

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR
1960

ADELAIDE
THE GRIFFIN PRESS
1960

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1960

PART I

	Page
Preface - - - - -	5
Letters Patent - - - - -	9
Acts of Parliament - - - - -	11
Almanac - - - - -	33
Council, Committees, Faculties and Boards - - -	42
Officers of the University - - - - -	51
Former Chancellors, Vice-Chancellors, Wardens, Professors and other Officers of the University - - - - -	70
Clinical Teachers - - - - -	72
Representatives of the University - - - - -	82
Endowments and Gifts - - - - -	83
Graduates and Associates - - - - -	96
Statutes - - - - -	172
Standing Orders of the Senate - - - - -	249

PART II
See page 255

PART III
To be published as a supplement

PART IV
See page 551

PART V
See page 701

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 1959 the University had conferred 8,569 degrees and 3,807 diplomas by examination, and 663 degrees and 15 diplomas by admission *ad eundem gradum*; in 1959 there were 4,116 matriculated students, 855 non-graduating students (mostly proceeding to sub-graduate diplomas) and 329 graduates proceeding to higher degrees or post-graduate diplomas, apart from

the 414 students at the Elder Conservatorium of Music; and the staff of four professors in 1876 had grown to 40 professors, over 230 full-time readers, senior lecturers and lecturers, and over 200 part-time lecturers and teachers.

The foundation stone of the first University building was laid in 1879 and the building was opened in 1882. The only additions during the next twenty years were extensions to the original building; but early in the new century came the Elder Conservatorium of Music, the Prince of Wales building (then used for Science and Engineering) and the Anatomy school. In the interval between the two great wars the Darling Building, the Physics building, the Refectory, the Lady Symon Building for women, the Johnson Chemistry laboratories, the Barr Smith Library, the George Murray Building for men, and the Benham laboratories were added on the University site, and the Waite Agricultural Research Institute was established at Glen Osmond.

The war of 1939-45 brought with it new obligations for the University, first in training enough professional men to meet the needs of the services and ancillary industry, and then in training for the professions the large numbers of ex-service men and women who were eligible to enrol under the Commonwealth Reconstruction Training Scheme. To discharge these obligations fully, the University needed greatly expanded accommodation, equipment and staff. Established by the Commonwealth Government in 1942, and charged with administering the Commonwealth Reconstruction Training Scheme so far as students training for the professions were concerned, the Universities Commission greatly helped the University in securing from the Commonwealth Government in the first instance the finance necessary. With capital advances amounting in all to about £343,000 thus provided, extensions were made to the laboratories for Physics, Chemistry and Agricultural Science, new buildings for Mathematics, Mechanical Engineering, Civil, Electrical, Mining and Metallurgical Engineering, and for the Medical School were erected, and extensive equipment for the engineering and science departments was obtained. Under an Act of the State Parliament in 1946 the Treasurer, with the approval of the Governor, guaranteed payment by the University of the Commonwealth for all or any of the extensions and additions to the buildings and plant of the University, the cost of which had been provided by the Commonwealth in the first instance. And over three financial years beginning in 1947 the State Parliament granted a further £210,000 to enable the University to complete the final unit—the Mawson Laboratories for Geology—in a building programme which affected every Faculty. In 1954 it gave another £50,000 to enable another floor to be added to the Medical School for the accommodation of the Department of Bacteriology.

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

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 chemistry 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 £100,000 and the residue of her estate for the same purpose.

Sir Tom Barr Smith—nearly £14,000 to establish a scholarship tenable at Cambridge.

Sewell Myers—£20,000 for research into leukemia.

Miss A. M. Barnes—£10,000 for the benefit of women undergraduates.

Mr. and Mrs. S. McGregor Reid—more than £100,000 for cancer and medical research.

George Gollin—£20,000 to endow the Chair of Economics.

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

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

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

THE THIRD SCHEDULE

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

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

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

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

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

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

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

One by the Council of the University of Adelaide;

One by the Faculty of Medicine of the said University;

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

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

One by the Faculty of Dentistry of the said University;

Two by the board;

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

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

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

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

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

* Amendments given assent, 27th November, 1958.

ALMANAC FOR 1960

TERMS:

First Term: March 7-May 14

Second Term: June 6-August 6.

Third Term: August 29-December 10.

Lectures will cease in some cases in the week ending October 22
and in others in the week ending October 29.

1960

JANUARY

- F. 1 New Year's Day. Commonwealth inaugurated 1901.
 M. 4 Faculty of Law—4.30 p.m.
 Tu. 5 Board for Anthropological Research—1.30 p.m.
 F. 8 Faculty of Medicine—8 p.m.
 M. 11 Advisory Committee of the University and the R.A.H.—
 5 p.m.
 W. 13 Advisory Committee of the University and the Q.E.H.—
 5 p.m.
 Th. 14 Faculty of Architecture and Town Planning—2.15 p.m.
 F. 15 Faculty of Agricultural Science—2.15 p.m.
 Tu. 19 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 Last day of entry for the Supplementary Leaving Ex-
 aminations to be held in February.
 W. 20 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.
 Faculty of Engineering—3 p.m.
 Th. 21 Faculty of Dentistry—4.30 p.m.
 F. 22 Faculty of Music—9.15 a.m.
 M. 25 Last day of entry for the special degree and diploma ex-
 aminations to be held in February and March.
 Th. 28 Education Committee—2 p.m.

FEBRUARY

- M. 1 Public Holiday: celebration of Foundation Day.
 Tu. 2 Hospital year begins. Finance Committee—2 p.m.
 Board of Anthropological Research—1.30 p.m. **LAST
 DAY OF ENTRY FOR EVENING STUDENTSHIPS.**
 F. 5 Faculty of Agricultural Science—2.15 p.m.
 Council—2.20 p.m.
 M. 8 Faculty of Law—4.30 p.m. Advisory Committee of the
 University and the R.A.H.—5 p.m.
 Tu. 9 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 Supplementary Leaving Examination begins.
 W. 10 Faculty of Technology—2 p.m. Faculty of Arts 2.15 p.m.
 Faculty of Engineering—3 p.m. Advisory Committee
 of the University and the Q.E.H.—5 p.m. Post-
 graduate Committee in Medicine—8 p.m.
 Th. 11 Faculty of Architecture and Town Planning—2.15 p.m.
 Faculty of Dentistry—4.30 p.m.
 F. 12 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 M. 15 Supplementary examinations begin.
 Th. 18 Education Committee—2 p.m.
 M. 22 Finance Committee—2.20 p.m. 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.
 Institute of Technology. **LAST DAY OF ENROL-
 MENT.**
 F. 26 Council—2.20 p.m.

MARCH

- Tu. 1 Board for Anthropological Research—1.30 p.m.
 F. 4 Faculty of Agricultural Science—2.15 p.m.
 Sa. 5 Long Vacation ends.
 M. 7 Faculty of Law—4.30 p.m. 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.

- Tu. 8 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 9 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.
 Faculty of Engineering—3 p.m. Advisory Committee
 of the University and the Q.E.H.—5 p.m. Last day of
 entry for public examinations in Music and the Art
 of Speech to be held in April.
 Th. 10 Faculty of Architecture and Town Planning—2.15 p.m.
 Faculty of Dentistry—4.30 p.m.
 F. 11 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 M. 14 LECTURES BEGIN. Board of Research Studies—9 a.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.
 F. 25 Council—2.20 p.m.
 Th. 31 Last day for submitting entries for the Bunday Prize.

APRIL

- M. 4 Faculty of Law—4.30 p.m.
 Tu. 5 Board for Anthropological Research—1.30 p.m.
 W. 6 ANNUAL COMMEMORATION—FIRST CEREMONY.
 F. 8 Faculty of Music—9.15 a.m. Faculty of Technology—
 2 p.m. Faculty of Agricultural Science—2.15 p.m.
 Faculty of Engineering—3 p.m. Faculty of Medicine
 —8 p.m.
 M. 11 Advisory Committee of the University and the R.A.H.—
 5 p.m.
 Tu. 12 Faculty of Science—2 p.m. Faculty of Economics—
 4 p.m.
 W. 13 ANNUAL COMMEMORATION — SECOND CERE-
 MONY.
 Advisory Committee of the University and the Q.E.H.
 —5 p.m.
 Th. 14 Faculty of Architecture and Town Planning—2.15 p.m.
 Faculty of Arts—2.15 p.m. Faculty of Dentistry—
 4.30 p.m.
 F. 15 Good Friday.
 M. 18 Easter Monday.
 Th. 21 Education Committee—2 p.m.
 M. 25 Anzac Day.
 Tu. 26 Finance Committee—2.20 p.m.
 W. 27 Theory of Music and the Art of Speech Examinations.
 F. 29 Council—2.20 p.m.

MAY

- M. 2 Faculty of Law—4.30 p.m.
 Tu. 3 Board for Anthropological Research—1.30 p.m.
 F. 6 Faculty of Agricultural Science—2.15 p.m.
 M. 9 Advisory Committee of the University and the R.A.H.—
 5 p.m.
 Tu. 10 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 11 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.
 Faculty of Engineering—3 p.m. Advisory Committee
 of the University and the Q.E.H.—5 p.m. Post-
 graduate Committee in Medicine—8 p.m.
 Th. 12 Faculty of Architecture and Town Planning—2.15 p.m.
 Faculty of Dentistry—4.30 p.m.
 F. 13 Board of Research Studies—9 a.m. Faculty of Music—
 9.15 a.m. Faculty of Medicine—8 p.m.
 Sa. 14 UNIVERSITY FIRST TERM ENDS.
 M. 16 University first short vacation begins.
 Th. 19 Education Committee—2 p.m.
 Sa. 21 Conservatorium first term ends.
 M. 23 Conservatorium first short vacation begins. Finance Com-
 mittee—2.20 p.m.
 F. 27 Council—2.20 p.m.

JUNE

- F. 3 Faculty of Agricultural Science—2.15 p.m.
 Sa. 4 University and Conservatorium first short vacation ends.
 M. 6 UNIVERSITY AND CONSERVATORIUM SECOND
 TERM BEGINS. Faculty of Law—4.30 p.m.
 Tu. 7 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 8 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.
 Faculty of Engineering—3 p.m. Advisory Committee
 of the University and the Q.E.H.—5 p.m.
 Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.
 Faculty of Dentistry—4.30 p.m.
 F. 10 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 M. 13 Public Holiday: celebration of Queen's Birthday.
 Tu. 14 Advisory Committee of the University and the R.A.H.—
 5 p.m.
 Th. 16 Education Committee—2 p.m.
 M. 20 Finance Committee—2.20 p.m.
 F. 24 Council—2.20 p.m.
 Th. 30 Last day for submitting theses for the Bonython Prize and
 for the degree of D.D.Sc.

 JULY

- M. 4 Faculty of Law—4.30 p.m.
 Tu. 5 Board for Anthropological Research—1.30 p.m.
 W. 6 Last day of entry for public examinations in Music and the Art of Speech to be held in October.
 F. 8 Faculty of Agricultural Science—2.15 p.m. Faculty of Medicine—8 p.m.
 M. 11 Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 12 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 13 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
 Th. 14 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—4.30 p.m.
 F. 15 Faculty of Music—9.15 a.m.
 M. 18 Board of Research Studies—9 a.m.
 Th. 21 Education Committee—2 p.m.
 M. 25 Finance Committee—2.20 p.m.
 F. 29 Council—2.20 p.m.
-

AUGUST

- M. 1 Faculty of Law—4.30 p.m.
 Tu. 2 Board for Anthropological Research—1.30 p.m.
 F. 5 Faculty of Agricultural Science—2.15 p.m.
 Sa. 6 UNIVERSITY SECOND TERM ENDS. LAST DAY OF ENTRY FOR THE DEGREE AND DIPLOMA EXAMINATIONS TO BE HELD IN NOVEMBER.
 M. 8 University second short vacation begins. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 9 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 10 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m. Post-graduate Committee in Medicine—8 p.m.
 Th. 11 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—4.30 p.m.
 F. 12 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 Sa. 13 Conservatorium second term ends.
 M. 15 Conservatorium second short vacation begins.
 Th. 18 Education Committee—2 p.m.
 M. 22 Finance Committee—2.20 p.m.
 F. 26 Council—2.20 p.m.
 Sa. 27 University and Conservatorium second short vacation ends.
 M. 29 UNIVERSITY THIRD TERM BEGINS.
 W. 31 Last day of entry for the PUBLIC EXAMINATIONS to be held in November and December.
-

 SEPTEMBER

- M. 5 CONSERVATORIUM third term begins. Faculty of Law—4.30 p.m.
- Tu. 6 Board for Anthropological Research—1.30 p.m.
- Th. 8 Faculty of Architecture and Town Planning—2.15 p.m.
- F. 9 Faculty of Agricultural Science—2.15 p.m. Faculty of Medicine—8 p.m.
- M. 12 Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 13 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
- W. 14 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
- Th. 15 Faculty of Dentistry—4.30 p.m.
- F. 16 Faculty of Music—9.15 a.m.
- Th. 22 Education Committee—2 p.m.
- M. 26 Finance Committee—2.20 p.m.
- W. 28 Theory of Music and the Art of Speech examinations begin.
- F. 30 Council—2.20 p.m. Last day for submitting entries for the United Nations Prize.
-

OCTOBER

- M. 3 Faculty of Law—4.30 p.m.
- Tu. 4 Board for Anthropological Research—1.30 p.m.
- F. 7 Faculty of Agricultural Science—2.15 p.m.
- M. 10 Public Holiday—Labour Day.
- Tu. 11 Faculty of Science—2 p.m. Faculty of Economics—4 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- W. 12 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
- Th. 13 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—4.30 p.m.
- F. 14 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- Th. 20 Education Committee—2 p.m.
- Sa. 22 Lectures in some Departments end.
- M. 24 Finance Committee—2.20 p.m.
- F. 28 Council—2.20 p.m.
- Sa. 29 All lectures end.
- M. 31 Fifth-year Medical, and Fourth- and Fifth-year Dental examinations begin. 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. CONSERVATORIUM vacation begins.
-

NOVEMBER

- Tu. 1 Board for Anthropological Research—1.30 p.m.
 F. 4 Faculty of Agricultural Science—2.15 p.m.
 M. 7 Faculty of Law—4.30 p.m. DEGREE AND DIPLOMA 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 23.
 Tu. 8 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 9 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m. Post-graduate Committee in Medicine—8 p.m.
 Th. 10 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—4.30 p.m.
 F. 11 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 Sa. 12 CONSERVATORIUM vacation ends.
 M. 14 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.
 W. 23 Senate—8 p.m. Election of Members of the Council and Warden and Clerk of the Senate.
 F. 25 Council—2.20 p.m. PUBLIC EXAMINATIONS BEGIN.

DECEMBER

- Th. 1 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—4.30 p.m.
 F. 2 Faculty of Music—9.15 a.m. Faculty of Agricultural Science—2.15 p.m. Faculty of Medicine—8 p.m.
 Sa. 3 CONSERVATORIUM year ends.
 M. 5 Board of Research Studies—9 a.m. Faculty of Law—4.30 p.m.
 Tu. 6 Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 7 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
 Th. 8 Education Committee—2 p.m.
 Sa. 10 ACADEMIC YEAR ENDS.
 M. 12 Finance Committee—2.20 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 W. 14 Advisory Committee of the University and the Q.E.H.—5 p.m.
 F. 16 Council—2.20 p.m.
 M. 26 Public Holiday: Boxing Day.
 W. 28 Public Holiday: Proclamation Day.
 Sa. 31 Last day of application for Mining and Metallurgical Bursaries.

1961		JANUARY
M.	2	Public Holiday.
Tu.	3	Board for Anthropological Research—1.30 p.m.
M.	9	Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
W.	11	Advisory Committee of the University and the Q.E.H.—5 p.m.
Th.	12	Faculty of Architecture and Town Planning—2.15 p.m.
F.	13	Faculty of Agricultural Science—2.15 p.m. Faculty of Medicine—8 p.m.
Tu.	17	Faculty of Science—2 p.m. Faculty of Economics—4 p.m. Last day of entry for the Supplementary Leaving Examinations to be held in February.
W.	18	Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
Th.	19	Faculty of Dentistry—4.30 p.m.
F.	20	Faculty of Music—9.15 a.m.
M.	23	Last day of entry for the special degree and diploma examinations to be held in February and March.
Th.	26	Education Committee—2 p.m.
M.	30	Public Holiday: celebration of Foundation Day.
Tu.	31	Finance Committee—2.20 p.m.

		FEBRUARY
W.	1.	Hospital year begins. LAST DAY OF ENTRY FOR EVENING STUDENTSHIPS.
F.	3	Council—2.20 p.m. Faculty of Agricultural Science—2.15 p.m.
M.	6	Faculty of Law—4.30 p.m.
Tu.	7	Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m. Faculty of Economics—4 p.m. Supplementary Leaving Examination begins.
W.	8	Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m. Post-graduate Committee in Medicine—8 p.m.
Th.	9	Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—4.30 p.m.
F.	10	Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
M.	13	Advisory Committee of the University and the R.A.H.—5 p.m.
Th.	16	Education Committee—2 p.m.
M.	20	LAST DAY OF ENROLMENT. 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. Institute of Technology Finance Committee—2.20 p.m.
F.	24	Council—2.20 p.m.

MARCH

-
- W. 1 Last day of entry for public examinations in Music and the Art of Speech to be held in May.
- Sa. 4 Long vacation ends.
- M. 6 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.
- Tu. 7 Faculty of Law—4.30 p.m.
- Tu. 7 Board for Anthropological Research—1.30 p.m.
- W. 8 Advisory Committee of the University and the Q.E.H.—5 p.m.
- Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.
- F. 10 Faculty of Agricultural Science—2.15 p.m.
- M. 13 LECTURES BEGIN. Board of Research Studies—9 a.m.
Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 14 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
- W. 15 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.
Faculty of Engineering—3 p.m.
- Th. 16 Faculty of Dentistry—4.30 p.m.
- F. 17 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- Th. 23 Education Committee—2 p.m.
- M. 27 Finance Committee—2.20 p.m.
- F. 31 Council—2.20 p.m. Last day for submitting entries for the Bunday Prize.
-

The University of Adelaide

1960

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.

DEPUTY CHANCELLOR

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. Appointed 1958.

VICE-CHANCELLOR

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

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 1958.

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 DENSLY, M.B.E., M.L.C. Appointed by Parliament for the first time, 19th August, 1953. Date of last appointment, 18th August, 1959.

JULIAN RANDAL DRIDAN, C.M.G., B.E. A member since 1953. Date of last election, 25th November, 1959.

DONALD ALLAN DUNSTAN, LL.B., M.P. Appointed by Parliament for the first time, 23rd August, 1956. Date of last appointment, 13th August, 1959.

JEAN GILMORE, LL.B. A member since 1955. Date of last election, 25th November, 1959.

COLIN ERNEST SUTHERLAND GORDON, M.A. A member since 1950. Date of last election, 26th November, 1958.

THE REVEREND WILLIAM FRANK HAMBLY, M.A., B.D. A member since 1954. Date of last election, 26th November, 1958.

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

JAMES ALEXANDER HEASLIP, M.P. Appointed by Parliament for the first time, 13th August, 1959.

KENNETH STUART HETZEL, M.D., F.R.C.P., F.R.A.C.P. A member since 1954. Date of last election, 26th November, 1958.

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

EMERITUS PROFESSOR LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. A member since 1953. Date of last election, 25th November, 1957.

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 KARMEI, Ph.D. A member since 1955. Date of last election, 17th December, 1958.

CONDOR LOUIS LAUCKE, M.P. Appointed by Parliament for the first time, 23rd August, 1956. Date of last appointment, 13th August, 1959.

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

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

JAMES MELVILLE, M.Sc., Ph.D. Elected for the first time, 26th November, 1958.

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, 18th August, 1959.

ARCHIBALD GRENFELL PRICE, C.M.G., D.Litt., F.R.G.S. A member since 1925. Date of last election, 25th November, 1959.

PROFESSOR ERIC AROHA RUDD, B.Sc., A.M. Elected for the first time, 26th November, 1958.

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, 25th November, 1959.

REGISTRAR:

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

THE SENATE

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

OFFICERS:

Warden—ALBERT JAMES HANNAN, C.M.G., Q.C., M.A., LL.B. Elected for the first time, 25th November, 1959.

Clerk—VICTOR ALLEN EDGELOE, B.A. Elected for the first time, 24th November, 1948; re-elected 25th November, 1959.

COMMITTEES, FACULTIES AND BOARDS FOR 1960

EDUCATION COMMITTEE

Chairman: Professor J. R. Trevaskis

Vice-Chairman: Professor H. N. Robson

The Chancellor
 The Vice-Chancellor
 Mr. D. A. Dunstan
 Mr. C. E. S. Gordon
 Mr. A. J. Hannan
 Mr. I. B. Jose
 Dr. Helen Mayo
 Dr. A. Grenfell Price
 Mr. W. M. C. Symonds
 The Deans of Faculties

The Chairmen of Boards of Studies
 The Director of the Waite Agricultural
 Research Institute
 The Heads of the Departments of Entomology, German, Plant Pathology, and Plant Physiology
 The Librarian
 The Director of Adult Education
 A representative of the four Colleges
 The Professors of the University

FINANCE COMMITTEE

Chairman: Mr. K. A. Wills

Deputy Chairman: Mr. R. A. Simpson

The Chancellor
 The Vice-Chancellor
 The Deputy Vice-Chancellor
 The Hon. L. H. Densley
 Mr. A. J. Hannan

Dr. F. Ray Hone
 Mr. I. B. Jose
 Professor P. H. Karmel
 The Hon. Sir George Ligertwood
 The Hon. Sir Frank Perry

FACULTY OF ARTS

Dean: Professor J. R. Trevaskis

Members *ex officio*:

The Chancellor
 The Vice-Chancellor
 The Chairman of the Education Committee
 The Dean of the Faculty of Science
 Professor E. S. Barnes
 Professor John Bishop
 Professor J. G. Cornell
 Professor W. G. K. Duncan
 Mr. M. M. S. Finnis
 Professor C. J. Horne

Professor M. A. Jeeves
 Professor P. H. Karmel
 Professor G. H. Lawton
 Mr. E. Mander-Jones
 Professor N. R. Morris
 Professor L. F. Neal
 Dr. H. H. Penny
 Professor J. J. C. Smart
 Professor H. Stretton
 Professor J. R. Trevaskis
 Dr. D. Van Abbé

Members appointed by the Council:

Dr. L. B. Brown
 Mr. D. A. David
 Mr. M. Bryn Davies
 Dr. E. C. Forsyth
 Mr. A. French
 Dr. C. R. S. Harris
 Mr. R. R. Hirst
 Dr. K. S. Inglis (during Professor Stretton's absence)

Mr. B. Mason
 Dr. D. H. Pike
 Dr. A. Grenfell Price
 Mr. R. L. Reid
 Dr. B. C. Rennie
 Mr. E. Roe
 Mr. H. J. Siliakus
 Mr. W. M. C. Symonds

FACULTY OF SCIENCE

Dean: Professor G. M. Badger

Members *ex officio*:

The Chancellor
 The Vice-Chancellor
 The Chairman of the Education Committee
 The Dean of the Faculty of Agricultural Science
 The Dean of the Faculty of Arts
 The Dean of the Faculty of Dentistry
 The Dean of the Faculty of Engineering
 The Dean of the Faculty of Medicine
 Professor A. A. Abbie
 Professor A. R. Alderman

Professor G. M. Badger
 Professor E. S. Barnes
 Professor J. H. Bennett
 Mr. G. R. Fuller
 Professor H. S. Green
 Dr. D. L. Hayman
 Professor D. O. Jordan
 Professor Sir Mark Mitchell
 Professor W. P. Rogers
 Professor D. Rowley
 Professor E. A. Rudd
 Professor R. F. Whelan

FACULTY OF SCIENCE (Continued)

Members appointed by the Council:

Dr. G. J. Aitchison	Mr. K. H. Milne
Dr. N. Atkinson	Dr. A. D. Packer
Professor E. A. Cornish	Professor R. B. Potts
Dr. J. W. Clark-Lewis	Professor J. S. Robertson
Dr. P. J. Dunlop	Dr. H. J. Rodda
Dr. M. F. Glaessner	Dr. A. B. Roy
Dr. E. S. Holdsworth	Mr. I. M. Thomas
Dr. C. A. Hurst	Dr. S. G. Tomlin
Dr. D. I. B. Kerr	Dr. B. O. West
Dr. I. S. de la Lande	Dr. H. B. S. Womersley
Dr. M. J. Mayo	

FACULTY OF AGRICULTURAL SCIENCE

Dean: Professor R. K. Morton

Members *ex officio*:

The Chancellor	Dr. N. T. Flentje
The Vice-Chancellor	Dr. T. Kurucsev (deputy for Professor
The Chairman of the Education Com-	D. O. Jordan)
mittee	Dr. R. N. McCulloch
The Dean of the Faculty of Science	Dr. L. H. May
Professor A. R. Alderman	Dr. J. Melville
Professor G. M. Badger	Professor Sir Mark Mitchell
Mr. A. D. Barton (deputy for Pro-	Professor R. K. Morton
fessor P. H. Karmel)	Dr. J. P. Riches (deputy for Professor
Professor J. H. Bennett	of Botany)
Dr. T. O. Browning (deputy for Pro-	Mr. D. C. Swan
fessor W. P. Rogers)	Dr. S. G. Tomlin
Professor C. M. Donald	

Members appointed by the Council:

Dr. R. J. Best	Mr. E. T. Mann
Dr. J. N. Black	Dr. G. M. E. Mayo
The Hon. L. H. Densley	Mr. J. K. Powrie
Mr. G. R. Edwards	Dr. J. P. Quirk
Mr. K. J. Hutchinson	Mr. A. G. Strickland
Dr. B. Johnson	Mr. H. P. C. Trumble
Dr. A. Kerr	Dr. J. H. Warcup
Mr. H. S. F. Lower	

FACULTY OF ENGINEERING

Dean: Professor F. B. Bull

Members *ex officio*:

The Chancellor	Dr. J. H. Coates (deputy for Professor
The Vice-Chancellor	D. O. Jordan)
The Chairman of the Education Com-	Professor H. H. Davis
mittee	Mr. G. R. Fuller (deputy for Professor
The Dean of the Faculty of Science	of Physics)
The President of the S.A. Institute of	Mr. D. Elliott (deputy for Professor E.
Technology	S. Barnes)
The Director of the S.A. Institute of	Professor R. A. Jensen
Technology	Professor E. A. Rudd
Professor A. R. Alderman	Professor E. C. R. Spooner
Professor F. B. Bull	Mr. D. H. Tyler
	Professor E. O. Willoughby

Members appointed by the Council:

Dr. R. G. Barden	Mr. A. S. Lewis
Mr. A. B. Barker	Mr. K. H. Milne
Mr. A. Black	Mr. D. C. Pawsey
Mr. R. W. Boswell	Mr. T. O. Penman (during Professor
Mr. W. D. Doble	Spooner's absence)
Mr. J. R. Dridan	Mr. R. A. Simpson
Mr. G. Ellesworth	Mr. G. Sved
Mr. T. A. Farrent	Dr. R. W. F. Tait

FACULTY OF LAW

Dean: Professor N. R. Morris

Members *ex officio*:

The Chancellor	Mr. B. O. Hunter
The Vice-Chancellor	Mr. I. I. Kavass
The Chairman of the Education Committee	Mr. J. N. McEwin
The Dean of the Faculty of Arts	The Hon. Sir Herbert Mayo
The President of the Law Society of South Australia, Inc.	Professor N. R. Morris
Mr. R. A. Blackburn	Dr. D. P. O'Connell
Dr. J. J. Bray	The Hon. Sir Geoffrey Reed
The Hon. Mr. Justice Brazel	The Hon. Mr. Justice Ross
Dr. A. C. Castles	Mr. E. B. Scarfe
The Hon. Mr. Justice Chamberlain	Professor J. R. Trevaskis
Mr. C. Howard	Mr. W. A. N. Wells
	Mr. L. A. Whittington

Members appointed by the Council:

Mr. D. A. H. Clark	The Hon. Sir George Ligertwood
Mr. D. A. Dunstan	Mr. E. L. Stevens
Miss J. Gilmore	Mr. H. E. Zelling
Mr. A. J. Hannan	

FACULTY OF MEDICINE

Dean: Professor H. N. Robson

Associate Dean: Professor R. F. Whelan

Members *ex officio*:

The Chancellor	Mr. N. G. Marshall
The Vice-Chancellor	Dr. P. G. Martin (deputy for Professor W. P. Rogers)
The Chairman of the Education Committee	Professor G. M. Maxwell
Professor A. A. Abbie	Professor Sir Mark Mitchell
Professor G. M. Badger	Dr. T. G. Paxon
Mr. J. R. Barbour	Mr. H. E. Pellew
Dr. J. M. Bonnin	Dr. J. O. Poynton
Mr. R. A. Burston	Professor J. S. Robertson
Dr. M. E. Chinner	Professor H. N. Robson
Dr. M. T. Cockburn	Mr. J. W. Rollison
Professor L. W. Cox	Professor D. Rowley
Dr. C. R. S. Harris	Dr. C. B. Sangster
Professor R. P. Jepson	Dr. H. M. Southwood
Dr. I. S. de la Lande	Dr. S. C. Tomlin
Mr. A. H. Lendon	Dr. B. O. West (deputy for Professor D. O. Jordan)
Mr. A. C. McEachern	Professor R. F. Whelan
Mr. D. G. McKay	Dr. H. B. S. Womersley
Dr. T. L. McLarty	Dr. P. S. Woodruff
Mr. J. R. Magarey	

Members appointed by the Council:

Mr. G. L. Bennett	Mr. I. B. Jose
Dr. B. N. Catchpole	Dr. F. Lippay
Mr. H. R. Gilmore	Dr. A. D. Packer
Dr. B. S. Hetzel	Dr. L. O. S. Poidevin
Dr. K. S. Hetzel	Dr. R. W. T. Reid
Dr. E. S. Holdsworth	Mr. M. K. Smith
Dr. F. Ray Hone	

FACULTY OF DENTISTRY

Dean: Professor A. M. Horsnell

Members *ex officio*:

The Chancellor	Dr. P. R. Begg
The Vice-Chancellor	Mr. A. J. Bloomfield
The Chairman of the Education Committee	Mr. Tasman Brown
The Chairman of the Dental Board of South Australia	Mr. J. A. Cran
Professor A. A. Abbie	Dr. H. T. J. Edwards
Professor G. M. Badger	Professor A. M. Horsnell
Mr. M. J. Barrett	Mr. J. Estcourt Hughes
	Dr. G. O. Lawrence
	Dr. J. M. McPhie

FACULTY OF DENTISTRY (Continued)

Mr. W. M. T. Marshman	Mr. J. W. Rollison
Dr. P. G. Martin (deputy for Professor W. P. Rogers)	Professor D. Rowley
Professor Sir Mark Mitchell	Mr. R. J. Sweeney
Mr. G. J. Mount	Dr. S. G. Tomlin
Dr. B. G. Radden	Dr. J. R. Urwin (deputy for Professor D. O. Jordon)
Mr. P. C. Reade	Mr. F. Vnuk
Professor J. S. Robertson	Professor R. F. Whelan
Professor H. N. Robson	Mr. R. G. Willoughby
Members appointed by the Council:	
Mr. R. S. Blackburn	Mr. K. R. Moore
Professor T. D. Campbell	Mr. K. J. Robertson
Mr. H. V. Clarke	Mr. P. M. Wesslink
Mr. J. B. Day	

FACULTY OF MUSIC

Dean: Professor John Bishop

Members *ex officio*:

The Chancellor	Professor John Bishop
The Vice-Chancellor	Mr. H. Fairhurst
The Chairman of the Education Committee	Miss P. Holmes
The Dean of the Faculty of Arts	Mr. J. A. Horner
Dr. G. J. Aitchison	Dr. J. V. Peters

Members appointed by the Council:

Professor J. G. Cornell	Mr. C. T. Leske
Mr. L. Davies	Mr. A. Matters
Mr. H. L. Dossor	Mr. W. M. C. Symonds

FACULTY OF ECONOMICS

Dean: Professor P. H. Karmel

Members *ex officio*:

The Chancellor	Mr. H. R. Hudson
The Vice-Chancellor	Dr. F. G. Jarrett
The Chairman of the Education Committee	Professor P. H. Karmel
The Dean of the Faculty of Arts	Professor G. H. Lawton
Mr. A. D. Barton	Professor R. L. Mathews
Mr. J. W. Bennett	Professor N. R. Morris
Miss M. D. Brunt	Mr. R. H. Parker
Professor W. G. K. Duncan	Mr. E. A. Russell
Dr. K. J. Hancock	Professor H. Stretton
Dr. G. C. Harcourt	Mr. R. H. Wallace
Mr. R. R. Hirst	Mr. D. H. Whitehead

Members appointed by the Council:

Mr. L. A. Braddock	Dr. G. S. Reid
Mr. E. H. Burgess	Mr. G. F. Seaman
Mr. S. J. Jacobs	Mr. A. M. Simpson
Dr. H. S. K. Kent	Dr. K. W. Thomson
Mr. E. W. Painter	Mr. K. A. Wills

FACULTY OF ARCHITECTURE AND TOWN PLANNING

Dean: Professor R. A. Jensen

Members *ex officio*:

The Chancellor	The Dean of the Faculty of Engineering
The Vice-Chancellor	Professor E. S. Barnes
The Chairman of the Education Committee	Professor F. B. Bull
The Dean of the Faculty of Arts	Mr. H. N. Hoskings
The Dean of the Faculty of Science	Professor R. A. Jensen
	Mr. J. D. Kendrick

Members appointed by the Council:

Mr. G. P. Duncan	Mr. J. C. Irwin
Mr. J. R. Dridan	Mr. F. K. Milne
Mr. W. T. Haslam	

FACULTY OF TECHNOLOGY

Dean: Professor E. C. R. Spooner
 Acting Dean: Professor H. H. Davis

Members *ex officio*:

The Chancellor	Mr. J. R. Brookman
The Vice-Chancellor	Mr. G. S. McDonald
The Chairman of the Education Committee	Mr. R. W. Parsons

Professor G. M. Badger	Members appointed by the Council of the University	Professor E. C. R. Spooner
Professor F. B. Bull		Dr. R. W. Tait (during Professor Spooner's absence)
Professor H. H. Davis		Professor E. O. Willoughby
Professor R. A. Jensen		

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

Mr. D. W. Cox	Mr. F. A. Haas
Dr. R. V. Culver	Mr. W. H. Schneider
Mr. W. G. Forte	Mr. G. Walkley

BOARD OF STUDIES IN PHARMACY

Chairman: Professor G. M. Badger

The Chancellor	Mr. R. A. Anderson
The Vice-Chancellor	Professor G. M. Badger
The President of the Pharmaceutical Society	Mr. R. C. McCarthy
The Secretary of the Pharmaceutical Society	Mr. B. L. Reynolds
The President of the Pharmacy Board	Dr. J. R. Urwin (deputy for Professor D. O. Jordan)
The Dean of the Faculty of Medicine	Professor R. F. Whelan

BOARD OF STUDIES IN PHYSICAL EDUCATION

Chairman: Professor Sir Mark Mitchell

The Chancellor	Dr. C. C. Jungfer
The Vice-Chancellor	Mr. E. Mander-Jones
The Dean of the Faculty of Arts	Miss G. M. Millington
The President of the Adelaide University Sports Association	Professor Sir Mark Mitchell
Professor A. A. Abbie	Dr. H. H. Penny
Mr. B. F. G. Apps	Mr. C. A. Richards
Miss E. M. Barwell	Mr. A. W. Sedgwick
Mr. E. Butler	Mr. A. E. Simpson
Mr. G. M. Hone	Mr. W. M. C. Symonds
	Professor R. F. Whelan

BOARD OF STUDIES IN SOCIAL STUDIES

Chairman: Rev. W. F. Hambly

Members *ex officio*:

The Chancellor	Professor M. A. Jeeves
The Vice-Chancellor	Professor P. H. Karmel
The Chairman of the Education Committee	Dr. P. G. Martin (representing Professor of Botany)
The Dean of the Faculty of Arts	Professor Sir Mark Mitchell
Professor A. A. Abbie	Miss M. Norton
Dr. R. G. Brown	Miss F. C. Shaw
Professor W. G. K. Duncan	Professor H. Stretton
Dr. B. S. Hetzel (representing Professor H. N. Robson)	Professor R. F. Whelan

Members appointed by the Council:

Mr. C. G. Atkinson	Professor G. H. Lawton
Dr. H. Gilmore	Dr. Helen Mayo
Rev. W. F. Hambly	Rev. Fr. L. V. Roberts
Mr. C. E. M. Harris	

BOARD OF STUDIES IN PHYSIOTHERAPY

Chairman: Professor A. A. Abbie

The Chancellor	Professor L. W. Cox
The Vice-Chancellor	Mrs. M. K. Finnis
The Dean of the Faculty of Medicine	Miss M. J. Hammond
The Senior Physiotherapist, Royal Adelaide Hospital	Professor M. A. Jeeves
The Senior Physiotherapist, Adelaide Children's Hospital	Dr. R. Meadows
Professor A. A. Abbie	Professor J. S. Robertson
Mr. L. Bonnin	Miss A. K. A. Simpson
Dr. R. S. Burdon	Mr. E. F. West
Miss E. Casely	Professor R. F. Whelan
	Miss Honor Wilson

BOARD OF RESEARCH STUDIES

Chairman: Professor E. S. Barnes

Professor A. A. Abbie	Mr. F. K. Milne
Professor E. S. Barnes	Professor R. K. Morton
Professor H. H. Davis	Professor J. S. Robertson
Professor C. M. Donald	Professor W. P. Rogers
Professor C. J. Horne	Professor E. A. Rudd
Professor G. H. Lawton	Professor E. C. R. Spooner

MATRICULATION BOARD

The Vice-Chancellor (Chairman) and the Deans of the eleven Faculties

RESEARCH EXECUTIVE COMMITTEE

Acting Chairman: Professor Sir Mark Mitchell

Professor A. R. Alderman	Professor N. R. Morris
Dr. J. Melville	Professor E. O. Willoughby
Professor Sir Mark Mitchell	

MEDICAL RESEARCH COMMITTEE

Chairman: The Vice-Chancellor

The Dean of the Faculty of Medicine, The Professors of Anatomy, Biochemistry, Child Health, Dental Science, Experimental Medicine, Medicine, Microbiology, Obstetrics and Gynaecology, Pathology, Physiology and Surgery, and Dr. S. G. Tomlin.

STUDY LEAVE COMMITTEE

Chairman: The Vice-Chancellor

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

PUBLIC LECTURES COMMITTEE

Chairman: The Vice-Chancellor

Professor A. A. Abbie	Professor C. M. Donald
Professor J. G. Cornell	Professor E. C. R. Spooner

BOARD OF DISCIPLINE

The Chancellor, the Vice-Chancellor, the Deans of Faculties and the Chairmen of Boards of Studies.

LIBRARY COMMITTEE

Chairman: Professor Sir Mark Mitchell

The Chancellor	Mr. T. A. Farrent
The Vice-Chancellor	Mr. R. R. Hirst
The Librarian	Professor A. M. Horsnell
Professor A. A. Abbie	Professor R. A. Jensen
Professor G. M. Badger	Mr. I. I. Kavass
Professor John Bishop	Professor Sir Mark Mitchell
Dr. J. N. Black	Dr. A. Grenfell Price
Dr. R. V. Culver	Dr. D. Van Abbé
Professor W. G. K. Duncan	

MEDICAL CURRICULUM COMMITTEE

Chairman: The Dean of the Faculty of Medicine

The Associate Dean, the Professors of Anatomy, Biochemistry, Child Health, Medicine, Microbiology, Obstetrics and Gynaecology, Pathology, Physiology and Surgery, Drs. K. S. Hetzel and F. Ray Hone, and Mr. I. B. Jose.

POSTGRADUATE COMMITTEE IN MEDICINE

Chairman: The Vice-Chancellor

Deputy Chairman: Mr. I. B. Jose

Professor A. A. Abbie	Mr. I. B. Jose
Sir Keith Angas	Mr. A. C. McEachern
Mr. R. C. Angove	Mr. G. H. McQueen
Mr. K. G. Ball	Professor G. M. Maxwell
Dr. J. M. Bonnin	Professor Sir Mark Mitchell
Mr. R. A. Burston	Mr. B. Nicholson
Mr. A. G. Campbell	Mr. J. A. O'Brien
Dr. M. E. Chinner	Mr. H. E. Pellew
Mr. R. S. Colton	Mr. L. O. S. Poidevin
Dr. J. S. Covernton	Professor J. S. Robertson
Professor L. W. Cox	Professor H. N. Robson
Mr. G. T. Gibson	Mr. M. K. Smith
Dr. R. Hecker	Mr. F. L. Thyer
Dr. K. S. Hetzel	Dr. P. W. Verco
Dr. F. Ray Hone	Professor R. F. Whelan
Mr. P. G. Jay	Mr. J. C. Yeatman
Professor R. P. Jepson	The Registrar

ADVISORY BOARD, ANIMAL PRODUCTS RESEARCH FOUNDATION

Chairman: Dr. H. R. Marston

Dr. L. B. Bull	Dr. J. Melville
Professor Sir Stanton Hicks	Professor Sir Mark Mitchell
Dr. H. R. Marston	Professor J. S. Robertson

BOARD FOR ANTHROPOLOGICAL RESEARCH

Chairman: Professor J. B. Cleland

The Chancellor	Professor J. A. FitzHerbert
The Vice-Chancellor	Mr. H. M. Hale
Professor A. A. Abbie	Professor G. H. Lawton
Mr. M. J. Barrett	Mr. C. P. Mountford
Mr. C. E. Bartlett	Dr. A. D. Packer
Professor T. D. Campbell	Mr. T. G. H. Strehlow
Professor J. B. Cleland	Mr. N. B. Tindale

AUSTRALIAN JOURNAL OF EXPERIMENTAL BIOLOGY AND MEDICAL SCIENCE

Editor-in-Chief: Professor Sir Mark Mitchell

Co-Editors: Professor G. M. Badger
Dr. D. I. B. Kerr

Additional Members of the Local Editorial Board for S.A.

Professor A. A. Abbie	Professor J. A. Prescott
Professor J. B. Cleland	Professor J. S. Robertson
Professor Sir Stanton Hicks	Professor H. N. Robson
Dr. H. R. Marston	Professor R. F. Whelan

BOARD OF ADULT EDUCATION

Chairman: Professor W. G. K. Duncan

Professor J. Bishop	Professor E. A. Rudd
Mr. H. C. Brideson	Mr. A. O. Thiele
Professor W. G. K. Duncan	Dr. D. M. Van Abbé
Professor J. A. FitzHerbert	Mr. J. S. Walker
Mr. A. S. M. Hely	Mrs. W. D. Walker
Professor J. A. Prescott	Mr. E. Williams

COMMITTEES, FACULTIES, AND BOARDS

APPOINTMENTS BOARD

Chairman: Professor Sir Mark Mitchell

The Vice-Chancellor
Professor P. H. Karmel

Mr. K. A. Wills

COLONIAL OFFICE APPLICATIONS BOARD

Chairman: Professor H. Stretton

Professor W. G. K. Duncan
Professor J. A. PrescottProfessor E. C. R. Spooner
Mr. R. A. Blackburn

ANTI-CANCER CAMPAIGN

EXECUTIVE COMMITTEE

Members *ex officio*:

Chairman: Mr. B. S. Hanson

Deputy Chairman: Mr. C. M. Gurner

Chairman Finance Sub-Committee: Mr. C. D. Watson

The President of the B.M.A. (S.A.
Branch)
Professor L. W. CoxProfessor R. P. Jepson
Professor J. S. Robertson
Professor H. N. Robson

Members elected by the General Committee:

Professor G. M. Badger
Mr. F. A. DibdenMr. S. Krantz
Mr. C. T. Piper

VICE-CHANCELLOR'S OFFICE

Vice-Chancellor:

HENRY BOLTON BASTEN, C.M.G., M.A. (Oxford). Appointed Assistant to the Vice-Chancellor, 1953; Vice-Chancellor, 1958.
Vice-Chancellor's Secretary: BERYL ELISABETH PEARCE.

Personal Assistant:

GEOFFREY LEA WILLIAMSON, B.Sc. Appointed in the Registrar's Department, 1958; transferred 1959.

REGISTRAR'S DEPARTMENT

Registrar:

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

Registrar's Secretary: BESSIE BRIAR MATTISON.

Personal Assistant:

FRANCIS SUTHERLAND HAMBLY, B.Ec. Appointed 1959.

Buildings Officer:

GEOFFREY JOHN HARRISON, B.Arch. (Syd.), A.R.A.I.A. Appointed 1959.

Architectural Assistant: ALFRED IREDALE.

Senior Administrative Assistant for Statistics and Examinations:

DONALD WILLIAM SIMMONS, D.F.C., A.U.A., B.Ec. Appointed 1955.

Clerk of Examinations: JAMES RONALD LEICESTER.

Filing Clerk:

ARTHUR GEOFFREY MILLER.

Academic Branch

Assistant Registrar:

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

Senior Administrative Assistants:

HOWARD JAMES BUCHAN, B.Sc. (Syd.). Appointed 1954.

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

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

Administrative Assistants:

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

THOMAS JOSEPH SOMERVILLE, B.Comm., Dip.Pub.Admin. (N.U.I.). Appointed 1958.

Records Clerk:

CHARLES TURNER SANDBROOK VAUGHAN.

Finance Branch

Assistant Registrar:

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

Assistant Accountant:

ERNEST STANLEY WYETT, A.U.A., A.A.S.A. Appointed Costing and Equipment Officer, 1948; Assistant Accountant, 1952.

Chief Clerk:

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

Senior Administrative Assistant:

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

Administrative Assistant:

ALFRED DONALD SCOTT, A.A.S.A. Appointed 1958.

Clerks:

MAISIE LILIAN CLARKE
HELEN AMELIA DICKSON
ALBERT KEITH HEINRICH
JAMES NEWSON McANNA
TREVOR MURRAY RADBONE
FRANK HARRIS THURSTON, A.U.A.
WILLIAM KENNETH WOOD

Public Examinations

Secretary:

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

Assistant Secretary:

LESLIE ARTHUR JAMES WRIGHT. Appointed 1958.

Clerk:

LEONARD HESKETH NORWOOD.

Librarian:

THE BARR SMITH LIBRARY

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

Assistant Librarian in Charge of Cataloguing:

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

Assistant Librarian in Charge of Readers' Services:

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

Periodicals Librarian:

SHIRLEY EDITH CORRELL, B.A.

Medical Librarian:

DOROTHY MEAD, B.A.

Law Librarian:

GWENDA CLARE SARGEANT, B.A. (Melb.).

Head of Order Department:

HELGA FREUND ZINNBAUER, Ph.D. (Vienna).

Library Assistants:

RENATA BLASZCZYNSKA.

ARNE BRAUER, B.Ec.

MARJORIE RUTH BURNS, B.A.

GILLIAN FRANCES CASHMORE, B.A.

DAWN OULTON CHIN, B.A. (W.A.).

ALEXANDER HYSLOP, B.A.

BERNICE WILMA MARTIN, B.A.

GWENYTH WINSOME OWEN, B.A.

BEATRICE ENID LLOYD ROBERTS, B.A. (Bristol), Dip.Ed.

MARJORIE WINNIFRED ROONEY, B.A.

EILEEN CONSTANCE ROGERS.

MARGARET ANNE SYMONS, B.A.

ELFRIEDE EVE WARNER, B.Agr.Sc. (Vienna).

THE UNIVERSITY UNION

Warden:

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

Secretary:

HORACE SWALES SMITH. Appointed 1957.

Assistant Secretary:

ELIZABETH BRONWEN GREET, B.A. Appointed 1958.

ADULT EDUCATION

Director:

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

Assistant to the Director:

DESMOND WILLIAM CROWLEY, M.A. (N.Z.), Ph.D. (London). Appointed 1959.

Tutor-Organiser:

FRANCIS VINCENT BITMEAD, B.A. (W.A.). Appointed 1960.

Administrative Assistant:

COLIN ROBERT LAWTON. Appointed 1958.

COORDINATING ARCHITECTS TO THE UNIVERSITY

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

UNIVERSITY AUDITORS

ROBERT MOORE STEELE, C.B.E., A.U.A., F.C.A. (Aust.).

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

ACADEMIC STAFF

FACULTY OF ARTS

CLASSICS AND COMPARATIVE PHILOLOGY AND LITERATURE

The Hughes Professor:

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

Senior Lecturers:

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

Lecturers:

DAVID ALBERT HESTER, B.A. (Camb.). Appointed 1958.
RONALD WILLIAM GARSON, B.A. (Sydney and Camb.). Appointed 1959.

Senior Tutor:

KATHLEEN LILIAN HASSELL, M.A.

ANTHROPOLOGICAL RESEARCH

Reader in Australian Linguistics:

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

ENGLISH LANGUAGE AND LITERATURE

The Jury Professor:

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

Reader:

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

Senior Lecturer in Australian Literature:

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

Senior Lecturer:

RALPH WARREN VICTOR ELLIOTT, M.A. (St. Andrew's). Appointed 1959.

Lecturers:

GEOFFREY PIERS HENRY DUTTON, B.A. (Oxford). Appointed 1955.
FRANCIS HUGH MARES, B.A. (Dur.), B.Litt. (Oxford). Appointed 1957.
PETER DIXON, B.A. (Oxford), M.A. (London). Appointed 1958.
PAUL CLIFFORD HAEFFNER, M.A. (Oxford), Ph.D. (Leeds). Appointed 1958.
ROBERT VINCENT JOHNSON, Ph.D. (Manc.). Appointed 1958.
ALAN WILLIAM RUDRUM, B.A. (London). Appointed 1958.
ANTHONY MATTHEWS GIBBS, B.A. (Melb. and Oxford). Appointed 1959.
KEVIN BARRY MAGAREY, M.A. (Oxford), B.A. Appointed 1960.

Tutor:

JOHN JULIAN ANDERSON, B.A. (Otago).

FRENCH LANGUAGE AND LITERATURE

Professor:

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

Senior Lecturers:

MARY HOPE ST. CLAIR CRAMPTON, M.A. Appointed Lecturer, 1930; Senior Lecturer, 1950.

ELLIOTT CHRISTOPHER FORSYTH, D. de l'U. (Paris), B.A., Dip.Ed. Appointed Lecturer, 1955; Senior Lecturer, 1959.

Lecturer:

HENRI SOUILLAC, L.èsL. (Paris). Appointed 1957.

GERMAN LANGUAGE AND LITERATURE

Reader-in-Charge:

DEREK MAURICE VAN ABBE, M.A. (Camb.), Ph.D. (Melb.). Appointed 1952.

Lecturers:

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

RODNEY SIMON LIVINGSTONE, B.A. (Camb.). Appointed 1959.

Tutor:

HANS CHRISTOPHER SASSE, M.A.

HISTORY

Professor:

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

Readers:

DOUGLAS HENRY PIKE. D.Litt. Appointed 1950.

KENNETH STANLEY INGLIS, M.A. (Melb.), D.Phil. (Oxford). Appointed Senior Lecturer, 1956; Reader, from July 1, 1960.

Senior Lecturers:

HEINZ SIGFRID KOPLOWITZ KENT, M.A. (N.Z.), Ph.D. (Camb.). Appointed Lecturer, 1955; Senior Lecturer, 1957.
 KATHLEEN WOODROOFE, M.A. Appointed Lecturer, 1951; Senior Lecturer, 1958.
 GEORGE FREDERICK RUDE, M.A. (Camb.), Ph.D. (London). Appointed 1960.

Lecturers:

WALTER ALFRED PETER PHILLIPS, M.A. (Oxford). Appointed 1957.
 JOHN THOMAS GILCHRIST, Ph.D., Dip.Ed. (Leeds). Appointed 1958.
 MALCOLM ALEXANDER JACK, M.A. (Oxford). Appointed 1959.
 HECTOR GILCHRIST KINLOCH, B.A. (Camb.), Ph.D. (Yale). Appointed 1960.
 WILLIAM FREDERICK MANDLE, B.A. (Oxford). Appointed 1960.
 TREVOR GORDON WILSON, M.A. (Auckland), D.Phil. (Oxford). Appointed 1960.

Tutors:

LEON DESMOND ATKINSON, B.A.
 LOUIS FERDINAND GREEN, B.A. (Qsld.).

HISTORY AND POLITICAL SCIENCE**Professor:**

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

Senior Lecturer in Government and Public Administration:

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

Lecturers:

ROBERT LEIGHTON REID, M.A. Appointed 1957.
 MICHAEL LEIFER, B.A. (Reading), Ph.D. (London). Appointed 1959.

Tutor:

ROBERT HETHERINGTON, B.A.

PHILOSOPHY**The Hughes Professor:**

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

Senior Lecturers:

MAURICE MEREDITH STRIKER FINNIS, B.A. Appointed Lecturer, 1941; Senior Lecturer, 1950.
 CHARLES BURTON MARTIN, B.A. (Boston), Ph.D. (Camb.). Appointed Lecturer, 1954; Senior Lecturer, 1956.

Lecturer:

CHARLES FREDERICK PRESLEY, B.A. (Wales), B.Litt. (Oxford). Appointed 1958.

PSYCHOLOGY**Professor:**

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

Senior Lecturer:

SYDNEY HAROLD LOVIBOND, B.A. (Melb.), M.A., A.U.A. (Soc. Sci.). Appointed Lecturer, 1954; Senior Lecturer, 1959.

Lecturers:

LAURENCE BINET BROWN, M.A., Dip.Ed. (N.Z.), Ph.D. (London). Appointed 1957.
 DAVID NORRIS GIBBS, M.A. (N.Z.), Ph.D. (London). Appointed 1957.
 RONALD EDGAR COOPER PENNY, B.A. (Melb.). Appointed 1958.
 PETER HELMUT GLOW, B.A. (Melb.), Ph.D. (London). Appointed 1959.

GEOGRAPHY**Professor:**

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

Senior Lecturers:

KEITH WESTHEAD THOMSON, B.A. (N.Z.), Ph.D. (Washington). Appointed Lecturer, 1953; Senior Lecturer, 1958.
 BRUCE MASON, B.Sc. Appointed 1959.

Lecturers:

GORDON ROSS COCHRANE, M.A. (N.Z.). Appointed 1957.
 ANN MARSHALL, M.Sc. (Melb.). Appointed Part-time Lecturer, 1940; Lecturer, 1958.
 CHARLES ROWLAND TWIDALE, M.Sc. (Bristol), Ph.D. (McGill). Appointed 1959.

Demonstrators:

ERLAND JEFFREY BROCK, B.A.
 WILLIAM JOHN HAYDEN SLAYTOR.

Part-time Tutor:

JAMES MALCOLM RICHMOND.

EDUCATION**Professor:**

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

Lecturer:

ERNEST ROE, M.A. (Oxford), B.Ed. (Qsld.). Appointed 1960.

Part-time Lecturers:

DANIEL ARTHUR DAVID, M.A. Appointed 1946.
 GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.P.H., D.T.M. (Syd.). Appointed 1951.
 RALPH KEITH MARTIN, B.Ed. (Melb.), B.A. Appointed 1955.
 ANNIE JOHNSON MILNE, B.A., Dip.Ed. Appointed 1959.

FACULTY OF ECONOMICS**ECONOMICS****The George Gollin Professor:**

PETER HENRY KARMEI, B.A. (Melb.), Ph.D. (Camb.). Appointed 1950.

Readers:

RONALD ROBERT HIRST, M.Ec. Appointed Lecturer, 1946; Reader, 1950.
 ERIC ALFRED RUSSELL, B.A., B.Com. (Melb.), M.A. (Camb.). Appointed Senior Lecturer, 1952; Reader, 1958.

Reader in Agricultural Economics:

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

Senior Lecturer:

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

Lecturers:

ROBERT HENRY WALLACE, B.Com. (Melb.), B.Phil. (Oxford). Appointed 1956.
 GEOFFREY COLIN HARCOURT, M.Com. (Melb.), Ph.D. (Camb.). Appointed 1958.
 DONALD HENRY WHITEHEAD, B.A. (Oxford). Appointed 1958.
 ALLAN DOUGLAS BARTON, B.Com. (Melb.). Appointed 1959.
 KEITH JOHN HANCOCK, B.A. (Melb.), Ph.D. (London). Appointed 1959.
 MAUREEN DORIS BRUNT, B.Com. (Melb.). Appointed 1960.

Tutor:

MARGARET EVELYN LAWRENCE, B.A.

Research Fellow (Commonwealth Bank Grant):

MICHAEL PHILIP SCHNEIDER, M.Sc. (Camb.), B.A.

Part-time Lecturer in Public Finance:

RONALD DAVID BARNES, B.Ec. Appointed 1959.

COMMERCE**Professor:**

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

Lecturers:

JAMES WILLIAM BENNETT, B.Com. (Melb.). Appointed 1958.
 ROBERT HENRY PARKER, B.Sc. (Econ.) (London), A.C.A. Appointed 1959.

Tutor:

KEITH GERALD JONES, B.Com. (Melb.).

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.

FACULTY OF SCIENCE**MATHEMATICS****The Elder Professor of Pure Mathematics and Head of the Department:**

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

Professor of Applied Mathematics:

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

Professor of Mathematical Statistics:

EDMUND ALFRED CORNISH, D.Sc. Appointed 1960.

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 BREARLEY, B.E. (W.A.), B.Sc. (Syd.), M.A. (Camb.), Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1958.
 DAVID ELLIOTT, M.Sc. (London), M.S.E. (Princeton). Appointed 1958.
 JAMES HENRY MICHAEL, Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1959.

Lecturers:

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

Tutor:

MARTA SVED, B.Sc.

Part-time Tutor:

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

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

STANLEY GORDON TOMLIN, Ph.D. (London). 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 Lec-
 turer, 1954.
 ROBERT WOODHOUSE CROMPTON, Ph.D. Appointed Lecturer, 1950; Senior
 Lecturer, 1959.
 WILLIAM GRAHAM ELFORD, Ph.D. Appointed Lecturer, 1950; Senior Lecturer,
 1959.
 DAVID JOHN SUTTON, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.
 EDWIN HARRY MEDLIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer,
 1960.

Lecturers:

MICHAEL ISAAC GLOVER ILIFFE, B.Sc. Appointed 1946.
 ARTHUR REGINALD BEVAN, B.Sc. (London), M.Sc. (Syd.) Appointed 1959.
 CHARLES JOHN EDGAR KEMPFSTER, M.A., Ph.D. (Camb.). Appointed 1959.
 ROBERT LAWRANCE, M.Sc., A.Inst.P. Appointed 1959.
 LEON GORDON ERICSON, Ph.D. Appointed 1960.

Senior Demonstrator:

VICTOR MITCHNIK, B.Sc. (M.I.T.), M.Sc. (Calif.).

Demonstrators:

DEAN ROBERT DOWLING.
 ROY EDWIN WHITE, B.A. (Camb.).

MATHEMATICAL PHYSICS**Professor:**

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

Reader:

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

Lecturer:

IAN ELLERY McCARTHY, Ph.D. Appointed 1960.

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

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

Senior Lecturers:

BRUCE OSWALD WEST, Ph.D. (Adel. and Camb.). Appointed Lecturer, 1950;
 Senior Lecturer, 1957.
 JACK ROBSON URWIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1959.
 PETER JOHN DUNLOP, B.Sc. (W.Aust.), Ph.D. (Wisconsin). Appointed 1959.

Lecturers:

STANLEY WALLACE KENNEDY, Ph.D. (Belfast). Appointed 1957.
 THOMAS KURUCSEV, Ph.D. Appointed 1958.
 THOMAS NORMAN BELL, Ph.D. (Durham). Appointed 1958.
 MAURICE LEON MARTIN, B.A., B.Sc., Dip.Ed. Appointed 1959.
 JOHN HEWLETT COATES, B.Sc. (Nottingham), Ph.D. Appointed in Agricultural
 Chemistry, 1957; Physical and Inorganic, 1959.
 ALEXANDER ADAMANTIOU DIAMANTIS, M.Sc. (Sydney), Ph.D., D.I.C. (Lon-
 don). Appointed 1959.
 BARRY JOHN STEEL, B.Sc. (W.A.). Appointed 1960.

ORGANIC CHEMISTRY**Professor:**

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

Readers:

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

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.
 PETER THOMAS GILHAM, M.Sc. (Sydney), Ph.D. (N.S.W.). Appointed 1959.

GEOLOGY AND MINERALOGY**Professor:**

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

Reader in Geology and Palaeontology:

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

Senior Lecturers:

ALFRED WILLIAM KLEEMAN, Ph.D. Appointed Lecturer, 1939; Senior Lec-
 turer, 1950.
 PAUL SAMUEL HOSSFELD, Ph.D. Appointed Temporary Lecturer, 1951; Lec-
 turer, 1954; Senior Lecturer, 1959.
 ROBERT LANGFORD OLIVER, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed Lec-
 turer, 1958; Senior Lecturer from July 1, 1960.

Lecturers:

JOHN BRETT JONES, B.Sc. (Qsld.), Ph.D. (Wisconsin). Appointed 1959.
 JAMES LAWRENCE TALBOT, B.A. (Camb.), M.A. (California). Appointed 1958.

Senior Demonstrators:

ELIZABETH MAUD McBRIAR, B.Sc. (Melb.).
 MARY JULIA WADE, Ph.D.

Demonstrators:

CHRISTOPHER CARL VON DER BORCH, B.Sc.
 KINGSLEY JOHN MILLS, B.Sc.

Laboratory Steward:

HECTOR EDWARD EARL BROCK.

ECONOMIC GEOLOGY**Professor:**

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

BOTANY**Professor:**

RUTHERFORD NESS ROBERTSON, B.Sc. (Syd.), Ph.D. (Camb.), F.A.A.

Senior Lecturers:

HUGH BRYAN SPENCER WOMERSLEY, Ph.D., D.Sc. 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. Appointed 1950.

Senior Demonstrator:

ELISE MARGARETTA WOLLASTON, A.U.A., B.Sc.

Demonstrators:

HELENE ALICE MARTIN, B.Sc.
 MARGARET ELVA JACKMAN, B.Sc.
 JUDITH EILEEN BROWN, B.Sc.

BIOLOGY**Senior Lecturer:**

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

Lecturer:

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

Senior Demonstrator:

ESTELLE ANNE SHEPLEY, M.Sc.

Demonstrator:

CAROLE JEAN HUTCHESON, B.Sc. (Aberdeen).

ZOOLOGY**Professor:**

WILLIAM PERCY ROGERS, M.Sc. (W.A.), Ph.D. (London), 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.
 GEOFFREY BRUCE SHARMAN, B.Sc. (Tas.). Appointed Lecturer, 1958; Senior Lecturer, 1959.

Senior Demonstrator:

LAURA MADELINE ANGEL, M.Sc.

Demonstrators:

LEOLA BETH TWIST, B.Sc.
 LYNETTE SAUNDERS, B.Sc. (W.A.).

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 (Wool Research Fund):

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

BIOCHEMISTRY AND GENERAL PHYSIOLOGY**Professor:**

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

Reader:

ERIC SPENCER HOLDSWORTH, Ph.D. (Leeds), F.R.I.C. Appointed 1958.

Senior Lecturer:

ALEXANDER BILTON ROY, Ph.D., D.Sc. (Edin.). Appointed 1959.

Lecturer:

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

Part-time Lecturer in Agricultural Biochemistry:

IVAN GEORGE JARRETT, M.Sc.

Demonstrators:

GRETEL MARY STANBURY, B.Sc.
 JOHN DALWOOD SALLIS, B.Sc.

Part-time Tutor:

JOAN BURTON PATON, M.Sc.

HUMAN PHYSIOLOGY AND PHARMACOLOGY**Professor:**

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

Reader:

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

Reader in Pharmacology:

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

Senior Lecturers:

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

Temporary Lecturers:

ALEXANDER GEOFFREY SANDISON, M.B., B.S. Appointed 1959.
 PETER GLYNN DELLOW, B.D.S., M.B., B.S. Appointed 1959.

Demonstrators:

BARBARA JOAN DENNIS, B.Sc.
 JOHN NELSON McNALLY, B.Sc.
 REGINALD BERNARD PORTER, B.Sc.

MICROBIOLOGY**Professor:**

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

Reader:

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

Lecturers:

FRANK MILES COLLINS, M.Sc. Appointed Assistant Lecturer and Demonstrator, 1952; Lecturer, 1954.
 CHARLES REINHOLD JENKIN, Ph.D. (London). Appointed 1960.

Part-time Lecturer in Medical Bacteriology:

JAMES ELVINS McCARTNEY, M.D. (Edin.).

Research Fellow (U.S. Grant):

EUGENE ROBIN JOSEPH PAVILLARD, M.B., B.S. (London). Appointed 1960.

Demonstrators:

ANTHONY HOWARD ROGERS, B.Sc.
 GORDON ERNEST SCHWAB, B.Sc.
 AILEEN JOYCE THOMPSON, B.Sc.

GENETICS**Professor:**

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

Senior Lecturers:

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

Lecturer:

DAVID LINDSAY HAYMAN, Ph.D. Appointed 1959.

Demonstrator:

JUDITH ANNE WINSTANEY BARLEY, B.Sc.

FACULTY OF AGRICULTURAL SCIENCE

and

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

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

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

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.

Virology:

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

Senior Lecturers:**Protein Chemistry (Commonwealth Bank Grant):**

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

Plant Biochemistry:

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

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

DENNIS JAMES GREENLAND, M.A., D.Phil. (Oxford). Appointed 1959.

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.

Protein Biochemistry (Wheat Industry Fund):

JANET SCOTT DOUGLAS GRAHAM, Ph.D. (St. Andrews). Appointed 1960.

Animal Biochemistry:

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

Analyst:

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

AGRONOMY**The Waite Professor of Agriculture and Head of the Department:**

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

Reader:

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

Senior Lecturers:**Plant Breeding and Genetics:**

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

Agronomy:

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

Senior Lecturer, 1958.

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

Senior Lecturer, 1959.

Agrostology:**Lecturers:****Botany:**

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

Agronomy:

JAMES KELVIN POWRIE, B.Sc. (Agric.)(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, M.Sc. (Agric.)(W.A.). Appointed 1956.

Animal Production (Wool Research Fund):

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

ENTOMOLOGY**Reader, and Head of Department:**

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

Senior Lecturers:

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

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

Senior Lecturer from July 1, 1960.

Lecturers:

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.

FURNESS DAVID MORGAN, M.Sc. (N.Z.), Ph.D. (Calif.). Appointed 1958.

Assistant Systematic Entomologist:

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

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

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

Senior Lecturer, 1951; Reader, 1958.

Senior Lecturers:**Microbiology:**

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

Plant Pathology:

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

Lecturers:**Plant Pathology:**

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

MAURICE VERNON CARTER, M.Ag.Sc. Appointed Research Officer, 1953;

Lecturer, 1956.

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

Lecturer, 1960.

Nematology:

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

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

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

Lecturers:

Plant Physiology:

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

LESLIE CODELL PALEG, B.A. (Wash.), Ph.D. (Iowa). Appointed 1957.

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

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

Horticulture:

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

OTHER OFFICERS

Reader in Biometrics:

Secretary:

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

Farm Manager:

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

Librarian:

SHIRLEY JEAN SUSMAN, B.Sc. Appointed 1951.

Photographer:

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

FACULTY OF ENGINEERING
CIVIL ENGINEERING

Professor:

FRANK BERTRAM BULL, M.A. (Camb.), B.Sc. (London). 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.

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

Lecturer:

DAVID STIRLING BROOKS, M.E. Appointed 1958.

ELECTRICAL ENGINEERING

Professor:

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

Reader:

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

Senior Lecturers:

GORDON ALBERT ROSE, B.E. Appointed 1958.

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

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

DAVID CHRISTIAN PAWSEY, B.E.E. (Melb.). Appointed Lecturer, 1952; Senior Lecturer from July 1, 1960.

Part-time Lecturers:

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

JOHN STUART PACKER, B.E. Appointed 1960.

KEITH DERWENT VAWSER, B.E. Appointed 1960.

MECHANICAL ENGINEERING

Professor:

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

Reader:

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

Senior Lecturers:

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

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

Senior Lecturer, 1959.

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

Lecturers:

JAMES HENRY FOWLER, B.E. Appointed 1956.
 ANTHONY GEORGE THOMPSON, B.E. (Auckland), A.M.Mech.E. Appointed 1958.
 ROBERT BRUCE KING, B.Sc. (Syd.), A.S.T.C. Appointed 1959.

Honorary Lecturer (and Head of the Department of Mechanical Engineering in the South Australian Institute of Technology):
 WALTER HERMAN SCHNEIDER, M.E.

Part-time Lecturer in Industrial Engineering:

DAVID LLEWELLYN ELIX, B.E. Appointed 1954.

MINING, METALLURGICAL AND CHEMICAL ENGINEERING

Professor, and Director of the Bonython Laboratories:

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

Reader in Mining Engineering:

Reader in Chemical Engineering:

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

Senior Lecturer in Chemical Engineering:

THOMAS OLIVER PENMAN, B.Sc. (Eng.) (London). Appointed Lecturer, 1955;
 Senior Lecturer, 1959.

Lecturer:

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

FACULTY OF LAW

The Bonython Professor of Laws:

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.

IGOR IVAR KAVASS, LL.B. (Melb.). Appointed 1959.

COLIN HOWARD, LL.M. (London). Appointed 1960.

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. Appointed 1956.

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. Appointed 1956.

In the Law of Contract:

RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford). Appointed 1958.

In Legal Ethics:

JOHN NEIL McEWIN, LL.B. Appointed 1953.

In Roman Law:

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

In Family Law:

ROMA FLINDERS MITCHELL, LL.B. Appointed 1960.

In Taxation Law:

ALEXANDER KEITH SANGSTER, LL.B. Appointed 1960.

Tutors:

HORST KLAUS LÜCKE, Dr.Jur. (Cologne).

WILLIAM RODOLPH CORNISH, LL.B.

FACULTY OF MEDICINE

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

STUDIES IN HUMANITIES FOR MEDICAL STUDENTS

Reader:

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

ANATOMY AND HISTOLOGY

The Elder Professor:

ANDREW ARTHUR ABBIE, M.D., B.S., D.Sc. (Syd.), Ph.D. (London), 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:

Lecturers:

ROBERT ANGUS BARBOUR, M.B., B.S. Appointed 1956.
GRAEME SORBY ADAMS, M.B., B.S. Appointed 1959.
ALBERT RAYMOND ANDERSON, M.B., B.S. Appointed 1959.

Lecturer in Histology:

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

Senior Demonstrator in Histology:

JUDITH SCHRODER, B.Sc.

PATHOLOGY

The George Richard Marks Professor:

JAMES STRUAN ROBERTSON, M.B., B.S. (Syd.), D.Phil. (Oxford). 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.D. Appointed Temporary Lecturer, 1956;
Lecturer, 1957.
ATHOL WILLIAM JOHN LYKKE, M.B., B.S. Appointed Temporary Lecturer,
1959; Lecturer, 1959.

Temporary Lecturer:

LEONARD RAYMOND MATZ, M.B., B.S. Appointed 1960.

MEDICINE

The Mortlock Professor:

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

Reader:

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

Senior Lecturer:

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

Part-time Lecturers:

In Medicine at the Royal Adelaide Hospital:

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

In Medicine at the Queen Elizabeth Hospital:

ROBIN ARCHIBALD BURSTON, M.B., B.S., M.R.C.P., M.R.A.C.P. Appointed
1960.

In Psychological Medicine:

HARRY MILTON SOUTHWOOD, B.Sc., M.D. Appointed 1949.

In Pulmonary Tuberculosis:

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

Part-time Tutors:

In Medicine at the Royal Adelaide Hospital:

IVAN MAURICE HENRY CAMENS, M.B., B.S., M.R.A.C.P.
DAVID EVERSON DUNN, M.B., B.S., M.R.C.P.
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.
SOLOMON POSEN, M.B., B.S., M.R.C.P., M.R.A.C.P.
RICHARD HAROLD CHARLES RISCHBIETH, M.B., B.S., M.R.C.P., M.R.A.C.P.

In Medicine at the Queen Elizabeth Hospital:

PETER MURRAY LAST, M.B., B.S., M.R.A.C.P.
STEPHEN CHARLES MILAZZO, M.B., B.S., M.R.A.C.P.
ARTHUR JOHN WATSON, M.B., B.S.

In Infectious Diseases:

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

In Clinical Psychiatry:

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

Teaching Registrar in Medicine, Queen Elizabeth Hospital:

MALCOLM WILLIAM BEGG, M.B., B.S.

Full-time Assistant to the Professor:
ROBERT LEY HODGE, M.B., B.S.

Michell Research Worker:

Research Fellow:

MARGARET ANNE KINLOUGH, M.B., B.S.

SURGERY

Professor:

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

Reader:

BERNARD NEWMAN CATCHPOLE, M.D., Ch.M. (Manc.), F.R.C.S. (Eng.). Ap-
pointed 1959.

Part-time Senior Lecturers:

At the Royal Adelaide Hospital:

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

At the Queen Elizabeth Hospital:

LOUIS JONAH OPIT, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. Appointed 1959.

Part-time Lecturers:

In Surgery at the Royal Adelaide Hospital:

JOHN RUSSELL BARBOUR, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1954.

ALISTAIR CAMPBELL McEACHERN, M.B., M.S.,

ALAN HARDING LENDON, M.B., B.S., F.R.C.S. Appointed 1959.

In Surgery at the Queen Elizabeth Hospital:

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

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:

ALFRED SYDNEY DE BOHUN COCKS, M.S., D.L.O., F.R.A.C.S.

In Surgical Diseases of Children:

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

In Anaesthetics:

NORMAN GRAEME MARSHALL, M.B., Ch.B. (N.Z.), D.A., F.F.A., R.C.S. and
R.C.A.S. Appointed 1959.

Part-time Tutors:

In Surgery and Applied Anatomy at the Royal Adelaide Hospital:

JOHN ROBERT BADGER, M.B., B.S.

ALLAN GORDON CAMPBELL, M.B., M.S., F.R.C.S.

BRIAN LESLIE CORNISH, M.B., B.S.

LEHONDE LUCAS HOARE, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.

RONALD HUNTER, M.B., B.S.

DONALD STUART KIDD, M.B., B.S., F.R.C.S., F.R.A.C.S.

DONALD BARTON McLEAY, M.B., B.S., 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 VENNER, 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 Surgery and Applied Anatomy at the Queen Elizabeth Hospital:

COLIN GORDON PAULL, M.B., B.S.

WILLIAM DAVID PROUDMAN, M.B., B.S.

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

In Surgical Pediatrics at the Adelaide Children's Hospital:

GEOFFREY GURNER WYLLIE, M.B., B.S.

Teaching Registrar in Surgery at the Royal Adelaide Hospital:

RICHARD ANTHONY RIEGER, M.B., B.S.

Teaching Registrar in Surgery at the Queen Elizabeth Hospital:

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

OBSTETRICS AND GYNAECOLOGY

Professor:

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

Reader:

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

Senior Lecturer:

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

Dr. Edward Willis Way Part-time Lecturer in Gynaecology:

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

Part-time Tutors:

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

Part-time Tutor in Mothercraft:

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

CHILD HEALTH**Professor:**

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

Part-time Tutors in Paediatrics:**At the Adelaide Children's Hospital:**

THOMAS HUDSON BEARE, M.B., B.S., M.R.C.P., M.R.A.C.P.
 HUGH MATHESON DOUGLAS, M.B., B.S.

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.

OTHER PART-TIME OFFICERS**Lecturer in Public Health and Preventive Medicine:**

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

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.

FACULTY OF DENTISTRY**Professor of Dental Science:**

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

Demonstrator:

LORIMER JUDITH KAY, B.D.S.

PROSTHETIC DENTISTRY**Reader:**

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

Part-time Lecturer:

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

Part-time Demonstrators:

JOHN BLUM, B.D.S. Appointed 1959.
 KENNETH AYLESBURY BROWN, B.D.S. Appointed 1959.
 REUBEN JOHN MYHILL, B.D.S. Appointed 1956.
 CHRISTOPHER MALCOLM SOMERVILLE, B.D.S. Appointed 1954.

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:

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed 1960.
 HAROLD VERNON CLARKE, B.D.S. Appointed 1949.
 JOHN FRANCIS BURROW, B.D.S. Appointed 1960.
 REGINALD FRANK HARRINGTON, B.D.S. Appointed 1960.
 GLENN MILLHOUSE, B.D.S. Appointed 1952.
 ROGER GEORGE WILLOUGHBY, M.D.S. Appointed 1947.

Part-time Tutor in Children's Dentistry:

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

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

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

Part-time Tutor:

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

DENTAL ANATOMY**Lecturer:**

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

DENTAL SURGERY AND PATHOLOGY**Reader:**

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

Senior Lecturer:

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

Part-time Tutors:

KEVIN READING MOORE, B.D.S. Appointed 1959.

THOMAS BRUCE LINDSAY, M.B., B.S., M.D.S. Appointed 1960.

ORTHODONTIA**Part-time Lecturer:**

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

Part-time Tutor:

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

PERIODONTIA**Lecturer:**

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

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:

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

Principles of Dental Practice:

ROGER GEORGE WILLOUGHBY, M.D.S. Appointed 1960.

Children's Dentistry:

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

PART-TIME LECTURER AND INSTRUCTOR**Anaesthesia:**

ROBERT JAMES SWEENEY, M.B., B.S. Appointed 1960.

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.

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

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

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

THEORETICAL SCHOOL**Senior Lecturer:**

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

Lecturers:

JACK VERNON PETERS, B.Mus. (Durham), Mus.D. (N.Z.), A.D.C.M., F.R.C.O. (Ch.M.), F.T.C.L. Appointed 1953.

HAROLD FAIRHURST. Appointed 1953.

Part-time Lecturer:

ALISON JOYCE HOLDER, Mus.Bac.

Tutor:

JAMES COBURN GOVENLOCK, Mus.Bac.

PRACTICAL SCHOOL**Pianoforte:**

HARRY LANCELOT DOSSOR, A.R.C.M.
 JOHN ADAM HORNER, F.R.C.O., L.R.A.M.
 CLEMENS THEODOR LESKE, Mus.Bac. (Melb.).
 ENID WILLIAMS.

Organ:

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

Singing:

ARNOLD MATTERS.
 BARBARA HOWARD.
 DIANA LIMB.
 RICHARD WATSON.

Violin and Viola:

LLOYD DAVIES.
 HAROLD FAIRHURST.
 LADISLAV JASEK.
 NORA WHITEHEAD.

Violoncello:

JAMES WHITEHEAD, A.R.C.M.
 JOHN DAVID BISHOP.

Flute:

KEITH YELLAND.
 DAVID CUBBIN.

Oboe:

NOEL POST.

Clarinet:

CLEVE MARTIN.
 KEVIN MURPHY.

Bassoon:

JOHN GEORGE GOOD.

French Horn:

STAN FRY.

Trumpet:

LEONARD TAYLOR

Percussion:

RICHARD SMITH.

Harp:

HUW JONES.

Double Bass:

ARTHUR BONE.

Orchestra and Chamber Music:

PROFESSOR JOHN BISHOP.
 LLOYD DAVIES.
 LADISLAV JASEK.
 HAROLD FAIRHURST.
 JOHN GEORGE GOOD.

Opera:

ARNOLD MATTERS.
 BARBARA HOWARD.

Speech Training and Drama:

FRANK JOHNSTON.

Theory:

DAVID MORGAN, A.R.C.M.

Aural Culture and Musical Appreciation:

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

Accompanists:

ALISON HOLDER, Mus.Bac.
 DOROTHY OLDHAM, A.U.A.

Accompanying:

ENID WILLIAMS.

Italian:

GEORGE MASERO.

German:

EDITH DUBSKY.

French:

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

OTHER OFFICERS**Administrative Assistant:**

JOHN LEONARD PORTER.

Librarian:

WERNER GALLUSSER, Ph.D. (Zurich).

FACULTY OF ARCHITECTURE AND TOWN PLANNING

Professor of Architecture:

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

Senior Lecturers:

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

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

Part-time Lecturers:

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

HERBERT CALDERBANK GREEN, Dip.Arch., Dip.T.P., M.Sc.(Arch.Eng.) (Iowa).

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

ERIC EMIL VON SCHRAMEK, A.R.I.B.A., A.R.A.I.A., Dip.Eng.

FACULTY OF TECHNOLOGY

ARCHITECTURE

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

ARTHUR ALFRED PHILPOT, A.R.I.B.A., A.R.A.I.A., A.M.T.P.I.

ROBERT EDWARD GREENWAY, M.A. (Camb.), A.R.I.B.A., A.R.A.I.A.

CIVIL ENGINEERING

FREDERICK ARTHUR HAAS, Dip.Eng. (Head of Department).

DONALD CHARLES CANTY, L.S.

KENNETH CHARLES PILE, B.E., A.M.I.E.A.

BRIAN PRESTON OPIE, Ph.D. (Durham), B.E., A.M.I.E.A.

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. (Head of Department).

REGINALD HENRY HEALEY, D.Sc. (Syd.), F.Inst.P.

DONALD WARD GRIFFIN, B.E., F.S.A.S.M., A.M.I.E.E.

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).

ERIC ARTHUR TAMLIN, B.Sc. (Mathematics).

JOHN ARTHUR WESTPHALEN, B.Sc. (Physics).

WILLIAM STEVENSON BOUNDY, B.Sc., Dip.Ed. (Mathematics).

DESMOND JOHN CLARKE, B.Sc. (W.A.) (Mathematics).

CHRISTOPHER CANDLER, M.A. (Camb.), Dip.Ed. (London) (Physics).

MECHANICAL ENGINEERING

WALTER HERMAN SCHNEIDER, B.Com. (Tas.), M.E. (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).

BRUCE EDWARD FREDERICK MALONE, B.Tech. (Engineering Drawing and Design).

DONALD CHARLES McDONALD, A.S.A.S.M. (Engineering Drawing and Design).

BERT VAN DAAL, Dip.Mech.Eng. (Holland) (Engineering Drawing and Design).

JACK HUBERT BARTHOLOMEW (Workshop Practice).

MINING, METALLURGICAL AND CHEMICAL ENGINEERING

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

(Head of Department and Director of the Bonython Laboratories).

DUGALD HAUGHTON SLEE, B.A., B.Sc. (Chemistry).

ROY VERNON CULVER, B.Sc., Ph.D., A.S.A.S.M., I.D.I.C. (Applied Chemistry).

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

MALCOLM HILL, B.E., F.S.A.S.M. (Mineral Dressing).

REGINALD EDWARD UNDERDOWN, M.Sc., B.Tech., A.U.A. (Industrial Instrumentation).

FRANTISEK VNUK, B.A., B.Sc., A.S.A.S.M. (Physical Metallurgy).

HARRY WATTS, B.Sc., Ph.D. (Bristol), (Applied Physical Chemistry).

JAMES DURIE ESDAILE, B.E.

DEPARTMENT OF PHARMACY

Senior Lecturer on Materia Medica, Pharmacy, and Dispensing:

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

Lecturer in Pharmacy:

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

- Temporary Lecturer:**
BERESFORD HANNAM STOCK, A.U.A.
- Part-time Lecturers:**
In Forensic Pharmacy:
RODERICK CHARLES McCARTHY, A.U.A.
In Commercial Pharmacy:
RODERICK CHARLES McCARTHY, A.U.A.

DEPARTMENT OF PHYSICAL EDUCATION

- Senior Lecturer-in-Charge:**
BERT FREDERICK GEORGE APPS, B.A., Dip.Ed., D.P.E. (Melb.). Appointed Lecturer-in-Charge, 1947; Senior Lecturer-in-Charge, 1950.
- Lecturers:**
ELIZABETH MERYON BARWELL, D.P.E. (Bedford), M.C.S.P. (London). Appointed 1948.
ANTONY WILLIAM SEDGWICK, B.A. (Birmingham). Appointed 1959.

DEPARTMENT OF SOCIAL STUDIES

- Senior Lecturer-in-Charge:**
RAYMOND GEORGE BROWN, B.A., Dip.Soc.Stud. (Melb.), M.S.S. (Bryn Mawr), Ph.D. (Birm.). Appointed 1959.
- 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.

DEPARTMENT OF PHYSIOTHERAPY

- Lecturer-in-Charge:**
ELMA GERTRUDE CASELY, T.M.M.G. Appointed 1946.
- Lecturer:**
MARIE JOAN HAMMOND, A.U.A., T.M.M.G., T.E.T. Appointed 1960.
- Part-time Lecturers:**
In Physics of Medical Electricity:
ROY STANLEY BURDON, D.Sc.
In Electrotherapy:
HONOR CAMERON WILSON.
In Theory of Movement:
MARY KELL FINNIS
In Pathology:
ROBERT MEADOWS, M.B., Ch.B. (St. Andrews).
- Part-time Tutors:**
In practical Electrotherapy:
HONOR CAMERON WILSON.
CLARE ANNE HANNAFORD, A.U.A.
GARY COLIN GRAY, A.U.A.
In General Treatments:
CLARE ANNE HANNAFORD, A.U.A.
GEOFFREY DOUGLAS MAITLAND, A.U.A.
In Children's Treatments:
HELEN SCOTT BLAIR.
MARY KELL FINNIS.
LOIS HEATH DAVISON.

ANTI-CANCER COMMITTEE

- Chairman of the Committee and Hon. Radiotherapist R.A.H.:**
BERTRAM SPEAKMAN HANSON, D.S.O., O.B.E., E.D., M.B., B.S., F.C.R.A.
- Senior Physicist:**
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:**
JUDITH MARIE HAYWARD, B.Sc. Appointed 1960.
- Neoplasm Registrar:**
ELMA SANDFORD MORGAN, M.B., B.S.

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-CHANCELLORS

THE RIGHT REVEREND AUGUSTUS SHORT, D.D., Bishop of Adelaide. Appointed 1874;
 elected Chancellor 1876.
 THE RIGHT HONOURABLE SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D., Chief
 Justice of South Australia. Appointed 1876; elected Chancellor 1883.
 THE REVEREND WILLIAM ROBY FLETCHER, M.A., 1883-1887.
 THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1887-1893.
 JOHN ANDERSON HARTLEY, B.A., B.Sc., Inspector-General of Schools, 1893-1896.
 WILLIAM BARLOW, C.M.G., LL.D., 1896-1915.
 THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,
 Judge of the Supreme Court. Appointed 1915; elected Chancellor, 1916.
 PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A. Appointed 1916; elected 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 CHAFFLE, 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.
 THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B., 1945-59.

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.

CHAIRMAN OF THE FINANCE COMMITTEE

THE CHANCELLOR, 1887-1893.
 THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1894-1896.
 THE VICE-CHANCELLOR, 1897-1904.
 SAMUEL JOSHUA JACOBS, J.P., 1905-1912.
 SIR GEORGE BROOKMAN, K.B.E., 1913-1926.
 SIR WALTER JAMES YOUNG, K.B.E., 1927-1935.
 SIR WILLIAM GEORGE TOOF GOODMAN, Kt., M.I.C.E., M.I.E.E., M.I.E. (Aust.), 1936-
 1953.

CHAIRMAN OF THE EDUCATION COMMITTEE

THE CHANCELLOR, 1883-1953.
 PROFESSOR ERIC AROHA RUDD, A.M. (Harvard), B.Sc., 1954-1955.
 PROFESSOR PETER HENRY KARMEL, B.A. (Melb.), Ph.D. (Camb.), 1956-1957.
 PROFESSOR LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), 1958-1959.

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. (Oxford and Liv.), Litt.D. (Melb.),
 1922-1930.
 JOHN INNES MACKINTOSH STEWART, M.A. (Oxford), 1935-1945.
 CHARLES RISCHEITH JURY, M.A. (Oxford), 1946-1949.
 DAVID NICHOL SMITH, D. Litt. (Camb. and Durham), LL.D. (Glas. and Edin),
 F.B.A., 1950-1951.
 ALEXANDER NORMAN JEFFARES, Ph.D. (Dublin), D.Phil. (Oxford), 1951-1956.

Modern History and English Language and Literature:

ROBERT LANGTON DOUGLAS, M.A. (Oxford), 1900-1902.

Modern History:

GEORGE COCKBURN HENDERSON, M.A., 1902-1924 (Emeritus, 1923).

WILLIAM KEITH HANCOCK, M.A. (Oxford), 1926-1933.

Political Science and History:

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

Economics:

LESLIE GALFRIED MELVILLE, B.Ec. (Syd.), F.I.A. (Lond.), 1929-1931.

EDWARD OWEN GIBLIN SHANN, M.A. (Melb.), 1935.

KEITH SYDNEY GEORGE ISLES, B.Com. (Tas.), M.A., M.Sc. (Camb.), 1939-1945.

JOHN HEDLEY BRIAN TEW, B.Sc. (Econ.) (Lon.), Ph.D. (Camb.), 1946-1949.

Mathematics and Physics:

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

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

Mathematics:

JOHN RAYMOND WILTON, Sc.D. (Camb.), D.Sc., 1920-1944.

HAROLD WILLIAM SANDERS, M.A. (Camb.), Lecturer, 1923-1943; Professor, 1944-1958 (Emeritus, 1959).

Physics:

SIR KERR GRANT, M.Sc. (Melb.), F.Inst.P.; Acting Professor, 1909-1910; Professor, 1911-1943 (Emeritus, 1949).

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

Chemistry:

EDWARD HENRY RENNIE, M.A. (Syd.), D.Sc. (Lond. and Melb.), 1884-1927.

ALEXANDER KILLEN MACBETH, C.M.G., M.A. (St. And.), D.Sc. (Belg.), 1928-1954 (Emeritus, 1955).

Natural Science:

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

Geology and Palaeontology:

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

Geology and Mineralogy:

SIR DOUGLAS MAWSON, 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.

JOSEPH GARNETT WOOD, Ph.D. (Camb.), D.Sc., F.A.A.; Lecturer 1927-1934; Professor, 1935-1959.

Zoology:

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

Biochemistry and General Physiology:

THORBURN BRAILSFORD ROBERTSON, Ph.D. (Cal.), D.Sc. (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:

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

Bacteriology:

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

Agricultural Chemistry:

JAMES ARTHUR PRESCOTT, C.B.E., D.Sc., F.R.S., 1924-1955 (Emeritus, 1956).

Agriculture:

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

Agronomy:

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

Entomology:

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

Engineering:

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

Civil Engineering:

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

Mining and Metallurgy:

HERBERT WILLIAM GARTRELL, M.A., 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), B.A., 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.
 HERBERT HENRY WOOLLARD, M.D., D.Sc. (Melb.), 1927-1929.
 HERBERT JOHN WILKINSON, M.D. (Syd.), B.A., 1930-1936.
 FRANK GOLDBY, M.A., M.D. (Camb.), M.R.C.P. (Lond.), 1937-1944.

Pathology:

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

Experimental Medicine:

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

Music:

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

Genetics:

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

Dental Science:

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

Medicine:

LECTURERS (*honoris causâ*)

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

Surgery:

BENJAMIN POULTON, M.D.

Materia Medica and Therapeutics:

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

Gynaecology:

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

Obstetrics:

ALFRED AUSTIN LENDON, M.D.

FORMER REGISTRARS

WILLIAM BARLOW, B.A., LL.D., 1874-1882.
 JOHN WALTER TYAS, 1882-1892.
 CHARLES REYNOLDS HODGE, 1892-1924. Entered the service of the University, 1884.
 FREDERICK WILLIAM EARDLEY, B.A., A.I.A.S.A., 1924-1944. Appointed Accountant, 1900; Assistant Registrar, 1911; Registrar, 1924.
 ALBERT WILLIAM BAMPTON, A.I.A.S.A. Accountant, 1924; Acting Registrar, 1945; Registrar and Accountant, 1947-1950; Registrar, 1951-1954.

FORMER LIBRARIAN

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

CLINICAL TEACHERS

Royal Adelaide Hospital

Hon. Physicians:

J. M. BONNIN, M.D., B.S. (Adel.), M.R.C.P. (Lond.), M.R.A.C.F.
 M. E. CHINNER, M.D., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
 J. L. HAYWARD, M.D., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
 R. A. A. PELLEW, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
 PROFESSOR H. N. ROBSON, M.B., Ch.B. (Edin.), M.R.C.P. (Lond.), F.R.C.P. (Edin.)
 C. B. SANGSTER, M.D. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
 R. F. WEST, M.D. (Adel.), M.R.C.P. (Lond.), M.R.A.C.F.

Hon. Assistant Physicians:

R. C. ANGOVE, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.F.
 I. M. H. CAMENS, M.B., B.S. (Adel.), M.R.A.C.F.
 H. R. GILMORE, M.B., B.S. (Adel.), M.R.C.P. (Lond.), M.R.A.C.F.
 R. HECKER, M.D. (Adel.), D.T.M. and H. (Liv.), M.R.C.P. (Lond.), M.R.A.C.F.
 W. M. IRWIN, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.F.
 R. E. BRITTEN JONES, M.D. (Adel.), M.R.C.P. (Lond.), M.R.A.C.F.
 H. LANDER, M.B., B.S. (Adel.), M.R.A.C.F.

Hon. Clinical Assistants to Medical Section:

- D. E. DUNN, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
 D. P. FINNEGAN, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.P. (Lond.), B.D.S. (Lond.), L.D.S.R.C.S. (Eng.).
 D. A. HICKS, M.B., B.S. (Adel.), M.R.A.C.P.
 M. E. LINDON, M.B., B.S. (Adel.).
 S. C. MILAZZO, M.B., B.S. (Adel.), M.R.A.C.P.
 N. J. MITCHELL, M.B., B.S. (Adel.).
 R. E. RUSSELL, M.B., B.S. (Adel.), M.R.A.C.P.
 D. W. SHEPHERD, M.B., B.S. (Adel.).
 M. L. WELLBY, M.Sc., M.B., B.S. (Adel.).
 R. L. WILLING, M.B., B.S. (Adel.).

Hon. Surgeons:

- B. N. CATCHPOLE, M.D., Ch.M. (Manc.), F.R.C.S. (Eng.).
 J. E. HUGHES, M.B., M.S. (Adel.), F.R.A.C.S.
 PROFESSOR R. P. JEPSON, B.Sc., M.B., Ch.B. (Manc.), F.R.C.S. (Eng.).
 S. KRANTZ, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 O. W. LEITCH, M.B., M.S. (Adel.), F.R.A.C.S.
 A. H. LENDON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 A. C. McEACHERN, M.B., M.S. (Adel.), F.R.C.S. (Eng. and Edin.), F.R.A.C.S.
 L. J. T. PELLEW, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Assistant Surgeons:

- A. G. CAMPBELL, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 L. L. HOARE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 R. HUNTER, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S.
 M. K. SMITH, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 B. F. VENNOR, M.B., B.S. (Adel.), M.S. (Melb.), F.R.C.S. (Eng.), F.R.A.C.S.
 C. G. WILSON, M.B., B.S. (Adel.), F.R.C.S. (Eng. and Edin.), F.R.A.C.S.

Hon. Clinical Assistants to Surgical Section:

- J. R. BADGER, M.B., B.S. (Adel.), F.R.C.S. (Eng. and Edin.).
 R. B. JONES, M.B., B.S. (Adel.), F.R.C.S.
 S. C. KERR, M.B., B.S. (Adel.).
 D. S. KIDD, M.B., B.S. (Sydney), F.R.C.S. (Eng.), F.R.A.C.S.
 D. B. McLEAY, M.B., B.S. (Adel.), F.R.A.C.S.
 E. C. SCANLON, M.B., B.S. (Lond.).

Hon. Orthopaedic Surgeons:

- J. R. BARBOUR, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 N. P. WILSON, M.B., B.S. (Melb.), F.R.C.S. (Edin.), F.R.A.C.S.

Hon. Assistant Surgeons, Orthopaedic Department:

- W. J. BETTS, M.B., B.S. (Adel.), M.Ch.Orth. (Liv.), F.R.A.C.S.
 G. A. JOSE, M.B., B.S. (Adel.), M.Ch.Orth. (Liv.), F.R.C.S. (Edin.), F.R.A.C.S.

Hon. Clinical Assistants, Orthopaedic Department:

- L. BONNIN, M.B., B.S. (Adel.), M.Ch.Orth. (Liv.), F.R.C.S. (Eng.), F.R.A.C.S.
 B. L. CORNISH, M.B., B.S. (Adel.), F.R.C.S. (Edin. and Eng.), F.R.A.C.S.
 M. Y. SHEPPARD, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 J. UPSDELL, M.A., M.B., Ch.B. (Camb.), L.R.C.P. (Lond.), F.R.C.S. (Eng.).

Hon. Assistant Surgeon in Charge of Urological Unit:

- J. P. MADDERN, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Clinical Assistant, Urological Department:

- G. W. VERCO, M.B., B.S. (Adel.), F.R.A.C.S.

Hon. Surgeon in Charge of Thoracic Surgery Unit:

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

Hon. Surgeon, Neurosurgical Clinic:

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

Hon. Neurologist:

- J. V. GORDON, M.D., B.S. (Adel.), M.R.C.P. (Lond.), M.R.A.C.P.

Hon. Consulting Gynaecologist:

- PROFESSOR L. W. COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S., M.R.C.O.G.

Hon. Gynaecologists:

- A. D. BYRNE, M.B., B.S. (Adel.), M.R.C.O.G.
 R. L. VERCO, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.

Hon. Assistant Gynaecologists:

- G. W. E. AITKEN, M.B., B.S. (Adel.), M.R.C.O.G.
 R. M. MACINTOSH, M.B., B.S. (Adel.), M.R.C.O.G. (Lond.), D.C.O. (Melb.), F.R.A.C.S.

Hon. Clinical Assistants to Gynaecological Section:

- K. G. BALL, M.B., B.S. (Adel.), M.R.C.O.G.
 R. M. C. G. BEARD, M.B., B.S. (Adel.), M.R.C.O.G. (Lond.).
 H. F. HUSTLER, M.B., B.S. (Melb.), D.F.H. (Syd.).
 R. A. KENIHAN, M.B., B.S. (Adel.), M.R.C.O.G.
 R. S. WURM, M.B., B.S. (Adel.), M.R.C.O.G.

Hon. Ophthalmologists:

D. W. BRUMMITT, M.B., B.S. (Adel.), D.O. (Melb.),
 D. O. CROMPTON, M.B., B.S. (Adel.), D.O. (Melb.), F.R.A.C.S.
 T. L. McLARTY, M.D. (Adel.), D.O.M.S. (Eng.).

Hon. Assistant Ophthalmologists:

M. C. MOORE, M.B., B.S. (Adel.), D.O. (Syd.).
 J. H. SLADE, M.B., B.S. (Adel.), D.O., R.C.P. and S. (Eng.).
 C. S. SWAN, D.Sc., M.D. (Adel.), D.O.M.S. (Eng.), R.C.O. (Lond.), R.C.S. (Eng.),
 M.R.P.A.

Hon. Clinical Assistants to the Ophthalmic Department:

D. M. BRANSON, M.B., B.S. (Adel.), D.O. (Melb.).
 H. A. HANDLEY, M.B., B.S. (Adel.), D.O. (Syd.).
 J. D. LISTER, M.B., B.S. (Adel.), D.O. (Syd.).
 P. J. STOBIE, M.B., B.S. (Adel.), D.O. (Melb.).
 D. O. TONKIN, M.B., B.S. (Adel.).

Hon. Aural Surgeons:

A. S. deB. COCKS, M.B., M.S. (Adel.), D.L.O. (R.C.P. and S.) (Eng.), F.R.A.C.S.
 R. N. REILLY, M.B., B.S. (Adel.), D.L.O. (Melb.), F.R.A.C.S.

Hon. Assistant Aural Surgeons:

R. G. PLUMMER, M.B., B.S. (Adel.), F.R.A.C.S.
 R. E. CRISTWOOD, M.B., Ch.B. (Edin.), F.R.C.S. (Edin.).

Hon. Clinical Assistants to the Ear, Nose and Throat Department:

C. J. McLEAY, M.B., B.S. (Adel.).

Hon. Dermatologists:

A. J. HAKENDORF, M.B., B.S. (Adel.), D.D.M. (Syd.).
 F. G. T. TURNER, M.B., B.S. (Melb.), D.D.M. (Syd.).

Hon. Clinical Assistants to Dermatological Section:

R. W. L. CROSBY, M.B., B.S. (Adel.).
 A. H. FINGER, M.B., B.S. (Melb.), D.P.H. (Syd.).
 F. I. FLAHERTY, M.B., B.S. (Adel.).
 H. W. LINN, M.D., B.S. (Adel.), D.D.M. (Syd.).

Assistant Director, Radiotherapy Department:

W. C. WOODS, M.B. (Syd.), D.T.R. (Syd.), F.F.A. (Eng.).

Senior Staff Radiologist:

H. JACOBS, M.B., Ch.B. (N.Z.), D.M.R.D. (R.C.P. and S.).

Hon. Radiologist:

R. de G. BURNARD, M.B., B.S. (Adel.), M.C.R. (Aust. and N.Z.), F.C.R.A.

Hon. Assistant Radiologists:

M. D. BEGLEY, M.B., B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.D.R.
 (Melb.), M.C.R.A., M.R.A.C.P., F.F.R.
 G. A. JONES, M.B., B.S. (Adel.), M.C.R.A., D.D.R. (Melb.).
 W. G. NORMAN, M.B., B.S. (Adel.), D.D.R. (Melb.), M.C.R.A.
 R. J. S. WALKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.M.R.D. (Eng.).

Hon. Clinical Assistants to Radiological Section:

D. E. NAIRN, M.B., B.S. (Adel.)
 L. V. FERRETT, M.B., B.S. (Adel.), M.C.R.A.

Hon. Radiotherapist:

B. S. HANSON, M.B., B.S. (Adel.), F.C.R.A.

Senior Hon. Assistant Radiotherapist:

C. M. GURNER, M.B., B.S. (Adel.), F.C.R.A., M.A.C.R. (U.S.A.).

Hon. Assistant Radiotherapist:

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

Hon. Clinical Assistant to Radiotherapy Department:

G. F. DONALD, M.B., B.S. (Syd.), D.D.M. (Syd.).

Hon. Pathologist:

PROFESSOR J. S. ROBERTSON, M.B., B.S. (Syd.), D.Phil. (Oxford).

Hon. Consulting Clinical Pathologist:

J. A. BÖNNIN, M.D., B.S. (Adel.), M.C.P.A., M.R.A.C.P.

Hon. Consulting Surgical Pathologist:

E. G. HARDY, M.B., Ch.B. (Leeds), D.T.M. and H. (R.C.P. and S.).

Hon. Assistant Pathologist:

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

Hon. Clinical Assistant in Pathology:

P. R. HODGE, M.B., B.S. (Adel.), M.R.A.C.P.
 A. W. J. LYKKE, M.B., B.S. (Adel.).
 K. D. MURRAY, M.B., B.S. (Syd.).
 R. K. PAK POY, M.D. (Adel.).

Hon. Consulting Anatomist:

PROFESSOR A. A. ABBIE, M.D., D.Sc. (Syd.), Ph.D. (Lond.).

Hon. Consulting Biochemist:

PROFESSOR SIR MARK MITCHELL, M.Sc.

- Hon. Consulting Physiologist:
PROFESSOR R. F. WHELAN, M.D., Ph.D. (Belfast).
- Hon. Consulting Bacteriologist:
K. F. ANDERSON, M.D. (Lond.).
- Hon. Allergist:
R. M. FORD, M.D. (Adel.).
- Hon. Clinical Assistant to Allergy Clinic:
P. P. BATEMAN, M.B., B.S. (Adel.).
- Hon. Cardiologist:
J. M. McPHIE, M.D. (Adel.), M.R.A.C.P.
- Hon. Clinical Assistants to the Cardiac Clinic:
J. R. MARSHALL, M.B., Ch.B. (Belfast).
R. E. RUSSELL, M.B., B.S. (Adel.), M.R.A.C.P.
- Hon. Consulting Haematologist:
W. E. R. HACKETT, M.D., Ch.B. (Dublin).
- Hon. Plastic Surgeon:
D. N. ROBINSON, M.B., B.S. (Adel.).
- Hon. Assistant Physician in Charge of Diabetic Clinic:
D. A. HICKS, M.B., B.S. (Adel.), M.R.A.C.P.
- Director of Anaesthesia:
N. G. MARSHALL, M.B., Ch.B. (N.Z.), D.A. (R.C.P. and S.), F.F.A. (R.C.S.),
F.F.A. (R.A.C.S.).
- Assistant Director of Anaesthesia:
P. M. DANIELS, M.B., B.S. (Lond.), L.R.C.P. (Eng.), M.R.C.S. (Eng.), D.A.
(R.C.P. and S.).
- Hon. Anaesthetists:
J. E. BARKER, M.R.C.S. (Eng), L.R.C.P. (Lond.), M.F.A. (R.A.C.S.).
MARY T. BURNELL, M.B., B.S. (Adel.), F.F.A. (R.A.C.S.).
- Hon. Assistant Anaesthetists:
H. J. ELLIS, M.B., B.S., D.A.
J. A. FERRIS, B.Sc., M.B., B.S. (Melb.), D.A. (R.C.P. and S.), F.F.A. (R.C.S. and
R.A.C.S.).
J. H. STACE, M.B., B.S., D.A., F.F.A. (R.A.C.S.).
R. G. WATERHOUSE, M.B., B.S., F.F.A. (R.C.S.).
- Hon. Clinical Assistants, Anaesthetic Department:
R. F. CONDON, B.Sc., M.B., B.S. (Adel.).
G. DAVID, L.R.C.P. and S., L.R.F.P. and S. (Glasgow).
PATRICIA J. GAME, M.B., B.S. (Adel.).
E. C. HALLETT, M.B., B.S. (Adel.).
C. J. HELMAN, M.D. (Milan).
W. D. A. HORMAN, M.B., B.S. (Adel.), M.F.A., R.A.C.S.
J. B. HUGHES, M.B., B.S. (Adel.).
F. J. LAYCOCK, M.B., B.S. (Adel.).
H. E. W. LYONS, M.B., B.S. (Adel.).
M. J. C. MUIRHEAD, M.B., B.S. (Adel.).
C. H. PRYOR, M.B., B.S. (Adel.), D.A. (Eng.).
M. J. W. SANDO, M.B., B.S., F.F.A., R.A.C.S.
J. A. SCANLON, M.B., B.S. (London), L.M.S.S.A.
- Medical Superintendent:
B. NICHOLSON, M.R.C.S. (Eng.), L.R.C.P. (Lond.).
- Hon. Dental Surgeons:
A. J. BLOOMFIELD, B.D.S. (Adel.).
B. C. CRISP, M.D.S. (Adel.).
K. J. ROBERTSON, M.D.S. (Adel.).
P. M. WESSLINK, B.D.S. (Syd.).
R. G. WILLOUGHBY, M.D.S. (Adel.).
- Hon. Assistant Dental Surgeons:
J. D. McKINNON, B.D.S. (Adel.).
R. H. WALLMAN, B.D.S. (Adel.), M.S.D. (Washington).
- Hon. Clinical Assistant, Dental Department:
G. I. BROWN, B.D.S. (Adel.).
- Dental Superintendent:
J. SCOLLIN, B.D.S. (Adel.).
- Physicians for Night Clinics:
- Female Clinic:
F. E. WELCH, M.B., B.S. (Adel.), L.M. (Dub.), D.G.O. (Trinity), D.R.C.O.G.
(Lond.).
- Male Clinic:
J. M. DWYER, M.B., B.S. (Adel.).
R. A. ISENSTEIN, M.R.C.S. (Eng.), L.R.C.P. (Lond.).

Sterility Clinic:

Hon. Surgeon (Male Section):

R. A. ISENSTEIN, M.R.C.S. (Eng.), L.R.C.P. (Lond.).

Hon. Clinical Assistant (Male Section):

G. W. VERCO, M.B., B.S. (Adel.), F.R.A.C.S.

Hon. Gynaecologist:

F. E. WELCH, M.B., B.S. (Adel.), L.M. (Dub.), D.G.O. (Trinity), D.R.C.O.G. (Lond.).

Hon. Clinical Assistant (Female Section):

R. A. THATCHER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.O.G., D.R.C.O.G., L.D.S.

Psychiatric Clinic:

Director:

S. B. FORGAN, M.B., B.S. (Adel.), D.P.M. (Syd.).

Assistants to the Director:

J. M. COLLINS, M.B., B.S. (Adel.), D.P.M. (Syd.).

J. D. FOTHERINGHAM, M.B., B.S. (Adel.).

L. A. LANGLEY, M.B., B.S. (Melb.), D.P.M. (Syd.).

J. D. LITT, M.B., Ch.B. (Edin.).

R. W. SMITH, M.B., B.S. (Adel.).

F. K. WESTON, B.A., M.B., B.S. (Adel.).

NORTHFIELD WARDS:

Hon. Consulting Physician Infectious Section:

R. A. A. PELLEW, M.B., B.S. (Adel.), M.R.C.P. (Lond.), M.R.A.C.P.

Hon. Visiting Medical Officer:

S. C. MILAZZO, M.B., B.S. (Adel.), M.R.A.C.P.

Hon. Assistant Visiting Medical Officer:

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

Hon. Epidemiologist to Infectious Diseases:

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

Hon. Visiting Paediatrician, Infectious Section:

J. S. COVERNTON, M.D. (Adel.), M.R.A.C.P.

Medical Superintendent:

R. J. SARGENT, M.B., B.S. (Adel.).

Assistant Medical Superintendent:

R. L. WILLING, M.B., B.S. (Adel.).

ADELAIDE CHILDREN'S HOSPITAL

Professor of Child Health:

G. M. MAXWELL, M.D. (Edin.), M.R.C.P. (Lond.).

Honorary Visiting Medical Officers

Physicians:

R. N. C. BICKFORD, M.B., B.S. (Adel.), M.R.C.P. (Lond.).

R. G. CHAMPION de CRESPIGNY, M.B., B.S. (Melb.), F.R.A.C.P.

I. S. MAGAREY, M.D. (Adel.), F.R.A.C.P.

E. B. SIMS, M.D. (Adel.), F.R.A.C.P.

Assistant Physicians:

T. H. BEARE, M.B., B.S. (Adel.), M.R.C.P. (Lond. and Edin.).

J. S. COVERNTON, M.D. (Adel.), M.R.A.C.P.

H. G. RISCHBIETH, M.B., B.S. (Adel.), M.R.A.C.P., D.C.H. (R.C.P. and S.).

F. B. TURNER, M.B., B.S. (Adel.), M.R.A.C.P.

Clinical Assistants:

DILYS CRAVEN, B.Sc., M.B., Ch.B. (Wales), D.C.H. (Lond.).

H. M. DOUGLAS, M.B., B.S. (Adel.).

C. D. SWAINE, M.B., B.S. (Adel.).

G. R. WICKS, M.B., B.S. (Adel.).

Associate Assistant Physicians:

J. A. BONNIN, M.D. (Adel.), M.C.P.A. (Haematology).

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

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

B. S. HETZEL, M.D. (Adel.), F.R.A.C.P. (Endocrinology).

Visiting Consulting Physician for Tuberculosis:

P. S. WOODRUFF, M.D. (Melb.), D.T.M. and H. (Syd.), M.R.A.C.P.

Relieving Clinical Assistants:

R. BRUMMITT, M.B., B.S. (Adel.).

MARGARET E. LAWSON, M.B., B.S. (Adel.).

A. B. MARTIN, M.B., B.S. (Adel.).

G. L. MELLOR, M.B., B.S. (Adel.).

KATHLEEN M. MOTEN, M.B., B.S. (Adel.).

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

Assistant Physician to Allergy Clinic:

C. T. PIPER, M.B., B.S. (Adel.), M.R.C.P. (Lond.).

Clinical Assistants to Allergy Clinic:

R. MUNRO FORD, M.D. (Adel.).
FRANCES A. MOCATTA, M.B., B.S. (Syd.).

Surgeons:

W. W. JOLLY, M.B., M.S. (Adel.), F.R.A.C.S.
D. G. MCKAY, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.
G. H. SOLOMON, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.

Assistant Surgeons:

J. L. STEELE SCOTT, M.A., B.Ch. (Camb.), M.R.C.S. (Eng.), L.R.C.P. (Lond.),
F.R.C.S. (Edin.).
G. W. VERCO, M.B., B.S. (Adel.), F.R.C.S. (Eng.).
G. G. WYLLIE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Visiting Consultant Thoracic Surgeon:

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

Clinical Assistant to Cardiac Investigation Committee:

P. S. HETZEL, M.D. (Adel.), M.S. (Minnesota), M.R.C.P. (Lond.), M.R.A.C.P.

Visiting Consulting Neurosurgeon:

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

Visiting Consultant Orthopaedic Surgeon:

L. BONNIN, M.B., B.S. (Adel.), M.Ch. (Orth.) (Liv.), F.R.C.S. (Eng.), F.R.A.C.S.

Clinical Assistants, Orthopaedic Departments:

G. A. JOSE, M.B., B.S. (Adel.), M.Ch. (Orth.) (Liv.), F.R.C.S. (Edin.), F.R.A.C.S.
R. G. WHITE, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S.

Associate Assistant Surgeons:

W. J. BETTS, M.B., B.S. (Adel.), M.Ch.Orth. (Liv.), F.R.A.C.S. (Orthopaedic).
J. H. BROWN, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S. (Thoracic).
D. N. ROBINSON, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S. (Plastic Surgery).
D. A. SIMPSON, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S. (Neurology).

Relieving Assistant Surgeon:

S. P. BARNETT, M.B., B.S. (Adel.), F.R.C.S. (Edin.).

Surgeons to E.N. and T. Department:

R. E. CRISTWOOD, M.B., Ch.B. (Edin.), F.R.C.S. (Edin.), F.R.A.C.S.
P. G. JAY, M.B., B.S. (Adel.) D.L.O. (R.C.S. and P.), F.R.A.C.S.

Assistant Surgeons to E.N. and T. Department:

D. L. DAVIES, M.B., B.S. (Adel.) (Temporary).
J. A. B. ROLLAND, M.B., B.S. (Adel.).

Clinical Assistants to E.N. and T. Department:

C. G. DELAND, M.B., B.S. (Adel.).
J. F. FRAYNE, M.B., B.S. (Adel.).
K. J. WESTPHALEN, M.B., B.S. (Adel.).

Ophthalmologists:

M. C. MOORE, M.B., B.S. (Adel.), D.O. (Syd.).
C. SWAN, D.Sc., M.D. (Adel.), D.O.M.S. (Lond.), M.C.P.A.

Assistant Ophthalmologists:

H. A. HANDLEY, M.B., B.S. (Adel.), D.O. (Syd.).
P. J. STOBIE, M.B., B.S. (Adel.), D.O.

Relieving Ophthalmologist:

D. W. BRUMMITT, M.B., B.S. (Adel.), D.O. (Melb.).

Clinical Assistants to Ophthalmic Department:

F. LIPPAY, D.Jur. (Vienna), M.D., D.Sc. (Adel.), D.O. (R.C.S. and P.).
D. O. TONKIN, M.B., B.S. (Adel.), D.O. (R.C.S. and P.).

Dermatologists:

K. V. SANDERSON, M.B., B.S. (Adel.), M.R.A.C.P. (on leave).
H. W. LINN, M.B., B.S. (Adel.), D.D.M. (Syd.) (Temporary).

Assistant to Dermatologist:

G. A. HUNTER, M.B., B.S. (Adel.), M.R.C.P. (Lond.).

Clinical Assistant to Dermatologist:

F. I. FLAHERTY, M.B., B.S. (Adel.).

Radiologist:

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

Assistant Radiologist:

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

Clinical Assistants in Radiology:

M. G. BEGLEY, M.B., B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.D.R.
(Melb.), M.R.A.C.P., F.F.R.
R. J. S. WALKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.M.R.D., M.R.C.A.

Psychiatrist:

R. T. BINNS, O.B.E., M.D., B.S. (Adel.), F.R.A.C.P.

Assistant Psychiatrist:

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

Visiting Anaesthetists:

W. D. ACKLAND-HORMAN, M.B., B.S. (Adel.), M.F.A.R.A.C.S.
 J. E. BARKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.F.A.R.A.C.S.
 MARY BURNELL, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
 H. J. ELLIS, M.B., B.S. (Adel.), D.A. (R.C.P. and S.).
 J. A. FERRIS, M.B., B.S. (Melb.), D.A., F.F.A.R.A.C.S.
 E. C. HALLETT, M.B., B.S. (Adel.).
 M. J. C. MUIRHEAD, M.B., B.S. (Adel.).
 M. C. NEWLAND, M.B., B.S. (Adel.), D.A. (Melb.), F.F.A.R.A.C.S.
 M. J. W. SANDO, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
 R. G. WATERHOUSE, M.B., B.S. (Adel.), F.F.A.R.C.S.

Dental Surgeons:

A. J. BLOOMFIELD, B.D.S. (Adel.).
 L. L. DAENKE, B.D.S. (Adel.).
 J. B. DAY, B.D.S. (Adel.).
 R. F. HARRINGTON, B.D.S. (Adel.).
 W. M. T. MARSHMAN, B.D.S. (Adel.).
 A. P. PLUMMER, B.D.S. (Adel.).
 N. M. WALMSLEY, B.D.S. (Adel.).

Associate Dentist in Orthodontia:

L. M. SMART, B.D.S. (Adel.).

Associate Surgeon in Oral Surgery:

T. B. LINDSAY, M.B., B.S., M.D.S. (Adel.).

THE QUEEN VICTORIA MATERNITY HOSPITAL, INC.

Hon. Obstetricians:

PROFESSOR L. W. COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S.,
 M.R.C.O.G.
 G. T. GIBSON, M.B., B.S. (Adel.), M.R.C.O.G.
 RUTH HEIGHWAY, M.D. (Syd.), F.R.C.O.G.
 R. M. MacINTOSH, M.B.E., M.B., B.S. (Adel.), D.G.O. (Melb.), M.R.C.O.G.
 L. O. S. POIDEVIN, M.D. (Adel.), M.R.C.O.G.
 R. A. THATCHER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), L.D.S., M.R.C.O.G.

Hon. Assistant Obstetricians:

K. G. BALL, M.B., B.S. (Adel.), M.R.C.O.G.
 V. BOCKNER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.O.G.
 R. KENIHAN, M.B., B.S. (Adel.), M.R.C.O.G.
 MARY E. WALKER, B.Sc., M.B., Ch.B. (St. Andrew's), M.R.C.O.G.
 R. S. WURM, M.B., B.S. (Adel.), M.R.C.O.G.

Hon. Consulting Physician:

PROFESSOR H. N. ROBSON, M.B., Ch.B. (Edin.), F.R.C.P.

Hon. Physician:

R. A. BURSTON, M.B., B.S. (Adel.), M.R.C.P., M.R.A.C.P.

Hon. Assistant Physician:

R. S. COLTON, M.D. (Adel.), M.R.A.C.P.

Hon. Assistant Pediatrician:

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

Assistant Pediatrician:

J. S. COVERNTON, M.D. (Adel.), M.R.A.C.P.

Hon. Consulting Surgeon:

PROFESSOR R. P. JEPSON, B.Sc., M.B., Ch.B. (Manchester), F.R.C.S.

Hon. Surgeon:

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

Hon. Assistant Surgeon:

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

Hon. Orthopaedic Surgeon:

W. J. BETTS, M.B., B.S. (Adel.), M.Ch. (Orth.) (Liv.), F.R.A.C.S.

Hon. Ophthalmologist:

D. O. CROMPTON, M.B., B.S. (Adel.), D.O. (Melb.).

Hon. Thoracic Surgeon:

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

Hon. Radiologist:

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

Hon. Psychiatrist:

S. B. FORGAN, M.B., B.S. (Adel.), D.P.M. (Syd.).

Hon. Dermatologist:

G. F. DONALD, M.B., B.S. (Syd.), D.D.M.

Hon. Dental Surgeon:

A. P. PLUMMER, B.D.S. (Adel.).

Hon. Anaesthetists:

Members of the Anaesthetics Section of the B.M.A., S.A. Branch

Hon. Clinical Assistants to Obstetrical Staff:

H. J. BAILEY, M.B., B.S. (Adel.).

W. M. S. BOYD, M.B., B.S. (London), M.R.C.S. (Eng.), L.R.C.P. (Lond.),
D.R.C.O.G.

B. R. GOODE, M.B., B.S. (Adel.).

J. D. LESOUF, M.B., B.S. (Adel.), L.M. (Rotunda), D.G.O. (Trinity), D.R.C.O.G.

SHIRLEY P. McCOMB, M.B., B.Ch. (Belfast).

H. R. H. N. OATEN, M.B., B.S. (Adel.), D.R.C.O.G.

L. J. RICE, M.B., B.S. (Adel.), M.R.C.O.G.

F. S. RIDDELL, M.B., B.S. (Adel.).

J. A. ROBERTS, M.B., B.S. (Adel.).

H. W. WELCH, M.B., B.S. (Adel.).

G. R. WICKS, M.B., B.S. (Adel.).

D. C. WIGHTON, M.B., B.S. (Adel.).

Clinical Tutor in Mothercraft:

D. N. M. FEARON, M.B., B.S. (Melb.).

Medical Superintendent:

J. H. BEGG, M.B., Ch.B. (Aberd.).

THE QUEEN ELIZABETH HOSPITAL

Hon. Physicians:

R. A. BURSTON, M.B., B.S. (Adel.), M.R.C.P. (Lond. and Edin.), M.R.A.C.P.

B. S. HETZEL, M.D. (Adel.), F.R.A.C.P.

M. W. MILLER, M.B., B.S. (Adel.), M.R.C.P. (Lond.).

PROFESSOR H. N. ROBSON, M.B., Ch.B. (Edin.), F.R.C.P. (Edin.).

Hon. Assistant Physicians:

R. S. COLTON, M.D. (Adel.).

A. K. GRANT, M.B., B.S. (Adel.), M.R.A.C.P.

Hon. Physician, Department of Physical Medicine:

A. W. BURNELL, M.B., B.S. (Adel.), D.Phys.Med. (R.C.P. and S.).

Hon. Surgeons:

I. A. HAMILTON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

PROFESSOR R. P. JEPSON, B.Sc., M.B., Ch.B. (Manchester), F.R.C.S. (Eng.).

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

Hon. Assistant Surgeons:

N. J. BONNIN, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

J. A. O'BRIEN, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Temporary Hon. Assistant Surgeon:

L. J. OPIT, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Thoracic Surgeon:

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

Hon. Neurosurgeon:

D. A. SIMPSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Orthopaedic Surgeon:

R. G. WHITE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Gynaecologist:

PROFESSOR L. W. COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S.,
M.R.C.O.G.

Temporary Senior Hon. Assistant Gynaecologist:

FREIDA R. HEIGHWAY, M.D., B.S. (Sydney), F.R.C.O.G.

Hon. Assistant Gynaecologist:

L. O. S. POIDEVIN, M.D. (Adel.), M.R.C.O.G.

Hon. Clinical Assistant, Gynaecological Branch:

V. Y. BOCKNER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.O.G.

Hon. Radiologist:

G. H. JONES, M.B., B.S. (Adel.), M.C.R.A., D.D.R. (Melb.).

Hon. Assistant Radiologist:

W. H. BENSON, M.B., B.S. (Adel.), M.C.R.A.

Hon. Radiotherapists:

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

C. M. GURNER, M.B., B.S. (Adel.), F.C.R.A.

Hon. Ophthalmologist:

A. A. TYE, M.B., B.S. (Melb.), D.O., F.R.A.C.S.

Hon. Surgeon, Ear, Nose and Throat Department:

J. A. B. ROLLAND, M.B., B.S. (Adel.).

Hon. Dermatologist:

G. F. DONALD, M.B., B.S. (Syd.), D.D.M. (Syd.).

- Hon. Anaesthetist:
M. C. NEWLAND, M.B., B.S. (Adel.), D.A., F.F.A., R.A.C.S.
- Hon. Assistant Anaesthetists:
C. H. PRYOR, M.B., B.S. (Adel.), D.A.
M. J. W. SANDO, M.B., B.S. (Adel.), F.F.A.R.A.C.S.
- Hon. Rheumatologist:
S. C. MILAZZO, M.B., B.S. (Adel.), M.R.A.C.P.
- Hon. Neurologist:
R. H. C. RISCHBEITH, M.B., B.S. (Adel.), M.R.C.P. (Edin. and Lond.), M.R.A.C.P.
- Temporary Hon. Psychiatrist:
J. E. CAWTE, M.B., B.S. (Adel.).

Maternity Section

- Hon. Obstetricians:
G. W. E. AITKEN, M.B., B.S. (Adel.), D.R.C.O.G., F.R.C.O.G.
PROFESSOR L. W. COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S.,
M.R.C.O.G.
F. E. WELCH, M.B., B.S. (Adel.), L.M. (Dub.), D.G.O. (Trinity), M.R.C.O.G.
- Senior Hon. Assistant Obstetrician:
L. O. S. POIDEVIN, M.D. (Adel.), M.R.C.O.G.
- Hon. Assistant Obstetricians:
R. M. C. G. BEARD, M.B., B.S. (Adel.), M.R.C.O.G.
V. Y. BOCKNER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.O.G.
HEATHER J. S. ROSS, M.B., B.S. (Syd.), D.R.C.O.G., M.R.C.O.G.
- Hon. Clinical Assistants, Obstetrical Department:
J. S. ANDERSON, M.B., B.S. (Adel.).
M. D. DAWSON, M.B., B.S. (Adel.).
J. L. DUNSTONE, M.B., B.S. (Adel.).
A. R. MAGAREY, M.B., B.S. (Adel.), D.R.C.O.G.
A. H. MAUGERY, M.B., B.S. (Adel.).
P. E. MELLOWS, M.B., B.S. (Adel.).
M. E. NANCARROW, M.B., B.S. (Adel.).
J. S. SKIPPER, M.B., B.S. (Adel.), M.R.C.O.G.
A. R. WEETMAN, M.B., B.S. (Adel.).
- Hon. Pediatrician:
H. G. RISCHBEITH, M.B., B.S. (Adel.), M.R.A.C.P., D.C.H. (R.C.P. and S.).
- Hon. Assistant Pediatrician:
DILYS M. CRAVEN, B.Sc., M.B., B.Ch. (Wales), D.C.H. (R.C.P. and S.)
- Hon. Anaesthetist:
V. L. HAWKE, M.B., B.S. (Adel.).

MAREEBA BABIES' HOSPITAL

- Hon. Responsible Medical Officer:
F. N. LeMESSURIER, D.S.O., M.D. (Adel.).
- Hon. Consulting Physicians:
M. T. COCKBURN, M.D. (Adel.), F.R.A.C.P.
C. A. FINLAYSON, M.B., B.S. (Melb.).
H. M. MAYO, O.B.E., M.D. (Adel.), F.R.A.C.P.
PROFESSOR H. N. ROBSON, M.B., Ch.B. (Edin.), M.R.C.P. (Lond.), F.R.C.P.
(Edin.).
E. B. SIMS, M.D. (Adel.), F.R.A.C.P.
- Hon. Physicians:
R. G. Ch. de CRESPIGNY, M.B., B.S. (Melb.), F.R.A.C.P.
D. K. MCKENZIE, M.B., B.S. (Adel.).
J. L. WADDY, M.B., B.S. (Adel.).
- Hon. Assistant Physician:
T. H. BEARE, M.B., B.S. (Adel.), M.R.C.P., M.R.A.C.P.
- Hon. Consulting Surgeon:
D. G. MCKAY, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.
- Hon. Surgeons:
M. Y. SHEPPARD, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
G. C. WYLLIE, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Consulting Neurosurgeon:
D. A. SIMPSON, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
- Hon. Radiologist:
W. G. NORMAN, M.B., B.S. (Adel.), D.D.R. (Melb.), M.C.R.A.
- Hon. Assistant Radiologist:
G. H. JONES, M.B., B.S. (Adel.), D.D.R. (Melb.), M.C.R.A.
- Hon. Dermatologist:
A. J. HAKENDORF, M.B., B.S. (Adel.), D.D.M. (Syd.).
- Hon. Pathologist:
RUTH OSMOND, M.B., B.S. (Adel.), M.C.P.A.
- Hon. Consultant Anatomist:
A. D. PACKER, M.Sc., M.D. (Adel.).
- Hon. Dentist:
A. P. PLUMMER, B.D.S. (Adel.).
- Anaesthetist:
M. C. NEWLAND, M.B., B.S. (Adel.), D.A. (Melb.), F.F.A., R.A.C.S.

PARKSIDE MENTAL HOSPITAL

Superintendent of Mental Institutions:

H. M. BIRCH, C.B.E., M.R.C.S., L.R.C.P., D.P.M. (Eng.), F.R.A.C.P.

Deputy Superintendent:

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

Medical Officers:

J. K. ARKLE, M.B., B.S. (Durham), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.M. (R.M.P.A.).

M. L. CARTER, M.B., B.S. (Adel.).

D. H. DRACUP, L.M.S.S.A. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.R.C.P. (Edin).

G. J. FRYER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.M. (R.M.P.A.).

L. C. HOFF, M.B., B.S. (Adel.).

L. C. MUIRHEAD, M.B., B.S. (Adel.).

I. POTTS, M.B., B.S. (Adel.).

I. RITENIS, M.B., B.S. (Adel.).

R. W. SMITH, M.B., B.S. (Adel.).

W. G. TUCKER, M.B., B.S. (Adel.).

F. K. WESTON, M.B., B.S. (Adel.).

Hon. Gynaecologist:

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

Hon. Dermatologist:

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

Hon. Ophthalmologist:

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

Hon. Surgeon:

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

Visiting Neuro-Surgeon:

L. C. E. LINDON, M.B., M.S. (Adel.), F.R.C.S. (Lond.), F.R.C.S. (Edin.).

Visiting Tuberculosis Specialist:

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

Visiting Refractionist:

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

Visiting Neurologist:

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

TUBERCULOSIS SERVICES

Chest Clinic and Frome Ward

Director of Tuberculosis Services:

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

Physicians:

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

R. M. FORD, M.D. (Adel.).

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

Clinical Assistants:

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

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

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

S. C. MILAZZO, M.B., B.S. (Adel.), M.R.A.C.P.

Anaesthetists:

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

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

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

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

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

Medical Officer for Tuberculosis Services:

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

Medical Superintendent, Morris Hospital:

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

Visiting Medical Officer, Bedford Park Sanatorium:

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

Laryngologist:

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

General Surgeon:

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

Thoracic Surgeon:

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

Assistant Thoracic Surgeon:

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

Part-time Neurosurgeon:

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

Part-time Medical Officer:

K. V. SANDERSON, M.B., B.S. (Adel.).

REPRESENTATIVES OF THE UNIVERSITY

- On the Council of the Institute of Medical and Veterinary Science:**
IVAN BEDE JOSE, M.B., M.S., F.R.C.S.
FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.
- On the Medical Board of South Australia:**
FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.
- On the Advisory Committee of the University Council and of the Royal Adelaide Hospital Board:**
IVAN BEDE JOSE, M.B., M.S., F.R.C.S.
JAMES ALEXANDER CRAN, M.D.S.
KENNETH STUART HETZEL, M.D., F.R.C.P.
- On the Advisory Committee of the University Council and the Queen Elizabeth Hospital Board:**
KENNETH STUART HETZEL, M.D., F.R.C.P.
PROFESSOR R. P. JEPSON, B.Sc., M.B., Ch.B., F.R.C.S.
- On the Advisory Board of the Queen Victoria Maternity Hospital:**
PROFESSOR L. W. COX, M.B., Ch.B.
IVAN BEDE JOSE, M.B., M.S., F.R.C.S.
- On the Australian Commonwealth Engineering Standards Association:**
PROFESSOR SIR KERR GRANT, Kt., M.Sc., F.Inst.P.
- On the Board for the Education of Children of Deceased Soldiers:**
JOSIAH WILLIAM STATTON, B.Sc.
- On the Council of St. Mark's College:**
PROFESSOR SIR MARK MITCHELL, M.Sc.
- On the Council of St. Ann's College:**
MARY HOPE ST. CLAIR CRAMPTON, M.A.
PROFESSOR GRAHAM HENRY LAWTON, M.A.
- On the Council of Lincoln College:**
FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.
THE HON. SIR GEORGE LIGERTWOOD, B.A., LL.B.
- On the Fauna and Flora Board:**
PROFESSOR A. A. ABBIE, M.D., D.Sc.
PROFESSOR J. B. CLELAND, M.D.
- On the Dental Board of South Australia:**
MALCOLM STEWART JOYNER, B.D.S.
- On the Ridley Memorial Trust:**
JAMES MELVILLE, Ph.D.
- On the Union Council:**
HENRY BOLTON BASTEN, C.M.G., M.A.
JEAN GILMORE, LL.B.
PROFESSOR P. H. KARMEI, B.A., Ph.D.
PROFESSOR D. O. JORDAN, D.Sc.
- On the General Committee of the University Sports Association:**
FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.
PROFESSOR ERIC AROHA RUDD, B.Sc., A.M.
- On the S.A. Advisory Committee to the National Films Board:**
ARNOLD STANLEY McMATH HELY, M.A., B.Com.
PROFESSOR J. A. PRESCOTT, C.B.E., D.Sc., F.R.S.
- On the Physiotherapists' Board of South Australia:**
MARY KELL FINNIS.
- On the National Trust of South Australia:**
HENRY BOLTON BASTEN, C.M.G., M.A.
- On the South Australian Herbarium Liaison Committee:**
DAVID ERIC SYMON, B.Ag.Sc.
HUGH BRYAN SPENCER WOMERSLEY, Ph.D., D.Sc.

BENEFACTIONS BESTOWED BY PRIVATE PERSONS

ENDOWMENTS

- 1872: Sir W. W. Hughes—£20,000 to found chairs in Classics and English Literature.
- 1874: Sir Thomas Elder—£20,000 to found chairs in Mathematics and Natural Science.
- 1875-6: Public Subscriptions—£600 for general purposes.
- 1878: The Hon. J. H. Angas—£4,000 to found a scholarship in Engineering.
- 1879: South Australian Commercial Travellers' Association — £150 to found a scholarship.
- 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 }
 1934: Mrs. Davies Thomas—£200 } to found scholarships in memory of Dr. John 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. Commerical 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 } to provide a library in psychology
} to commemorate Miss Sarah Elizabeth Jackson, M.A.
- 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 } towards the building and equipping of an
 Institute of Medical Science.
- 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 } for Chairs in Mechanical
 and Electrical Engineering.
- 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 (increased to £6,975 in 1958 by the capitalisation of accumulated income).
- 1946: The Hon. Sir Herbert Angas Parsons—£900 for such purpose as the Council should decide.
- 1946: E. F. Hern—£1,157 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 } subsequently increased by
 capitalisation of £2,195
 income; to found a chair
 in Economic and Mining
 Geology.
- 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.
- 1947: Rev. R. B. Cornish—£250 to found a prize in Botany in memory of Elsie Marion Cornish.
- 1948: Mrs. Julie Sack—£783 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 Cepp.
- 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. P. 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.
- 1953-58: Mrs. C. Hastings—£50,000 to establish the Gwendolyn Michell Foundation for medical research; and £103,916 further to promote medical research.
- 1953: Public subscriptions—£603 to establish the Robin Memorial Lecture.
- 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—£2,909 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: Emma Jeffress—£6,098 for the purposes of the Anti-Cancer Committee.
 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 (subsequently increased to £700).
 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.
 1958: F. Kenneth Milne—£5,000 to found "The Kenneth and Hazel Milne Travelling Scholarship in Architecture".
 1958: Mrs. A. M. Beddome—£130 to establish a prize in English in memory of her father, D. J. Byard.
 1958: H. C. Lienau—£500 to provide a scholarship for the tenor voice at the Elder Conservatorium.
 1958: Miss A. M. Barnes—£10,429 for the benefit of women undergraduates.
 1959: George Gollin—£20,000 to endow the chair of Economics.
 1959: Students of Clement Q. Williams—£500 to found a prize in his memory.
 1959: Olive Eva Braund—£2,200 for the purposes of the Anti-Cancer Committee.
 1959: S. McGregor Reid—£27,000 (estimate) for Cancer Research.
 1959: Mrs. S. McGregor Reid—£90,000 (estimate) for Cancer or other medical or surgical research as the University shall think proper.

GIFTS (£200 or more)

- 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.
 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.
 1925: The Superphosphate Association of S.A.—£250 for equipment for the Waite Agricultural Research Institute.
 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.
- 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.
- 1934-36: 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.
- 1937-56: Professor Sir Mark Mitchell — £10,385 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 sulphadiazine drugs.
- 1945: Mrs. Phoebe Ferris—£250 for research into tuberculosis.
- 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.
- 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: 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: Aberfoyle Tin N.L.—£250 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 Accountants in Australia, £880 from the Members of the Adelaide Chamber of Commerce (Inc.), £125 from the Commonwealth Institute of Accountants, and £125 from the Federal Institute of Accountants, to support the establishment of a Readership in Commercial Studies.
- 1952: George Aitken Pastoral Research Trust—£1,000 for research into Onion weed.
- 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.
- 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.
- 1955-8: Monsanto Chemicals—£1,600 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: Broken Hill Mine Managers' Association—£1,500 for investigations into wire ropes.
- 1956: The Viking Fund of New York—\$2,000 for Anthropological Research.
- 1956: I.C.I.A.N.Z. Ltd.—£1,000 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: Clarence River Basin Oil Exploration Company—£300 for furniture and equipment in the Department of Economic Geology.
- 1957: Miss E. M. Symon—£1,000 for research work amongst aboriginal women.
- 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 }
Scots Church } —£300 for furnishings in Elder Conservatorium.
- 1958: The Rockefeller Foundation—About £10,000 over two years towards the cost of an electron microscope.
- 1958-9: An anonymous benefactor—£35,000 for the Medical School.
- 1959: An anonymous gift of £5,000 for the support of animal research.
- 1959: Commonwealth Department of Health—£1,600 for a glasshouse.

GIFTS AND BEQUESTS TO THE UNIVERSITY LIBRARY.

- (1) Public Library of South Australia: the medical portion of the Public Library.
- (2) William Barlow, C.M.G., LL.D.: a collection of 450 Law Books.
- (3) The Rt. Hon. Sir S. J. Way, Bart.: a library of over 15,000 volumes; and bronze statuettes and silverware.
- (4) The Hon. Sir Josiah Symon, K.C.M.G., K.C.: a valuable collection of the earlier Law Reports and other legal books.
- (5) Sir Joseph Verco, Kt.: books for the Medical Library.
- (6) W. Ramsay Smith, D.Sc.: a collection of books and periodicals numbering 2,165 volumes.
- (7) R. J. M. Clucas, B.A.: 1,300 books selected from his library.
- (8) Aylmer Strong: the library of his brother, Professor Sir Archibald Strong.
- (9) The French Government: 470 volumes selected by the Lecturer in French.
- (10) Sir Douglas Mawson: 19 volumes of Drygalski's records of his South Pole Expedition.
- (11) F. Lucas Benham, M.D.: a collection of about 1,000 books.
- (12) R. S. Rogers, M.A., M.D., D.Sc.: about 800 books on botany, chiefly on orchids.
- (13) Canon T. H. Frewin: a collection of more than 300 classical coins.
- (14) Lord Norman: a copy of the transcript of the argument before the Privy Council in the Banking Case.
- (15) Mrs. E. V. Steele: a valuable collection of about 1,100 volumes of English fiction.
- (16) Miss Gladys Johnson: a facsimile reproduction of the Holkham Picture Bible.
- (17) Professor D. Nichol Smith: about 200 books.
- (18) Carnegie Corporation of New York: a collection of about 350 books designed to portray contemporary American civilization.
- (19) Several benefactors: an offset reproduction of the fourteenth century Codex Manesse, a collection of German "Minnesongs".

GIFTS OF £200 OR MORE FOR THE STUDENTS' UNION BUILDINGS AND WAR MEMORIAL (1927-1936)

Men's Union Building: Sir George Murray, £10,000.

Lady Symon Building for the Women's Union: Sir Josiah Symon, £9,500.

£ s. d.			£ s. d.		
The Chancellor (Sir George Murray)	1,000	0 0	Sir Joseph Verco	500	0 0
The Vice-Chancellor (Sir William Mitchell)	1,000	0 0	J. R. Fowler	250	0 0
John Barker	1,000	0 0	E. W. Holden	200	0 0
Hon. Sir Langdon Bonython	1,000	0 0	J. T. Mortlock	200	0 0
T. E. Barr Smith	1,000	0 0	Mr. and Mrs. Dudley Turner	200	0 0
C. H. Angas	500	0 0	Sir Walter Young	200	0 0
Mrs. T. O'Halloran Giles	500	0 0	Other Donations	25,367	14 5
M. L. Mitchell	500	0 0	Total Donations	£33,615	14 5

GIFTS OF £200 OR MORE, 1955-59

General Motors- Holden's Ltd.	£12,000	0 0	Mrs. George Tarlton Wills	2,000	0 0
Adelaide University Union Council	6,000	0 0	Members of the Staff of the University of Adelaide	1,860	0 0
Broken Hill Pty. Ltd. Advertiser News- papers 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 As- sociated Smelters Pty. Ltd.	3,000	0 0	The Shell Co. of Australia Ltd.	1,000	0 0
The United Licensed Victuallers' Asso- ciation	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
Imperial Chemical Industries of Aus- tralia and New Zealand Ltd.	2,000	0 0	Commonwealth Bank of Australia	1,000	0 0
			S. Kidman & Co. Ltd.	1,000	0 0
			British Tube Mills (Australia) Pty. Ltd.	1,000	0 0
			Chrysler Australia Ltd.	1,000	0 0

H. V. McKay Charitable Trust - - -	1,000	0	0	Commonwealth Steel Co. Ltd. - - -	250	0	0
The Federal Viticultural Council -	1,000	0	0	Goldsbrough, Mort and Co. Ltd. -	250	0	0
Ford Motor Co. of Australia - - -	1,000	0	0	Kodak (Australasia) Pty. Ltd. - - -	250	0	0
National Bank of Australasia Ltd. -	1,000	0	0	McPherson's Ltd. -	250	0	0
Electrolytic Zinc Co. of Australasia Ltd.	1,000	0	0	Dalgety & Co. Ltd.	250	0	0
Bank of Adelaide -	1,000	0	0	Metal Manufacturers Ltd. - - - -	250	0	0
Thos. G. Seymour and M. E. Seymour - - -	600	0	0	Pharmaceutical Society of South Australia, Incorporated - - -	250	0	0
Mr. and Mrs. Sidney Reid - - -	500	0	0	Adelaide Development Co. Ltd. -	250	0	0
Mr. and Mrs. Harold McGregor - - -	500	0	0	Philips Electrical Industries Pty. Ltd. -	250	0	0
Simpson Distributors Limited - - -	500	0	0	Mrs. John Henry Wills - - - -	250	0	0
G. & R. Wills & Co. and George Wills and Co. Ltd. - -	500	0	0	D.H.A. (South Australia) Ltd. - -	250	0	0
Bank of New South Wales - - - -	500	0	0	The Commercial Banking Co. of Sydney Ltd. - -	250	0	0
Adelaide Motors Ltd.	500	0	0	Balm Paints Pty. Ltd.	250	0	0
C. A. Parsons & Co. Ltd. - - - -	500	0	0	Caltex Oil (Australia) Pty. Ltd. - -	250	0	0
Commonwealth Oil Refineries Ltd. -	500	0	0	News Ltd. - - -	210	0	0
Mr. and Mrs. Edward Lumley -	500	0	0	Mr. A. P. Rowe - -	200	0	0
Davies Coop (South Australia) Ltd. -	500	0	0	K. and D. Turner	200	0	0
Humes Ltd. - - -	500	0	0	The Metal Industries Association of Australia - - -	200	0	0
Mrs. Margery Hamilton - - - -	500	0	0	Misses Gertrude and Grace Darling -	200	0	0
The Colonial Sugar Refining Co. Ltd.	500	0	0	The Beltana Pastoral Co. Ltd. - - -	200	0	0
Woods, Bagot, Laybourne-Smith and Irwin - - - -	500	0	0	The Mutooroo Pastoral Co. Ltd. -	200	0	0
Tom E. Barr Smith	500	0	0	Carr Fastener Co. of Australia Ltd. -	200	0	0
The English, Scottish and Australian Bank Ltd. - - -	500	0	0	Perry Engineering Co. Ltd. - - - -	200	0	0
F. H. Faulding and Co. Ltd. - - - -	500	0	0	Bennett & Fisher Ltd. - - - -	200	0	0
Anna Menz Memorial Fund - - - -	500	0	0	Australian Paper Manufacturers Ltd.	200	0	0
Lady Parsons - - -	350	0	0	Adelaide University Graduates' Union	200	0	0
Norman Darling -	300	0	0	Neptune Oil Co. Pty. Ltd. - - - -	200	0	0
Stewarts & Lloyds (Australia) Pty. Ltd. - - - -	300	0	0	Matthew G. Wills -	200	0	0
Adelaide Steamship Co. Ltd. - - - -	250	0	0	Mrs. Kenneth Wills -	200	0	0
Sir Frank Perry - -	250	0	0	Goode Durrant and Murray Ltd. - -	200	0	0
Myer Emporium (S.A.) Ltd. - -	250	0	0	Miss Lucy Barbara Wills - - - -	200	0	0
Mr. Eric G. Bonython - - - -	250	0	0		92,310	0	0
The Commercial Bank of Australia Ltd. - - - -	250	0	0	Other Gifts totalling	17,985	13	1
				As at 31/12/59	-£103,760	13	1

TO THE ANTI-CANCER CAMPAIGN

Gifts in 1930	- -	£ 6,000	0	0	Proceeds of the Lord		
Gifts in 1939	- -	£ 3,350	0	0	Mayor's Appeal for		
Gifts in 1948	- -	£ 221	0	0	Cancer in 1950	£ 102,794	0
Gifts in 1949	- -	£ 1,458	0	0	Gifts in 1951-9	-	£ 3,433
							0
							0

TO SUPPORT THE ESTABLISHMENT OF A UNIVERSITY SCHOOL
OF ARCHITECTURE, 1955-59

Architects Board of S.A.	1,500	0	0	Wunderlich Ltd.	- -	250	0	0
Woods, Bagot, Lay- bourne-Smith and Irwin	- - - -	1,250	0	0	Perry Engineering Co.	200	0	0
F. Kenneth Milne, Dawkins, Boehm and Ellis	- - - -	1,000	0	0	Colonial Sugar Refining Co.	- - - -	200	0
Hassell and McConnell	1,000	0	0	R. J. Nurse Ltd.	- -	200	0	0
Harris, Scarfe and Co. Ltd.	- - - -	1,000	0	0	Forwood Down and Co	150	0	0
Dean W. Berry and Gil- bert and Barker	- -	600	0	0	Forwood Johns and Waygood	- - -	150	0
S.A. Institute of Archi- tects	- - - -	500	0	0	LeMessurier Timber Products	- - - -	150	0
Wilckens and Burnside Ltd.	- - - -	500	0	0	Russell and Yelland	-	150	0
Clarkson Ltd.	- - -	500	0	0	Thompson and Harvey	130	0	0
South Australian Brew- ing Co. Ltd.	- - -	500	0	0	M. C. Wood Ltd.	- -	125	0
Mosaic Flooring Ltd.	-	500	0	0	J. S. Hall	- - - -	125	0
R. P. Brimblecombe and Sons	- - - -	500	0	0	W. H. Bagot	- - -	125	0
A. W. Baulderstone Ltd.	500	0	0	0	W. B. C. Rutt	- - -	105	0
Emmett Constructors Ltd.	- - - -	500	0	0	Glover and Pointer	- -	100	0
Stephenson and Turner	500	0	0	0	Peak Construction Ltd.	100	0	0
Walkley and Welbourn	375	0	0	0	McMichael and Harris Garlick, Jackman and Gooden	- - - -	100	0
Lucas and Parker	- -	312	10	0	Advertiser Newspapers Ltd.	- - - -	100	0
Brown and Davies	- -	300	0	0	Australian Glass Manu- facturers	- - - -	100	0
Evans, Bruer, Philpot and Partners	- - -	300	0	0	McPhersons Ltd.	- - -	100	0
Lawson, Cheesman, Doley and Partners	- - -	300	0	0	Broken Hill Associated Smelters	- - - -	100	0
S. J. Weir Ltd.	- - -	250	0	0	General Motors-Hol- den's Ltd.	- - - -	100	0
Hansen and Yuncken Pty. Ltd.	- - - -	250	0	0	S.A. Portland Cement	-	100	0
Asbestolite Pty. Ltd.	-	250	0	0	Australian Master Builders	- - - -	100	0
S.A. Associated Brewers	250	0	0	0	S.A. Timber Merchants Association	- - - -	100	0
Colton, Palmer and Preston Ltd.	- - -	250	0	0	Fricker Bros. Ltd.	- - -	100	0
North Broken Hill Ltd., Broken Hill South Ltd., Zinc Corporation Ltd., New Broken Hill Consolidated Ltd.	-	250	0	0	Aust. and N.Z. Bank Ltd.	100	0	0
Commonwealth Bank	-	250	0	0	Bank of Adelaide	- -	100	0
Elder, Smith and Co. Ltd.	- - - -	250	0	0	Balm Paints Ltd.	- -	100	0
F. Fricker Ltd.	- - -	250	0	0	Broken Hill Pty. Co. Ltd.	100	0	0
Stewarts and Lloyds Ltd.	- - - -	250	0	0	Cyclone Ltd.	- - -	100	0
					National Bank Ltd.	-	100	0
					L. G. Abbott and Co. Ltd.	- - - -	100	0
								0
							18,997	10
					Other donations of vary- ing amounts under £ 100	- - -	£ 2,259	2
								0
					Total	£ 21,256	12	0

DONATIONS TOWARDS THE ESTABLISHMENT OF A CHAIR
OF MICROBIOLOGY, 1958-59

Advertiser Newspapers Ltd. - - - -	£1,250	0	0	Winemakers' Association of S.A. Inc. - - -	105	0	0
South Australian Associated Brewers - -	1,000	0	0	S. Kidman and Co. Ltd.	100	0	0
Goldsbrough, Mort and Co. Ltd. - - - -	250	0	0	Bennett and Fisher Ltd.	100	0	0
F. H. Faulding and Co. Ltd. - - - -	250	0	0	A. J. and P. A. McBride Ltd. - - - -	100	0	0
Elder, Smith and Co. Ltd. - - - -	200	0	0	Imperial Chemical Industries of Australia and New Zealand -	100	0	0
Adelaide Chemical and Fertilizer Co. Ltd. -	200	0	0	H. B. Selby and Co. Pty. Ltd. - - - -	100	0	0
Coca-Cola Bottlers (Adelaide) Ltd. - -	200	0	0	Milne and Co. Pty. Ltd.	100	0	0
Mauri Bros. and Thomson (S.A.) Pty. Ltd.	200	0	0	Dalgety and Co. Ltd. -	100	0	0
				Other gifts, totalling -	115	8	0
				Total donations as at 31/12/59 -	£4,470	8	0

JOINT COLLEGES' APPEAL

In January, 1959, the four residential Colleges affiliated with the University launched a public appeal for funds to enable them to extend their buildings and facilities.

Gifts were paid either into a Joint Fund, of which each College received one quarter, or were earmarked for one particular College, as the donor chose.

A. Gifts paid to the University:

Broken Hill Associated Smelters Pty. Ltd.; North Broken Hill Ltd.; Broken Hill South Ltd.; The Zinc Corporation Ltd.; Consolidated Zinc Pty. Ltd. - - - -	5,000	0	0	National Bank of A'asia Ltd. - - - -	250	0	0
Broken Hill Proprietary Co. Ltd. - - - -	2,000	0	0	Shell Co. of Aust. Ltd.	250	0	0
General Motors-Holden's Ltd. - - - -	2,000	0	0	G. & R. Wills (Holdings) Ltd. - - -	250	0	0
Advertiser Newspapers Ltd. - - - -	1,000	0	0	E.S. and A. Bank Ltd.	250	0	0
British Tube Mills (Aust.) Pty. Ltd. -	1,000	0	0	Adelaide Steamship Co. Ltd. - - - -	200	0	0
Professor Sir Mark Mitchell - - - -	1,000	0	0	E. Lewis - - - -	200	0	0
Vacuum Oil Co. Pty. Ltd. - - - -	1,000	0	0	Wride and Abley Ltd.	200	0	0
I.C.I.A.N.Z. Ltd. - -	750	0	0	Adelaide University Footlights Club - -	127	10	6
Elder, Smith and Co. Ltd. - - - -	600	0	0	G. St. J. Makin - -	105	0	0
Bundy Tubing Co. (Aust.) Pty. Ltd. -	500	0	0	Adelaide Chemical and Fertilizer Co. Ltd. -	100	0	0
Electrolytic Zinc Co. of A'asia Ltd. - -	500	0	0	Austral Bronze Co. Pty. Ltd. - - - -	100	0	0
Goldsbrough, Mort and Co. Ltd. - - - -	500	0	0	Australian Paper Manufacturers Ltd. - -	100	0	0
United Licensed Victuallers' Association	500	0	0	H. B. Basten - - -	100	0	0
S.A. Associated Brewers	500	0	0	Caltex Oil (Aust.) Pty. Ltd. - - - -	100	0	0
Dr. and Mrs. A. Grenfell Price - - - -	300	0	0	Co-operative Building Soc. of S.A. - - -	100	0	0
Bank of New South Wales - - - -	250	0	0	R. L. Davidson - -	100	0	0
BP Aust. Ltd. - - -	250	0	0	M. L. Formby - - -	100	0	0
John Martin and Co. Ltd. - - - -	250	0	0	Horwood Bagshaw Ltd. - - - -	100	0	0
				Mr. and Mrs. A. F. Scammell - - - -	100	0	0
				A. M. Simpson - - -	100	0	0
				South Australian Jockey Club Inc. - - - -	100	0	0
				"VL" - - - -	100	0	0
				Walleroo-Mount Lyell Fertilisers Ltd. - -	100	0	0
				Mr. and Mrs. K. A. Wills - - - -	100	0	0
				Other gifts, totalling -	3,445	8	7
					£24,677	19	1

*B. Gifts paid direct to the Colleges
(as at 31/12/59):*

<i>St. Mark's</i>					
P. B. and P. Angas			Dr. and Mrs. I. Hamilton		
Parsons - - - -	250	0 0	- - - -	100	0 0
G. Warren Bonython -	200	0 0	M. S. Hawker - - -	100	0 0
Gavin Walkley - - -	105	0 0	R. B. Lewis - - - -	100	0 0
W. D. Ackland-Horman			J. P. McFarlane - - -	100	0 0
- - - - -	100	0 0	T. H. McFarlane - - -	100	0 0
Sir Keith Angas - - -	100	0 0	W. H. McFarlane - - -	100	0 0
J. E. Barker - - - -	100	0 0	Mrs. A. L. McFarlane	100	0 0
F. J. Brimage - - - -	100	0 0	J. R. Magarey - - -	100	0 0
M. Cooper - - - -	100	0 0	Mr. and Mrs. J. A.		
R. and L. Eu - - - -	100	0 0	Maitland - - - -	100	0 0
			Paratoo Ltd. - - - -	100	0 0
			Other gifts, totalling -	2,219	2 0
				<u>£4,374</u>	<u>2 0</u>

<i>St. Ann's</i>					
A. M. Barnes' Estate -	5,000	0 0	Miss A. M. Bell - - -	210	0 0
St. Ann's College Foundation Committee -	300	0 0	Anonymous (2) - - -	200	0 0
Miss E. D. J. Symon -	250	0 0	Dr. Helen Mayo - - -	100	0 0
			Other gifts, totalling -	1,039	12 5
				<u>£7,099</u>	<u>12 5</u>

<i>Aquinas</i>		
Adelaide Development Co. Ltd. - - - -	2,500	0 0
	<u>£2,500</u>	<u>0 0</u>

<i>Lincoln</i>					
Mary E. Seymour - - -	1,000	0 0	Hassell and McConnell	100	0 0
Thos. G. Seymour - - -	1,000	0 0	T. Heidenreich - - -	100	0 0
Epworth Book Depot -	500	0 0	W. S. Kelly - - - -	100	0 0
Mr. and Mrs. R. H.			E. A. and E. C. E.		
Cotton - - - - -	500	0 0	Nairn - - - - -	100	0 0
Sir Frank Perry - - -	400	0 0	R. F. Richardson - - -	100	0 0
Methodist Ladies' College - - - - -	250	0 0	Anonymous - - - -	100	0 0
A. V. Mills - - - - -	200	0 0	Other gifts, totalling -	3,370	10 6
				<u>£7,820</u>	<u>10 6</u>
			Total	<u>£46,472</u>	<u>4 0</u>

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, Alison Ruth, LL.B. - - - -	1958
Abbie, Andrew Arthur, D.Sc. (Sydney, 1941)	1945
Abbott, Clifford Alexander, B.Sc. - - - -	1952
Abbott, Charles Anthony Lempriere, LL.B. - - - -	1947
Abbott, Sir Charles Arthur Hillas Lempriere, B.A. - - - -	1911
Abbott, Derek Athol Lempriere, LL.B. - - - -	1914
Abbott, Geoffrey Joseph, B.E. - - - -	1950
Abbott, Howard Lockyer, B.A. - - - -	1921
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.) 1942 surrendered)	1952
Abbott, Nigel Basil Gresley, M.B., B.S. - - - -	1943
Abbott, Nigel Drury Gresley, M.B., B.S. - - - -	1916
†Abdul Majeed, Siti Khalsom Ruby, M.B., B.S. - - - -	1944
†Abele, Charles, B.Sc. - - - -	1959
Abotomey, Olive Wanda, B.A. - - - -	1957
†Abraham, Samuel Clifford Ethernansingham, M.B., B.S. - - - -	1930
◦Adam, David Bonar, B.Ag.Sc. (Melbourne, 1922) - - - -	1959
Adam, Elizabeth Anderson, B.A. - - - -	1939
Adams, Arthur John Sorby, B.Sc. - - - -	1949
Adams, Colin Francis, B.E. - - - -	1926
Adams, Dorothy Sorby, M.B., B.S. - - - -	1934
†Adams, Douglas Charles, B.Tech. - - - -	1922
Adams, Edward James Stanley, B.E. - - - -	1959
◦Adams, Frederick Penoyre, LL.B. - - - -	1941
Adams, Graeme Sorby, M.B., B.S. - - - -	1923
Adams, John Clifford, B.Ec. - - - -	1956
Adams, John Clyde, B.E. - - - -	1955
Adams, Reginald Keith Sorby, M.A. - - - -	1941
Addison, Stanley Simpson, B.Sc. (Eng.) - - - -	1926
Adey, Colin Richard, B.Sc. (Eng.) - - - -	1908
Adey, William Ross, M.D. (M.B., B.S., 1943) - - - -	1942
Adlam, Kenneth Charles, B.E. - - - -	1949
†Adlam, Robert Delbridge, B.A. - - - -	1952
Ahern, Kevin Barry, LL.B. - - - -	1957
Ahrens, Elsie Gladys, B.A. - - - -	1951
Aistrop, Stanley Thomas, B.A. - - - -	1955
Aitchison, Erica Nancy, B.A. - - - -	1954
Aitchison, Gordon Douglas, M.E. - - - -	1931
Aitchison, Gordon James, Ph.D. (M.Sc., 1945) - - - -	1952
Aitchison, Gordon John, B.E. - - - -	1957
Aitken, Gilbert William Elliot, M.B., B.S. - - - -	1927
◦Akhurst, Adrian, LL.B. - - - -	1943
†Akkermans, Charles Henry, M.B., B.S. - - - -	1908
Alcock, Dudley Horace, B.A. - - - -	1959
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
Alexandravicius, Vera, B.D.S. - - - -	1954
†Aleksandrovics, Pavils, B.Tech. - - - -	1954
†Allan, John Brooker, M.B., B.S. - - - -	1958
Allard, James Thomas, B.E. - - - -	1958
Allardice, John Graham, B.E. - - - -	1956
Alden, William George, M.A. (Cambridge, 1958) - - - -	1950
Allen, David William, B.E. - - - -	1959
Allen, Dulce Dawn, B.A. - - - -	1954
Allen, Edgar, M.A. - - - -	1945
Allen, Gordon Lewis, B.E. - - - -	1913
Allen, Gordon Vivian, B.E. - - - -	1951
Allen, Gwenneth Dawn, B.Sc. - - - -	1936
Allen, Henry Joshua, M.A. - - - -	1947
Allen, James Lawrence, B.A. - - - -	1929
Allen, John Bernard, B.A. - - - -	1935
Allen, John Howard, B.Sc. - - - -	1942
Allen, Kevin Reginald, B.D.S. - - - -	1916
Allen, Leonard Nicholls, M.A. - - - -	1952
Allen, Lois Waveney, B.A. - - - -	1933
Allen (nee Mann), Margaret Noble, B.A. - - - -	1913
Allen, Maxwell George, B.Sc. - - - -	1927
Allen, Murray William, B.E. - - - -	1949
Allen, Roy, M.B., B.S. - - - -	1950
Allen, Shirley Hope, B.Sc. - - - -	1951
Allen, Thomas Howard, M.B., B.S. - - - -	1943
Allen, William Douglas, B.Sc. - - - -	1953
Allert, Margaret Elizabeth, B.A. - - - -	1934
Allison, John Kenneth, B.A. - - - -	1950
†Alksnis, Ivars Janis, B.A. - - - -	1939
Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - -	1959
Almond, William Wesley, B.Sc. (Eng.) - - - -	1947
Alpers, Michael Philip, B.Sc. - - - -	1945
Altman, Olive Stella, B.A. - - - -	1956
Altmann, Arthur Richard, B.E. - - - -	1948
†Altmann, Frank William, M.B., B.S. - - - -	1920
Altmann, Herbert Franz, M.B., B.S. - - - -	1959
†Alwyn, John Edward Stacey, M.B., B.S. - - - -	1952
Ambastha, Harendra Narayan Sinha, M.Ag.Sc. - - - -	1958
Ambrose, Betty Rosslyn, M.B., B.S. - - - -	1954
Ambrose, John Rosslyn, M.B., B.S. - - - -	1936
◦Ames, Peter Geoffrey, B.Sc. - - - -	1943
Amey, Douglas John, B.E. - - - -	1956
†Amey, Ian Frank, B.E. - - - -	1958
Amey, Lloyd Ronald, B.Ec. - - - -	1959
Amos, George Lewis, M.Sc. - - - -	1951
†Anastas, George, M.B., B.S. - - - -	1939
†Ansell, Brian Edward John, M.B., B.S. - - - -	1959
Andary, Dean, B.D.S. - - - -	1957
Anders, Douglas John, B.Sc. - - - -	1956
Anders, Ralph Charles, B.E. - - - -	1938
Andersen, Kerstin Lillemor, B.A. - - - -	1934
Anderson, Adrian Akhurst, B.E. - - - -	1952
Anderson, Alan Bruce, B.Sc. - - - -	1934
Anderson, Albert Raymond, M.B., B.S. - - - -	1922
Anderson, Alex Gordon, B.Sc. - - - -	1951
Anderson, Alison Margaret, B.A. - - - -	1953
Anderson, Aubrey James Clifton, B.A. - - - -	1937
Anderson, Claude Leonard, M.B., B.S. - - - -	1947
Anderson, Colin Charles, B.Sc. (Eng.) 1944	1933
Anderson, Donald Robert Ross, M.B., B.S. - - - -	1933
Anderson, Dorothy Kathleen Ross, M.B., B.S. - - - -	1947
Anderson, Douglas Bruce, B.E. - - - -	1942
Anderson, Geoffrey Fraser, LL.B. - - - -	1952
	1943

* Deceased.

† Not yet Members of the Senate.

†Anderson, Gordon Athol, Mus.Bac. - - - 1958	Ashton, Joseph Everette, LL.B. - - - 1922
B.A. - - - 1959	Ashton, Mabel Winifred, B.A. - - - 1936
Anderson, Gwendoline Mary, B.A. - - - 1933	Ashton, Thomas James, M.B., B.S. - - - 1953
Anderson, Isabella, B.A. - - - 1930	Ashwin, Charles Robin, B.A. - - - 1952
Anderson, Jack Sidney, M.B., B.S. - - - 1944	Ashworth, Clarice Mabel, B.A. (Sydney, 1917) - - - 1929
†Anderson, John Brayton, M.B., B.S. - - - 1957	Assumpcao, Carlos Augusto Rocha d', M.B., B.S. - - - 1956
Anderson, Malcolm Webber, B.E. - - - 1955	Assumpcao, Henrique Antonio d', B.E. - - - 1956
Anderson, Max Kimberley, M.B., B.S. - - - 1943	Astley, John Felix, LL.B. - - - 1922
Anderson, Peter Cameron, M.B., B.S. - - - 1948	Astley, Michael John, LL.B. - - - 1951
Anderson, Ronald Alexander, B.Sc. - - - 1948	†Aston, Donald Mervyn, LL.B. - - - 1958
Anderson, Sesca Ross, LL.B. - - - 1941	Aston, Morrell Kenneth, B.Sc. - - - 1942
Anderson (nee Lewis), Sylvia Hilda, M.Sc. - - - 1954	B.A. - - - 1947
Anderson, William Moffat, B.E. - - - 1920	Aston, Robert Graham, B.A. - - - 1956
Andrew, Brian William, B.E. - - - 1948	Atkins, Joan Darlington, LL.B. - - - 1937
Andrew, Hugh Graham, M.B., B.S. - - - 1941	Atkins, Kenneth John, B.E. - - - 1955
Andrew, Ronald Headland, M.B., B.S. - - - 1953	Atkinson, Douglas Ewen, B.Sc. (Eng.) - - - 1949
Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932) - - - 1947	Atkinson, Nancy, D.Sc. (M.Sc., Melbourne, 1932) - - - 1957
Andrews, Jean Mary Agnes, B.A. - - - 1948	†Atrens, Dace, B.A. - - - 1959
Andrews, Jennifer Ruth, B.A. - - - 1956	Atwal, Avtar Singh, Ph.D. - - - 1955
†Andrews, Judith Mary, B.A. - - - 1957	Atwell, Leslie George Danks, B.A. - - - 1930
Andrews, Julian, M.B., B.S. - - - 1932	†Auricht, Clive Oswald, M.B., B.S. - - - 1958
Andrews, Murray William, B.Sc. - - - 1949	Auricht, Reginald Theodore, M.B., B.S. - - - 1948
Andrews, Richard Bullock, B.A. - - - 1887	Austin, Harold Lance, B.D.S. - - - 1952
LL.B. - - - 1891	†Austin, Meredith Helen, B.A. - - - 1959
Angel, Laura Madeline, M.Sc. - - - 1938	†Au-Yong, Moh Cheng, Shirley, B.Sc. - - - 1958
Angel, Mary Taylor, M.B., B.S. - - - 1931	Ayliffe, Roger Wyndham, B.Sc. - - - 1948
Angley, Ronald James, M.Sc. - - - 1954	Aylmore, Lance Arthur Graham, B.Sc. - - - 1955
Angove (nee Clare), Dorothy Cotgrave, B.A. - - - 1912	†Aylmore, Neville Charles, B.A. - - - 1959
Angove, Roger Clare, M.B., B.S. - - - 1938	Ayoub, Charles Salim, M.B., B.S. - - - 1954
Angus, Barbara Ann, M.B., B.S. - - - 1954	†Ayres, Dean Esmond, B.Sc. - - - 1959
Angus, William, B.Sc. (Aberdeen, 1900) - - - 1905	
Angus, William Roy, M.B., B.S. - - - 1923	B
Angwin, William Britton, B.Sc. - - - 1909	Backhouse, Paul Vivian, B.E. - - - 1950
Annear, Douglas Innes, B.Sc. - - - 1944	Baddams, Greta, B.A. - - - 1940
Annells, Ralph Edward, B.D.S. - - - 1951	B.Sc. - - - 1943
Annells, William Charles, M.A. - - - 1899	Baddams, Violet Thenie, B.A. - - - 1938
†Antcliffe, Gault Anderson, B.Sc. - - - 1959	Bade, Ronald Werner, M.B., B.S. - - - 1952
Anthony, Matthew Wilfred, B.A. - - - 1955	Badenoch, Reginald Leslie, LL.B. - - - 1936
†Apostol, Vasille Papadimitriou, LL.B. - - - 1952	Badger, Colin Robert, M.A. - - - 1938
†Appelbee, Peter Ronald, B.D.S. - - - 1957	Badger, Donald Gibson, B.Ec. - - - 1937
Appleby, Arthur George, B.E. - - - 1923	Badger, Geoffrey Malcolm, D.Sc. (Glasgow, 1949) - - - 1950
Appleby, Cyril Angus, B.Sc. - - - 1949	Badger, John Robert, M.B., B.S. - - - 1952
Appleby, Harold Henry, M.B., B.S. - - - 1925	*Badger, Lena Jessie, LL.B. - - - 1937
Appleby, Robert William, M.B., B.S. - - - 1956	Badger, Robert, LL.B. - - - 1914
Appleby, Ronald Louis, B.Sc. - - - 1950	†Badhesha, Jagdev Singh, M.B., B.S. - - - 1958
Appleton, Edgar Arthur, B.A. - - - 1949	Badman, Shirley, B.Sc. - - - 1945
†Appleton, Joan Mary, B.A. - - - 1959	Baghurst, Harold Charles, B.E. - - - 1942
Apps, Bert Frederick George, B.A. (Melbourne, 1934) - - - 1949	†Bagot, Charles Hervey, B.Sc. - - - 1957
†Arbery, James Herbert, B.A. - - - 1959	Bagot, Edward Mead, M.A. - - - 1919
Archer, Geraldine, M.B., B.S. - - - 1948	Bagot, John Hervey, B.A. (Cambridge, 1930) - - - 1931
Archibald, Francis Callum, M.B., B.S. - - - 1944	Bahr, Trevor Ross, B.E. - - - 1954
Arcus, Wesley John, B.A. - - - 1953	Bailey, Alan Paterson, M.Ec. - - - 1952
Arden, Felix Wilfrid, M.D. (M.B., B.S., 1931) - - - 1934	†Bailey, Colin Arthur, M.B., B.S. - - - 1958
Armstrong, Gowan, B.A. - - - 1951	Bailey, Frederick Manson, B.Sc. - - - 1927
†Armstrong, Graeme John, B.Tech. - - - 1959	Bailey, Hubert John, M.B., B.S. - - - 1954
†Armstrong, John Talbot, B.Tech. - - - 1958	Bailey, Keith William, B.D.S. - - - 1951
†Arnold, Donald Clyde, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - 1948	Bailey, Marjorie Anne Paterson, B.A. - - - 1954
*Arnold (formerly Weidenbach), Edwin, M.B., B.S. - - - 1907	†Baillie, Malcolm George, B.E. - - - 1958
Arnold, Herbert Rex, B.A. - - - 1956	Bails, John Herbert, B.E. - - - 1951
Arnold, William Robert, B.E. - - - 1948	Bain, Robert Vernon Stewart, M.Sc. - - - 1953
Arthur, Albert Ralph, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - 1947	Baker, Arthur James Kendall, B.A. - - - 1914
Arthur, Brian Barry, LL.B. - - - 1954	Baker, Donald Montgomery, B.E. - - - 1955
Arula, Kustas, B.D.S. - - - 1956	Baker, Irving Noel, M.Sc. - - - 1955
Arya, Michael Cosit, B.Sc. - - - 1952	Baker, Ralph Alderton, M.B., B.S. - - - 1912
Ash, Arthur Louis George, B.A. - - - 1907	Baker, Robert Morgan, B.Ag.Sc. - - - 1940
Ashby, Enid Lucy, B.Sc. - - - 1947	Baker, Rosemary Anne, B.Sc. - - - 1952
Ashby, Hazel Gwenyth, B.Sc. - - - 1945	Baker, Walter Ross, B.E. - - - 1931
Ashcroft, John, B.Ec. - - - 1956	†Baker, Warwick John, B.E. - - - 1957
†Ashdown, John Peter, B.Tech. - - - 1958	†Bal, Kirpal Singh, B.E. - - - 1958
Ashenden, Leslie Edward, B.A. - - - 1949	Bald, Robert Cecil, LL.B. - - - 1930
Ashton, Colin Baker, M.B., B.S. - - - 1941	D.Litt. - - - 1946
Ashton, Elizabeth Mary, M.A. - - - 1944	†Bald, William Charles, B.A. - - - 1957
Ashton, Evelyn Joyce, B.A. - - - 1943	Baldacchino, Charles Francis, M.B., B.S. - - - 1952
Ashton, Harry Tamblin, B.Sc. - - - 1930	Ball, Karl George, M.B., B.S. - - - 1946
	Ballal, Nandor, M.B., B.S. - - - 1956
	Ballantyne, Elsie Ray, M.A. - - - 1931

* Deceased.

† Not yet Members of the Senate.

Ballard, Leslie Alfred Tucker, B.Ag.Sc. (Melbourne, 1932) - - - - -	1933	Basheer, Keith Cameel, M.B., B.S. - - - - -	1953
M.Ag.Sc. - - - - -	1933	Basheer, Max Rafeek, LL.B. - - - - -	1952
Balmer, Jean Jacques, B.A. - - - - -	1953	Bassett, Maxwell Auger, B.Ec. (Oxford, 1954) - - - - -	1951
Bampton, Colin Charles, B.Sc. (Eng.) - - - - -	1942	Basten, Henry Bolton, M.A. (Oxford, 1954) - - - - -	1954
Bampton, John Charles, M.B., B.S. - - - - -	1954	Bastian, Elwin Scott, B.A. - - - - -	1956
Banks, Alan, B.E. - - - - -	1948	†Basto, Antonio Alberto, B.Ec. - - - - -	1957
Banks, Alan Walker, M.Sc. - - - - -	1958	Batchelor, Florence Elizabeth Reine, M.A. - - - - -	1931
Bannigan, John Thornton, B.Sc. - - - - -	1949	Batchelor, John, B.E. - - - - -	1956
Bannister, Lloyd Benjamin, B.E. - - - - -	1951	Bateman, Gretel Mary, B.Sc. - - - - -	1956
Banos, Poppy Kalliofi, B.Sc. - - - - -	1954	Bateman, Peter Patrick, M.B., B.S. - - - - -	1950
†Banyer, Robert John, B.Sc. - - - - -	1959	Bateman, Wilfrid, B.Sc. - - - - -	1941
Barber, Howard Frank, B.A. - - - - -	1939	Bateman, Winston Trevor, B.E. - - - - -	1956
Barber, Kenneth, B.Sc. - - - - -	1944	Bates, Brian Lewis, B.Sc. - - - - -	1947
Barbour, Graemne Madowal, M.A. - - - - -	1922	Bates, William George James, B.E. - - - - -	1935
Barbour, John Russell, M.S. (M.B., B.S., 1934) - - - - -	1944	Bath, Donald James, B.E. - - - - -	1950
Barbour, Robert, B.A. - - - - -	1916	Battye, Gavin Ross, B.E. - - - - -	1949
Barbour, Robert Angus, M.B., B.S. - - - - -	1955	Baudinet, Walter Hooper, M.B., B.S. - - - - -	1935
Barbour, Robert Roy Pitty, M.A. (Oxford, 1930) - - - - -	1930	Bauer, Franz, M.B., B.S. - - - - -	1942
Barden, Ronald George, Ph.D. (B.E., 1954) - - - - -	1957	Baum, Murray Richard, B.A. - - - - -	1955
Barker, Alwyn Bowman, B.E. - - - - -	1923	Bawden, Albert Victor, B.A. - - - - -	1930
B.S. - - - - -	1931	Bawden, Maxwell George, M.B., B.S. - - - - -	1954
Barker, Denis, M.B., B.S. - - - - -	1956	Bawden, Thomas Edward, B.Sc. - - - - -	1956
Barker, Edgar James, B.E. - - - - -	1936	Baxter, Reginald Robert, B.Sc. - - - - -	1912
Barker, Shirley Bowman, M.B., B.S. - - - - -	1954	†Baxter, Robert Crawford, B.Ag.Sc. - - - - -	1959
Barlow, Douglas Arthur, B.Sc. - - - - -	1942	Bayliss, Colin Evann, M.B., B.S. - - - - -	1951
†Barlow, Douglas John, M.B., B.S. - - - - -	1959	Bazeley, Austin Joseph, B.D.S. - - - - -	1955
Barlow, Grace Barbara, B.A. - - - - -	1951	Bazeley, Francis, B.E. - - - - -	1950
Barlow, Marguerite Mora, M.B., B.S. - - - - -	1947	†Beames, Lloyd Arthur, B.Tech. - - - - -	1959
Barlow, Peter Douglas, B.E. (Interim B.Sc. (Eng.) 1947 surrendered) - - - - -	1948	Bean, Alan Reid, M.B., B.S. - - - - -	1917
Barnard, Howard Lucas, B.E. - - - - -	1924	Bean, Sir Edgar Layton, B.A. LL.B. - - - - -	1913
Barnard, Marguerite Mira, B.A. - - - - -	1911	Bean, Edgar Stewart, M.B., B.S. - - - - -	1947
Barnard, Vina Melba, Mus.Bac. - - - - -	1935	Bean, Malcolm James Layton, B.D.S. - - - - -	1954
Barnes, Charles Stalley, M.Sc. - - - - -	1951	Beaney, Harold Leigh, M.E. (B.E., 1932) - - - - -	1959
Barnes, David Thomas, M.B., B.S. - - - - -	1951	Beard, Donald Douglas, M.B., B.S. - - - - -	1947
Barnes, Eric Stephen, Ph.D. (Cambridge, 1952) - - - - -	1959	Beard, Jack Roland Stanley Grose, M.B., B.S. - - - - -	1914
Barnes, Frederick Lynne, B.Sc. - - - - -	1938	Beard, Roland Maurice Charles Georges, M.B., B.S. - - - - -	1946
Barnes, Marjorie Joyce, LL.B. - - - - -	1937	°Beare, Frank Howard, M.D. (M.B., B.S., 1917) - - - - -	1921
Barnes, Robert, M.B., B.S. - - - - -	1948	Beare, Hedley, B.A. - - - - -	1954
Barnes, Ronald David, B.Ec. - - - - -	1955	†Beare, James Hudson, M.B., B.S. - - - - -	1958
Barnes, Thomas Alfred, M.Sc. - - - - -	1950	Beare, John Alan, B.Ag.Sc. - - - - -	1937
Barnett, Samuel Powell, M.B., B.S. - - - - -	1927	Beare, Thomas Hudson, M.B., B.S. - - - - -	1952
Barnfield, George Thomson, LL.B. - - - - -	1937	Beare, Thomas James, B.E. (Interim B.Sc. (Eng.) 1949 surrendered) - - - - -	1951
†Barr, Alan Marshall, M.B., B.S. - - - - -	1957	Bearman, Imelda, B.A. - - - - -	1952
Barr, Helen Elizabeth, B.Sc. - - - - -	1947	†Beasley, Victor John, B.A. - - - - -	1957
°Barracough, Sir Henry Egerton, M.E. (M.M.E., Cornell) - - - - -	1926	Beaton, Doris Jean, LL.B. - - - - -	1940
†Barrett, Arthur Jeremy, B.Ec. - - - - -	1959	Beauchamp, Edward Benjamin, LL.B. - - - - -	1927
Barrett, Harold John, B.A. - - - - -	1956	†Beaumont, Gordon Dean, M.B., B.S. - - - - -	1959
Barrett, Murray James, M.D.S. - - - - -	1949	Beaumont, Olive Sowter, B.A. - - - - -	1939
Barrett, William Vernon, B.A. - - - - -	1949	Beaumont, Paul Charles, B.A. - - - - -	1921
Barrett-Lennard, Lancelot, M.B., B.S. - - - - -	1947	Beck, Alan Beavis, M.Sc. - - - - -	1932
Barrien, Beryl Stoddart, M.Sc. - - - - -	1938	†Beck, Kevin Charles, B.Sc. - - - - -	1957
Barrien, John, B.E. - - - - -	1948	Beck, Merlin Benjamin, B.Ag.Sc. - - - - -	1949
Barritt, Lola Marjory, B.A. - - - - -	1955	Beck, Robert George, B.Ag.Sc. - - - - -	1941
Barrow, Peter McKee, B.Ag.Sc. - - - - -	1949	Beckwith, Athelstan Laurence Johnson, Ph.D. (D.Phil., Oxford, 1956) - - - - -	1959
Barry, Alfred, LL.D. (Oxford) - - - - -	1889	Beckwith, Ralph Symonds, B.Sc. - - - - -	1944
Barry, Brian Robert, B.Ec. - - - - -	1950	Beckwith, Shirley Katie, B.A. - - - - -	1939
Barter, Francis Charles, LL.B. - - - - -	1931	Bednall, Brian Herbert, B.Sc. - - - - -	1925
Barter, Kenneth Edwin, B.A. - - - - -	1931	Bednall, David Maurice, LL.B. - - - - -	1953
Barter, Robert Alexander, M.D. (M.B., B.S., 1947) - - - - -	1953	†Bednall, Ian William Gordon, B.E. - - - - -	1958
Barter, Ruth Estelle, B.A. - - - - -	1931	Bednall, Maurice William, LL.B. - - - - -	1924
Bartholomaeus, Clifford Geoffrey, B.E. - - - - -	1930	Beech, Ernest Robert, M.B., B.S. - - - - -	1932
Bartholomaeus, Edmund Stanley, B.A. - - - - -	1914	Beech, Margaret Doris, B.Sc. - - - - -	1952
Bartholomaeus, Richard Voules, B.D.S. - - - - -	1955	Beecham, Anthony Frank, B.Sc. - - - - -	1950
Bartlett, Nancy Irene, B.A. - - - - -	1939	Beer, Barbara Helen, M.B., B.S. - - - - -	1956
Bartlett, William John, M.A. - - - - -	1914	Begg, Barbara Rosemary, B.Sc. - - - - -	1947
Barton, David Charles, M.B., B.S. - - - - -	1956	Begg, Betty Shannon, M.B., B.S. - - - - -	1949
Barton, Felix Kingston, B.A. - - - - -	1911	Begg, Malcolm William, M.B., B.S. - - - - -	1956
†Bartsch, Kenneth Murray, B.E. - - - - -	1958	Begg, Percy Raymond, B.D.S. (Melbourne, 1924) - - - - -	1932
°Barwell, Sir Henry Newman, LL.B. - - - - -	1899	D.D.Sc. - - - - -	1935
Barwell, Mary Gilbert, B.A. - - - - -	1926	Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered for B.E., 1918) - - - - -	1918
Basedow, Bernhard Frederick, B.Ec. - - - - -	1954	Behrndt, Arthur Clive, M.B., B.S. - - - - -	1948
°Basedow, Fritz Johannes, B.E. (B.Sc., 1912, surrendered for B.E., 1913) - - - - -	1913	Beilby, Bruce Parnell, B.E. - - - - -	1952
Basedow, Karl Johannes, M.B., B.S. - - - - -	1938	Beilby, Jack Canavan, M.B., B.S. - - - - -	1956

* Deceased.

† Not yet Members of the Senate.

*Bell, Arthur Hammond, M.A. - - -	1925	Biddle, Gordon Crawford, B.Sc. - -	1950
Bell, Donald George, B.A. - - -	1941	Bidstrup, Patricia Leslie, M.D. (M.B., B.S., 1939) - - -	1958
*Bell, Edith Bevilacqua, B.A. - - -	1936	Biele, Keith William, B.Ec. - - -	1952
Bell, Franklyn Gilbert, M.B., B.S. -	1949	*Billing, Geoffry Chandos, B.A. - - -	1922
Bell, Thomas Norman, Ph.D. (Durham, 1957) - - -	1959	Billinghurst, Harry, B.E. - - -	1954
†Beltrame, Gino Ernest, B.E. - - -	1957	†Billinghurst, Onslow Chestle, B.E. - - -	1958
Bender, Jill Margaret, B.A. - - -	1954	Billitzer, Anthony Wolfgang, M.Sc. - - -	1952
Benjaminson, Albert, B.E. - - -	1951	Bills, Allan Maynard, B.A. - - -	1931
Bennett (nee Berriman), Annie Stevens, B.A. - - -	1919	Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered) - - -	1949
Bennett, Charles Gordon, B.A. - - -	1922	Bills, David Charles, B.Sc. - - -	1950
Bennett, David John, B.Sc. - - -	1932	Bills, Lawrence McAusland, LL.B. - - -	1937
Bennett, Donald Collier, M.B., B.S. -	1946	Bills, Malcolm Bruce, B.D.S. - - -	1947
Bennett, Donald John, B.E. - - -	1954	Bilney, Neil Joseph, B.A. - - -	1938
Bennett, Floyd Chester, B.A. - - -	1951	†Bilton, Anthony Herbert, M.B., B.S. -	1958
Bennett, Frederick Norman, B.A. - - -	1905	Binns, Raymond Thomas, M.D. (M.B., B.S., 1923) - - -	1937
Bennett, Graham Leslie, M.B., B.S. -	1935	Birch, John Bright, M.B., B.S. - - -	1915
Bennett, Henry Trevor, LL.B. - - -	1950	Birch, Louis Charles, D.Sc. - - -	1949
†Bennett, James William, B.Ec. (B.Com., Melbourne, 1957) - - -	1958	Birchall, Nicholas John Wardlaw, LL.B. -	1956
Bennett, John Barkly, M.B., B.S. - - -	1947	Bird, Alan Francis, M.Sc. - - -	1955
Bennett, John Henry, Ph.D. (Cambridge, 1952) - - -	1957	†Bird, Peter Allan, B.A. - - -	1953
Bennett, John Nelson, LL.B. - - -	1944	Birdseye, Sydney Alick, M.B., B.S. - - -	1951
Bennett, Keith McQuarrie, B.E. - - -	1925	Birks, Peter Macintyre, M.B., B.S. - - -	1934
†Bennett, Malcolm Gordon, B.A. - - -	1958	†Birks, Peter Roland, B.Ag.Sc. - - -	1957
Bennett, Mary Gilmour, B.Sc. - - -	1951	Birks, Walter Gordon, M.B., B.S. - - -	1937
Bennett, Norman Robertson, M.B., B.S. -	1919	Birks, Walter Richard, B.Sc. - - -	1910
Bennett, Richard Barkly, M.B., B.S. -	1948	†Birrell, Archibald Novar, B.E. - - -	1957
Bennett, Richard Clayton, M.B., B.S. -	1954	†Bishop, John Neil, B.Ec. - - -	1958
Bennett, Thomas Southall, B.A. - - -	1933	Biswas, Samarendra Nath, Ph.D. - - -	1958
Bennett, William Barkly, M.B., B.S. -	1956	Bittner, Anita, B.A. - - -	1956
Bennier, Donald John, B.E. - - -	1951	Black, Edward William, Mus.Bac. - - -	1925
Benskin, Frederick George, M.A. (Oxford, 1900) - - -	1923	Black, Eustace Couper, M.B., B.S. - - -	1910
Benson, Colin John, M.B., B.S. - - -	1953	B.A. - - -	1957
Benson, Maurice Bernard, B.A. (London) - - -	1950	*Black, Geoffrey Howard Barham, M.B., B.S. - - -	1916
Benson, Richard Neville, M.B., B.S. -	1953	Black, James Foster Barham, B.E. - - -	1955
Benson, William Herbert, M.B., B.S. -	1951	Black, Nancy Helen Barham, M.B., B.S. -	1951
Bentley, Alan, M.B., B.S. - - -	1953	Blackburn, Arthur Seaforth, LL.B. - - -	1913
Bentley, John Donald, B.A. - - -	1951	Blackburn, Sir Charles Bickerton, B.A. -	1898
Bentley, William James, B.A. - - -	1935	Blackburn, Harold Stewart, M.B., B.S. -	1942
Bersford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - -	1949	Blackburn, John Stewart, B.A. - - -	1914
Berndt, Kenneth Lewis, B.Sc. - - -	1937	Blackburn, Margaret Alison, B.A. - - -	1951
B.A. - - -	1943	Blackburn, Richard Arthur, B.A. - - -	1939
Berriman, Ian Palmer, B.E. - - -	1955	Blackburn, Robert Stewart, B.D.S. - - -	1941
Berriman, Peter Souter, B.Sc. - - -	1954	Blackburn, Suzanne Burton, M.B., B.S. -	1948
Berriman, Robert Harrold, B.E. (B.Sc., 1915, surrendered for B.E., 1919) - - -	1919	Blacket, Alison Flora, B.A. - - -	1954
Berry, Frances Winifred, M.A. - - -	1919	Blacket, Arthur Howard, B.A. - - -	1927
Berry, Patricia Dean, B.Sc. - - -	1952	Blacket (nee Dickinson), Edith Grace, B.A. - - -	1926
Berry, Philip Alan, M.Sc. - - -	1934	†Blackmore, Gerda, B.A. - - -	1953
Berry, Thomas Bruce, B.D.S. - - -	1953	Blades, James Frederick, B.A. - - -	1947
Berryman, Maurice James, B.E. - - -	1956	Blaess, Frederick John Henry, M.A. - - -	1943
Bert, Ernest Julius, B.E. - - -	1921	Blaess, Ronald Frederick, B.A. - - -	1943
Bessant, Dorothy Elizabeth, B.A. - - -	1952	Blair, David Scott, B.E. - - -	1949
Best, Effie Deland, B.Sc. - - -	1953	*Blair, Euphemia Theodosia, M.A. - - -	1916
Best (nee Deland), Effie Wyllie, M.Sc. -	1930	Blair, Joan Scott, B.A. - - -	1949
Best, Rupert Jethro, D.Sc. - - -	1948	Blair, Ruth Margaret, B.A. - - -	1951
Bested, Gordon John, B.A. - - -	1942	Blake, Milton Audley, B.Sc. - - -	1923
Bettison, Margaret Selina, B.A. - - -	1949	Blakeway, Lionel Norman, B.A. - - -	1948
†Betheras, Frank Rex, M.B., B.S. - - -	1957	Blanch, Beverley Ruth, B.Sc. - - -	1956
Betts, Beatrice Berenice, B.A. - - -	1933	Blaskett, Alan Charles, B.Sc. - - -	1950
Betts, William James, M.B., B.S. - - -	1941	Blaskett, Donald Reginald, B.E. - - -	1940
Bevan, Medhurst Llewellyn Willett, LL.B. - - -	1931	Blaskett, Kenneth Selway, B.E. - - -	1931
†Bevan, Rosalind Mary Willett, LL.B. -	1959	†Blaskett, Malcolm John, B.E. - - -	1959
Beverley, David William Ernest, B.E. -	1951	Blaskett, Sydney Norman, B.E. - - -	1928
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - -	1947	Bleby, Dorothy Aileen, B.A. - - -	1930
Beviss, Archibald Charles Kidman, B.A. -	1943	Bleby, Gordon Edward Henry, LL.B. - - -	1931
Bhavilai, Ravi, M.Sc. - - -	1952	Bleby, John Raymond, B.A. - - -	1933
Biaggi, Ernest Gordon, D.Litt. - - -	1944	Bleby, Thelma Evelyn, LL.B. - - -	1923
Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920) - - -	1920	Blesing, Rae Flora, B.A. - - -	1947
Bickford, Reginald Nevill Cudmore, M.B., B.S. - - -	1935	Blight, John Malcolm, B.Sc. - - -	1950
Biddle, Enid Barbara, B.A. - - -	1948	Blight, Thomas David, B.Sc. - - -	1951
		Bloomfield, Allan John, B.D.S. - - -	1939
		Bloomfield, Dennis Alexander, M.B., B.S. - - -	1956
		Bloomfield, Jack Lee, B.Ec. - - -	1943
		Blown, William Baker, B.E. - - -	1930
		Blum, John, B.D.S. - - -	1955
		Boas, Isaac Herbert, B.Sc. - - -	1899
		†Bockman, David, M.B., B.S. - - -	1959

* Deceased.

† Not yet Members of the Senate.

Bodmer, Noel Frederick John, M.B., B.S.	- - - -	1955
Boehm, Ernst Arthur, M.Ec.	- - - -	1955
Boehm, Jack, LL.B.	- - - -	1952
Boehm, Rolfe Vernon, B.E.	- - - -	1935
Boehm, Walter Gotthilf, B.A.	- - - -	1953
Boer, Edward Douglas, M.B., B.S.	- - - -	1942
Bogner, Robert Eugene, M.E. (B.E., 1956)	- - - -	1959
Bolin, Beverley Louise, B.E.	- - - -	1948
• Bollen, Christopher, M.D. (Toronto, 1891)	- - - -	1894
Bollen, Derek Willoughby, LL.B.	- - - -	1951
Bollen, Kenneth Willoughby, M.B., B.S.	- - - -	1918
† Bollen, Peter Willoughby, B.Sc.	- - - -	1957
Bond, Leonard Gordon, B.A.	- - - -	1924
† Bond, Roy Douglas, B.Tech.	- - - -	1958
• Bond, William Elmhirst Tucker (B.A., Cambridge), B.Sc.	- - - -	1952
Bone, Maxwell Harold, B.A.	- - - -	1938
Bonner, Brian Christopher, B.Sc. (M.B., B.S.)	- - - -	1957
Bonnin, James Arthur, M.D. (M.B., B.S. 1946)	- - - -	1955
Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936)	- - - -	1947
Bonnin, Lansell, M.B., B.S.	- - - -	1941
Bonnin, Murray Frew, LL.B.	- - - -	1936
B.A.	- - - -	1947
Bonnin, Noel James, M.S. (M.B., B.S., 1932)	- - - -	1944
Boaythson, Charles Warren, B.Sc.	- - - -	1938
Bonython, John Langdon, B.A. (Cambridge, 1928)	- - - -	1928
† Bonython, Richard Martin, B.Ag.Sc.	- - - -	1957
Booker, Robert Franklin, M.A.	- - - -	1931
Boomsma, Clifford David, M.Sc.	- - - -	1949
† Boon, Kwong Kah, B.E.	- - - -	1959
Boord, Frederick Hughes, B.A.	- - - -	1956
Boord, Leslie, B.E.	- - - -	1953
Booth, Edward Stirling, B.Sc.	- - - -	1932
Booth, Jean Marie, Mus.Bac.	- - - -	1944
Boothby, Charles Brinsley, LL.B.	- - - -	1886
† Borick, Kevin Vincent, LL.B.	- - - -	1959
Borland, Francis Thomas, M.A. (Melbourne)	- - - -	1952
† Boros, Peter George, B.E.	- - - -	1959
Borrow, Keith Travers, LL.B.	- - - -	1939
Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937)	- - - -	1947
Bosher, Peter Abel, B.E.	- - - -	1950
Bosher, Victor James Marcel, M.Sc.	- - - -	1949
Bosworth, Richard Charles Leslie, D.Sc.	- - - -	1938
• Bosworth, Richard Leslie Eugene, B.Sc.	- - - -	1901
Botham, John Robert, B.Ag.Sc.	- - - -	1950
Botten, Robert Gray, M.B., B.S.	- - - -	1949
Boucaut, James Penn, LL.B.	- - - -	1939
† Boucaut, William Ray Penn, B.Sc.	- - - -	1958
Boundy, Clive Alfred Paul, B.E.	- - - -	1935
Boundy, Rex, B.E.	- - - -	1923
Boundy, William Stevenson, B.Sc.	- - - -	1950
Bourke, Elma Marie, B.A.	- - - -	1933
• Bourke, George Herbert, B.A.	- - - -	1924
Bourke, Herbert Merwin, M.B., B.S.	- - - -	1922
Bourne, Malcolm Cornelius, B.Sc.	- - - -	1949
Bowden, John Gilmorc, B.Sc.	- - - -	1954
Bowden, Kevin Benjamin, B.E.	- - - -	1951
Bowden, Wallace Auckland, M.B., B.S.	- - - -	1953
Bowen, Maurice Emanuel, LL.B.	- - - -	1956
Bowering, Beryl, M.B., B.S.	- - - -	1933
Bowering, Douglas Charles, M.B., B.S.	- - - -	1954
Bowering, Owen Wheatley, M.B., B.S.	- - - -	1937
Bowes, Colin Robert, B.Sc.	- - - -	1945
Bowes, Donald Ralph, M.Sc.	- - - -	1948
Bowes, Keith Russell, B.A.	- - - -	1955
M.A.	- - - -	1958
Bowey, Allan Edgar, B.Sc.	- - - -	1953
Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	- - - -	1949
Bowler, Ross Richard, M.B., B.S.	- - - -	1948
Bowler, John Kirkpatrick, M.B., B.S.	- - - -	1937
Bowness, Alexander, B.Ec.	- - - -	1947
† Bowyer, Donald Albert, B.E.	- - - -	1957
Boyce, Althea Enid, B.A.	- - - -	1930
Boyce, Robert William, B.E.	- - - -	1954
Boyce, Sidney Herbert, B.E.	- - - -	1928
Boylan, Francis Eugene, LL.B.	- - - -	1953
Boyle, Kevin William, B.E.	- - - -	1940
Boyle, Lester Robert, M.D.S. (B.D.S., 1943)	- - - -	1947
Brabham, Roy Andrew, B.E.	- - - -	1956
Baerken, Maurice John, B.A.	- - - -	1947
Braddock, Lyall Arthur, B.Ec.	- - - -	1944
Braden, Allan Walter Horace, B.Sc.	- - - -	1947
† Bradley, James, B.Tech.	- - - -	1959
Bradley, Michael Charles, B.A.	- - - -	1955
Bragg, Sir William Lawrence, B.A.	- - - -	1908
† Braham, Henry Arnold Collyer, B.A.	- - - -	1959
† Brain, Patricia Ethel, M.B., B.S.	- - - -	1957
Brame, Alan John Fisher, B.E.	- - - -	1951
Bramwell, Myra Gladys, B.A.	- - - -	1940
† Brand, Ian Allan George, M.B., B.S.	- - - -	1957
Brandstater, Bernard John, M.B., B.S.	- - - -	1951
Brandstater, Rhona, B.Sc.	- - - -	1949
† Branford, Neil Leslie, B.Ec.	- - - -	1959
Branson, Colin William, B.Ec.	- - - -	1953
Branson, Dean Martin, M.B., B.S.	- - - -	1955
Branson, Harold Randolph, M.B., B.S.	- - - -	1921
Brasch, Leonard William, B.Sc.	- - - -	1950
Brauer, Edwin Harold, B.A.	- - - -	1947
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899)	- - - -	1905
† Brauer, Thomas, B.Tech.	- - - -	1959
Braunthal, Norman Frank, B.Ec.	- - - -	1947
Brawn, May, M.A.	- - - -	1924
Bray, Andrew Mackie, B.E.	- - - -	1950
Bray, Elva Mildred, B.A.	- - - -	1941
Bray, Gildart Harvey, M.A. (Aberdeen, 1890)	- - - -	1891
Bray, Isabel Mary, B.Sc.	- - - -	1951
Bray, John Jefferson, LL.D.	- - - -	1937
Bray, John Marmion, B.Sc.	- - - -	1942
Bray, Robert Stow, B.Sc.	- - - -	1950
Bray (nee Trengove), Rosalie Irene, M.A.	- - - -	1930
Bray, William Harry, LL.B.	- - - -	1951
Brazel, James Francis, LL.B.	- - - -	1926
Brazier, John Richard, B.A.	- - - -	1948
Breakey, Angus James, B.E.	- - - -	1953
Breakwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931)	- - - -	1939
Brealey, Keith Lisle, B.Sc.	- - - -	1951
Brearley, Maurice Norman, Ph.D.	- - - -	1958
• Brebner, Charles Cave, LL.B.	- - - -	1918
Brebner, Charles Ross, LL.B.	- - - -	1954
Brebner, Donald Malcolm, LL.B.	- - - -	1951
Bree, Ellen Ruth, B.A.	- - - -	1942
Bree, Joan Alison, B.Sc.	- - - -	1948
Brentnall, George Rex, M.B., B.S.	- - - -	1953
Brett, Horace William Walter, Ph.D. (B.Sc., 1951)	- - - -	1957
Brett, Peter Robin, B.Sc.	- - - -	1956
Breynard, Keith Beaumont, B.E.	- - - -	1956
Brice, Annette, B.A.	- - - -	1954
Brice, Emilie Una, B.A.	- - - -	1937
Brice, Helen Elizabeth, B.Sc.	- - - -	1953
Brice, John Marshall, B.Sc.	- - - -	1951
Brideson, Hedley Cyril, B.A.	- - - -	1943
† Bridge, Kennedy James, B.A.	- - - -	1959
Bridgland, Milton Deane, B.Sc.	- - - -	1942
Bridgland, Reginald James, M.E.	- - - -	1935
Brigden, James Bristock, B.A. (Oxford, 1920)	- - - -	1926
Bright, Charles Hart, B.A.	- - - -	1934
LL.B.	- - - -	1934
Brindal, Rosemary Barbara, M.B., B.S.	- - - -	1949
Brindal, William Harley, B.D.S.	- - - -	1956
Brisbout, John Augustus Roger, M.B., B.S.	- - - -	1950
Broadbent, Eric Elihu, M.B., B.S.	- - - -	1917
Broadbent, Henry Neil Gribble, B.E.	- - - -	1952
Broadbent, Ian Nicholas, M.B., B.S.	- - - -	1954
Proudfoot, Kenneth Davidson, B.E.	- - - -	1954
Brock, Erland Jeffrey, B.A.	- - - -	1955
Brock, Rex Richard Ashby, M.B., B.S.	- - - -	1949
Brock, Robert John, B.E.	- - - -	1955

* Deceased.

† Not yet Members of the Senate.

Brockhoff, John Ashleigh, B.Sc.	- -	1956	Brown, Ross Alvarez, M.B., B.S.	- -	1951
†Brockhurst, Peter John, B.Tech.	- -	1959	Brown, Tasman, B.D.S.	- -	1950
Brocksopp, John Ernest, LL.B.	- -	1934	Brown, Warwick Day, B.Sc.	- -	1944
Brockway, George Ernest Emerson, B.Sc.	- -	1921	Browne, Noel John, M.B., B.S.	- -	1953
Brokensha, Peter, B.E.	- -	1950	Browne, Philip, M.A.	- -	1928
Bromfield, Donald Hamilton, M.B., B.S.	- -	1946	*Brownell, Angus Lauriston, B.E.	- -	1952
Bronner, Rudolph, M.A.	- -	1926	Brownell, Peter Ferguson, Ph.D. (B.Ag.Sc., 1951)	- -	1959
Brook, Donald Leslie, B.E.	- -	1949	Browning, Thomas Oakley, Ph.D. (B.Sc., 1949)	- -	1951
Brook, Richard John, B.Sc.	- -	1956	Bruce, Clifford Roy, B.A.	- -	1949
Brooke, Joyce Ethel, M.Sc.	- -	1939	Bruce, The Right Honourable Stanley Melbourne, LL.D. (Cambridge, 1923)	- -	1926
Brooke, Malcolm Archibald, B.E.	- -	1925	Brummitt, Donald William, M.B., B.S.	- -	1938
†Brooke, Peter Michael, B.E.	- -	1958	†Brummitt, Peter Elliott, M.B., B.S.	- -	1957
Brooke, William Charles Robert, B.E.	- -	1931	Brummitt, Robert, M.B., B.S.	- -	1955
†Brooker, Murray Ian Hill, B.Ag.Sc.	- -	1957	Bryan, Claude John Dennis, M.B., B.S.	- -	1950
Brookman, Benjamin Edward, M.B., B.S.	- -	1944	Bryan, Peter Kaye, M.B., B.S.	- -	1954
Brookman, Graham George, B.E.	- -	1949	Bryant, Kenneth Hyett, M.B., B.S.	- -	1955
Brookman, John Gordon, B.E.	- -	1937	Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.) 1947 surrendered)	- -	1948
Brookman, John Ragless, M.E.	- -	1925	Buchan, Howard James, B.Sc. (Sydney, 1950)	- -	1955
*Brooks, Albert Joseph, B.A.	- -	1904	Buckley, Joseph Edward, B.Sc.	- -	1950
Brooks, Brian John, B.E.	- -	1951	Buckett, Reginald Clement, B.E.	- -	1931
†Brooks, Colin Charles, B.Sc.	- -	1959	Buick, William George, B.A.	- -	1956
Brooks, David Stirling, M.E.	- -	1958	Bulbeck, Francis Paul, B.E.	- -	1951
Brooks, George Herbert, B.Sc. (Eng.)	- -	1943	Bull, Frank Bertram, B.E. (B.Sc., London, 1937)	- -	1953
Brooks, Hector Buckland, B.Ag.Sc.	- -	1954	Bull, Winnifred, B.A.	- -	1943
Brooks, Ian Arnot, M.B., B.S. (Edinburgh, 1943)	- -	1955	Bullas, Leonard Raymond, M.Sc.	- -	1957
Brooks, James Alfred, B.Sc.	- -	1952	Bulling, William John, B.E.	- -	1939
Brooks, Joyce Dardanella, B.A.	- -	1945	Bullock, John Hynam, B.E.	- -	1936
Brooks, Merle Olive, B.A.	- -	1947	Bunday, David Hamilton, B.E.	- -	1951
Brooks, Mervyn Leslie, B.Sc.	- -	1948	Bunday, John Goode, M.B., B.S.	- -	1947
Brooks, Richard Rodney, B.E.	- -	1935	Bunbrock, William John, B.E.	- -	1952
Broomhead, Edwin Norman, M.A.	- -	1940	Bungey, Roger Saunders, B.Sc.	- -	1952
Brose, Henry Herman Leopold Adolph, D.Sc.	- -	1931	Bunney, Bronte Rowland, B.Sc.	- -	1951
Broughton, Rodney Whitfield-Smith, B.E.	- -	1953	Bunney, Judith Anne, B.A.	- -	1956
Brous, Michel, M.B., B.S.	- -	1945	Burchett, Kemer Ann, LL.B. (B.A., 1954)	- -	1953
*Brown, Arthur Cubitt, B.E. (B.Sc., 1911, surrendered for B.E., 1914)	- -	1914	†Burchmore, John William, M.B., B.S.	- -	1959
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge)	- -	1926	Burdett, John Charles, LL.B.	- -	1951
Brown, Cyril Mailland Ash, B.A.	- -	1932	Burdon, Ella Kate (nee McRostie), B.A.	- -	1915
Brown, Donald Edgar, B.A.	- -	1954	Burdon, Geoffrey Jasper, B.E.	- -	1949
Brown, Dougal Hamilton, B.E.	- -	1948	Burdon, Ivor Leslie, B.A.	- -	1943
Brown, Enid Norma, B.A.	- -	1939	Burdon, Kenneth Roy, M.B., B.S.	- -	1949
Brown, Ernest William, D.Sc. (Cambridge, 1897)	- -	1914	Burdon, Roy Stanley, D.Sc.	- -	1935
Brown, Frederick George, B.A. (London, 1898)	- -	1906	Burfield, Arthur, B.A.	- -	1934
Brown, B.Sc.	- -	1910	†Burfield, Brenton Graham, B.D.S.	- -	1959
Brown, Graham Barrett, B.E.	- -	1952	Burfield, Lance Samuel, B.E.	- -	1940
Brown, Geoffrey Frank, B.Sc.	- -	1952	†Burford, Mary Jill, B.Sc.	- -	1957
Brown, Geoffrey Ivan, B.D.S.	- -	1946	Burford, Robert Royce, B.Sc.	- -	1955
Brown, Geraldine Whittle, B.Sc.	- -	1949	Burford, Warren Lindsay, B.Sc.	- -	1945
Brown, Henry, M.A.	- -	1924	Burger, George Emanuel, M.Sc. (Ph.D., Vienna, 1927)	- -	1940
B.E.C.	- -	1936	Burgess, Annie Frances, B.A.	- -	1909
Brown, Howard Arthur, B.E.	- -	1938	Burgess, John Albert, B.E.	- -	1957
Brown, Ian, B.Sc.	- -	1940	Burgess, Leslie Frank, B.Sc.	- -	1908
Brown, James Howard, M.B., B.S.	- -	1944	Burgess, Norman Cecil, B.E.	- -	1923
†Brown, Jennifer May, M.B., B.S.	- -	1957	Burgess, Richard John, B.D.S.	- -	1956
Brown, Joan, B.Sc.	- -	1954	Buring, Franz Maurice, B.E.	- -	1923
Brown, John Arthur Stacy, B.Sc.	- -	1951	Buring, Rupert Hermann Maurice, B.Sc.	- -	1929
Brown, Judith Eileen, B.Sc.	- -	1954	†Burke, Philip Damien, B.Sc.	- -	1958
Brown, Kenneth Aylesbury, B.D.S.	- -	1950	Burleigh, Eric Charles, M.A. (Bristol, 1951)	- -	1956
Brown, Kenneth Bamden, M.B., B.S.	- -	1942	†Burley, Simon Peter, B.Sc.	- -	1959
Brown, Laurence Binet, Ph.D. (London, 1954)	- -	1958	Burnard, David Alexander, Mus.Doc.	- -	1932
Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.) 1946 surrendered)	- -	1948	Burnard, Donald Frank, B.E.	- -	1935
Brown, Margaret, M.B., B.S.	- -	1956	Burnard, Patricia de Garis, B.A.	- -	1938
Brown, Mary Home, B.Sc.	- -	1902	Burnard, Renfrey Gershom, M.B., B.S.	- -	1904
Brown, Maurice William, M.B., B.S.	- -	1954	Burnard, Richard de Garis, M.B., B.S.	- -	1937
Brown, Norman, B.A.	- -	1952	Burnard, William Frank, B.Sc.	- -	1952
Brown, Raymond George, Ph.D. (Birmingham, 1956)	- -	1959	Burnell, Arthur William, M.B., B.S.	- -	1943
Brown, Reginald Dutton, B.E.C.	- -	1945	*Burnell, Glen Howard, M.D. (M.B., B.S., 1916)	- -	1920
Brown, Richard Archibald, B.E.	- -	1954	Burnell, Reginald George, B.A.	- -	1905
Brown, Robert Foster, LL.B.	- -	1936	Burnett, Baltimore Edward Thackeray, B.A.	- -	1937
Brown, Roger Norman, Ph.D. (B.Sc., 1952)	- -	1959			

* Deceased. † Not yet Members of the Senate.

†Burnett, Ian Brandwood, LL.B.	- - - -	1958	Camens, Ivan Maurice Henry, M.B.,	- - - -	1947
Burnett, Leonard Ward, B.E.	- - - -	1949	B.S.	- - - -	
Burnham, Mary Elizabeth, B.A.	- - - -	1951	Cameron, Cyril Thomas Murray, M.B.,	- - - -	1954
Burns, Chester Arnold, B.D.S.	- - - -	1929	B.S.	- - - -	1958
Burns, Clement Aylesbury Colin, M.B.,	- - - -	1954	†Cameron, Donald Ewen, B.Ec.	- - - -	1957
B.S.	- - - -		†Cameron, Duncan James, M.B., B.S.	- - - -	1950
Burns, Erica Marian, B.Sc.	- - - -	1955	Cameron, Ian Edmund, LL.B.	- - - -	1921
Burns, John Cumming, B.D.S.	- - - -	1926	*Cameron, Robert Ewen, B.A.	- - - -	1951
Burns, Marjorie Ruth, B.A.	- - - -	1952	Cameron, Roy James, M.Ec.	- - - -	1950
Burns, Mary Leonora, M.A.	- - - -	1931	Campbell, Allan Gordon, M.S. (M.B.,	- - - -	1955
Burns, Peter James Stedman, M.B.,	- - - -	1954	B.S., 1938)	- - - -	1925
B.S.	- - - -		Campbell, Archibald Duncan, B.A.	- - - -	1896
*Burns, William Middleton, LL.B.	- - - -	1920	Campbell, Archibald Herbert, B.A.	- - - -	1889
Burnside, James Patrick, B.Sc.	- - - -	1950	Campbell, Ian George, M.B., B.S.	- - - -	1911
Burrage, Betty Dalmahoy, B.Sc.	- - - -	1944	Campbell, Colin Arthur Fitzgerald,	- - - -	1897
Burrell, Edward Sampson, B.D.S.	- - - -	1940	M.A. (Cambridge, 1889)	- - - -	
Burrow, Allan Lincoln John, B.Sc.	- - - -	1937	Campbell, Donald, LL.B.	- - - -	1947
Burrow, John Francis, B.D.S.	- - - -	1951	Campbell, Florence Way, Mus.Bac.	- - - -	1956
Burston, Robin Archibald, M.B., B.S.	- - - -	1943	Campbell, Frederick Charles Henry,	- - - -	1906
Burston, Samuel Roy, M.B., B.S. (Mel-	- - - -	1930	B.E. (Interim B.Sc. (Eng.), 1942,	- - - -	1909
bourne, 1910)	- - - -		surrendered)	- - - -	1955
Burton, Alice Madge, M.A.	- - - -	1931	Campbell, George McClelland, B.D.S.	- - - -	1953
Burton, Dudley Hopetoun, B.A.	- - - -	1938	Campbell, Gordon Cathcart, B.A.	- - - -	1905
†Burton, Janet Elizabeth, LL.B.	- - - -	1959	LL.B.	- - - -	1908
Burton, Maxwell Victor, B.Ag.Sc.	- - - -	1950	Campbell, Ian Duncan, B.E.	- - - -	1929
Burton, Nancy Glen, B.A.	- - - -	1932	Campbell, Ian George, M.B., B.S.	- - - -	1931
Burton, Patrick Andrew, M.B., B.S.	- - - -	1956	*Campbell, James Way, B.A.	- - - -	1933
Burton, Peter, B.E.	- - - -	1955	LL.B.	- - - -	1905
Burvill, George Henry, M.Ag.Sc. (B.Sc.	- - - -	1939	Campbell, Jessie, B.A.	- - - -	1908
Agric. Western Australia, 1931)	- - - -		Campbell, Jessie, B.A.	- - - -	1929
†Burvill, Peter Walter, M.B., B.S.	- - - -	1957	Campbell, Kenneth Bruce Desmond,	- - - -	1931
Bush, Lilian, M.A. (Edinburgh, 1933)	- - - -	1953	B.E.	- - - -	1958
Butcher, Alan Edward, B.A.	- - - -	1931	†Campbell, Kevin Desmond, B.Tech.	- - - -	1923
†Butcher, Ian Robert, B.E.	- - - -	1957	Campbell, Thomas Draper, D.D.Sc.,	- - - -	1939
Butler, Deirdre Brigid, B.Sc.	- - - -	1953	(B.D.S., 1921)	- - - -	
Butler, Frederick Stanley, M.A.	- - - -	1893	D.Sc.	- - - -	
Butler, James Mortimer, B.Sc.	- - - -	1951	Canaway, Geoffrey Watson, B.E.	- - - -	1931
Butler, Joan Hilary, B.Sc.	- - - -	1954	Cannell, Cedric James, B.Sc.	- - - -	1943
Butler, Kathleen Fiona, B.A.	- - - -	1944	B.A.	- - - -	1959
Butler, Pamela Margaret, B.Sc.	- - - -	1956	†Cannell, John Kingierley, B.E.	- - - -	1922
Butler, Peter Forsythe, M.Ag.Sc.	- - - -	1951	*Canney, Richard Francis, M.A.	- - - -	1926
Butler, Randal St. John Michael, M.B.,	- - - -	1954	B.Sc.	- - - -	1949
B.S.	- - - -		Canning, Albert Edward, B.E.	- - - -	1953
Butler, Stuart Thomas, M.Sc.	- - - -	1948	Canny, Kevin Francis, LL.B.	- - - -	1947
Butler, William Henry, B.Sc.	- - - -	1931	Cant, Nicholas Joseph, B.Sc.	- - - -	1939
Butler-Nixon, Grahame Gordon, LL.B.	- - - -	1956	†Cant, Alistair McKinnon, B.A.	- - - -	1959
Butterworth, Boyd Robert, M.B., B.S.	- - - -	1951	B.Sc.	- - - -	1924
Butterworth, Clarence Gerald Roy, B.A.	- - - -	1929	Cant, Harry Arundale, B.Sc.	- - - -	1954
Butterworth, David John, B.Sc.	- - - -	1952	Cant, Isobel Brown, B.A.	- - - -	1949
†Butterworth, Geoffrey Noel, B.E.	- - - -	1958	Cant, Rodney Revett, B.Ag.Sc.	- - - -	1959
Butterworth (nee Foster), Helen Les-	- - - -	1954	†Cantlon, Bryon Ernest Charles, B.Tech.	- - - -	1957
ley, M.Sc.	- - - -		†Capon, Ian Nicholas, B.Sc.	- - - -	1958
Butterworth, Peter Walter, B.E.	- - - -	1951	†Carapetis, Steve, B.Tech.	- - - -	1953
Buttery, Roland Richard, LL.B.	- - - -	1924	Carde, Edward John, B.Ec.	- - - -	1946
Buttery, Ronald Gordon, Ph.D.	- - - -	1956	Carey, Francis Clive Savill, Mus.Bac.	- - - -	1924
Button, Reginald Ernest, B.E.	- - - -	1934	(Cambridge, 1906)	- - - -	1958
Buttrose, Ian, LL.B.	- - - -	1918	†Carey, Gerald David, B.Ec.	- - - -	1954
Buttrose, Mark Sinclair, M.Sc.	- - - -	1959	Carey, John Gilbert, B.Sc.	- - - -	1926
(B.Ag.Sc., 1956)	- - - -		*Carlin, Cyril Brooke, M.B., B.S.	- - - -	1948
Buttrose, Stroma, B.A.	- - - -	1955	Carman, Robert Douglas, M.S. (M.B.,	- - - -	1936
†Buxton, John Balfour, B.Sc.	- - - -	1957	B.S., 1939)	- - - -	1947
Byard, Douglas John, B.A. (Oxford,	- - - -	1889	Carman, Stephen Hewett, LL.B.	- - - -	1950
1882)	- - - -		Carmen, Noel Francis, B.A.	- - - -	1912
Byles, Baldur Unwin, B.Sc.	- - - -	1925	Carmichael, Donald Ross, B.A.	- - - -	1940
Byrne, Alfred Dudley, M.B., B.S.	- - - -	1927	Carne, Alfred George, B.A.	- - - -	1917
Byrne, Bernadette Marie Therese, B.A.	- - - -	1950	Carne, Ian Hamilton, B.E.	- - - -	1958
†Byrne, Osman Roy, B.Sc.	- - - -	1958	Carr, Emma Lucy, B.A.	- - - -	1933
Byrne, Peter Noel, B.Ag.Sc.	- - - -	1952	†Carrail, Robert Murray, B.Ag.Sc.	- - - -	1957
Byrne, William Creedon, B.A.	- - - -	1954	Carroll, Mary Philomena, B.A.	- - - -	
C					
Cahalan, Maurice James, B.Sc. (Eng.)	- - - -	1945	†Carruthers, Alfred Lloyd Harvey, B.Ec.	- - - -	1926
†Caines, Jennepher Ellen, B.A.	- - - -	1958	*Carlaw, Horatio Scott, D.Sc. (Sc.D.,	- - - -	1954
*Cairns, Hugh William Bell, M.D. (Ox-	- - - -	1948	Cambridge, 1908)	- - - -	1957
ford) (M.B., B.S., 1917)	- - - -		Carter, Alan Norval, M.Sc.	- - - -	1954
Calder, David Everard, B.E.	- - - -	1927	†Carter, Alexander John, B.Sc.	- - - -	1947
Calder, Rex Finlayson Cormack, B.E.	- - - -	1950	Carter, Charles Robert, B.Sc.	- - - -	1949
Calder, Ronald Rex, B.E.	- - - -	1950	Carter, Edward Diment, B.Ag.Sc.	- - - -	1957
Calder, Shirley Hilda, M.B., B.S.	- - - -	1950	†Carter, Elijah, LL.B.	- - - -	1942
Caldicott, Emma Victoria, B.A.	- - - -	1927	Carter, Elizabeth Reay, B.A.	- - - -	1922
Caldwell, Hilda Valmai, B.Ec.	- - - -	1941	Carter, Frank Killingbeck, B.Sc.	- - - -	1952
Callaghan, John Phillip, B.A.	- - - -	1952	Carter, Ian Dan, M.B., B.S.	- - - -	1918
LL.B.	- - - -		Carter, Ida Jane, B.A.	- - - -	
Callus, Francis Arthur, B.Sc.	- - - -	1954		- - - -	

* Deceased.

† Not yet Members of the Senate.

Carter, Maurice Vernon, M.Ag.Sc. - - - - -	1957	Chase, Brian Collison, B.E. - - - - -	1956
Carter, Maxwell John, B.Sc. - - - - -	1948	†Cheah, Dolly, B.Sc. - - - - -	1959
Carter, Melville Lionel, M.B., B.S. - - - - -	1953	†Cheah, Sim Huat, M.B., B.S. - - - - -	1957
†Carter, Rodney Frederick, M.B., B.S. - - - - -	1959	Cheek, Allison Mary, B.A. - - - - -	1949
Carthew, Allen Rex, B.Sc. - - - - -	1949	Cheek, Bruce Mansfield, M.A. - - - - -	1949
Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Cheek, Donald Brook, M.D. (M.B., B.S., 1947) - - - - -	1953
Carthew, John, B.E. - - - - -	1952	Cheek, Nancy Olive, M.B., B.S. - - - - -	1942
Carthew, Lancelot, B.A. - - - - -	1932	†Cheeseman, Andrew Walford, B.A. - - - - -	1959
Cartledge, Jack Pickering, LL.B. - - - - -	1921	Cheesman, Graham Frank, M.B., B.S. - - - - -	1946
Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Cheliew, Thelma Loraine, B.Sc. - - - - -	1954
Cashmore, Alec Brooke, M.Sc. - - - - -	1938	Chenell, John Gordon Peake, B.Sc. - - - - -	1951
Cashmore, George Herbert, M.B., B.S. - - - - -	1927	Cheney, Kevin, M.B., B.S. - - - - -	1956
Cashmore, Helen Patricia, B.A. - - - - -	1948	Cherry, Aileen Percival, B.A. - - - - -	1934
Casling, Reginald Herbert, B.E. - - - - -	1951	M.B., B.S. - - - - -	1949
Casson, Leslie Frank, M.A. - - - - -	1928	*Cherry, Alan Percival, M.B., B.S. - - - - -	1941
Casson, Paul Bevis, B.Sc. - - - - -	1935	Cherry, Edward Percival, M.B., B.S. - - - - -	1938
Castle, Edgar Woods, B.A. - - - - -	1952	Chesney, David Alexander, B.Sc. - - - - -	1954
Castle, Robert Norman, M.B., B.S. - - - - -	1953	B.A. - - - - -	1957
Castles, Alexander Guthbert, LL.M. (J.D., Chicago, 1957) - - - - -	1959	Chester, Harry Leonard, M.B., B.S. - - - - -	1925
Catcheside, David Guthrie, D.Sc. (London) - - - - -	1952	Chester, Leonard Raymond, B.Sc. - - - - -	1951
Catchlove, Sydney George Leyland, M.B., B.S. - - - - -	1907	Chesterman, Harry Martin, B.E. - - - - -	1950
Catchpole, John Roger, B.Sc. - - - - -	1952	†Chew, Chong Kan, M.B., B.S. - - - - -	1957
†Catford, Geoffrey William, B.A. - - - - -	1959	Chibnall, Helen, B.Sc. - - - - -	1944
Catho, Keith James, Ph.D. (B.E., 1954) - - - - -	1957	Chick, John Bertram, B.Sc. - - - - -	1948
†Cattrall, Robert Walter, B.Sc. - - - - -	1957	M.B., B.S. - - - - -	1955
Causby, Donald James, B.E. - - - - -	1950	†Chick, Malcolm, B.Sc. - - - - -	1958
Caut, David Kennings, M.B., B.S. - - - - -	1946	Chignell, Arthur Kent, B.A. - - - - -	1900
*Caut, Leslie George William, B.A. - - - - -	1921	Child, Marie Beatrice, B.A. - - - - -	1926
Caut, Leslie James, M.B., B.S. - - - - -	1954	Childs, John Tothill, B.D.S. - - - - -	1952
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902) - - - - -	1931	Childs, Peter Anthony, M.B., B.S. - - - - -	1953
Cawdle, Robert Ferris, B.E. - - - - -	1951	*Chilman, Eliza Stewart, B.A. - - - - -	1930
Cawte, Frederick George Nelson, B.A. - - - - -	1943	Chinner, Beryl Esther, Mus.Bac. - - - - -	1947
Cawte, John Ewart, M.B., B.S. - - - - -	1949	Chinner, Graham Alan, M.Sc. - - - - -	1955
Cellier, Kevyn Meylan, B.Sc. - - - - -	1955	Chinner, Melville Ernest, M.D. (M.B., B.S., 1925) - - - - -	1938
†Chai, Hon-Chan, B.A. - - - - -	1959	*Chisholm, Neil Leslie, B.E. - - - - -	1954
Chalklen, Gwendoline Elizabeth, B.A. - - - - -	1930	Chittleborough, Glen, B.Sc. - - - - -	1956
Chalklen, Roland John, B.A. - - - - -	1956	Chittleborough, Jeffrey David, B.Sc. - - - - -	1951
Chamberlain, Reginald Roderic St. Clair, LL.B. - - - - -	1922	Chittleborough, John Lincoln, B.E. - - - - -	1956
†Chambers, Gordon Manson, M.B., B.S. - - - - -	1957	Chittleborough, Laurel Evelyn, B.A. - - - - -	1947
*Chambers, William Charles Teesdale, M.B., B.S. - - - - -	1942	Chittleborough, Robert Graham, M.Sc. - - - - -	1952
*Champion de Crespigny, Sir Constantine Trent, M.D. (Melbourne, 1906) - - - - -	1913	Chmeliauskas, Stasys, B.A. (Ph.D. Leipzig, 1944) - - - - -	1954
Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930) - - - - -	1933	Choate, Max Paul, B.A. - - - - -	1950
†Chan, Chee Wah, B.E. - - - - -	1959	†Chong, Chee Tsun, M.B., B.S. - - - - -	1959
Chan, Kong Lam, M.B., B.S. - - - - -	1956	†Chong, Yoon Hin, B.Sc. - - - - -	1958
Chandler, Arthur James, M.B., B.S. - - - - -	1927	Choo, Chek Juan, B.Ec. - - - - -	1956
†Chandran, Saravanamuthu, M.B., B.S. - - - - -	1959	†Choo, Soo Bin, B.D.S. - - - - -	1957
†Chaplin, Denis Howard, B.Tech. - - - - -	1959	Choo, Suat Bee, B.Sc. - - - - -	1959
Chapman, Arthur Horsley, B.E. - - - - -	1927	Christie, Basil James Frederick, Ph.D. (B.Sc., 1953) - - - - -	1958
Chapman, Ernest Stirling, B.D.S. - - - - -	1928	Christie, Margaret, B.A. - - - - -	1945
Chapman, Frank Hewett, LL.B. - - - - -	1930	Christie, Patrick Joseph, LL.B. - - - - -	1925
Chapman, Gilbert Wesley, M.B., B.S. - - - - -	1955	Christie, William, M.B., B.S. - - - - -	1925
Chapman, John Marsden, B.A. - - - - -	1934	Christophers, Barry Eastwood, M.B., B.S. (Melbourne, 1945) - - - - -	1956
Chapman, Peter Noel, B.D.S. - - - - -	1952	Christophersen, Jack Vivian, B.D.S. - - - - -	1927
*Chapman, Robert Hall, M.E. (B.Sc. 1910, surrendered for B.E., 1913) - - - - -	1921	†Chuah, Kim Leong, B.Sc. - - - - -	1959
Chapman, Stanley Bertram, B.Sc. - - - - -	1931	Church, Jack Raymond, B.Sc. - - - - -	1949
Chapman, William Glanville, B.E. - - - - -	1935	Church, John Henry, M.A. - - - - -	1934
†Chappel, Shirley Joan, B.A. - - - - -	1959	Church, Keith Neville, B.E. - - - - -	1951
Chappell, John Francis, B.E. - - - - -	1952	Churchward, Spencer, M.A. - - - - -	1903
Chappell, John Graham, B.Sc. - - - - -	1950	Churchward, Stella Mary, B.Sc. - - - - -	1904
Chappell, William Thomas, M.B., B.S. - - - - -	1953	†Cibiras, Stasys, LL.B. - - - - -	1958
Chapple, Alfred, B.Sc. - - - - -	1894	Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918) - - - - -	1922
Chapple, Colin Frederic, M.B., B.S. - - - - -	1936	Clapp, Cedric Norman, B.D.S. - - - - -	1938
Chapple, Harold, B.Sc. - - - - -	1900	Clapp, Kevin Hubert, B.Sc. - - - - -	1947
Chapple, Phoebe, B.Sc. - - - - -	1898	†Clare, Bruce Garnet, B.Sc. (Queensland, 1958) - - - - -	1959
M.B., B.S. - - - - -	1904	Claridge, Philip George Brian, B.E. - - - - -	1954
Chard, June Myra, M.B., B.S. - - - - -	1947	*Clark, Allan David Everett, B.A. - - - - -	1935
Charlesworth, George Harvey, B.A. - - - - -	1953	Clark, Annie Winifred, M.B., B.S. - - - - -	1922
Charlesworth, Thomas William, M.A. - - - - -	1932	Clark, Archie Septimus, B.Sc. - - - - -	1900
Charneck, John Stewart, B.Sc. - - - - -	1956	*Clark, Edward Vincent, B.Sc. - - - - -	1895
†Charter, Brian, B.E. - - - - -	1958	Clark, Eunice Jean, B.Sc. - - - - -	1952
Chartres, Bruce Alwyn, M.Sc. - - - - -	1953	Clark, Helen Goldthorp, M.Sc. - - - - -	1948
		Clark, Henry William, B.A. - - - - -	1951
		Clark, Hugh Rodney, M.E. - - - - -	1938
		Clark, James Blyth, LL.B. - - - - -	1953
		Clark, John Francis, B.D.S. - - - - -	1922
		Clark, John Osborne, LL.B. - - - - -	1941
		Clark, John Symonds, B.E. - - - - -	1951

* Deceased.

† Not yet Members of the Senate.

Clark, Lesley Helen, B.Sc.	1955	Cocks, Bruce Gordon, B.D.S.	1952
Clark, Mary Patricia, B.A.	1951	Cocks, Edward Desmond, M.B., B.S.	1942
Clark, Pauline, B.Sc.	1948	Cocks, Keith Trestrail, B.Ec.	1956
Clark, Robert John, LL.B.	1933	Cocks, Sydney Gordon, B.D.S.	1925
Clark, William Raymond, B.E.	1951	Coffey, Dennison Dean, LL.B.	1953
Clarke, Allan Lawrence, B.Ag.Sc.	1952	Coggins, Harold Douglas, B.Sc.	1951
Clarke, Andrew Michael Fausset, M.B., B.S.	1951	Coggins, Robert Symes, B.Sc.	1949
Clarke, Brian Russell, B.Sc.	1945	B.A.	1954
Clarke, Geoffrey David, B.D.S.	1956	Coghlan, Brian Laurence Dillon, Ph.D. (Birmingham, 1957)	1958
Clarke, Harold Vernon, B.D.S.	1934	Coghlan, Marie Teresa Clare, B.A.	1928
Clarke, Miles de Courcy, M.B., B.S.	1942	Cohen, Alexander Kevin, M.B., B.S.	1950
Clarke, Phil Gregory, B.A.	1948	†Cohen, Brian Garland Dunstan, M.B., B.S.	1957
Clarke, Reginald Harry, B.Sc.	1939	Cohen, Harry, M.B., B.S.	1955
Clark-Lewis, John William, Ph.D. (Nottingham, 1951)	1956	Cohen, Lena Sybil, B.A.	1934
Clarkson, Alan James, M.B., B.S.	1934	Colby, Eunice Mary, B.Sc.	1949
Clarkson, Colin Lloyd, B.Sc.	1950	Cole, Anthony Haslam, B.Sc.	1953
Clarkson, Roger Philip, M.B., B.S.	1956	Cole, Cyril Richard, B.Sc.	1914
†Clarnette, David Leon, M.B., B.S.	1959	†Cole, Joan Margaret, B.Sc.	1957
Claxton, Lindsay Graham, B.E.	1955	Cole, Jonathan Haslam, B.A.	1954
Clayton, Arthur Ross, M.B., B.S.	1902	Cole, Reuben Herbert George, B.Sc.	1950
†Clayton, John Graham, B.E.	1959	Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
†Clayton, John Jesson, B.E.	1957	Cole, Thomas Haslam, LL.B.	1922
Clayton, Sally Jeanette, B.A.	1954	Colebatch, Gordon Thomas, B.E.	1932
Clegggett, Edith, B.A.	1921	Colebatch, Hal John Hester, M.B., B.S.	1951
Clegggett, Lloyd, B.A.	1955	Colebatch, John Houghton, M.B., B.S.	1933
Cleland, Elizabeth Robson, M.Sc.	1935	Colebatch, Walter John, B.Sc. (Edinburgh, 1903)	1906
Cleland, James Lindsay, B.A.	1954	Coleman, Arthur Paul, B.E.	1948
Cleland, Joan Burton, M.Sc.	1947	*Coleman, Arthur Philemon, M.A. (Victoria University, Canada, 1880)	1914
Cleland, John Burton, M.B. (Sydney, 1902)	1902	Coleman, Isobel Beryl Jean, B.A.	1939
Cleland, Michael Edward E., LL.B.	1951	Coleman, James Terence, LL.B.	1952
Cleland, Pamela Mary, B.A., LL.B.	1949	Coleman, Margaret Christine, B.A.	1945
Cleland, Peter Fullerton, LL.B.	1947	Coles, Margaret Elizabeth, B.Sc.	1945
Cleland, William Paton, M.B., B.S.	1934	Coles, Mignonette, B.A.	1912
Clements, Trevor Murray, B.D.S.	1950	Coles, Philip Douglas, B.A.	1936
Cleodinnin, Ian Jeffrey, B.Sc.	1952	Collins, Allen Geoffrey, M.B., B.S.	1956
M.B., B.S.	1959	Collins, Charles Vincent, B.A.	1931
Clezy, John Kenneth Albert, M.B., B.S.	1954	Collins, Frank Miles, M.Sc.	1952
†Clezy, Trevor Munro, M.B., B.S.	1958	Collins, Frank Sandford, B.E.	1942
Clift, Lawrence Henry Marcus, B.A.	1951	Collins, John Malcolm, M.B., B.S.	1952
Clisby, Robert Leonard, B.E.	1954	Collins, Leslie William Nettell, B.E.	1931
Clode, Ailsa Marjorie, B.A.	1928	Collins, Marjorie Isabel, B.Sc. (Sydney, 1916)	1918
Close, Frank William, B.Sc.	1931	†Collison, Bayfield Ian, LL.B.	1958
Close, Mary Frances, B.A.	1940	*Collison, Edith, B.Sc.	1900
Close, Maynard Davidson, B.A.	1938	Colman, William Russell Goodwin, B.E.	1922
Close, Ronald Wilkinson, B.Sc.	1929	Colquhoun, Lindsay Talbot, B.D.S.	1956
Close, Rosemary Jocelyn, M.B., B.S.	1947	Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929)	1933
Close, Walter John Westcott, M.S. (M.B., B.S., 1919)	1929	Colton, John Blacker, LL.B.	1941
†Clothier, Eric Andrews, B.E.	1958	Colton, Robert Stirling, M.B., B.S.	1944
Coaldrake, John Edward, M.Sc.	1951	†Colvill, Anthony John Ernest, B.Sc.	1959
†Coat, Jillian Irene, B.Ec.	1958	Colville, Arthur Landseer, LL.B.	1905
Coates, Dorothy Ravelle, M.B., B.S.	1949	Colville, John Stuart, M.Sc.	1956
Coates, John Hewlett, Ph.D.	1958	Comley, Charles Herbert, M.A.	1906
Coates, John Richard, M.B., B.S.	1944	B.Sc.	1910
Coats, Claude Hampson, M.A.	1929	Conant, James Bryant, D.Sc. (Sc.D. Columbia)	1951
Coats, Douglas Alan, M.B., B.S.	1946	Condon, Robert Francis, B.Sc.	1940
Coats, Geraldine Dulcie, B.Sc.	1951	M.B., B.S.	1946
†Coats, Lloyd Stewart, M.B., B.S.	1957	†Conley, William Michael, B.Ag.Sc.	1958
Cochrane, Gordon Ross, M.A. (New Zealand, 1955)	1957	Connor, Brian Anthony, M.B., B.S.	1953
†Cochrane, Heather Bernice, B.A.	1959	Connor, John Leo, B.A.	1935
Cock, Alexa Beatrice, B.A.	1921	Conroy, Keith Douglas, B.E.	1952
Cock, Herbert Edward, B.D.S.	1941	Conybeare, William James, B.A. (Cambridge, 1894)	1895
Cock, Leonard Ambrose, M.B., B.S.	1932	Cook, Adrian Hartley, B.A.	1952
Cockburn, Andrew Syme, M.B., B.S.	1954	Cook, Ernest Peter, B.E.	1929
Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925)	1934	Cook, Gordon James, B.Ec.	1941
†Cockburn, Malcolm, B.Ec.	1958	Cook, Hugh David, M.B., B.S.	1953
Cockburn, Patricia, B.A.	1944	†Cook, Ronald Bruce, B.E.	1957
Cockburn, Patrick, M.B., B.S.	1914	Cooke, Allan George, B.E.	1945
Cockburn, Robert Forbes, B.E.	1933	B.Sc.	1952
†Cockburn, Robert Francis, B.E.	1957	Cooke, Barbara Terment, B.Sc.	1936
Cocks, Alan Malcolm Vawdrey, M.B., B.S.	1946	Cooke, David John, B.E.	1954
Cocks, Alec Douglas, B.D.S.	1924	Cooke, Florence Emmeline, Mus.Bac.	1900
Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925)	1939	Cooke, Frank Edward, B.Sc.	1950
		Cooke, Peter Terment, B.Sc.	1931
		Cooke, Raymond Greayer, M.Sc.	1938

* Deceased.

† Not yet Members of the Senate.

Cooke, Theodore John Lloyd, M.B., B.S.	1956	Coward, Ivan Fernley, B.Ec.	1940
*Cooke, William Terner, D.Sc.	1905	B.A.	1951
Cooling, Max Sylvester, M.B., B.S.	1944	Cowden, Kenneth Laurence Brooke, M.B., B.S.	1932
Coombe, Alec Holloway, M.A.	1933	Cowell, Dorothy Margaret, B.A.	1941
Coombe, Bryan George, M.Ag.Sc.	1957	Cowell, Geoffrey Reginald, B.Sc.	1922
Coombe, Harold Robert, B.D.S.	1923	†Cowell, James Howard, B.Ag.Sc.	1958
Coombe, Murray Taylor, B.Sc.	1942	Cowell, James Richard, B.A.	1939
Coombe, Reginald Joseph, LL.B.	1923	Cowley, George Russell, B.E.	1949
Coombe, Robert John, B.D.S.	1950	Cowley, John Maxwell, D.Sc. (M.Sc., 1945)	1957
Coombe, Samuel Walter, B.A.	1919	Cowling, Brian Deucalion, M.B., B.S.	1948
Coombe, Toderick Edward, B.D.S.	1952	Cowling, Gordon Aubrey, B.E.	1928
Coonan, Edward Raymond, B.Ec.	1955	Cowling, Lionel Deucalion, M.B., B.S.	1923
Cooney, James Marcus, B.Tech.	1958	†Cowper, Ronald George, B.Tech.	1958
Cooper, Adrian Harry Campbell, B.A.	1935	Cowperthwaite, Elsie Eleanor, M.A.	1906
Cooper, Catherine Margaret LL.B.	1954	Cox, Alwyn Birchmore, M.Sc.	1932
†Cooper, Christopher John, M.B., B.S.	1959	Cox, Bernard John, B.E.	1956
Cooper, Constance May, M.B., B.S.	1904	Cox, Brian Rothwell, LL.B.	1953
Cooper, Donald Counter, M.B., B.S.	1921	Cox, Carlton Ingham, B.Sc.	1929
Cooper, Kenneth Francis, M.B., B.S.	1929	Cox, David Vassall, Mus.Bac.	1936
Cooper, Maxwell, B.Sc.	1950	Cox, David William, B.Sc.	1934
Cooper, Thomas Edwards, B.E.	1922	Cox, John Samuel Tweedale, M.B., B.S.	1955
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered for B.E., 1913)	1913	Cox, Lloyd Woodrow, M.B., B.S. (M.B., Ch.B., N.Z., 1943)	1959
Coot, George Gilbert, B.Sc.	1931	Cox, Norman Charles, B.E.	1951
Coot, Robert Benjamin, M.B., B.S.	1939	Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Copland, Sir Douglas Berry, LL.D. (McGill, Clark, Carleton, British Columbia)	1958	Cox, Rudolph William Arthur, B.E.	1921
Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948	Cox, William Frederick, B.Sc.	1955
Corbin, Cecil, M.B., B.S.	1894	Crabbe, Gavin Murray, M.B., B.S.	1927
Corbin, Clive Wilson, B.E.	1932	†Crafter, Kenneth Charles, M.B., B.S.	1944
Corbin, Horace Hugh, B.Sc. (London, 1904)	1913	†Craig, Robert James, M.B., B.S.	1959
Corbin, John Ogilvie, M.B., B.S.	1933	Craig, William Alexander, B.E.	1950
Corbin, Katherine Anne, LL.B.	1941	Craker, David Lindsay, B.Sc.	1951
Cormier, Kathleen, B.A.	1943	Craker, John Melville, B.Sc.	1954
Cornelius, Muriel Merle, B.A.	1951	Cramond, Kelvin Malcolm (Interim B.Sc. (Eng.), 1942, surrendered), B.E.	1945
Cornell, James Gladstone, M.A. (Melbourne, 1928)	1938	Cramond, Margaret Mary Alyn, B.A.	1952
Cornell, Philippa Sinclair, B.A.	1956	Crampton, Mary Hope St. Clair, M.A.	1926
Corney, Eric Ronald, M.A.	1937	Cran, James Alexander, M.D.S.	1952
Cornish, Alan Alfred Ernest, B.E.	1939	Crane, Alexander Herbert, B.Sc.	1926
Cornish, Anne Claire, B.A.	1949	Crane, Greta Ruby, B.Ec.	1937
Cornish, Brian Leslie, M.B., B.S.	1947	Crane, Neil Raymond, B.Sc.	1954
Cornish, Edmund Alfred, D.Sc.	1951	Cranley, Patrick, M.B., B.S.	1952
Cornish, Jack Rodolph, LL.B.	1928	Craton, Patricia Clarice, B.A.	1948
Cornish, John Edwin, B.Sc.	1943	Craven, David Edward, M.B., B.S.	1943
*Cornish, Joseph Ruskin, M.B., B.S.	1923	†Crawford, Graham John, B.Sc.	1959
Corpe, John Wood, B.E.	1935	Crawford, Lionel Payne, M.A. (Oxford, 1890)	1897
Correll, Shirley Edith, B.A.	1953	Creed, Philip John, M.B., B.S.	1950
Corry, Samuel Lloyd, M.B., B.S.	1910	Creeth, James Michael, Ph.D. (London, 1948)	1955
Cosgrove, Bernard Augustin, B.A.	1942	Cresswell, Edwin Fletcher, B.E.	1927
Cosh, Elma, B.A.	1944	Cresswell, George Edwin, LL.B.	1939
Cosh, James Malthouse, B.A.	1943	Cresswell, Harry Richard, B.Ec.	1956
Cosh, Joyce Rosalind, B.A.	1949	Cresswell, Reginald Gilbert Dorrien, LL.B.	1937
†Cossich, Lorraine, B.A.	1957	Crisp, Brian Correll, M.D.S.	1952
Cottell, Dorothy Jean, B.A.	1940	Crisp, Charles Stephens, B.Sc.	1948
Cottew, Geoffrey Selkirk, B.Sc.	1949	Crisp, Colin Francis Correll, B.E.	1954
Cotton, James Murray, M.B., B.S.	1926	Crisp, John Douglas Correll, M.E.	1956
†Cotton, James Sutherland, B.Sc.	1959	Crisp, Leslie Finlay, M.A.	1948
Cotton, John Carrington, B.Sc.	1951	Crisp, Margaret Emily, M.Sc.	1950
Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Crocker, Dudley Furneaux, B.E.	1939
Cottrell, Eric, B.E.	1935	Crocker, Robert Langdon, D.Sc.	1948
Coulls, Brian Helston, B.Sc.	1950	Crocker, Walter Russell, B.A.	1925
Coulter, John Richard, M.B., B.S.	1956	Croft, Edwin George, LL.B.	1952
Coulter, Wilfred Neil, B.E.	1954	Croker, Annie Isobel, B.A.	1934
†Coulthard, Robert John, M.B., B.S.	1958	Cromer, D'Arcy Ananda Neil, M.Sc.	1935
Counsell, Ruth Kingsley, B.A.	1951	Crompton, David Owen, M.B., B.S.	1939
Couche, Raymond Arthur, B.Sc.	1949	Crompton, James Woodhouse, M.E. (B.E., 1949) (Interim B.Sc. (Eng.), 1944, surrendered)	1959
Coventry, Cameron Hilder, B.Sc.	1900	Crompton, Robert Woodhouse, Ph.D. (B.Sc., 1948)	1954
Coverton, John Selby, M.D. (M.B., B.S., 1931)	1947	Crook, Marjorie Marion, B.A.	1940
*Cowan, Sir Darcy Rivers Warren, M.B., B.S.	1908	Crook, Richard Dallas, B.Sc.	1940
Cowan, George Dalrymple, LL.B.	1911	Crook, Walter Ralph, B.E.	1953
Cowan, Leslie Thompson, B.Sc.	1907	†Cropley, Arthur John, B.A.	1957
Cowan, Robert Francis, B.A.	1912	Cropley, Frederick Waterton, B.E.	1932
Cowan, Ronald William Trafford, B.A.	1936		
Cowan, William Albert, M.A. (N.Z., 1930)	1934		

* Deceased.

† Not yet Members of the Senate.

Crosby, Melville Alexander Keith, M.E.	1944	David, John Fairhall, B.A.	1952
Crosby, Neil Daniel, M.D. (M.B., B.S., 1935)	1951	B.Ec.	1955
Crosby, Raymond Wilbur Louis, M.B., B.S.	1940	Davidson, James Logie, M.Ag.Sc.	1956
† Cross, Jack, B.A.	1957	Davidson, Robert Thomas, M.B., B.S.	1951
† Cross, Kenneth Gustav Walter, B.A. (Dublin, 1951)	1956	Davidson, Roy Laidlaw, B.A.	1907
† Crouch, Shirley Joan, B.Sc.	1958	Davie, Robert Samuel, B.E.	1955
† Croucher, Colin, M.B., B.S.	1950	† Davies, Cathrine Margaret, B.A.	1957
† Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945	† Davies, Clive Runnalls, B.A.	1909
Crowe, Brian Rooney, LL.B.	1952	Davies, David Llywelyn, M.B., B.S.	1943
† Crowe, Dean Salter, B.E.	1957	Davies, Donald John, B.E.	1955
† Crowe, Elizabeth Mary, B.A.	1951	Davies, Donald Laurence, B.E.	1951
† Crowe, Noel Raymond, LL.B.	1957	Davies, Ernest Salter, M.A. (Oxford)	1937
† Crowley, Neil Clarence, Ph.D. (M.Sc., 1954)	1957	Davies, Myfyr Bryn, M.A. (Oxford, 1941)	1953
† Crozier, John Edwin Digby, M.D. (Cambridge, 1931)	1932	† Davies, Natalia, B.A.	1930
† Cruickshank, Donella Heather, M.Sc.	1943	Davies, Norma Esther, M.B., B.S.	1953
† Crump, Cecil Charles, LL.B.	1923	Davies, Peter Owen Alfred Lawe, B.E. (Sydney, 1947)	1951
† B.A.	1935	Davies, Rodney Deane, M.Sc.	1953
† Cudmore, Sir Arthur Murray, M.B., B.S.	1894	Davies, Sheila Caroline, B.A.	1948
† Cudmore, Sir Collier Robert, B.A. (Oxford, 1909)	1932	Davies, William Laurence, B.A.	1914
† Cullity, Thomas Brendan, M.B., B.S.	1947	Davis, Brian, B.Ec.	1955
† Culshaw, George Vincent, LL.B.	1927	Davis, Christine Joyce, B.A.	1937
† Culshaw, George Vincent, B.E.	1959	Davis, Clive, B.Sc.	1951
† Culver, Dorothy Evelyn, B.Sc.	1945	Davis, David, B.A.	1906
† Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949	Davis, Edward Bruce, B.Sc.	1949
B.Sc.	1949	Davis, Frederick Harry, B.A.	1955
† Culver, Roy Vernon, Ph.D. (B.Sc., 1940)	1955	Davis, Harold Julian, M.B., B.S.	1927
† Cumpston, Graham Neil, M.B., B.S.	1958	Davis, Henry Hargan, B.E. (Sydney), 1943)	1947
† Cunningham, Mark Laurence, M.B., B.S.	1953	Davis, Hubert Garth, M.B., B.S.	1937
† Currow (nee Gilham), Doreen, B.A., LL.B.	1950	Davis, John Alexander, B.E.	1929
† Currow, Ellen Isabel, B.A.	1958	Davis, Kingsley, B.E.	1950
† Curry, Allan Ralph, B.E.	1949	Davis, Margaret Lily, B.A.	1955
† Curtis, Lawrence Gordon, B.Ec.	1959	Davis, Ray, B.Sc.	1915
† Cusack, John Charles, B.Sc.	1954	Davis, Robert Bruce, B.A.	1948
† Cussen, Nan Woodford, B.A.	1935	Davis, Robert George, B.Sc.	1951
† Custance, Harold Maxwell, B.Sc.	1941	† Davison, Gordon William, B.A.	1931
† Custance, John Kentish, B.E.	1947	Davoren, John Joseph, LL.B.	1922
† Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc.	1953	Davy, Arthur Francis, B.D.S.	1951
† Cutton, Judith Ann, B.A.	1959	† Daw, Arthur Baden Secombe, B.Ec.	1957
D.		Daw, Francis Alan, B.Sc.	1945
Dack, Thomas, B.A.	1936	Dawbarn, Mary Campbell, D.Sc. (M.Sc., 1928)	1959
Daddow, Henry Howard, B.A.	1940	Dawes, Walter Ernest, B.A.	1954
† Daenke, Lachlan Lewis, B.D.S.	1950	Dawkins, Albert Norman, B.E.	1922
† Daily, Brian, Ph.D. (B.Sc., 1952)	1957	Dawkins, Alec Letts, M.B., B.S.	1927
† Dainius, Vytautas Peter, M.B., B.S.	1959	Dawkins, Alfred Ernest, B.Sc.	1912
† Dalgarno, Charles Robert, B.Sc.	1959	Dawkins, Donald Campbell, M.B., B.S.	1939
† Dallwitz, Walter Berthold, B.A., M.Sc.	1940	† Dawkins, Lindsay Cramp, B.E.	1932
Dally, Frederick George, M.B., B.S.	1956	Dawkins, Margaret Ina, B.A.	1938
Dally, John Alton, B.A.	1956	Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899)	1920
Daltry, Kate, M.A.	1924	Dawson, Alfred Lisle, B.Sc.	1928
Daly, David James, M.B., B.S.	1952	† Dawson, Anthony James, B.E.	1959
Daly, Lawrence John, B.E.	1951	Dawson, David Lancelot, B.A.	1934
Daly, Lewis John, B.A.	1953	Dawson, Geoffrey Dean, B.E.	1937
Daly, Lyndsay James, M.B., B.S.	1954	Dawson, Joseph Bernard, M.D. (London, 1911)	1920
Dalziel, Lawrence Henry, B.A.	1949	Dawson, Michael Dean, M.B., B.S.	1942
Daniell, Aileen Edna, B.A.	1950	† Dawson, William Inglis, M.B., B.S.	1957
† Daniels, Brian William, M.B., B.S.	1957	Day, Alison Chapman, B.Sc.	1947
† Darling, Leslie Hayward, M.Sc.	1949	Day, Allan John, M.Sc.	1950
Darr, David James, B.Sc.	1955	M.D. (M.B., B.S., 1954)	1957
Darragh, Peter John, B.Sc.	1950	Day, Graham John, B.D.S.	1951
† Darskus, Rolf Ludwig, B.Sc.	1958	Day, John Bice, B.D.S.	1944
† Dart, Ralph John, B.E.	1915	Day, Kathleen Emily, B.Sc.	1931
Darwin, Errol Raffael Henry, B.Sc.	1907	† Day, Peter Julian, B.E.	1959
Darwin, Lisle Julius, M.A.	1910	Day, Robert Sydney, M.B., B.S.	1934
Davenport, John, M.B., B.S.	1952	Deam, Robert Joseph, B.Sc.	1942
Davey, Constance Muriel, M.A.	1918	† Deacon, Glen Berenger, B.Sc.	1957
Davey, Esther Marion, B.Sc.	1915	Deans, Absalom, B.A.	1912
Davey, Laurence Llewellyn, M.B., B.S.	1913	Dearlove, Thomas Pearce, M.B., B.S.	1942
Davey, Roy Herbert, B.Sc.	1920	Dearman, Cyril Henry, B.E.	1950
Davey, Victor Stanley, B.E.	1955	De Boehme, Cecil Brooks, LL.B.	1931
David, Daniel Arthur, M.A.	1930	De Cean, Neil, B.E.	1951
		Deer, John Gregory, B.Sc.	1948
		Deer, William Henry, B.E.	1950
		de la Lande, Ivan Stanley, Ph.D. (Melbourne, 1958)	1959
		Deland (nee Robjohns), Annie Joan, B.A.	1923
		Deland, Charles Mervyn, M.B., B.S.	1924
		Deland, Curtis George, M.B., B.S.	1955
		Deland, Peter Leonard, B.Sc.	1955

* Deceased.

† Not yet Members of the Senate.

Deland, Raymond John, B.Sc. - - -	1947	Doolan, Ernest Joseph, B.A. - - -	1944
Dellow, Peter Glynn, B.D.S. - - -	1949	Doolette, John Barton, B.Ag.Sc. - - -	1951
M.B., B.S. - - -	1957	Dore, Frederick Arthur, B.Sc. - - -	1951
Delmont, William George, B.D.S. - - -	1932	Dorman, David Charles, B.Sc. - - -	1950
Delprat, Lica, M.B., B.S. - - -	1910	Dorman, John Ernest, M.B., B.S. - - -	1940
Delprat, Mary Johanna Alberta Theodora, M.B., B.S. - - -	1909	Dornwell, Edith Emily, B.Sc. - - -	1885
Dempsey, Richard Francis, LL.B. - - -	1888	Dorsch (nee Heyne), Agnes Marie Johanna, B.A. - - -	1891
Denby, Ernest Frank, B.Sc. - - -	1951	Dorsch, Ernst Georg, B.A. - - -	1915
†Dening, Patricia Joan, B.A. - - -	1958	Dorsch, Magdalene Hedwig, B.A. - - -	1926
Denis, William Norman, B.Sc. - - -	1951	Dorsch, Theodor Siegfried, B.A. - - -	1933
Dennis, Alan Henry, B.A. - - -	1936	Dorsch, Wilhelm Bernhard, M.B., B.S. - - -	1933
Dennis, Barbara Joan, B.Sc. - - -	1955	Doudy, Cecil Roy, LL.B. - - -	1906
Dennis, Edwin, B.Sc. - - -	1950	Douglas, Donald Robin, B.Sc. - - -	1949
Dennis, William John Allenby, B.Sc. - - -	1956	Douglas, Francis John, M.B., Ch.B. (Melbourne, 1897) - - -	1898
Dent, Marjorie, B.A. - - -	1956	Douglas, Frank Nugent, M.B., B.S. - - -	1956
Denton, James Graham, M.B., B.S. - - -	1954	Douglas, Hugh Matheson, M.B., B.S. - - -	1947
Denton, Noel Fletcher, M.B., B.S. - - -	1945	Douglas, Robert Langton, M.A. (Oxford, 1891) - - -	1900
Derrington, Arnold Ward, M.B., B.S. - - -	1947	Douglas, Sholto John, M.B., B.S. - - -	1930
†Deutscher, Maxwell John, B.A. - - -	1959	Doull, Keith Murray, M.Ag.Sc. (N.Z., 1950) - - -	1959
Devaney, Helen, LL.B. - - -	1942	Dow, Ian Baird, LL.B. - - -	1953
de Vedas, Jack, M.B., B.S. - - -	1938	Dow, Lorna Ruth, M.B., B.S. - - -	1954
Dew, Ian Albert, B.Sc. - - -	1953	Dow, William Harold John, B.Sc. - - -	1949
Dewar, Colin Chudleigh, M.B., B.S. - - -	1949	†Dowbina, Jaroslav, B.E. - - -	1958
Dewar, Donald Gordon, B.E. - - -	1952	Dowding, Alan Lorimer, B.Sc. - - -	1950
Dewar, John, B.Sc. (Eng.) - - -	1945	Dowdy, Norman James, B.A. - - -	1948
Diamond, Arthur Ian, B.A. - - -	1952	Dowie, David Lincoln, M.E. - - -	1935
Dickson, Warren, B.A. - - -	1949	Dowie, Donald Alexander, M.B., B.S. - - -	1954
Dibden, Frederick Andrew, M.B., B.S. - - -	1941	Dowling, Donald Augustus, M.B., B.S. - - -	1923
Dibden, William Andrew, M.B., B.S. - - -	1939	†Downer, John William, B.E. - - -	1959
Dick, Gordon Stuart Blyth, B.Sc. - - -	1923	Downey, Donnell Raymond, LL.B. - - -	1930
†Dickson, Ronald Stanley, B.Sc. - - -	1958	Downing, Bruce Jacob, M.B., B.S. - - -	1953
Dietman, Clarence Charles, M.B., B.S. - - -	1954	Downing, Donald Lewis, B.Sc. - - -	1944
Digance, James Roy, B.A. - - -	1945	†Downing, Jennifer Alandine, LL.B. - - -	1959
Diggle, John Nelson, M.B., B.S. - - -	1946	Downing, Robert Gregory, M.B., B.S. - - -	1952
†Dilena, Michael James, B.A. - - -	1959	Downs, Benjamin, M.E. (Liverpool, 1947) - - -	1949
Dilworth, Nerida Margaret, M.B., B.S. - - -	1950	Downs, George William, B.A. - - -	1947
Dineen, Desmond Patrick, M.B., B.S. - - -	1952	Downs, Howard Albert, B.A. - - -	1949
Dineen, John Kenneth, Ph.D. (B.Sc., 1951) - - -	1957	Doyle, Leo James, LL.B. - - -	1931
†Dingle, Ian Ridgway, B.D.S. - - -	1957	Drabsch, Alfred Felix, B.A. - - -	1941
†Dingle, Margaret Jennifer, B.A. - - -	1958	†Dragovich, Branko, B.Ec. - - -	1959
Dinham, Charles Anthony, B.E. - - -	1952	Draper, Fred, B.Sc. - - -	1924
Dinning, Alfred Ernest, B.A. - - -	1915	Draper, Morrell Henry, M.B., B.S. - - -	1944
Dinning, Rodney Alfred Brady, B.A. - - -	1950	Draper, Neil, B.E. - - -	1953
Dinning, Trevor Alfred Ridley, M.B., B.S. - - -	1942	Draper, Ronald Philip, Ph.D. (Nottingham, 1953) - - -	1956
†Disher, Ian MacKinnon, B.D.S. - - -	1943	Drever, Donald Edward, M.B., B.S. - - -	1926
Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934) - - -	1954	Drever, Ian Campbell, M.B., B.S. - - -	1951
Dix, Alfred James, B.E. - - -	1930	Drew, Charles Francis, M.B., B.S. - - -	1911
†Dixon, John, B.Ec. - - -	1957	Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947
Dixon, Lyall Douglas, M.A. - - -	1931	Drew, Michael John Roskilly, M.B., B.S. - - -	1951
Dixon, Peter, M.A. (London, 1956) - - -	1958	Dridan, Julian Randal, B.E. - - -	1922
Doble, William Devon, B.E. (Sydney, 1943) - - -	1957	Driscoll, Hilda Marion, B.A. - - -	1908
Dohson, Lesbia Constance Alma, B.A. - - -	1947	Drummond, Euphemia Gibb, B.A. - - -	1923
Dodd, Leslie, B.A. - - -	1947	†Drury, James Edward Owden, B.Ec. - - -	1959
Dodd, Robert Hedley, B.A. - - -	1931	Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - -	1947
Dodderidge, Albert Keith, M.B., B.S. - - -	1953	Ducray, Suzette Eleanor, M.B., B.S. - - -	1949
†Dodman, Robert Louis, B.Ag.Sc. - - -	1959	Dudley, Keith, B.E. - - -	1953
Dodwell, David, B.A. - - -	1955	†Dudman, Roy Howard, B.Ec. - - -	1958
Dodwell, George Frederick, B.A. - - -	1905	Dudzinski Miroslaw Leonard, B.Ec. - - -	1955
Dohnt, Brian Ray, B.Sc. - - -	1945	Duffield, Kenneth Churchill, LL.B. - - -	1925
Doley, Maurice Edward, B.E. - - -	1939	Duffy, Ross Martin, LL.B. - - -	1951
Dolling, Charles Hoani Scott, M.Ag.Sc. (B.Ag.Sc., 1951) - - -	1959	Duguid, Andrew Melville, B.Sc. - - -	1954
Dolling, Eleanor Ngairi, B.Sc. - - -	1950	Duguid, Charles, M.B., B.S. (Glasgow, 1909) - - -	1920
Doman, Frederick Spencer Howe, M.B., B.S. - - -	1949	Duguid (nee Lade), Phyllis Evelyn, B.A. - - -	1925
†Doman, Mary Gladys, B.A. - - -	1959	†Duguid, Rosemary, Lillian, B.A. - - -	1958
Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agric. Sydney, 1933) - - -	1939	Duguid, William George, M.B., B.S. - - -	1948
Donaldson, Arthur, B.A. - - -	1881	†Dulmanis, Ausman Biruta, B.Sc. - - -	1958
Donaldson, George, B.A. - - -	1882	Dumas, Sir Russell John, M.E. (B.Sc. 1909, surrendered for B.E., 1913) - - -	1931
Donaldson, Muriel Grace, B.A. - - -	1934	†Duncan, Andrew Kenneth, B.Sc. - - -	1957
†Donaldson, Pamela Margaret, B.A. - - -	1959	Duncan, James Playford, M.E. - - -	1954
Donnellan, Teresa Marie, B.A. - - -	1945	Duncan, Keith Sinclair, B.E. - - -	1922
Donnelly, Thomas Hewson, M.B., B.S. - - -	1937	Duncan, Robert Allan, B.Sc. - - -	1951
Donnelly, Thomas Hugh, M.B., B.S. - - -	1911		
*Donnithorne, William, LL.B. - - -	1926		
Donovan, Francis Patrick, LL.B. (B.C.L., Oxford) - - -	1952		
Donovan, Mortimer Edward, M.B., B.S. - - -	1946		

* Deceased.

† Not yet Members of the Senate.

Duncan, Robert Lawrence, B.E. - -	1951	Edmonds, Stanley Joe, Ph.D. (M.Sc.,	
Duncan, Ross, M.A. - -	1952	1947) - - - - -	1958
Duncan, Walter George Keith, Ph.D.		B.A. - - - - -	1935
(London, 1930) - - - - -	1951	*Edwards, Allan Kingswood Morgan,	
Duncan-Hughes, John Grant, M.A.		B.Sc. - - - - -	1930
(Cambridge, 1910) - - - - -	1910	Edwards, Gordon Robert, B.Ag.Sc. - -	1949
Dungey, Kevin Leonard, B.A. - -	1943	†Edwards, Graham William, B.E. - -	1957
Dunhill, Sir Thomas Peel, M.D. (Mel-		Edwards, Hurtle Thomas Jack, D.D.Sc.	
bourne, 1906) - - - - -	1935	(B.D.S. 1921) - - - - -	1923
Dunlvie, Ellen Emily, B.A. - -	1927	Edwards, Karl Francis, M.B., B.S. - -	1932
Dunlop, Colin Wesley, M.Sc. - -	1955	Edwards, Naomi June, B.D.S. - -	1944
Dunlop, Peter John, Ph.D. (Wiscon-		Edwards, Pamela Julie, M.B., B.S. - -	1951
sin, 1955) - - - - -	1959	†Edwards, Philip Glen, B.Sc. - -	1959
Dunlop, Walter James, B.A. - -	1952	Edwards, Shirley Blanche, B.Sc. - -	1944
Dunn, David Everson, M.B., B.S. - -	1951	Edwards, Victor Wilfred Alcorn, B.A.	1948
Dunn, Edith Marie, B.A. - -	1940	Eggleton, David Grosvenor, M.Sc. - -	1950
Dunn, John Edgar, M.B., B.S. - -	1952	Eggleton, Felicity Janet, B.A. - -	1955
Dunn, Peter Charles, B.E. - -	1954	†Eggleton, Richard Anthony, B.Sc. - -	1959
Dunn, Sydney Stephen, B.A. - -	1947	Eglinton, Margi Stewart, B.Sc. - -	1945
Dunn, Talbot Lewis, M.B., B.S. - -	1927	Ehmcke, Freda Evelyn, M.B., B.S. - -	1931
Dunne, Lawrence John, B.Sc. - -	1947	Eichler, Hansjoerg, Ph.D. (Dr.rer.nat.	
Dunning, John Angus, M.A. (Oxford,		(Halle-Wittenberg), 1950) - - - - -	1959
1937) - - - - -	1950	Eimer, George Herman, B.E. - -	1937
†Dunning, Robert Grant, B.A. - -	1957	Elder, Audrey Olive, B.A. - -	1945
Dunstan, Bruce Henderson, B.D.S. - -	1951	Eldridge, David Melbourne, M.B., B.S.	1948
Dunstan, Donald Allan, LL.B. - -	1949	Eley, Agnes May, B.A. - -	1944
Dunstan, Ian Henderson, B.D.S. - -	1950	Eley, John Robert, B.Sc. - -	1947
Dunstan, Richard English, M.B., B.S.	1951	Elford, Harold Stewart, B.E. - -	1925
Dunstone, David Darroch, M.B., B.S.	1954	Elford, Malcolm Thomas, Ph.D.	
Dunstone, Glen Donald, B.D.S. - -	1946	(B.Sc., 1953) - - - - -	1958
Dunstone, John Leonard, M.B., B.S. - -	1937	Elford, William Graham, Ph.D. (B.Sc.,	
Dunstone, Max Warwick, M.B., B.S. - -	1948	1947) - - - - -	1955
Dunstone, Sydney Morgan Lewis, M.B.		Elhay, Isaac Jacques, B.A. - -	1956
B.S. - - - - -	1939	Elix, David Llewellyn, B.E. - -	1939
Durbin, Ronald Walter, B.E. - -	1951	Elix, Ralph Louis, M.B., B.S. - -	1954
Durham, James Graham, M.B., B.S. - -	1951	Elix, Robert Hugo, M.B., B.S. - -	1938
Durie, Robert Alan, B.A. - -	1955	†Elix, Robin Guion, B.E. - -	1957
DuRieu, Beverley Robertson, B.Sc. - -	1949	Elliott, Brian Robinson, D.Litt. (B.A.,	
Dutton, Alan Hewitt, B.E. - -	1938	1931) - - - - -	1955
Dutton, Alice Irene, M.B., B.S. - -	1940	†Elliott, Jennifer Anne, B.A. - -	1959
Dutton, Gilbert Henry, B.Sc. (Wales,		*Elliott, Keith, LL.B. - -	1934
1902) - - - - -	1921	Elliott, Kenneth Alexander, B.Ag.Sc.	1932
Dutton, Geoffrey Piers Henry, B.A.		Elliott, Lionel John, LL.B. - -	1936
(Oxford, 1949) - - - - -	1953	Elliott, Murray William, M.B., B.S. - -	1943
Dwyer, John Matthew, M.B., B.S. - -	1928	Elliott, Robert Bartlett, M.B., B.S. - -	1956
†Dyer, Allan Ronald, B.Tech. - -	1958	Elliott, Ronald Donovan, LL.B. - -	1931
Dyer, Bruce Herbert, B.E. - -	1951	Ellis, Annie Rita, B.Sc. - -	1905
Dyer, James Ross, B.E. - -	1951	Ellis, Arthur Benjamin, B.A. - -	1911
Dyster, Thomas, B.A. - -	1953	Ellis, Brian David, B.Sc. - -	1950
		B.A. - - - - -	1953
		Ellis, Bruce Walter, B.A. - -	1949
		Ellis, Charlotte, B.A. - -	1950
		Ellis, Frank, B.E. (B.Sc., 1907, sur-	
		rendered for B.E., 1913) - - - - -	1913
		M.A. - - - - -	1913
		Ellis, Howard John, M.B., B.S. - -	1946
		†Ellis, John Vickery, B.Ag.Sc. - -	1957
		Ellis, Ronald Dudley, B.E. - -	1947
		Ellis, Roy Gilmore, B.D.S. - -	1926
		Ellison, Lawrence Roy, B.E. - -	1955
		Elms, Valerie Lois, M.B., B.S. - -	1952
		†Ely, Merle Dawn, B.A. - -	1958
		Emery, Warren Frederick, M.B., B.S.	1946
		England, Clarence William, M.B., B.S.	1925
		England, Ernest Bert, M.B., B.S. - -	1952
		England, Ernest James, M.B., B.S. - -	1951
		England, Harold Norman, B.Sc. - -	1925
		England, Harry Clement, B.E. - -	1930
		Erichsen, Matthias, M.B., B.S. - -	1903
		Ericson, Leon Gordon, Ph.D. (B.Sc.,	
		1955) - - - - -	1959
		Esdaile, James Durie, B.E. - -	1955
		Espie, Frank Fancett, B.E. - -	1913
		Espie, Frank Fletcher, B.E. - -	1947
		Esselbach, Rodney, B.A. - -	1956
		Eustace, John Leonard, B.D.S. - -	1921
		†Evans, David Wyke, B.Ec. - -	1957
		Evans, Dene, B.E. - -	1951
		Evans, Eric Laurence, B.A. - -	1930
		Evans, Geoffrey Gordon Llewellyn,	
		B.D.S. - - - - -	1951
		†Evans, Geoffrey William, B.Sc. - -	1959
		Evans, George Richard, B.E. - -	1937

* Deceased.

† Not yet Members of the Senate.

Evans, Horace Clement, B.Ec. - - -	1956	Field, Alan Kimber, B.A. - - -	1956
Evans, John William, M.A. (Cambridge, 1931) - - -	1932	Field, Frederick Laurence, LL.B. - - -	1936
Evans, Kenneth Alan Greig, M.B., B.S. - - -	1953	†Field, Graham John, B.E. - - -	1958
†Evans, Lloyd Lindsay Carey, M.B., B.S. - - -	1957	†Fielder, Donald Raymond, B.Sc. - - -	1958
†Evans, Marilyn Joan, B.A. - - -	1957	Fielding, Leonard Edmund, B.E. - - -	1937
Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929) - - -	1943	Filmer, Kenneth Frederick, B.D.S. - - -	1946
Evans, Owen Ross, B.E. - - -	1950	Filsell, Owen Holbrook, B.Sc. - - -	1954
Evans, Robert George, M.B., B.S. - - -	1954	Finch, Emily Olive, B.A. - - -	1913
Evans, Walter Alfred Wyke, B.D.S. - - -	1928	Finch, Peter Stewart, M.B., B.S. - - -	1952
Evans, Wilfred Robert, B.E. - - -	1924	Finger, Martyn Rudolph, B.E. - - -	1951
Everard, Betty Ann, B.Sc. - - -	1945	Finlay, Ada Jeanne, B.A. - - -	1951
*Everard, James Edward, M.B., B.S. - - -	1910	Finlay, Frederic Albert Montague, Mus.Bac. - - -	1940
†Evershed, The Right Honourable Sir Francis Raymond, P.C., LL.D. (Melbourne, 1951) - - -	1951	Finlayson, Allan Harvey, B.E. - - -	1932
Ewens, John Qualtrough, LL.B. - - -	1929	Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922) - - -	1936
*Ewers, Keith Ambrose, B.Sc. - - -	1949	Finlayson, Frank Harvey, B.E. - - -	1930
Ewers, William David, B.A. - - -	1934	Finlayson, James Francis, B.Sc. - - -	1940
†Ewers, William Hector, B.Sc. - - -	1957	Finn, Beatrice Mary, B.A. - - -	1938
†Excell, John Eliot, B.E. - - -	1940	Finnis, Horace Percy, M.A. (Melbourne, 1910) - - -	1922
Ey, Geoffrey Thomas, M.B., B.S. - - -	1947	†Finnis, Maurice Meredith Steriker, B.A. - - -	1932
Eyars, Wivian George, B.Sc. - - -	1955	*Finnis, John Henry Suffield, M.B. (Edinburgh, 1876) - - -	1937
Eyles, Helen Mary, B.Sc. - - -	1943	†Finucane, Kevin Eugene, M.B., B.S. - - -	1886
Eyles, Philip Sydney, M.B., B.S. - - -	1942	Fischer, Arthur Frederick, LL.B. - - -	1957
†Eylward, Richard John, B.Sc. - - -	1954	Fischer, George Alfred, B.A. - - -	1925
†Ezekiel, Eric, M.B., B.S. - - -	1958	M.B., B.S. - - -	1888
F			
†Faber, Bartholomew, B.Tech. - - -	1959	Fischer, Gerald Lyn, B.A. - - -	1894
Fahey, John Kevin, B.E. - - -	1950	Fishburn, Thomas Harold, B.A. - - -	1954
Fahy, Frederick Edward, B.E. - - -	1953	Fisher, Anthony Graham, M.B., B.S. - - -	1932
†Fails, Mervyn James, M.B., B.S. - - -	1958	Fisher, Francis Robert, LL.B. - - -	1946
Fairley, James, M.B., B.S. - - -	1941	Fisher, George Read, B.E. - - -	1950
Fairley, Neil Hamilton, M.D. (Melbourne, 1917) - - -	1949	Fisher, Harry Medcalf, M.B., B.S. - - -	1925
Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered for B.E., 1913) - - -	1913	Fisher, Helen Joan, B.Sc. - - -	1922
Fairweather, Edna May, B.A. - - -	1932	Fisher, James Hubert Thomas, M.E. - - -	1955
Fairweather, Ethel Firl, B.D.S. - - -	1955	Fisher, John Malcolm, B.Ag.Sc. (B.Sc.Agr., Sydney, 1953) - - -	1950
Fairweather, John Henry, B.E. - - -	1954	Fisher, Sir Ronald Aylmer, D.Sc. (Sc.D., Cambridge) - - -	1959
Falkenberg, Walter Edwin, B.A. - - -	1940	Fisher, Ruben Walter Alfred, B.A. - - -	1943
Fargher, Philip John, B.E. - - -	1958	Fisher, Tryphena Ellen, B.A. - - -	1930
Farmer, Helen Robinson, B.A. - - -	1945	Fisk, Graham Bristow, M.B., B.S. - - -	1946
Farmdell, Leila Mavis, B.A. - - -	1933	Fitch, Kenneth Duncan, M.B., B.S. - - -	1955
Farr, Alan Pembroke, B.A. - - -	1950	Fitch, Rosemary Lamburn, B.A. - - -	1949
Farrell, Edward Francis, B.A. - - -	1940	Fitzgerald, Anne-Marie, B.Sc. - - -	1955
†Farrent, Michael John, B.E. - - -	1958	Fitzgerald, Bartholomew John, B.A. - - -	1929
†Farrent, Thomas Albert, B.Sc. - - -	1923	Fitzgerald, Clarence Lindsay, B.A. - - -	1952
B.E. - - -	1924	Fitzgerald, Gerald, B.D.S. - - -	1932
Farrer, Kenneth Joseph, B.A. (Manchester, 1949) - - -	1954	Fitzgerald, Hugh Lawrence, B.A. - - -	1940
Farrow, Murray Aubrey, B.A. - - -	1945	Fitzgerald, James Joseph, M.A. (Melbourne, 1908) - - -	1908
Farrow, Robert Murray, B.A. - - -	1956	FitzHerbert, John Aloysius, M.A. (Cambridge, 1923) - - -	1928
Farsch, Rehle Katherine, B.A. - - -	1955	Fitzpatrick, Alan Harding, M.B., B.S. - - -	1953
†Faulkner, Denys Barrie, B.A. - - -	1959	Flaherty, Anna Theresa, B.A. - - -	1953
Faunce, Marcus de Laune, M.B., B.S. - - -	1946	Flaherty, Edward John, B.A. - - -	1924
Favilla, Domenico Raffaello, B.Ec. - - -	1954	Flaherty, Francis Ignatius, M.B., B.S. - - -	1935
†Fawcett, Robert Graham, B.Ag.Sc. - - -	1959	Flaherty, James Aloysius, M.B., B.S. - - -	1952
*Fawcett, Wilfred D'Arcy, B.E. - - -	1929	†Flaherty, Teresa Anne, B.A. - - -	1958
Featherstone, Dora Bewlay, M.A. - - -	1932	*Flaum, Ernst, M.D. (M.B., B.S., 1941) - - -	1944
Fechner, Martin Johann Traugott, B.A. - - -	1937	Flecker, Margaret Mabel, M.B., B.S. - - -	1932
Fee, Warren William, B.Sc. - - -	1956	Flecker, Patrick Oscar, M.B., B.S. - - -	1944
Fehlberg, Tasman Julius August, B.A. - - -	1932	Fleming, Francis John, B.E. - - -	1938
Felgenhaur, Robert Frederick, B.A. - - -	1949	Fleming, Hugh Douglas, B.E. - - -	1934
*Fenner, Charles Albert Edward, D.Sc. (Melbourne, 1917) - - -	1920	Flentje, Noel Thomas, M.Sc., (B.Ag.Sc., Melbourne) - - -	1947
Fenner, Frank John, M.D. (M.B., B.S., 1938) - - -	1942	Fletcher, Ann Willoughby, B.A. - - -	1953
Fenner, William Greenock, B.E. - - -	1945	†Fletcher, Enid Lillian, B.A. - - -	1959
Fenwick, Aline Mary, LL.B. - - -	1944	Fletcher, Sir Frank, M.A. (Oxford, 1893) - - -	1936
Ferguson, Andrew, B.Sc. - - -	1904	Fletcher, Helen Weld, B.A. - - -	1933
†Ferguson, James Andrew, B.Ag.Sc. - - -	1959	Fletcher, John Weld, LL.B. - - -	1947
Ferguson, Wilfred John, B.A. - - -	1930	Fletcher, Malcolm Weld, M.B., B.S. - - -	1933
Ferguson, William Rex, B.E. - - -	1931	Flett, John Stanley, B.Sc., - - -	1941
Ferguson, George Robert, B.A. - - -	1953	M.B., B.S. - - -	1951
Ferres, Helen Millicent, M.Sc. - - -	1949	†Flierl, Hans Eric, B.E. - - -	1957
Ferrett, Robert George, LL.B. - - -	1952	*Flint, Adela Lysander, B.A. - - -	1921
†Ferry, Andrew Sage, B.Ec. - - -	1958	Flint, Harold Elsdon, M.A. - - -	1927
†Fiala, Jiri, LL.B. - - -	1959	Flint, Richard Russell, B.E. - - -	1942
Fidock, Dean Henwood, B.E. - - -	1952	Floreay, Hilda Josephine, M.B., B.S. - - -	1912
†Fiebig, Eric Ronald, B.Tech. - - -	1959	Floreay, Sir Howard Walter, M.D. (M.B., B.S., 1921) - - -	1944

* Deceased.

† Not yet Members of the Senate.

Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924)	1950	French, Alfred, M.A. (Cambridge, 1946)	1951
*Flower, Clifford Horace Kenneth Dunn, B.Sc.	1924	French, Eric Lancelot, M.Sc.	1948
Flower, Clifford James McKinnon, M.B., B.S.	1953	French, Reginald James, B.Ag.Sc.	1948
Flynn, Kevin John, B.A.	1938	Freney, Martin Raphael, B.Sc.	1930
Foale, Harold Robert, LL.B.	1933	*Frewin, Oscar Westcott, M.B., B.S.	1926
†Foale, Michael Ambrose, B.Ag.Sc.	1957	Freytag, Ian Bernard, B.Sc.	1955
†Fong, Thin Yiew, B.E.	1958	Frick, Majorie May, LL.B.	1934
†Fong, Yeng Soh, B.E.	1959	Frick, Patricia Marian, LL.B.	1938
†Foong, Siew Muay, M.B., B.S.	1957	†Frick, Ross Allen, B.Sc.	1958
Foord, Peter Maxwell, B.E.	1952	Fricke, Graham Andrew, B.E.	1955
Foote, George Buchanan, B.Sc.	1934	Fricke, Lyall Peterie, B.Sc.	1949
†Footner, Bruce Albert, B.Tech.	1958	B.A.	1951
Forbes, Alexander James deBurgh, B.A.	1951	Fricke, Norman Meshach, B.E.	1933
Forbes, Bryan George, Ph.D. (B.Sc., 1952)	1956	Fricke, Richard John, B.Sc.	1955
Forbes, David Stewart, M.B., B.S.	1955	Fricke, Vera May, M.A.	1932
Forbes, Ian James, M.B., B.S.	1956	Fridman, Gerald Henry Louis, LL.M.	1955
Forbes, William, B.A.	1936	Frith, Ernest Everard, B.Sc.	1949
Ford, James Albert, B.A.	1919	†Fritsch, Garnette Grace, B.A.	1957
Ford, Raymond William, B.E.	1922	Fritsch, Eunice Serena, B.A.	1947
Ford, Ronald Munro, M.D. (M.B., B.S., 1943)	1956	Fritsch, Luthilde Clara, B.A.	1948
Forder, Charles Rex, B.D.S.	1928	Fritsch, Mary Walda, M.B., B.S.	1955
Forder, Douglas Highmoor, B.Sc. B.A.	1932	Frost, Mary Millicent, B.A.	1927
Forder, Howard Hamlyn, B.E.	1926	Fry, Adelaide Elizabeth, LL.B.	1953
Fordham, Juanita Horwood, B.A.	1927	Fry, Dorothy Gillian, B.A.	1945
Forgan, Anthony James, B.E.	1954	*Fry, Henry Kenneth, B.Sc. M.D. (M.B., B.S., 1908)	1905
†Forgan, Dorothea Wald, M.B., B.S.	1958	M.D. (M.B., B.S., 1908)	1934
Forgan, Frederick Robert, LL.B.	1928	Fry, Leslie Barry, B.E.	1954
Forgan, Humphrey Crayle, B.E.	1927	Fry, Robert Mason, B.Sc.	1947
†Forgan, Peter John, M.B., B.S.	1959	Fuhlboh, Margaret, B.A.	1944
Forgan, Sydney Bayly, M.B., B.S.	1928	Fuller, Clarence Oliver, M.B., B.S.	1954
Forgie, Donald Schollar, B.A.	1949	Fuller, Donald Andrew, B.E.	1955
*Formby, Henry Harper, M.B., B.S. (Melbourne, 1900, 1901)	1937	Fuller, Geoffrey Roy, B.Sc.	1951
Formby, Myles Landseer, M.B., B.S.	1924	Fuller, George Rayner, B.Sc.	1924
Fornachon, John Charles Macleod, M.Sc.	1943	Fuller, William Rayner, M.B., B.S.	1953
Forrest, Waldie William, B.Sc.	1948	†Fullerton, Anne McPherson, B.Sc.	1957
Forster, William Edward Stanley, LL.B.	1950	Fulton, Gwen Evelyn Hamilton, M.A.	1939
Forsyth, Elliott Christopher, Ph.D. (Docteur de l'Université, Paris, 1954)	1955	Funder, Anne Cathrine, B.D.S.	1934
Forsyth, Robert Samuel, B.A.	1937	Funder, Brian Patrick, M.B., B.S.	1933
Forwood, Peter Strauss, B.Sc.	1956	Funder, John Francis, B.Sc.	1935
Foster, Robert Jacob, B.E.	1955	M.B., B.S.	1938
Fotheringham, James David, M.B., B.S.	1937	†Fung, Khyam Shen, B.E.	1957
Fotheringham, Walter Douglas, B.E.	1956	Furber, Ian King, M.B., B.S.	1948
Fowler, Dorothy Colyer, B.A.	1949	Furness, Eric Taylor, B.Sc.	1955
Fowler, James Henry, B.E.	1952	Furness, Gwenda Marie, B.A.	1941
Fowler, Kenneth Raymond, B.A.	1955	Furze, Betty Joan, B.Sc.	1951
Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946)	1951	Furze, Janet Lesley, B.Sc.	1956
†Fowler, Robert Malcolm, B.Ec.	1958	Fyfe, Dorothy Mary, B.A.	1928
Fowler, Russell Aubrey, B.Sc.	1919		
†Fox, Bruce Spafford Owen, M.B., B.S.	1958	G	
Fox, David Michael, B.D.S.	1953	Gaetjens, Gertrude Vera, B.A.	1925
Fox, Ina Alice Owen, M.B., B.S.	1938	Gaffney, Fay Madeline, B.Sc.	1949
Fox, Robert Owen, M.B., B.S.	1925	†Gaffney, Richard Stephen, B.Ec.	1959
Frahn, Leslie John, M.Sc.	1949	Gagolski, Julian, Ph.D.	1955
Francis, Albert Edward John, B.Sc.	1949	Galbraith, Cyril, B.E.	1927
Francis, John Graham, M.B., B.S.	1955	†Gale, Allen Ewart, M.B., B.S.	1958
†Francis, Robert John, B.Sc.	1959	Gale, Frederick Julius, B.A.	1915
Francis, Vera Eleanor, M.A.	1941	Gale, Margaret Jean, B.A.	1953
Francis, Wilfred Galton, B.E.	1935	Gallagher, William Edward, M.B., B.S.	1932
†Franks, Mary Lorraine, B.Sc.	1959	Gallasch, Frank Edward, M.B., B.S.	1927
†Fraser, Dougal, B.D.S.	1958	Gallasch, Malcolm George, B.E.	1955
Fraser, Duncan Lovat Radcliffe, B.Sc.	1950	Galliford, Robert Henry, B.Sc. (Eng.)	1947
Fraser, Frederick Christopher, B.D.S.	1938	Gallus, Hermann Peter Christian, M.Sc.	1934
Fraser, Harry Lovat, LL.B.	1932	Galpin, Arthur Lorden, B.E.	1949
B.A.	1933	Galvin, Leola Beth, B.Sc.	1945
Fraser, Hugh Barron, M.B., B.S.	1955	Galvin, Patrick John, B.A.	1956
Frayne, Graham Arthur, B.D.S.	1933	Galvin, Selma Ruth, B.A.	1953
Frayne, Harold Bruce, M.D.S.	1953	Galvin, Thomas Bernard, B.A.	1916
Frayne, John Felix, M.B., B.S.	1936	†Gambling, Janice Melva, B.A.	1958
Frayne, Max Thorley, B.D.S.	1945	Game, David Aylward, M.B., B.S.	1949
Frayne, Peggy Searle, B.Sc.	1945	Game, John Aylward, M.B., B.S.	1938
Frederick, Esmond Joseph, M.B., B.S.	1953	Game, Patricia Jean, M.B., B.S.	1949
Freeman, Jef Elliot, B.Sc.	1940	†Gan, Tiang Hua, B.Sc.	1958
Freestun, William David, B.E.	1949	Gann, Eric Crump, B.A.	1950
Freidenfelds, Regina, B.D.S.	1956	†Gann, Graham Dean, B.E.	1957
		Garbaliuskas, Leonardas Raimundas, B.E.	1954
		Gard, Jeanette Trush Brentnall, M.B., B.S.	1953
		Gardiner, Beauchamp Lennox, B.Sc.	1902
		Gardiner, Philippa Margaret, M.B., B.S.	1942
		*Gardner, George Gavin Forrest, Mus.-Bac.	1906

* Deceased.

† Not yet Members of the Senate.

Gare, Lloyd, B.Sc.	1932	Giles, James Palmer, B.A.	1931
B.A.	1950	†Giles, James Ramsay, B.A.	1959
Garran, Elisabeth Rosemary, B.A.	1954	Giles, Keith Emanuel, M.B., B.S.	1951
Garrett, David Mitchell, B.E.	1956	Giles, Mortimer, LL.B.	1911
Garrett, Dorothea Helene, B.A.	1934	Giles, Nigel Stuart, B.Sc.	1905
Garton, Mary May, B.A.	1923	*Giles, Olive Abbott, B.A.	1907
Cartrell, Eric Frank, M.B., B.S.	1921	Giles, Peter Mortimer, B.E.	1953
*Cartrell, Minnie Henrietta Foxwell, B.A.	1926	*Giles, Thomas O'Halloran, LL.B. (Cambridge, 1883)	1886
Caskell, Joan Mary, B.A.	1945	*Gilfillan, William, M.B., B.S.	1921
Gaston, Walter Garfield, M.B., B.S.	1953	Gilfillan, William Robert, B.E.	1948
†Gates, Malcolm John, B.E.	1959	Gill, Clarence William Cecil, B.A.	1934
*Gault, Arthur Kyle, M.B., B.S.	1917	Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered for B.E., 1913)	1913
Gault, Estelle Ruth, B.Sc.	1914	Gill, Raymond Harold, B.E.	1951
M.B., B.S.	1919	Gill, Richard Townshend, M.B., B.S.	1951
Gault, Freda Steele, B.A.	1931	†Gill, Robert Charles, B.Sc.	1957
Gault, Maisie Isabel Ogilvy, B.A.	1921	Gillam, Dora Alice, M.A. (Sydney, 1903)	1934
Gazard, Geoffrey Albion, B.A.	1949	Gillam, Leon George, M.B., B.S.	1954
Gazard, John Anthony, B.E.	1935	Gillen, Robert Spencer, M.B., B.S.	1953
Gehling, Lorenz Wilfred, B.E.	1950	Gillespie, Donald Tom Chalton, M.Sc.	1943
Gehling, Ronda Beryl, Mus.Bac.	1943	Gillespie, Doris Pearl, B.A.	1940
Geisler, Frederick, M.B., B.S.	1951	Gillespie, Elsie Jean Ann, B.A.	1935
Geisler, Wilfred Ross, B.Sc.	1937	Gillespie, Frank Cecil, B.Sc.	1956
B.Ec.	1954	Gillespie, William Charles, LL.B.	1927
†Gelson, Henrick, B.A.	1958	Gillett, Bernard St. Patrick, M.B., B.S.	1928
Gemmell, Donald Stewart, B.Sc.	1955	Gillett, Mervyn Clem, LL.B.	1931
Gent, Alan Franklin, B.A.	1948	Gillham, Charles Alfred, B.A.	1911
Gent, Alison Grace, M.A.	1948	Gillham, James Edgar, B.A.	1954
Gent, John George Moyns, B.A.	1940	Gillman, Phyllis Constance, B.A.	1916
Georg, Victor Gerhard, B.A.	1949	Gilmore, Hugh Robert, M.B., B.S.	1945
George, Adalbert James, B.D.S.	1927	Gilmore, Jean, LL.B.	1934
George, Barbara Kay, B.Sc.	1957	Giorgio, Antonio, M.B., B.S.	1956
George, Hilda Constance, B.A.	1928	Gladigau, Rita Doreen, B.Ec.	1948
†George, Ian Gordon, LL.B.	1957	Glaessner, Martin Fritz, D.Sc. (Melbourne, 1948)	1951
George, Rowland Francis, B.D.S.	1923	Glasson, Leonard William Addison, M.E. (B.E., 1955)	1958
Gerard, Kenneth Edward, B.E.	1935	Glastonbury, Dudley Ivan, B.Sc.	1930
Gerlach, Max Johann, B.A.	1925	B.A.	1933
Gerny, Elma Seavington, B.Sc.	1936	Glastonbury, James Oliver Garnet, B.A. M.Sc.	1932
Gerny, John Seavington, M.E.	1949	Glastonbury, Keven, M.B., B.S.	1926
Gerny, Ronald Seavington, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944	Glayde, Ernest James, B.E.	1927
Geytenbeek, David Robert, B.Sc.	1952	Gledhill, John Douglass, B.E.	1952
Geytenbeek, Peter Everard, B.Ag.Sc.	1950	†Glenn, Graham Gordon, B.A.	1958
*Gibb, Sir Claude Dixon, M.E.	1932	†Glenn, Margaret Joy, B.A.	1958
Gibb, Kenneth Murray, B.E.	1942	Glesinger, Marianne Antonie, M.B., B.S.	1953
Gibberd, William Obed, M.Sc.	1945	Gliddon, Alfred Bertram Keith, M.B., B.S.	1948
Gibbes, Elaine Frances Keele, M.B., B.S.	1953	Gliddon, William Aquilla Robert James, B.A.	1950
Gibbison, Marie Claire, B.Sc.	1951	Glover, Brian, B.Sc.	1945
Gibbs, Allan George, B.E.	1933	Gluis, John, M.A.	1922
Gibbs, Betty Valmai, B.A.	1949	†Gluyas, Maxwell Allan, M.B., B.S.	1957
Gibbs, Bruce Glanville, B.E.	1955	Gluyas, Richard John, B.D.S.	1956
Gibbs, David Norris, Ph.D. (London, 1955)	1958	Gluyas, Robert John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
†Gibbs, Glen Barker, LL.B.	1958	Glynn, Brian McMahon, LL.B.	1933
Gibbs, Graham Rossiter, B.Ec.	1953	Glynn, Denis McMahon, LL.B.	1929
†Gibbs, Malcolm Henry, B.Sc.	1958	Glynn, Robert McMahon, M.B., B.S.	1919
†Gibson, Bramwell Saint Clair, B.Tech	1958	†Gnanasanmugan, Balasantharam, B.E.	1959
Gibson, Douglas Barr, M.B., B.S.	1945	Goatcher, Philip Daniel, M.B., B.S.	1945
Gibson, George Taylor, M.B., B.S.	1935	Gobbett, Thelma Jean, B.A.	1950
Gibson, Gladys Ruth, B.A.	1937	†Goddard, Peter Norman Lighton, B.Sc.	1959
Gibson, Graham Coyne, B.A.	1949	Godfrey, Edward John Owen, M.B., B.S.	1945
Gibson, Malcolm Milne, B.A.	1956	Godfrey, Kirke Charles, M.B., B.S.	1914
Gibson, Margaret Dawn, B.Sc.	1952	Godfrey, Robert Charles, M.B., B.S.	1944
Giersch, Leonard Ernst, B.A.	1940	Godlee, Margery Rebecca, B.A.	1917
Gifford, Alfred Silva Harrill, LL.B.	1922	Godlee, Theodore, M.B., B.S.	1932
Gilbert, John Scollard, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948	Gold, Mervyn Roy, M.B., B.S.	1939
Gilbert, Ronald Sunter, M.A. (B.A., 1950)	1959	Gold, Ronald Geoffrey, M.B., B.S.	1952
Gilbert, Stephen Hamilton, B.E.	1934	Goldbeck, Rene Alice, M.B., B.S.	1949
Gilbertson, Nannette, B.A.	1951	Goldby, Frank, M.D. (Cambridge, 1936)	1937
Gilchrist, John Thomas, Ph.D. (Leeds, 1957)	1959	Goldfinch, Arthur Leslie, B.Sc.	1951
Gilchrist, Robert James, B.A.	1950	Golding, Edmond William, B.A.	1951
Gild, Albert, M.B., B.S.	1934	Golding, Phyllis May, B.A.	1951
Gild, David, M.B., B.S.	1938	Goldsworthy, Arthur Clive, B.A.	1953
Gilding, Gwendoline Fay, B.A.	1952	Goldsworthy, David, B.A.	1949
Gilding, Kevin Rex, B.A.	1952	Goldsworthy, Eric Roger, B.Sc.	1950
Giles, Allan Leonard, Mus.Bac.	1950		
Giles, Douglas Haynes, B.E.	1954		
Giles, Harold, B.A.	1911		
Giles, Ireton Elliot, B.A.	1897		
Giles, Jack Bernard, B.Sc.	1943		

* Deceased.

† Not vet Members of the Senate.

Goldsworthy, Janice Julia, B.A. - - -	1956	†Gray, Donald Mervyn, B.Ec. - - -	1958
Goldsworthy, John Garfield, M.A. - - -	1930	Gray, Eric William, B.A. - - -	1931
†Goldsworthy, Lance Rodney, M.B., B.S. - - -	1959	Gray, Frederic Victor, M.Sc. - - -	1948
Goldsworthy, Reuben, B.Sc. - - -	1948	Gray, Harvey Hamilton, B.Ec. - - -	1949
Golinger, Donald, M.B., B.S. - - -	1955	B.A. - - -	1952
Golledge, John Gouldhawke, M.B., B.S. - - -	1954	Gray, Keith Douglas, M.B., B.S. - - -	1926
†Gomez, Rodolfo Mesina, B.Tech. - - -	1959	Gray, Maurice Chadwick, B.Sc. - - -	1933
Good, Brian Francis, B.Sc. - - -	1955	†Gray, Neil Boon, B.E. - - -	1958
Good, Emily Milvain, B.A. - - -	1904	Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered for B.E. 1913) - - -	1918
Good, Frances Helena, B.A. - - -	1916	Green, Alan Elston, B.Sc. - - -	1949
Good, Richard John, B.E. - - -	1953	Green, Cynthia Joan, B.A. - - -	1945
†Goodale, Peter Lewis, B.E. - - -	1957	Green, Donald Clare, B.Sc. - - -	1942
Goodchild, Robin John, B.Sc. - - -	1955	†Green, Harry Edward, B.E. - - -	1957
Goode, Benjamin Ryall, M.B., B.S. - - -	1947	Green, Herbert Sydney, D.Sc. (Edinburgh) - - -	1952
Goode, Harold Ralph, B.E. - - -	1945	Green, John William, B.Sc. - - -	1953
Goode, Henry Arthur, M.B., B.S. - - -	1938	Green, Lawrence Goodwin, B.Ec. - - -	1951
Goode, John Reginald, B.Ag.Sc. - - -	1937	Green, Lorna Mary Alexander, M.Sc. (B.Sc., 1927) - - -	1958
Goode, Kenneth Burden, B.E. - - -	1914	B.A. - - -	1929
Goode, Muriel Gertrude, Mus.Bac. - - -	1911	Green, Louis Ferdinand, B.A. (Queensland, 1951) - - -	1958
Goode, Philip Charles Ryall, M.B., B.S. - - -	1939	Green, Mary Patricia, B.Sc. - - -	1954
Goode, Reginald Alfred, M.B., B.S. - - -	1910	†Green, Patricia Marie, B.A. - - -	1959
Goode, Thomas Britten, M.B., B.S. - - -	1952	Green, Ralph Noel, B.A. - - -	1954
Goode, Thomas Ryall, B.E. - - -	1937	Green, Richard Maslen, B.A. - - -	1937
†Gooden, Edgar Whitridge, B.Sc. - - -	1937	Green, Ronald Gordon, B.Sc. - - -	1949
Gooden, John Ernest Alfred, M.Sc. (B.Sc., 1955) - - -	1958	Green, William Allan McInnes, B.E. - - -	1928
Gooden, John Stanley, M.Sc. - - -	1945	Greenfield, Vivian Hutchison, B.Sc. - - -	1951
Gooden, Philip Compton, M.B., B.S. - - -	1952	Greenhough, Arthur David, B.E. - - -	1942
Goodenough, Warwick William, B.A. - - -	1953	Greenland, Patrick Cecil, M.A. - - -	1933
†Goodes, William John, B.Sc. - - -	1958	Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered for B.E., 1913) - - -	1913
Goodhart, Mabel Flora, LL.B. - - -	1927	Greenlees, Rollo, M.B., B.S. - - -	1937
Goodhart, Richard Akhurst, M.B., B.S. - - -	1941	Greenway, Harold, B.E. (B.Sc., 1906, surrendered for B.E., 1913) - - -	1913
Goodman, Cyril William, B.E. - - -	1915	Greenway, Thomas Charles, B.Sc. - - -	1900
Goodrich, Roy Stanley, B.Sc. - - -	1953	Greenwood (formerly Nadebaum), Rudolph Oertel, B.A. - - -	1907
Goodwin, Geoffrey Leonard, B.A. - - -	1955	Greer, Henry Steven, M.B., B.S. - - -	1952
M.Sc. (B.Sc., 1951) - - -	1959	†Greet, Elizabeth Bronwen, B.A. - - -	1958
Gordon, Colin Ernest Sutherland, M.A. (Oxford, 1938) - - -	1948	Greet, Frank Hamilton, B.A. - - -	1953
†Gordon, Ian Donald, B.E. - - -	1959	Greet, Norman George Frank, M.A. - - -	1928
Gordon, John Murray, Mus.Bac. B.A. - - -	1956	†Greet, Raymond James, B.A. - - -	1957
Gordon, John Vivian, M.D. (M.B., B.S., 1942) - - -	1949	Gregory, Cedric Errol, B.E. - - -	1931
Gordon, Leslie Kenneth, LL.B. - - -	1953	B.A. - - -	1944
†Goscombe, Peter Watson, B.Sc. - - -	1959	Gregory, Janet Phillis, B.A. - - -	1954
Gosnell, Arthur William, M.A. (Cambridge, 1888) - - -	1895	†Grenfell, Ian Henry, B.A. - - -	1957
Goss, Mary Blanche, B.A. - - -	1936	Grewar, Lais Valerie, M.B., B.S. - - -	1952
Goss, Noel Frederick, B.A. - - -	1934	Gribble, Albert Elijah, M.B., B.S. - - -	1929
Gough, John Lewis, B.A. - - -	1945	Grierson, John James, B.E. - - -	1937
Gould, Joseph Gordon, B.Sc. - - -	1955	Grieve, Ian Charles, LL.B. - - -	1953
†Gould, Murray William, B.E. - - -	1959	Griff, Bernard, LL.B. - - -	1925
Gouldhurst, Peter Richard Stuart, M.B., B.S. - - -	1955	Griffin, Danielle, B.A. - - -	1949
Govenlock, James Coburn, Mus.Bac. - - -	1943	Griffin, Donald Ward, B.E. - - -	1951
Gower, Charlie James, B.A. - - -	1954	†Griffin, Gerald John, B.A. - - -	1957
Goyder, Alexander Woodroffe, B.Sc. - - -	1889	Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - -	1947
†Graebner, Alexis, B.A. - - -	1958	*Griffiths, Ernest William, M.B., B.S. - - -	1906
Graebner, David Carl, B.E. - - -	1953	Griffiths, George Townsend, Mus.Bac. - - -	1915
Graham, George Finlay, B.E. - - -	1927	Griffiths, Thomas Lester, LL.B. - - -	1913
Graham, Mary Theresa, M.A. - - -	1933	Griggs, Clarence Middleton, B.Sc. - - -	1924
Graham, May Elisabeth, B.A. - - -	1941	Griggs, James Middleton, B.E. - - -	1949
Graham, Roger Dean, B.E. - - -	1950	*Griggs, Robert Leslie, M.Ec. - - -	1955
Grant, Allan Kerr, M.B., B.S. - - -	1947	Grimes, Louisa Catherine, Mus.Bac. - - -	1937
Grant, Colin Kerr, B.Sc. - - -	1931	Grimwade, Arnold Elliott, B.Sc. - - -	1955
Grant, Donald Kerr, M.B., B.S. - - -	1942	†Grivell, Baden John, B.E. - - -	1958
Grant, John McBain, M.Ec. - - -	1953	Gross, Gordon Flinders, M.Sc. - - -	1956
Grant, Sir Kerr, B.Sc. (M.Sc., Melbourne, 1901) - - -	1911	Gross, Klem Bassett, B.E. - - -	1924
Grant, Marjorie Ruth, B.A. - - -	1939	Gross, Patricia Mary, B.A. - - -	1950
Grant, Mary Raymond, M.Sc. - - -	1950	†Grosse, John Allan, B.A. - - -	1958
Grant, Richard Longford Thorold, M.B., B.S. - - -	1918	Grosser, Agnes Juliana Hulda, B.A. - - -	1910
Grasso, Rosario, B.Sc. - - -	1954	Grosvenor, Cyril, B.D.S. - - -	1925
Gratton, Gordon Sydney, LL.B. - - -	1950	Grosvenor, Edna Mary, M.A. - - -	1926
Gratton, Marshall Gladstone, M.B., B.S. - - -	1941	Grote, Albert Walter, M.B., B.S. - - -	1926
Gratton, Mephan John, B.E. - - -	1934	Grote, Fay, M.B., B.S. - - -	1956
Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915) - - -	1920	Grote, Keith Walter, B.D.S. - - -	1956
Grava, Andrejs, B.D.S. - - -	1956	Groves, Murielle Annis Clemland, B.A. - - -	1937
Grave, Keith Cyril, B.D.S. - - -	1956	Crubb, Yvonne, B.A. - - -	1951
Gray, Alexander Frederick, B.Sc. (Eng.) - - -	1942	†Gubbay, Sasson Stephen, M.B., B.S. - - -	1957
		Gubbins, Heather Welch, B.A. - - -	1950
		Gudkows, Ariss, M.B., B.S. - - -	1955

*Deceased.

†Not yet Members of the Senate.

*Guenther, John Irving, M.B., B.S. - 1942	Hambly, William Frank, M.A. (Melbourne) - 1952
†Guerin, Robert Langley, M.B., B.S. - 1957	Hamden, William Callil, M.B., B.S. - 1953
Guerin, Ronald St. Clair, B.E. - 1953	Hamdorf, Clifton John, Ph.D. (B.E., 1953) - 1957
Guinand, Andrew Paul, B.Sc. - 1932	Hames, Muriel Jean, B.A. - 1941
Guinand, Mimi Helen, B.A. - 1938	†Hamilton, David Wyndham, M.B., B.S. - 1959
Gulland, David Lungair, M.B., B.S. - 1955	Hamilton, Frank Alexander, B.E. - 1941
Gulland, Ian Ferris, M.B., B.S. - 1956	Hamilton, Ian Ayliffe, M.B., B.S. - 1924
Gum, Colin Stanley, M.Sc. - 1951	Hamilton, Ian Michael, M.B., B.S. - 1956
*Gunn, Lancelot Townsend, LL.B. - 1924	Hamilton, Ian Scott, LL.B. - 1951
Gunn, Archibald Keith, B.E. - 1956	Hamilton, Jean Anne, B.Sc. - 1947
†Gunn, James Allan Baikie, B.A. - 1959	Hamilton, Margaret Berner, B.Sc. - 1952
Gunn, John Alexander, M.A. (Liverpool, 1919) - 1926	Hamilton, Reginald Hewgill, M.B., B.S. - 1925
†Gunning, Julianne Elizabeth Stannus, M.B., B.S. - 1958	Hamilton, William Murray, M.B., B.S. - 1944
Gunning, Norman Stannus, M.B., B.S. - 1926	Hammill, Robert Duncan, M.B., B.S. - 1942
Gunson, John Grattan, M.B., B.S. - 1952	†Hammond, Brian George, B.Sc. - 1957
Gunson, John Michael Morphett, M.B., B.S. - 1933	Hammond, Henry Grant, M.B., B.S. - 1944
Guntton, James Donald, B.A. - 1938	Hammond, John Michael, M.Sc. - 1958
Guppy, Douglas James, B.Sc. - 1944	Hamp, Frances Marian, M.B., B.S. - 1925
Guppy (nee Knox), Joan Claudia, B.Sc. - 1943	†Hamra, Kameel Lawrence, M.B., B.S. - 1958
Gurner, Colin, M.B., B.S. - 1918	Hancock, George Alfred, M.A. - 1909
Gurner, Colin Marshall, M.B., B.S. - 1942	*Hancock, Henry Raymond Russell, M.B., B.S. - 1927
Gurney, Harold Cyril, M.Sc. - 1932	Hancock, James Russell, B.Sc. - 1941
Curr, Clifford George, B.Sc. - 1947	Hancock, John Owen, M.B., B.S. - 1952
Curr, Graham Edward, B.Sc. - 1956	†Hancock, Jonathan Yeatman, M.B., B.S. - 1959
Guster, Allan Frederick, B.E. - 1951	†Hancock, Richard Russell, B.E. - 1958
Guthaner, Ernst, M.B., B.S. - 1942	Hancock, William Andrew, B.Sc. - 1924
Guymer, Arthur Howes, M.B., B.S. - 1915	Hancock, Sir William Keith, M.A. (Oxford, 1930) - 1931
Guymer, Ernest Albert, M.B., B.S. - 1914	Handley, Donald Alfred, M.B., B.S. - 1953
Guymer, Max William, M.B., B.S. - 1947	Handley, Harold Arthur, M.B., B.S. - 1951
H	
Habib, Bernadette Dolores, M.B., B.S. - 1954	Handley, Joan Marie, M.B., B.S. - 1955
Habich, Carl Gerhard, B.A. - 1932	Hankel, Barbara Joan, B.A. - 1954
Habich, Carl Julius, B.E. - 1930	Hannaford, Brian Douglas, B.Sc. - 1945
Hackett, Cecil John, M.D. (M.B., B.S., 1927) - 1935	Hannan, Albert James (Warden of the Senate), M.A. - 1914
Hackworthy, Harold Stewart, B.Sc. - 1945	LL.B. - 1912
Haddrick, Eric Murray, LL.B. - 1954	Hannan, Clare Reginald, LL.B. - 1922
Haddrick, Peter Donald, B.E. - 1953	Hannan, Ian Ignatius, B.E. - 1949
Haden, John Forbes, B.A. - 1953	LL.B. - 1958
Haefner, Paul Clifford, Ph.D. (Leeds, 1957) - 1959	†Hannan, John Spencer, LL.B. - 1958
Haese, Beth Theodora, B.A. - 1947	Hannan, Mignonne Elizabeth, LL.B. - 1955
†Haese, David Kinnear, LL.B. - 1957	Hannon, Dennis Francis, M.B., B.S. - 1942
Haese, Ernst Alfred Wilhelm, B.A. - 1943	Hannon (nee Lewis), Gweneth Elizabeth, B.D.S. - 1932
Haese, Frederick Ernest Douglas, B.A. - 1950	Hansberry, Gerald Maxwell, M.B., B.S. - 1953
Hague, John Stanley, B.A. - 1956	Hansberry, John Pierce, B.A. - 1945
Hague, Ralph Meyrick, LL.B. - 1932	Hansberry, Mary Estelle, B.Sc. - 1951
Hahn, Hurtle William, B.A. - 1933	B.A. - 1954
Haines, Colin Edward, B.Ag.Sc. - 1941	Hansen, Ian Alfred, Ph.D. (B.Sc., 1948) - 1956
Haines, Murray David, B.A. - 1947	Hansen, Ian Victor, B.A. - 1950
Haines, Norman Lindsay, B.A. - 1947	Hansen, Ruth, B.Sc. - 1956
Hains, Ivan Coronel, M.B., B.S. - 1911	Hansford, Clifford Gerald, D.Sc. (Cambridge) - 1952
Hains, Robert Myer, M.B., B.S. - 1940	Hanson, Bertram Speakman, M.B., B.S. - 1928
Hakendorf, Andrew John, M.B., B.S. - 1929	†Hanson, Thomas Anthony Speakman, M.B., B.S. - 1959
Haldane, Alexander David, B.Sc. - 1949	Harbison, Alan Thomas, M.B., B.S. - 1927
Hale, Robert Palmer, B.Sc. - 1954	*Harbison, Ernest John Keith, M.B., B.S. - 1924
Hall, Alfred Daniel, M.A. (Oxford) - 1914	Harbison, John Henry, M.B., B.S. - 1949
Hall, Barbara Isabelle Herbert, Ph.D. (B.Sc., 1951) - 1956	Harbison, Peter Alan, M.B., B.S. - 1953
Hall, Charles Fishbourne, M.A. - 1922	Harbison, William Arthur, B.E. - 1938
†Hall, Donald Richard, M.B., B.S. - 1959	Harcourt, Geoffrey Colin, M.Ec. (M.Com., Melbourne, 1956) - 1959
†Hall, Elizabeth Adelaide Anne, B.Sc. - 1959	Harders, Clarence Waldemar, LL.B. - 1944
Hall, Frederick Leonard, B.Ec. - 1955	Harding, Florence Mary, M.A. (N.Z., 1932) - 1949
†Hall, Geoffrey Charles, B.D.S. - 1958	Hardy, Alfred Burton, LL.B. - 1898
†Hall, James Stanley, B.E. - 1933	Hardy (nee Beckwith), Anne Caroline, M.Sc. - 1947
Hall, Jocelyn Rosemary, B.A. - 1948	Hardy, Evan Lovell, B.E. - 1935
Hall, Marjorie Gertrude, Mus.Bac. - 1931	Hardy, John Evans Simpson, M.B., B.S. - 1945
Hall, Norman Bruce, M.B., B.S. - 1917	Hardy, John Howard, B.A. - 1955
Hall, Robert Darwin, B.E. - 1956	Hardy, John Scott, LL.B. - 1926
Hall, William Oswald James, B.Sc. - 1950	Hardy, Mabel Phyllis, B.A. - 1914
Hallett, Evan Charles, M.B., B.S. - 1947	Hardy, Thomas Walter, B.Sc. (Eng.) - 1947
Hallett, Harold Sinclair, B.E. - 1932	
Hallett, Reginald Thomas, B.E. - 1938	
Halley, Peter, M.B., B.S. - 1956	
Halloran, Noel, M.B., B.S. - 1953	
†Halwax, Karoly, M.B., B.S. - 1959	
Hamann, Keith Maurice, B.Sc. - 1953	
Hambidge, Margaret Cecile, B.A. - 1935	
†Hambly, Francis Sutherland, B.Ec. - 1957	
†Hambly, Peter Sutherland, B.A. - 1957	

* Deceased.

† Not yet Members of the Senate.

Hargrave, John Charles, M.B., B.S.	1954	Harvie, Sydney Haral, B.Sc.	1927
Hargrave, Nathaniel Charles, LL.B.	1938	Harwood, John William, M.B., B.S.	1953
B.A.	1939	Haselgrove, Harold Frederick, M.B., B.S.	1946
°Hargreaves, William Arthur, B.Sc. (Melbourne, 1891)	1909	Haselgrove, Helene Martha, B.A.	1923
D.Sc.	1916	Haselgrove, Janet Storrie, B.Sc.	1950
Harkness, Robert, B.A.	1907	†Haselgrove, Richard Frederick, B.Ag.Sc.	1950
Harley, David George, B.E.	1953	Haselgrove, Wilfred Eric, B.E.	1937
Harley, James Froomes, M.B., B.S.	1951	Haseloff, Milton Conrad, B.A.	1956
Harley, Marjory, B.A.	1925	Hasenohr, David, B.Sc.	1951
Harley, Peter Ash, B.E.	1956	Hasenohr, Edward, B.A.	1938
Harman, Lewis Clive, B.D.S.	1953	Hasenohr, Geoffrey, M.B., B.S.	1948
†Harman, Ray, B.Ec.	1959	Haskard, George Henson Barrett, M.Sc.	1936
Harmer, John Reginald, M.A. (Cambridge, 1884)	1895	Haskard, John Rex, B.Sc.	1950
Harms, John Eric, B.Sc.	1951	†Haskard, Malcolm Rosswyn, B.E.	1959
Harms, Lois Philippa, M.B., B.S.	1948	†Haslam, Christopher Osborne, B.Sc.	1958
Harmiman, William Ronald, LL.B.	1936	Haslam, Denise Allison, B.Sc.	1953
Harper, Anthony, LL.B.	1926	Haslam, Leslie Horrocks, LL.B.	1908
†Harper, Judith Mary, M.B., B.S.	1957	Haslam, Margaret Martha, M.B., B.S.	1935
Harper, Ronald George, B.A.	1938	Hassell, Frank Colin, B.E.	1933
B.Ec.	1947	Hassell, Kathleen Lilian, M.A.	1927
Harrington, Colin, B.A.	1947	Haste, Mary Joan, B.A.	1941
Harrington, Enid Greta, B.A.	1950	Haste, Reginald Arthur, B.Sc.	1911
Harrington, Joan Margaret, B.Sc.	1945	M.B., B.S.	1914
Harrington, Reginald Frank, B.D.S.	1943	†Hastings, Margaret Claire, M.B., B.S.	1958
Harrip, Brian John, B.A.	1950	Hauser, Frederick Herbert, B.A.	1931
Harris, Allan Cuthbert, B.Sc.	1923	Hawes, Brian Richard Albert, B.E.	1953
Harris, Beryl Ruth, B.A.	1935	†Hawke, Cynthia Joy, B.A.	1957
Harris, Cecil George, B.A.	1951	Hawke, John Burton, M.B., B.S.	1954
Harris, Charles Reginald Schiller, Ph.D. (D.Phil., Oxford, 1924)	1959	Hawke, John Gardner, B.Sc.	1954
Harris, Clare Sparkes, LL.B.	1925	Hawke, Vivian Lee, M.B., B.S.	1946
Harris, David Hall, M.B., B.S.	1942	Hawken, Doris Marguerite, B.A.	1917
Harris, David John, M.B., B.S.	1952	Hawker, Elizabeth Julie Seymour, B.A.	1942
Harris, Digby Ian, M.B., B.S.	1953	Hawker, John Seth, B.Sc.	1956
†Harris, Dominic Richard, B.Tech.	1959	Hawkes, Joan Muriel, B.A.	1955
Harris, Donald Dunstan, M.A.	1929	Hawkes, Rose Adeline, B.A.	1928
Harris, Dorothy Mary, B.A.	1919	Hawkins, Frederick James, LL.B., B.A.	1942
Harris, Dudley Andrew, B.A.	1938	Hawkins, Henry Stuart, B.Ag.Sc.	1956
°Harris, Ernest Wilfred, LL.B.	1920	†Hay, Gordon Stuart Baron, M.B., B.S.	1953
Harris, Frank Randall, B.Ec.	1955	†Hayball, John Frederick, B.Sc.	1953
Harris, Ian Antrobus, M.B., B.S.	1949	°Haycraft, Edith Florence, B.Sc.	1890
Harris, James Dunbar, M.B., B.S.	1953	Hayes, Horace Townsend, M.B., B.S.	1936
Harris, Jack Ronald, M.Sc.	1951	Hayman, David Lindsay, Ph.D. (B.Ag.Sc., 1953)	1958
Harris, John, M.B., B.S.	1924	Haynes, James Dalrymple, B.A.	1950
Harris, John Ernest, B.E.	1949	Hayward, Edward Leo, LL.B.	1925
Harris, Lorna Muriel, B.A.	1934	Hayward, John, B.E.	1953
†Harris, Robert Oxenberry, B.Ec.	1958	Hayward, John Lionel, M.D. (M.B., B.S., 1932)	1936
Harris, Shirley Joyce, B.A.	1938	†Hayward, Judith Marie, B.Sc.	1959
Harris, Sophie Dora, B.A.	1928	Hayward, Lancelot Alfred, M.B., B.S.	1914
Harris, William Brones, B.Ag.Sc.	1947	Hayward, Thomas Ronald, B.Ec.	1949
Harris, William Patrick, M.B., B.S.	1933	B.A.	1953
Harrison, Geoffrey John, B.Arch. (Sydney, 1951)	1959	Hayward, Walter Richard, B.A.	1934
Harrison, Howard Raymond, B.Sc.	1948	Haywood, Edward Francis, M.B., B.S.	1952
B.A.	1955	Head, John Graeme, B.Ec.	1954
†Harrison, Jack, B.Ec.	1959	†Head, Malcolm Gordon, B.Tech.	1958
†Harrison, Peter Linden, B.E.	1959	Hending, Keith Edward George, B.Sc.	1930
Harrison, Walter, B.A.	1929	B.A.	1938
Harold, Colin Morse, M.B., B.S.	1953	Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893)	1900
Harry, Arthur Hartley, B.A.	1901	Healy, Anthony Hodgins, B.D.S.	1952
Harry, Geoffrey Courtenay, LL.B.	1925	Healy, Peter, B.Sc.	1948
Harry, Grant Varley, B.E.	1915	Healy, Vincent Michael, B.Sc.	1939
Harry, Irene Pearl, B.A.	1915	Heard, Kenneth Harold, M.B., B.S.	1936
Harry, Romilly Carveth, LL.B.	1929	°Heard, Lyall Scott, B.Sc. (Eng.)	1944
Hart, Arthur Maxwell, B.A.	1950	†Heard, Terrence George, B.Ag.Sc.	1959
Hart, David Henderson, B.Sc.	1942	†Hearn, Anthony Clem, B.Sc.	1958
Hart, Mary Margaret, B.A.	1950	Heaslip (nee Shorney), Barbara Kate, B.A.	1928
Hartill, Graeme Donald, M.B., B.S.	1955	Heaslip, William Gordon, M.B., B.S.	1929
Hartshorne, Brian Herbert, M.B., B.S.	1952	Heath, Neil Stewart, Ph.D.	1955
†Hartwig, Ivan David, B.Tech.	1959	Heath, Ronald Bertram, B.E.	1941
Harvey, Alison, B.A.	1938	Heath, Trevor James Gartrell, B.A. (Cambridge, 1923)	1928
Harvey, Bernice Enid, Mus.Bac.	1928	LL.B.	1932
Harvey, Christine Alice, B.A.	1955	Heaton, Herbert, M.A. (Leeds, 1912)	1918
Harvey, Dean Lawrence, B.Sc.	1947	†Heaysman, Clive, M.B., B.S.	1958
Harvey, Faith Fairbank, Mus.Bac.	1925	Hebart, Armin William, B.Sc.	1944
B.A.	1936	Hebart, Siegfried Paul, M.A.	1932
Harvey, Frederick George, M.A. (Yale, 1934)	1934	Hebart, Werner Friedrich, B.A.	1934
Harvey, Raymond Hynson, B.E.	1936	Hecker, Joyce, B.A.	1955
Harvey, Richard Gilbert Mungo, B.Ag.Sc.	1948	Hecker, Olive May, B.A.	1954
Harvey, Wilbur Henry, B.E.	1955		

° Deceased. † Not yet Members of the Senate.

Hecker, Robert, M.D. (M.B., B.S., 1947)	1956	Hicks, Neil Dennis, M.B., B.S.	1948
*Hecker, Stewart Roy, M.B., B.S.	1919	Hicks, Warren Roseveare, B.Sc.	1944
Heddie, Frederic French, M.B., B.S.	1935	Hicks-Hall, Wellesley Ian Norman Sutcliffe, B.E.	1956
Heddie, Robert Charles, M.B., B.S.	1942	Hiern, Maurice Noel, B.Sc.	1952
Heddie, Shirley, B.A.	1947	Hieser, Ronald Oswald, M.Ec.	1954
Hedger, Dorothy Mavis, B.A.	1936	Higginbottom, Edwin Corlett, B.A.	1920
†Hedger, Joy West, B.Sc.	1959	Higginbottom, Edwin John, B.Ec.	1950
Hefford, Ronald Keith, B.Ec.	1956	Higgins, Alan Leslie, B.E.	1953
Heidenreich, George Bernhard Franz, B.A.	1944	Higgins, Alfred James, B.A.	1930
Heighway, Freida Ruth, M.D. (Sydney, 1939)	1949	Higgins, Bruce Ashley, M.B., B.S.	1956
Heinemann, Edmund Lewis, B.A. (Oxford, 1887)	1890	†Higgins, John William, B.A.	1957
Heinemann, Mary Josephine, B.A.	1948	Higgins, Raymond Hugh Edward, B.Ec.	1956
Heinemann, Mervyn Lambert, B.A.	1940	Higgs, Edward Davies, B.Ag.Sc.	1950
Heinrich, Harold Gordon, B.Ec.	1956	Hilbig, Maxwell John, B.E.	1955
Heinrich, Jeff Dean, B.Sc.	1949	Hilbig, Paul Berthold, B.A.	1930
Heithersay, Geoffrey Sinclair, B.D.S.	1956	Hill, Albert Charles, B.A.	1914
Heitmann, Dorothea Smith, M.B., B.S.	1949	Hill, Alma Isobel, B.A.	1948
Heitmann, John Smith, M.B., B.S.	1951	Hill, Arthur William, D.Sc. (Cambridge, 1918)	1927
Hely, Arnold Stanley McMath, M.A. (New Zealand, 1948)	1957	†Hill, Donald Gordon, B.E.	1959
Hemingway, Peter Cunliffe, B.Sc.	1949	Hill, Douglas Henry, M.B., B.S.	1949
Henderson, Eric Malcolm, B.E.	1932	Hill, Florence McCoy, B.Sc. (California, 1897)	1927
Henderson, Leonard Ross, B.Ec.	1949	Hill, Hilda Mary, B.A.	1908
Henderson, Margaret Evelyn, B.A.	1956	Hill, Ivan William, B.Sc.	1956
Henderson, Roland, LL.B.	1926	Hill, John, B.Sc.	1922
†Henderson, Ronald George, B.E.	1957	Hill, John Albert, B.Sc.	1943
Hendrickson, Douglas Buxton, M.B., B.S.	1941	Hill, John Distin, B.Sc.	1940
Henning, Frederick Rudolph, M.D.S. (B.D.S., 1952)	1959	†Hill, John Manners, M.B., B.S.	1958
Henningsen, Marcus, B.E.	1952	Hill, John Seymour Thew Tregarthen, M.B., B.S.	1941
Henschke, Lawrence Ronald, B.E.	1951	Hill, Kenneth Arthur, B.Sc. (Eng.)	1950
Henschke, Norman Frederick, B.Sc.	1952	Hill, Malcolm, B.E.	1951
Hensel, Gordon Maxwell, B.Sc.	1951	Hill, Malcolm Robert, M.Ec.	1957
Herath, Meewakkala Mudiyansele Jinasala Willahad, B.Sc.	1955	Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910)	1920
Herbert, Septimus Giffen Mills, B.Sc.	1949	Hillier, Howard Armstrong, B.E.	1950
†Hercus, Robert William, B.E.	1959	†Hills, Neville Francis, M.B., B.S.	1957
Hermes, Clarence Lindsay, LL.B.	1951	Hilton, Arthur Robert, B.A.	1909
Herriot, Robert Irvine, B.Ag.Sc.	1932	Hilton, Frank Morphett, B.Ag.Sc.	1948
Herriot, Ronald Melbourne, B.E.	1952	Hilton, Keith Denyer, LL.B.	1949
Hersel, August Wilhelm, B.A.	1935	†Hinc, Feliks-Alfons, B.E.	1957
Herzog, Paul, B.A.	1953	Hinde, James Tempest, B.Sc.	1941
Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered for B.E., 1913)	1913	Hine, Denise Charlotte, M.Sc.	1952
Heseltine, Samuel Richard, LL.B.	1908	Hine, Florence Pauline, B.A.	1947
Hester, David Albert, B.A. (Cambridge, 1956)	1958	Hirst, Ronald Robert, M.Ec.	1950
Hester, Gwynn Thomas John, B.A.	1950	Hiscock, Ian David, Ph.D. (M.Sc., 1950)	1952
Hetherington, Robert, B.A.	1951	Hiscock, Kenneth George, B.D.S.	1952
Hetzel, Basil Stuart, M.D. (M.B., B.S., 1944)	1949	Hiscock, Stephen West, B.Sc.	1949
Hetzel, Kenneth Stuart, M.D. (M.B., B.S., 1920)	1926	Hisgrove, Gladys, B.A.	1936
Hetzel, Peter Stuart, M.D. (M.B., B.S., 1948)	1952	Hiskey, Thomas Alan, B.A.	1949
Heur, Powel Max, B.Sc.	1953	†Hislop, Ian Gordon, M.B., B.S.	1958
Heuzenroeder, Reginald Leo, LL.B.	1923	Hitchcox, Alison Rosemark, B.A.	1955
Hewett, Esther Jean, B.A.	1938	Hitchcox, Alfred Clarke, M.A.	1932
Hewett, Peter Neil, B.Sc.	1956	Hitchcox, Joyce Mary, B.A.	1949
Hewgill, Frank Richmond, Ph.D.	1955	†Hiu, Hock Leng, B.E.	1958
Hewitson, Gordon Frank, B.A.	1951	Ho, Shui, B.E.	1955
Hewitson, Malcolm Thomas, B.A.	1951	Hoar, Barbara Charlotte, B.Sc.	1948
Hewitt, Cecil Austin, LL.B.	1924	Hoare, Charles Gilles Lucas, M.B., B.S.	1955
†Hewton, Anthony Walter, B.Sc.	1957	Hoare, Lehone Lucas, M.B., B.S.	1949
Heyne, Carl William, B.D.S.	1949	Hobbs, Alan Frank, M.B., B.S.	1922
Heyne, Ida Marie, B.A.	1916	Hobbs, Brian Kenneth, M.B., B.S.	1956
Heyne, Laura Olga Hedwig, M.A.	1917	Hobbs, Graham Alan, M.B., B.S.	1955
Heyward, Marie Louise, B.A.	1941	Hobbs, Ian Harold, M.B., B.S.	1948
Hiatt, Jack Thomas, LL.B.	1947	Hobbs, Michael Sydney Talbot, M.B., B.S.	1956
B.Ec.	1948	†Hobbs, William Harris, M.B., B.S.	1958
Hibbert, Kevin Malcolm, B.E.	1953	Hobden, Joan Frances, B.Sc.	1952
Hickey, Kathleen Veronica, B.A.	1945	Hocking, Colin Stanley, B.Sc.	1949
Hickinbotham, Alan David, B.Sc.	1949	Hocking, Frank Maxwell, B.Sc.	1929
Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915)	1926	Hocking, Kevin, B.E.	1953
M.D. (M.B., Ch.B., N.Z., 1923)	1936	Hockney, Barry Herbert, B.Sc.	1955
Hicks, Dene Alan, M.B., B.S.	1948	Hoctor, John Francis, B.A. (Dublin, 1871)	1877
Hicks, Edward Paul, M.B., B.S.	1951	Hodan, Miroslav, M.Ec.	1956
Hicks, Francis Gibson, LL.B.	1915	Hodby, Frederic Stephen, LL.B.	1925
		Hodby, Kenneth Wellesley, M.B., B.S.	1936
		Hodby, Lindley David, M.B., B.S.	1929
		Hodge, Philip Richard, M.B., B.S.	1952
		Hodge, Robert Ley, M.B., B.S.	1956

*Deceased.

†Not yet members of the Senate.

Hodgkinson, Peter Willis, B.Ec. - - -	1952	Hopper, Brian William, B.Sc. - - -	1947
Hodgson, Ian Harold, B.D.S. - - -	1950	Hopton, Peter Phillip Adrian, B.A. - - -	1947
†Hodgson, Richard Berkeley, M.B., B.S. - - -	1959	Horan (nee Cleland), Margaret Burton, M.B., B.S. - - -	1932
†Hoepner, Robert John, B.E. - - -	1959	*Horder, Thomas Jeeves, Baron of Ashford, M.D. (London, 1899) - - -	1935
Hoff, Lothar Clemens, M.B., B.S. - - -	1953	Horman, William Dinwoodie Ackland, M.B., B.S. - - -	1941
Hoffman, Jack, M.B., B.S. - - -	1951	Hornabrook, Reginald Denys, M.B., B.S. - - -	1925
*Hogan, Esmond John Campbell, LL.B. - - -	1920	*Hornabrook, Rupert Walter, M.B., B.S. - - -	1896
Hogan, Margaret Mary, B.A. - - -	1950	Horne, Colin James, M.A. (Oxford, 1941) - - -	1958
Hogan, Philip Cornelius, M.B., B.S. - - -	1928	†Horsfield, Helen Fay, M.B., B.S. - - -	1959
Hogarth, David Stirling, LL.B. - - -	1931	Horton, Robert Ralph, M.B., B.S. - - -	1953
Hogben, Roy, B.Sc. - - -	1950	Horvat, Leon, B.A. - - -	1955
Hoile, Douglas Edward, M.B., B.S. - - -	1951	Horvat, Victor, M.B., B.S. - - -	1955
Hoile, Edward Murray, M.B., B.S. - - -	1953	†Hosking, Alexa Anne, B.Sc. - - -	1959
Holdaway, Frederick George, M.Sc. (Queensland, 1925) - - -	1926	Hosking, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - -	1947
Holden, Ethel, B.A. - - -	1931	Hosking, Herbert Champton, M.B., B.S. - - -	1923
Holden, Geoffrey Raymond, B.Sc. - - -	1951	*Hosking, Herbert Clifton, B.A. - - -	1908
†Holden, Ralph William, B.Tech. - - -	1958	Hosking, Lochee Maud, B.A. - - -	1931
Holden, Robert William, B.E. - - -	1950	Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947
Holder, Alison Joyce, Mus.Bac. - - -	1941	Hosking, Peter Kay, B.E. - - -	1948
Holder, Ethel Roby, M.A. - - -	1901	†Hosking, William Rex, B.A. - - -	1958
Holder, Evan Morecott, B.E. (B.Sc. 1909, surrendered for B.E., 1913) - - -	1913	*Hoskins, Howard Berthold, B.A. - - -	1926
Holder, Sophia Ellen, B.A. - - -	1906	Hossfeld, Paul Samuel, Ph.D. (M.Sc., 1926) - - -	1953
*Holder, Sydney Ernest, M.B., B.S. - - -	1913	Hotten, Douglas Ernst, B.Sc. - - -	1956
†Holding, Barry John, B.Ec. - - -	1959	Hourigan, Lloyd David, B.Ec. - - -	1950
Holding, Sheila Dolby, B.A. - - -	1943	Hourigan, Richard Edward, LL.B. - - -	1893
Holdsworth, Eric Spencer, Ph.D. (Leeds, 1950) - - -	1959	Howard, Arthur Ewing, B.A. - - -	1912
Holdsworth, Leslie McLeod, B.A. - - -	1934	Howard, Donald William Digby, B.Ec. - - -	1949
Holland, Charlotte Annie, B.A. - - -	1916	Howard, Ephrem, B.A. - - -	1937
Holland, James Williams, B.D.S. - - -	1952	Howard, Juliet Hardman, M.B., B.S. - - -	1951
Holland, Joan, B.A. - - -	1944	Howard, Leo, M.A. - - -	1943
Holland, Laurence Corin, M.B., B.S. - - -	1935	†Howard, Patience Constance Joan, B.Ec. - - -	1959
Hollands, Judith Helen, B.Sc. - - -	1956	Howard, Peter Felix, B.Sc. - - -	1950
†Holley, Maurice Frederick, B.Sc. - - -	1959	Howard, Rex Trowbridge, B.Sc. - - -	1950
Holliday, Norman Grant, B.E. - - -	1952	Howard, Ronald Walter, B.E. - - -	1951
Hollidge, Alfreda Faith, B.A. - - -	1922	Howard, Yvonne Mary, B.A. - - -	1945
Hollidge, David Henry, M.A. - - -	1889	Howe, George William Osborn, D.Sc. (Durham, 1914) - - -	1914
Hollidge, Geoffrey David, LL.B. - - -	1926	Howell, Frederick Glenroy Graham, B.Sc. - - -	1949
Hollis, William Frederick, B.D.S. - - -	1955	Howell, Murray Wentworth, B.E. - - -	1935
†Holloway, Beth, B.Sc. - - -	1958	Howes, David William, M.Sc. - - -	1955
Holman, Lawson James, M.B., B.S. - - -	1954	Howie, Mary Hotham, B.A. - - -	1943
Holmes, Angus Spooner, B.A. - - -	1955	Howland, Donald John, B.A. - - -	1948
Holmes, Henry Bertram, M.B., B.S. - - -	1940	Howlett, Diana Rosemary, B.A. - - -	1956
Holmes, John Winspere, M.Sc. - - -	1955	Howlett (nee Hughes), Nellie Ruth, B.A. - - -	1941
†Holmes, Patricia Langley, B.A. - - -	1958	Howlett, Philip Thomas Michael, M.A. B.Ec. - - -	1947
Holmes, Reginald Murray, M.B., B.S. - - -	1949	Hronsky, Eugenia, M.B., B.S. - - -	1953
Holtham, Richard, B.A. (Queensland, 1916) - - -	1920	†Huang, Su-Eng, B.Sc. - - -	1958
Holton, Jack Arthur, B.E. - - -	1952	†Huang, Yuan-Tung, Anthony, M.B., B.S. - - -	1959
Holywell, Keith Harold, M.Sc. - - -	1959	Hubbard, Margaret Eileen, M.A. - - -	1949
Homburg, John, LL.B. - - -	1908	Hubbe, Edith Ulrica, B.A. - - -	1908
Hone, Alfred Andrew, B.Sc. - - -	1924	M.B., B.S. - - -	1922
Hone, Brian William, B.A. - - -	1928	Hubble, George Dixon, B.Ag.Sc. - - -	1934
Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921) - - -	1938	Huckson, Ernest John, B.E. - - -	1952
†Hone, Frank Alexander, B.E. - - -	1959	Huddleston, Leslie Basil, B.Sc. (Eng.) - - -	1942
Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920) - - -	1923	Huddleston, Stanley Ernest, B.Sc. - - -	1934
*Hone, Frank Sandland, B.A. - - -	1889	B.E. - - -	1935
M.B., B.S. - - -	1894	†Hudson, Dean Franklin, B.A. - - -	1958
Hone, Garton Maxwell, M.B., B.S. - - -	1924	†Hudson, Geoffrey Marshall, B.Ec. - - -	1957
Hone, Michael Raymond, B.Sc. - - -	1950	Hughes, Alfred, B.A. (Cambridge, 1886) - - -	1889
M.B., B.S. - - -	1954	*Hughes, Gordon Kingsley, D.Sc. - - -	1954
Hone, Winifred Ruth Selwyn, B.A. - - -	1934	Hughes, Harold Timothy, B.Ag.Sc. - - -	1941
Honor, Wilfred Weston, B.Sc. - - -	1931	Hughes, James Estcourt, M.S. (M.B., B.S., 1926) - - -	1937
M.E. - - -	1945	Hughes, John Burnell, M.B., B.S. - - -	1952
†Hood, Margaret Daphne, B.A. - - -	1959	Hughes, Leslie Donald, B.E. - - -	1949
Hood, Vivian George, B.D.S. - - -	1950	Hughes, Patricia Gliddon, B.Sc. - - -	1952
Hooker, Robert John, B.E. - - -	1951	Hughes, Robert Douglas, B.D.S. - - -	1938
Hooper, Frederick Harvey, B.Ag.Sc. - - -	1936	Hughes, Robert George, B.Sc. (Eng.) - - -	1942
Hooper, Jane Barker, B.A. - - -	1941	†Hui, Weng Choon, M.B., B.S. - - -	1957
†Hooper, John Robert, B.A. - - -	1959		
Hooper, Peter Laurence, B.Sc. - - -	1934		
Hooper, Rex Truran, M.E. - - -	1940		
Hoopman, Friedrich Wilhelm, M.B., B.S. - - -	1922		
Hoopmann, Eric Paul, M.B., B.S. - - -	1949		
†Hoopmann, Peter William, M.B., B.S. - - -	1959		
Hope (nee Fowler), Laura Margaret, M.B., B.S. - - -	1891		
Hopkins, Alfred Nicholas, B.A. - - -	1888		
Hopkins, Brian McDonald, B.Sc. - - -	1950		
†Hopkins, John McEwan, B.Tech. - - -	1958		

* Deceased.

† Not yet Members of the Senate.

Human, James Peter Egerton, M.Sc.	1948	Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937
†Humble, Dudley Samuel, M.B., B.S.	1959	Isles, Keith Sydney, M.A. (Cambridge, 1933)	1941
†Hume, Beryl May, B.A.	1959	Isom, Constance Ruth, B.A.	1934
Humphrey, Ruth Iris Marie, B.Sc.	1955		
Humphris, Elisabeth Amy, B.A.	1952		
Humphris, Francis Henry, B.E.	1924		
Humphris, Francis Ross, B.Ag.Sc.	1944		
Humphry, Alfred Henry, M.B., B.S.	1937		
Humphry, Lulu Eileen, B.Sc.	1935		
†Hundertmark, Bruce, B.E.	1959		
Hunkin, Leonard Dale, LL.B.	1935		
Hunkin, Milton Philip, B.A.	1954		
Hunt, Arnold Dudley, B.A.	1942		
Hunt, Arnold Leighton, Ph.D. (B.Sc., 1952)	1957		
Hunt, Max Aubrey, B.E.	1931		
Hunter, Betty Vera, B.Sc.	1947		
Hunter, Brian Oswald, LL.B.	1932		
Hunter, Doris, B.A.	1924		
Hunter, Geoffrey Allan, M.B., B.S.	1942		
Hunter, Ronald, M.B., B.S.	1944		
Hunter, Thomas Bowden, M.B., B.S.	1944		
Hunwick, Arthur Phillip, B.E.	1929		
Hunwick, Leonard William, LL.B.	1936		
Hurley, Leonard Joseph Bernard, B.A.	1914		
†Hurren, Pauline Mary, B.E.	1959		
Hurst, Charles Angas, Ph.D. (Cambridge, 1952)	1959		
Hurst, Edward Weston, D.Sc. (Birmingham, 1932)	1941		
Hurst, Harvey Herbert, M.B., B.S.	1929		
Hurst, Peter Edwin, M.B., B.S.	1953		
Hurst, Walter William, B.Sc.	1916		
Hussey, Brian Leitch, B.D.S.	1951		
*Hussey, Percival Francis Leitch, M.B., B.S.	1920		
Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929)	1945		
Hutcheson, George Ian Dewart, B.E.	1917		
Hutcheson, Gordon Bramwell, LL.B.	1930		
Hutchinson, Clive Reginald, B.A.	1948		
Hutchinson, Colin Frederick, B.Sc.	1950		
Hutton, Edward Mark, D.Sc. (M.Sc., 1940)	1951		
Hutton, John Thomas, B.Sc.	1938		
Hutton, Tom Allan, LL.B.	1940		
Huxley, Leonard George Holden, Ph.D. (D.Phil., Oxford, 1928)	1950		
Hyde, Alan Graham, B.Ec.	1951		
Hyde, James O'Halloran, M.B., B.S.	1954		
Hyde, Miriam Beatrice, Mus.Bac.	1931		
I			
Ide, Donald Norman, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948		
Ide, Frank Boyle, B.E.	1928		
*Iliffe, James Drinkwater, B.Sc.	1899		
Iliffe, Michael Isaac Glover, B.Sc.	1934		
Ingamells, Dora, B.A.	1909		
Ingamells, Eric Marfleet, B.A.	1908		
*Ingamells, Reginald Charles, B.A.	1934		
Ingleby, Aileen Constance, LL.B.	1921		
†Inglis, Cecil Frederick, B.E.	1958		
Inglis, Kenneth Stanley, Ph.D. (D.Phil., Oxford, 1956)	1957		
†Ingram, Arthur Donald, B.Sc.	1957		
Inman, Ross Banks, B.Sc.	1956		
in't Veld (nee Champion de Crespigny), Margaret, B.A. (Melbourne, 1940)	1940		
Ireland, Graham Malcolm, M.B., B.S.	1953		
Ireland, Norman Arthur, M.A.	1932		
Irvine, Beatrice May, M.B., B.S.	1941		
Irving, Denys Benson, B.Sc.	1950		
Irving (nee Robin), Elizabeth Anne, M.Sc.	1954		
Irving, Henry Edward, LL.B.	1933		
Irving, Iris Mary, B.A.	1950		
Irving, Roger John, M.Sc.	1948		
†Irwin, Bernard John, B.Ec.	1957		
Irwin, Edith French, B.Sc.	1939		
Irwin, Graham Wilkie, B.A.	1947		
Irwin, John Francis, B.D.S.	1951		
Irwin, Robert Newenham, LL.B.	1929		
Irwin, William Morris, M.B., B.S.	1938		
†Isaac, Alfred Frank, B.Sc.	1959		
Isaachsen, Oscar Cedric, LL.B.	1932		
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937		
Isles, Keith Sydney, M.A. (Cambridge, 1933)	1941		
Isom, Constance Ruth, B.A.	1934		
J			
Jack, Fannie Augusta, B.A. (Sydney, 1899)	1913		
Jack, Malcolm Alexander, M.A. (Oxford, 1958)	1959		
Jack, Robert Lockhart, B.E. (Sydney, 1899)	1913		
D.Sc.	1930		
Jack, William Logan, M.B., B.S.	1929		
Jackman, Frank Downer, B.E.	1924		
Jackman, Lloyd Miles, Ph.D. (M.Sc., 1949)	1952		
Jackman, Margaret Elva, B.Sc.	1954		
Jackson, Arthur Marchant, B.A.	1943		
Jackson, Edward Arthur, B.Ag.Sc.	1951		
†Jackson, Graham Douglas Fischer, B.Sc.	1959		
Jackson, John Frederick, B.Sc.	1945		
M.B.	1951		
Jackson, Norton, B.E.	1941		
Jacob, Charles Ernest Frederick, B.E.	1934		
Jacobs, Alan Brian, B.Ec.	1949		
Jacobs, Donald Arthur, M.B., B.S.	1954		
Jacobs, Doreen Miriam, Mus.Bac.	1941		
Jacobs, Maxwell Ralph, M.Sc.	1936		
Jacobs, Samuel Joshua, LL.B.	1948		
†Jacobsen, John Viggo, B.Ag.Sc.	1959		
†Jacquier, Maxwell Leslie, B.Sc.	1959		
Jaffrey, Andrew Maxwell, B.Sc.	1956		
Jaffrey, John Maxwell, LL.B.	1956		
Jago, John Geoffrey, LL.B.	1955		
Jakobsen, Hugo, B.A.	1954		
James, Alan Treleven, M.Sc.	1949		
James, Bertha Gwendoline, B.A.	1934		
†James, Brian Norman, B.E.	1958		
James, Clarence Keith, B.E.	1932		
James, Colin Thomas, M.B., B.S.	1942		
James, Helen Margaret, B.A.	1941		
James, Paul Reuben, M.B., B.S.	1941		
James, Richard Cecil, B.A.	1954		
James, Robert Jeffery, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947		
†James, Robert William, B.Tech.	1959		
James, Wesley Hughes, B.Sc.	1919		
M.E.	1932		
James, William Rex, M.B., B.S.	1928		
Janardhan, Narienkadu Mohanarunga, B.E.	1954		
Janes, Boris Sebire, M.Sc.	1948		
†Jankauskas, Algis, M.B., B.S.	1959		
Jansen, Marcus Gordon, M.B., B.S.	1943		
Janzow, Eric Herbert Martin, B.A.	1940		
Jarrett, Frank George, Ph.D. (Iowa)	1955		
Jarrett, Ivan Gentry, M.Sc.	1947		
Jarvis, Ronald Harris, M.B. B.S.	1948		
Jaskewycz, Taras, B.Sc.	1956		
Jauncey, George Eric Macdonnell, D.Sc. (B.Sc., 1909)	1922		
Jay, Hubert Melville, M.B., B.S.	1908		
Jay, Peter Gerald, M.B., B.S.	1941		
Jeames, Brian Hamilton, M.B., B.S.	1953		
Jeames, John Colin, B.E.	1954		
Jeevaratnam, Appapillai Jacob, M.Ag.Sc.	1956		
Jeffares, Alexander Norman, M.A. (Oxford)	1952		
Jefferies, Brian Crossley, B.Ag.Sc.	1953		
Jefferies, Arthur Tarlton, B.Sc.	1908		
†Jeffries, Elizabeth Shirley, B.A.	1957		
Jeffries, John Singleton, M.B., B.S.	1942		
Jeffries, Lewis Wibmer, M.B., B.S.	1907		
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952)	1953		
Jeffries, Sir Shirley Williams, LL.B.	1909		
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945)	1951		
Jenke, Dudley Conrad, B.Sc.	1950		
Jenkin, Alfred John Roseland, B.A.	1932		
Jenkin, Beth Lenore, B.A.	1940		

* Deceased.

† Not yet Members of the Senate.

Jenkin, Mabel Gertrude, B.A. - - -	1928	Jona, Jacob, B.Sc. - - -	1908
Jenkins, Heather Gordon, B.Sc. - - -	1950	Jona, Judah Leon, D.Sc. - - -	1910
Jenkins, Rex Desmond, B.A. - - -	1941	M.B., B.S. (Melbourne, 1911) - - -	1917
Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916) - - -	1922	M.S. - - -	1919
Jenner, Anthony Martin, B.E. - - -	1952	†Jonas, Oswald, M.B., B.S. - - -	1959
†Jenner, Monica Marie, B.A. - - -	1959	Jones, Alan Thomas Britten, M.B., B.S. - - -	1921
Jennings, Bruce Arthur, B.E. - - -	1950	Jones, Albert Edward, LL.B. - - -	1888
Jennings, Robert Edward, B.Sc. - - -	1952	Jones, Albert Walter, B.Sc. - - -	1932
Jennison, Raymond Barraclough, B.E. - - -	1950	M.A. - - -	1944
Jens, John Matthias Joseph, M.B., B.S. - - -	1934	†Jones, Beverley Lillian, B.A. - - -	1959
Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947	Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - -	1949
Jensen, Richard Ian Broughton, B.A. - - -	1951	B.Ec. - - -	1958
Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool, 1933) - - -	1957	Jones, Conway Jeffrey, B.Sc. (Eng.) - - -	1945
Jensen, Tom Broughton, B.E. - - -	1938	Jones, David Lewis, M.B., B.S. - - -	1950
Jephcott, Bruce Reginald, B.Sc. - - -	1950	Jones, Doris Egerton, B.A. - - -	1911
Jepson, Richard Pomfret, M.B., B.S. (M.B., Ch.B., Manchester, 1941) - - -	1959	Jones, Dorothy Irene, B.A. - - -	1945
Jericho, Arnold Mervyn, B.E. - - -	1938	*Jones, Edmund Britten, M.B., B.S. - - -	1910
Jessup, Allan Aubrey, M.B., B.S. - - -	1952	*Jones, Frederick Wood, D.Sc. (London, 1910) - - -	1920
Jessup, Leonard Clive, M.B., B.S. - - -	1952	Jones, Geoffrey Hedley, M.B., B.S. - - -	1947
Jessup, Rupert William, M.Sc. - - -	1948	Jones, Gwynfred, B.Sc. - - -	1926
Jew, Ronald William, LL.B. - - -	1937	Jones, Herbert William, B.E. - - -	1939
Jewell-Thomas, Stephen Rutter Culross, B.E. - - -	1954	Jones, Jean Murray, M.B., B.S. - - -	1944
Johinke, Albert Keith, B.E. - - -	1952	Jones, Kelvin Lindsay, B.Sc. - - -	1945
John, Glen Owen, B.E. - - -	1951	Jones, Kenneth Thomas, M.B., B.S. - - -	1951
John, Lloyd Vincent, B.A. - - -	1954	Jones, Evan Mander, M.A. (Oxford, 1937) - - -	1948
Johncock, Leonard Percy, B.A. - - -	1926	Jones, Margaret Britten, B.A. - - -	1947
Johns, Bennett Gilbert Langman, B.Sc. - - -	1937	Jones, Michael John, B.A. - - -	1954
†Johns, Darby Richard, B.Ec. - - -	1958	Jones, Reginald John, B.A. - - -	1948
Johns, Robert Keith, B.Sc. - - -	1948	Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941) - - -	1948
Johns, Rowland Walden, B.E. - - -	1951	Jones, Robert Britten, M.B., B.S. - - -	1952
Johnson, Alan Rhodes, Ph.D. (Leeds, 1953) - - -	1955	Jones, Robert Howard, B.Sc. - - -	1940
Johnson, Bruce, Ph.D. (London, 1955) - - -	1956	Jordan, Deirdre Frances, B.A. - - -	1947
Johnson, Christopher Malcolm, B.E. - - -	1952	Jordan, Denis Oswald, D.Sc. (London, 1953) - - -	1955
Johnson, Darlene Fraser, B.A. - - -	1957	Jorgensen, Donald Murray, M.B., B.S. - - -	1953
Johnson, Dorothy Mavis, B.A. - - -	1931	†Jory, Rodney Leonard, B.Sc. - - -	1959
*Johnson, Edward Angas, M.B., Ch.B. (Melbourne, 1897) - - -	1897	Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1947
M.D. (Gottingen, 1899) - - -	1901	Jose, Edward Salisbury, B.A. (Oxford, 1904) - - -	1905
Johnson, Edwin Ralph, B.A. - - -	1931	Jose, Geoffrey Alan, M.B., B.S. - - -	1948
†Johnson, Eleanor Elizabeth, B.Sc. - - -	1957	*Jose, George Herbert, M.A. (Oxford, 1906) - - -	1906
Johnson, Francis Henry, M.A. (Oxford, 1946) - - -	1952	Jose, Ivan Bede, M.S. (M.B., B.S., 1915) - - -	1923
Johnson, Francis James, B.E. - - -	1952	†Jose, John Salisbury, M.B., B.S. - - -	1957
Johnson, Jeffery William Harwood, LL.B. - - -	1951	Joseph, George, LL.B. - - -	1938
Johnson, Keith Douglas, B.Sc. - - -	1950	Joseph, Hapuarachchige Don Austin Carlo, B.Sc. - - -	1956
Johnson, Margaret Isabel, B.A. - - -	1952	Joseph, Kaniyantha Thomas, M.Ag.Sc. - - -	1958
Johnson, Peter Ralph, B.Sc. - - -	1941	†Joshi, Jagan Nath, M.B., B.S. - - -	1958
Johnson, Robert Douglas, B.E. - - -	1955	Joske, John Webster, M.B., B.S. - - -	1955
Johnson, Robert Vincent, Ph.D. (Manchester, 1952) - - -	1959	Joyce, Rosalie Woodruff, B.A. - - -	1929
Johnson, Ronald Lisle, LL.B. - - -	1937	Joyner, Malcolm Stewart, B.D.S. - - -	1926
†Johnson, Ross Gordon, M.B., B.S. - - -	1958	Joyner, Max Frederick, LL.B. - - -	1913
Johnson, William Courtenay Saunders, B.A. - - -	1934	Judd, James, B.A. - - -	1954
Johnson, William Herbert, B.A. - - -	1911	Judd, Percival Richard Henry, B.A. - - -	1934
*Johnston, Benjamin George, M.B., B.S. - - -	1924	B.Ec. - - -	1938
Johnston, Elizabeth, LL.B. - - -	1948	Jude, Gertrude Josephine, B.Sc. - - -	1901
Johnston, Elliott Frank, LL.B. - - -	1940	Judell, Maurice Wolff, B.Sc. - - -	1903
Johnston, Lance Galbraith, B.E. - - -	1925	Judell, Trevor Leopold, B.Sc. - - -	1947
Johnston, Ross George, B.D.S. - - -	1936	Judell, Vivienne, LL.B. - - -	1933
*Johnston, Thomas Harvey, D.Sc. (Sydney, 1911) - - -	1923	Juett, Christina Margaret, M.A. - - -	1933
*Johnstone, Percy Emerson, B.A. - - -	1894	†Juhasz, Ferenc, B.Ec. - - -	1958
LL.B. - - -	1898	Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909) - - -	1914
Johnstone, William Watson, M.E. - - -	1947	Jungfer, Carl Clifford, M.D. (M.B., B.S., 1936) - - -	1949
Jolly, Bertram Morris, M.B., B.S. - - -	1937	Jungfer, Lorenz Wilfred, B.D.S. - - -	1933
Jolly, Dennis Rawson Penfold, B.Sc. - - -	1953	Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907) - - -	1914
Jolly, Donald, B.Sc. - - -	1945	*Jury, Charles Rischbieth, M.A. (Oxford, 1923) - - -	1931
Jolly, Erica Annette, B.A. - - -	1956	Juttner, Prudence Anne, B.Sc. - - -	1952
*Jolly, Norman William, B.Sc. - - -	1901		
Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930) - - -	1936		
Jolly, William Alfred Swinburne, B.E. - - -	1948		
Jolly, William Richard Norman, B.Sc. - - -	1933		
B.A. - - -	1937		

* Deceased.

† Not yet Members of the Senate.

Kaines, Raymond Hannay, M.B., B.S.	1926	Kennedy, Josephine Margaret, M.B., B.S.	1939
Kakulas, Byron Arthur, M.B., B.S.	1956	Kennedy, Karin Isobel, B.Sc.	1955
Kalinovsky, Galina, M.B., B.S.	1953	†Kennedy, Michael Brian, B.E.	1959
Kalinovsky, Peter Victor, M.B., B.S.	1953	Kennedy, Philip James Anthony, LL.B.	1954
†Kambala, Jazeps, B.Tech.	1958	Kennedy, Stanley Wallace, Ph.D. (Bel-fast, 1954)	1957
Kandasamy, Kanapathy, M.Sc.	1955	Kennett, Edmund Richard, B.E.	1949
†Kandiah, Kumarasivam, B.E.	1958	Kenny, Daniel Thomas, B.E.	1951
Kaneff, Stephen Dimov, Ph.D. (B.E., 1949)	1956	Kenny, Martin Lance, B.A.	1940
Kanwar, Jaswant Singh, Ph.D.	1954	Kenny, Patricia Mary, B.A.	1954
Kappler, Laurel Valma Joy, B.A.	1950	Kent, George Lynden, B.A.	1952
Karim, Abdul (M.Sc., Dacca) Ph.D.	1951	Kent, Heinz Sigfrid Koplowitz, Ph.D. (Cambridge, 1955)	1956
Karmel, Peter Henry, Ph.D. (Cambridge, 1948)	1951	Kentish, Timothy David, B.Ag.Sc.	1949
†Kaspiew, Radzen, B.A.	1958	Keon-Cohen, Russel Hallel, M.A. (Mel-bourne, 1925)	1945
†Katekar, Gerard Frederick, B.Sc.	1958	Kerin, John Francis, B.A.	1949
Katekar, Henry John, LL.B.	1937	Kerin, Kevin Vincent, LL.B.	1952
Kaufman, John Lewis, B.D.S.	1956	Kerr, Allen, Ph.D.	1956
Kaupmees, Lennart, M.B., B.S.	1956	Kerr, Sydney Challen, M.B., B.S.	1942
Kavass, Igor Ivar, LL.B. (Melbourne, 1956)	1959	Kerr, Colin Gregory, M.A.	1937
Kay, Alexander Theodore, B.E.	1924	Kerr, David Ian Bevis, Ph.D. (B.Sc., 1947)	1954
Kay, Cecil Bernhard, B.Sc.	1935	Kerslake, William James, B.A.	1942
†Kay, Lorimer Judith, B.D.S.	1959	†Kersten, Lee Irving, B.A.	1959
†Kay, Malcolm John, B.Sc.	1957	Kessell, Abraham, M.B., B.S.	1955
Kay, Moutat John Richard, M.A. (Ox-ford, 1907)	1926	Kessell, John Samuel, M.B., B.S.	1923
Kay, Robert Pringle, B.E.	1926	Kessell, Maurice, M.B., B.S.	1950
Kay, Sylvius Clarence, B.Sc.	1939	Kessell, Stephen Lackey, M.Sc.	1927
†Keain, Arthur Patrick, B.A.	1958	Kesting, Louis John, B.A.	1944
Kcally, Frank Shenstone, B.A.	1951	Ketteridge, Colin Ralph, B.D.S.	1956
Kean, Eileen Margaret, M.A.	1930	Ketteridge, Ian Bruce, B.E.	1951
Keaney, John William, B.Ec.	1949	Keynes, Doris Ruth, B.Sc.	1950
Kearnan, Joseph Reginald, LL.B.	1925	Keynes, Nanette Joan, B.A.	1943
Kearney, Bernard James, B.A.	1949	Khoo, Teng Joo, B.A.	1955
Kearney (nee Dorsch), Ida Margarete, B.A.	1926	†Khor, Teik Hean, Michael, B.E.	1959
Kearney, Josephine Agnes, B.A.	1952	†Kidd, Barrington Horace, B.D.S.	1959
Kearney, Margaret Patricia, M.B., B.S.	1955	Kidd, Rowland James, B.D.S.	1953
Keats, Arthur Lange, B.E.	1937	*Kiek, Edward Sidney, M.A. (Oxford, 1910)	1920
Kents, John Augustus, B.Sc.	1944	Kiek, Laurence Edward, M.A.	1949
Keats, Reynold Gilbert, B.Sc.	1948	Kiek, Sidney Noel, B.Sc.	1939
Keech, Donald Bruce, Ph.D. (B.Sc., 1953)	1958	Kiek, Winifred, M.A. (B.A., Man-chester, 1907)	1929
Keen, Ross Maxwell, B.E.	1954	Kies, Alick Andrew, B.A.	1938
Keeves, Andrew, B.Sc.	1951	Kildea, Mary Francis, B.A.	1940
Keeves, John Philip, B.Sc.	1945	Kilgariff, Joseph Thomas, B.E.	1942
Keeves, Margaret, B.A.	1944	Kilgariff, Ronald Desmond, B.Sc.	1948
Keipert, Leslie James, M.B., B.S.	1918	Killmier, Arthur Clifford, B.A.	1929
*Kekwick, Daintrey Ned, M.B., B.S.	1942	Kilmier, Betty Margaret, B.A.	1953
Kelley, William Brian, B.A.	1951	Kimber, Hugh Robert Reid, B.E.	1940
Kelly, Cecil James St. Leger, LL.B.	1924	†Kimber, Jennifer, B.A.	1959
Kelly, Ellen, B.A.	1923	Kimber, Pamela, B.A.	1947
Kelly, Eric Gordon, M.A.	1925	Kimber, Richard John, B.D.S.	1953
Kelly, Ernest James, B.A.	1952	Kimber, Ronald Walter Lincoln, B.Sc.	1956
Kelly, Francis, LL.B.	1906	Kindler, John Ernest M.E.	1930
Kelly, Francis Peter, LL.B.	1937	King, Brian Maxwell, B.E.	1956
Kelly, Gwenda Mary Christine, B.A.	1949	King, Colin George, B.D.S.	1938
Kelly, John Erwin, LL.B.	1936	King, Donald, M.Sc.	1950
Kelly, Michael, M.D. (M.B., B.S., 1928)	1945	King, Edwin George, B.A. (Western Australia, 1942)	1958
Kelly, Michael Lawrence, LL.B.	1928	King, Jack Naisbitt, M.A. (Cambridge, 1956)	1956
Kelly, Patrick Joseph, LL.B.	1924	King, Leonard James, LL.B.	1951
†Kelly, Peter Maurice St. Leger, LL.B.	1959	†Kinlough, Margaret Anne, M.B., B.S.	1958
†Kelly, Robert John, B.E.	1959	†Kinnaird, Malcolm Alexander, B.E.	1959
Kelly, Thomas Davis, M.S. (M.B., B.S., 1934)	1949	Kinnane, Kenneth James, B.D.S.	1952
*Kelly, Sir William Raymond, LL.B.	1920	Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eg.), 1943, surrendered)	1947
Kelman, Hilda, M.B., B.S.	1948	Kinnear, Andrew Munro, B.E.	1950
B.A. (Western Aust., 1943)	1949	Kinsman, Andrew Guise, B.E.	1954
†Kelsall, George Robert Henry, M.B., B.S.	1953	Kirby, David Bevan, M.B., B.S.	1951
Kelsey, Oswald Mortimer, B.E.	1938	Kirkby, Mary Maude, B.Sc.	1890
Kemp, Henry Kenneth, B.Ag.Sc.	1933	Kirkman, David Norton, M.B., B.S.	1947
Kendrew, George Harry, M.B., B.S.	1917	Kirkman, Edith Doreen, B.Sc.	1948
Kenihan, Raphael Leo, M.B., B.S.	1915	M.B., B.S.	1951
Kenihan, Robert Austin, M.B., B.S.	1946	Kirkman, Kenneth Hainsworth, LL.B.	1919
Kennare, Hugh Daly, B.D.S.	1950	Kirkman, Lawrence Hayworth, LL.B.	1949
Kennedy, Alan Duncan, B.A.	1952	Kirsten, Marcia Meymott, B.A. (Syd-ney, 1924)	1952
Kennedy, Alexander Lorimer, B.E.	1915	Kirwan, Colleen Joy, B.Sc.	1956
Kennedy, Desmond Anthony, M.B., B.S.	1955	Kissel, Thomas Alfred, B.A.	1954
Kennedy, Donald Edward, M.A. (Mel-bourne, 1952)	1957	†Kitchener, Martin John, B.E.	1957
†Kennedy, Geoffrey Sydney, B.Ag.Sc.	1958		
Kennedy, John Graham, B.E.	1952		

* Deceased.

† Not yet Members of the Senate.

Kitson, Mary Cecil, LL.B. - - - -	1916	Kuhlmann, Herman Frederick, M.B., B.S. - - - - -	1943
†Kitto, Rodney Keith, B.Tech. - - - -	1959	†Kulasingham, Lynn, B.A. - - - -	1959
Kiusalaas, Jaan, B.E. - - - -	1956	Kumnick, Donald Kerr, M.B., B.S. - - - -	1951
Klaebe, Robert John, B.D.S. - - - -	1955	†Kureczak, Henry, B.E. - - - -	1957
Klaebe, Ruth Adelaide, B.A. - - - -	1947	Kurtz, Clarence Norman, B.A. - - - -	1956
Klauss, Cynthia Beaumont, B.Sc. - - - -	1953	Kurusev, Tomas, Ph.D. (B.Sc., 1954)	1958
Kleeman, Alfred William, Ph.D. (M.Sc., 1935) - - - - -	1955	Kutcher, Raymond William Harold, B.E. - - - - -	1951
Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - -	1947	†Kuusk, Eda Renaate, M.B., B.S. - - - -	1958
Kleeman, Peter Wallace, B.E. - - - -	1951	†Kwok, Hae Leong, B.E. - - - -	1957
Kleeman, Reginald Theodore, B.E. - - - -	1923	Kwong, Sea Young, B.D.S. - - - -	1955
*Kleeman, William Hurtle, B.A. - - - -	1934	Kyd, Isabel Somerville, B.A. - - - -	1937
Kleemann, Colin Martin, B.E. - - - -	1939	Kyd, Margaret Florence, B.A. - - - -	1941
Klein, Robert, William, M.B., B.S. - - - -	1939	L	
Klein, Cyril Raymond, B.Ag.Sc. - - - -	1950	Lacey, John Salisbury, B.E. - - - -	1946
Kloeden, Louis Adolph, B.A. - - - -	1948	Ladd, Jeffrey Norman, M.Sc. - - - -	1955
Klose, Alfred Emil Johannes, B.A. - - - -	1915	Lade, Kathleen Beatrice, B.A. - - - -	1930
†Klose, Edwin Francis, B.Sc. - - - -	1959	Lade, Norman Edgar, M.A. (Mel- bourne, 1926) - - - - -	1937
Knapman, William Hamilton, B.Sc. - - - -	1951	Laffan, Anna Estelle, B.A. - - - -	1922
Knarhoi, Harry Hansen, M.B., B.S. - - - -	1956	Laffer, Leonard Hughes, B.Ag.Sc. - - - -	1934
Knauerhase (nee Kiek), Margaret Lucy, B.A. - - - - -	1934	†Lagzdins, Lia, B.A. - - - -	1957
Knauerhase, Oscar Carl, M.A. - - - -	1943	Lai, Mun Seng, M.B., B.S. - - - -	1956
Kneebone, Christopher Stephen, B.E. - - - -	1920	Laidlaw, Donald Hope, LL.B. - - - -	1949
Kneebone, Clive Stuart, M.B., B.S. - - - -	1951	Laidlaw, William Clarke, B.A. - - - -	1938
Kneebone, Garry Malcolm, M.B., B.S. - - - -	1953	Lake, Blair Hingston, B.D.S. - - - -	1950
Kneebone, John Henry, M.B., B.S. - - - -	1954	Lake, Robb Hingston, LL.B. - - - -	1939
Kneebone, John Keith, M.B., B.S. - - - -	1947	Lam, Lambert Teck Choon, M.B., B.S. - - - -	1955
Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911) - - - -	1921	Lamacraft, Kenneth Ronald, B.A. - - - -	1954
Kneebone, Nance Gordon, B.A. - - - -	1950	Lamborne, Maxwell Addison, B.A. - - - -	1953
†Knight, Edwin Walter, M.B., B.S. - - - -	1957	Lamey, Charles Sydney, B.A. - - - -	1932
*Knight, Percy Norwood, B.A. - - - -	1888	Lamey, Gwenyth Eugene, B.A. - - - -	1940
Knight, Ronald Barrington, M.B., B.S. - - - -	1933	Lampard, Dudley John, M.B., B.S. - - - -	1941
Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - -	1947	Lampe, Victor Leslie, B.A. - - - -	1919
†Knox, Peter Gordon, B.Tech. - - - -	1958	Lamphee, Allan Dunstan, M.B., B.S. - - - -	1924
Koch, Colin Barry, B.D.S. - - - -	1951	Lamphee, Catherine Elspeth, B.Sc. - - - -	1953
Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928) - - - -	1938	Lamshed, Albert Saville, B.A. - - - -	1950
Koehne, Ivan Harold, M.B., B.S. - - - -	1956	La Nauze, Barbara Burton, B.Sc. - - - -	1937
Koehne, Marjorie Evelyn, B.A. - - - -	1931	La Nauze, John Andrew, B.A. (Oxford, 1934) - - - - -	1935
†Koehne, Peter David, B.A. - - - -	1957	Lander, Harry, M.B., B.S. - - - -	1951
Koehne, Raymond Percy, B.A. - - - -	1932	*Lane, Annie, M.A. - - - -	1904
Koerber, Brian Walter, B.Sc. - - - -	1956	Lane, Douglas James, B.Sc. - - - -	1950
Koerner, Carl Frederick, M.E. - - - -	1933	†Lane, John Edgar, B.Sc. - - - -	1959
B.Sc. - - - - -	1928	Lang, Eric, M.E. - - - -	1930
Koerner, John Francis, B.E. - - - -	1924	†Lang, Graham Bruce, B.Sc. - - - -	1958
Kohler, Theodor George, M.B., B.S. - - - -	1946	Lang, Ian Philip, B.Sc. - - - -	1951
Kollosche, Harold Frank, M.B., B.S. - - - -	1915	Lang, Philip Roy, M.A. - - - -	1929
Koop, Eric John, B.E. - - - -	1949	Lang, Samuel Brambley, B.A. - - - -	1949
Koop, Peter Malcolm, M.B., B.S. - - - -	1949	Lang, Sydney Chapman, B.A. - - - -	1896
Korallis, Costa Agis, B.Sc. - - - -	1956	*Lang, William Holland, B.Sc. - - - -	1908
Korvnyk, Wsewolod, Ph.D. (B.Sc., 1953) - - - - -	1957	Langevad, Eric James, B.E. - - - -	1933
Kowanko, Nicholas, B.Sc. - - - -	1956	Langford-Smith, Trevor, M.Sc. (B.Sc., Sydney, 1940) - - - -	1942
Krantz, Kenneth David, M.B., B.S. - - - -	1941	Langridge, John Balcombe, Ph.D. - - - -	1956
Krantz, Roy, M.B., B.S. - - - -	1930	Langron, William Joseph, B.Sc. - - - -	1947
Krantz, Sydney, M.B., B.S. - - - -	1927	Langsford, Diana, B.A. - - - -	1948
Kranz, Murray Lyall, B.D.S. - - - -	1951	Langstaff, Lois, B.A. - - - -	1944
Krause, Malcolm Rex, B.Ag.Sc. - - - -	1947	†Lanyon, Richard Ian, B.E. - - - -	1958
Kretschmer, Gaynor Blanche, B.A. - - - -	1948	Lapidge, Jack Stanley, B.E. - - - -	1935
Krichauff, George Frederick, B.E. - - - -	1927	Laslett, George Nield, B.A. - - - -	1951
†Krichauff, Henry Stead, B.Ag.Sc. - - - -	1958	Laslett, Ian John, B.Sc. - - - -	1950
Krieg, Erwin Oswald, B.A. - - - -	1947	Last, John Murray, M.B., B.S. - - - -	1949
Krieg, Marcus Gustav, B.A. - - - -	1941	Last, Peter Murray, M.B., B.S. - - - -	1952
Kriehn, Adolf Oscar, M.A. - - - -	1926	Last, Raymond Jack, M.B., B.S. - - - -	1924
Kriewaldt, Martin Rudolf Chemnitz, B.A. (Wisconsin, 1922) - - - -	1923	Latz, Clement Victor, B.Sc. - - - -	1955
LL.B. - - - - -	1925	Laubsch, Colin Andrew, B.Sc. - - - -	1951
†Krishnan, Subramaniam Sivarama, M.B., B.S. - - - - -	1958	Laught, Keith Alexander, LL.B. - - - -	1927
Krockenberger, Bruno, B.E. - - - -	1956	Laughton, Frances Elizabeth, B.A. - - - -	1941
Kruger, James Morris, B.Sc. - - - -	1948	Laughton, Rosemary Pauline, B.A. - - - -	1945
Krumins, Dagmara Eleonora, B.D.S. - - - -	1954	Laurence, Joan Mary, B.A. - - - -	1935
Kryvoviava, Jaroslav, B.D.S. - - - -	1953	Laurie, John Buxton, B.E. - - - -	1955
†Kubacz, George John, M.B., B.S. - - - -	1959	Laver, John Poynton, B.E. - - - -	1952
Kuchel, Carl Wilhelm August, M.A. - - - -	1912	Lavis, David Milton, B.Sc. - - - -	1949
Kuchel, Clemens Carl, B.Sc. - - - -	1934	Lavis, John Frederic, M.D.S. - - - -	1954
Kuchel, Rex Harold, B.Sc. - - - -	1942	Law, Gertrude Teresa, M.A. - - - -	1924
Kuchel, Robert Erwin, B.Sc. - - - -	1947	Lawrence, Alfred Oscar Platt, B.Sc. - - - -	1928
†Kuhl, Dean Hasting, B.Sc. - - - -	1957	Lawrence, Bruce Ernest, M.B., B.S. - - - -	1927
		Lawrence, Gordon Ord, B.D.S. (Mel- bourne, 1922) - - - - -	1929
		D.D.Sc. - - - - -	1945
		Lawrence, James Roland, M.B., B.S. - - - -	1954

* Deceased.

† Not yet Members of the Senate.

†Lawrence, John Robert, B.E. - - -	1957	LePage, Patricia Nadeane, B.A. - - -	1956
†Lawrence, Margaret Evelyn, B.A. - - -	1959	LePage, Rex Newbury, B.Sc. - - -	1955
Lawrence, Robert, M.Sc. - - -	1958	Leske, Clive William, B.E. - - -	1950
Lawrence, Robert John, B.A. - - -	1953	Leske, David, M.B., B.S. - - -	1954
Lawrie, David Charles, B.Sc. - - -	1954	Leske, Elmore, B.A. - - -	1947
Lawrie, John Desmond, B.E. - - -	1954	Leske, Kenneth Berthold, B.Ag.Sc. -	1948
Lawry, Reginald Arthur, B.A. - - -	1943	Leslie (nee Sharman), Florence Mary, M.A. - - -	1919
Laws, Keith William, B.D.S. (Sydney, 1924) - - -	1925	Leslie, Jean, M.A. - - -	1932
†Lawson, Beverley Joy, B.Sc. - - -	1959	Leslie, Peter William, M.B., B.S. - -	1943
Lawson, Frederick Henry, B.Sc. - - -	1935	Leslie, Robert Bradshaw, B.Sc. - - -	1952
Lawson, Margaret Elaine, M.B., B.S. -	1955	Le Souef, John Dudley, M.B., B.S. - -	1948
Lawson, William Scott, M.B., B.S. - -	1954	Letcher, Herbert George, M.B., B.S. -	1927
Lawton, Graham Henry, M.A. (Ox- ford) - - -	1952	Levitt, Solomon, M.B., B.S. - - -	1950
Lawton, Peter, Alan, B.Sc. - - -	1950	Levy, Judith Anne Winstanley, B.Sc.	1956
Lawton, Ralph Stanley, B.A. - - -	1953	Levy, Rose Winstanley, LL.B. (Western Australia, 1941) - - -	1952
Laycock, Frederick John, M.B., B.S. -	1941	Lewcock (nee Orrock), Ena Beatrice Faith, B.A. - - -	1926
Laycock, Geoffrey Clifton, B.A. - - -	1952	Lewcock, Harry Kingsley, B.Sc. - - -	1923
Laycock, Margaret, B.A. - - -	1954	Lewis, Arthur Sangster, B.E. - - -	1930
†Lea, David Alexander Maclure, B.A. -	1958	Lewis, Sir Aubrey Julian, M.D. (M.B., B.S., 1923) - - -	1931
†Lea, John Francis Maclure, B.E. - - -	1957	Lewis, Basil Reece, B.Sc. - - -	1944
†Lea, Richard Henry Maclure, B.E. - -	1925	Lewis, Colin Hamilton, B.D.S. - - -	1943
Leach, Basil Wood, B.D.S. (Melbourne, 1920) - - -	1924	Lewis, David Alfred, B.Sc. - - -	1943
Leach, John Brian, B.D.S. - - -	1947	Lewis, David Gray, M.Sc. - - -	1957
Leach, Raymond Basil, B.D.S. - - -	1950	Lewis, Eric Henry, M.D. (M.B., B.S., 1906) - - -	1908
Leach, Robert William, B.A. - - -	1950	Lewis, Glen Arthur, B.E. - - -	1949
Leach, Ronald Hubert, M.Sc. - - -	1953	Lewis, Gordon John, B.E. - - -	1951
Leach, William Valentine, M.A. - - -	1923	Lewis, Graham Ethelbert, Ph.D. (B.Sc., 1950) - - -	1955
Leader, Haynes, LL.B. - - -	1926	Lewis, Irene Gwendoline, B.Sc. - - -	1907
Leak, Brian Hedley, B.A. - - -	1954	Lewis, John Aylward, M.B., B.S. - - -	1944
Leaney, Cecil John, M.B., B.S. - - -	1952	Lewis, Joseph Arthur, B.A. (Western Australia, 1934) - - -	1935
Leaney, Peter Anthony, M.B., B.S. - -	1954	Lewis, Keith Gray, B.Sc. - - -	1940
Leaney, Roy Kent, B.A. - - -	1947	Lewis, Keith William, B.E. - - -	1952
Leask, John Hunter, B.E. - - -	1928	Lewis, Kevin Joseph, B.D.S. - - -	1933
Leaver, Edward, LL.B. - - -	1928	Lewis, Leonard Arthur, B.Sc. - - -	1940
Leaver, Kenneth Batten, B.A. - - -	1942	Lewis, Mary, B.A. - - -	1949
Leaver, Sally Lucia Eulalie, B.Sc. - -	1956	Lewis, Norman Benjamin, B.Sc. - - -	1947
Leckie, Alexander Joseph, Mus.Bac. -	1913	†Lewis, Peter Alexander, B.E. - - -	1957
LeCornu, Colin George, B.A. - - -	1954	Lewis, Raymond Douglas, B.Sc. - - -	1939
Ledger, Gladys May, B.A. - - -	1912	B.A. - - -	1959
Ledger, William Henry, B.Sc. (B.E., Sydney, 1903) - - -	1906	Lewis, Reginald William Frederick, B.E. - - -	1925
Leditschke, Friedrich Berthold, M.B., B.S. - - -	1924	Lewis, Richard Owen, B.A. - - -	1951
†Leditschke, John Frederick, M.B., B.S. -	1957	Lewis, Robert Brook, B.Sc. (Melbourne, 1941) - - -	1947
Leditschke, Kathleen Dora, B.Sc. - - -	1956	B.A. - - -	1952
Leditschke (nee Bennier), Margaret Mary Caroline, B.A. - - -	1955	Lewis, Roy Newman, B.Sc. - - -	1945
†Lee, Chin Tiong, M.B., B.S. - - -	1957	Lewis, Stuart Hayes, M.B., B.S. - - -	1950
Lee, Chye Chow, M.B., B.S. - - -	1955	Leyland, Geoffrey Agar, M.B., B.S. -	1944
Lee, Frank Milton, B.A. - - -	1939	Liddy, Desmond Terence, B.Sc. - - -	1950
Lee, Heather Vivian, B.A. - - -	1947	Liddy, John Francis, B.E. - - -	1952
Lee, Hector John, M.Sc. - - -	1949	Liebig, Alvin Frederick, B.E. - - -	1940
†Lee, Kee Ching, B.E. - - -	1958	†Lieschke, Alister Headley, B.Sc. - -	1959
Lee, Kevin John, B.E. - - -	1954	Ligertwood, Sir George Coutts, B.A. LL.B. - - -	1908 1910
Lee, Kwok Ching, M.B., B.S. - - -	1955	Ligertwood, James Arthur, B.E. - - -	1950
Lee, Kwok Poh, B.D.S. - - -	1956	Ligertwood, Neil Coutts, LL.B. - - -	1948
Lee, Lance Maurice, LL.B. - - -	1956	Ligeti, Piroksa Magdolna, M.B., B.S. -	1954
Lee, Raymond Wilson, B.E. - - -	1954	Lilburn, William Embleton, B.E. - - -	1954
†Lee, Ronald Milton, B.Tech. - - -	1959	Lilburne, Geoffrey Douglas Roland, M.B., B.S. - - -	1949
Leidig, Ludwig Adolf Emanuel, M.A. -	1926	†Liljegren, David Roland, B.Sc. - - -	1959
Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935) - - -	1947	Lill, John Charles, B.E. - - -	1955
Leitch, Raymond John, M.B. B.S. - - -	1956	Lillecrapp, Douglas Arthur Julian, B.A.	1949
Lekias, Michael Simon, M.B., B.S. - -	1955	Lillywhite, Cuthbert, B.Sc. - - -	1899
LeLacheur, Hellier, B.A. - - -	1915	Lillywhite, John Wilson, B.Sc. - - -	1936
LeMaistre, Ray Mauger, B.A. - - -	1939	†Lim, Khaik Leang, B.Sc. - - -	1959
Lemcke, Vincent Andrew Howard, B.A.	1940	†Lim, Kwang Hua, B.E. - - -	1957
LeMessurier, David Hugh, B.Sc. - - -	1932	†Lim, Leong Geok, B.E. - - -	1959
LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913) - - -	1920	†Lim, Yong Peng, B.Ag.Sc. - - -	1957
†LeMessurier, Patricia Anne, B.A. - - -	1959	†Limbirt, Melville Louis, B.E. - - -	1934
LeMessurier, Robert Ernest, B.E. - - -	1949	†Limmer, Allan Noel, M.B., B.S. - - -	1959
Lemmey, Ford Prall, B.A. - - -	1951	Lindon, John Leonard Henry, M.B., B.S. - - -	1952
Lemon, Arnold William, LL.B. - - -	1936	Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919) - - -	1923
Lendon, Alan Harding, M.B., B.S. - -	1927		
Lendon, Elspeth Lockett, B.A. - - -	1950		
Lendon, Guy Austin, M.D. (M.B., B.S., 1917) - - -	1922		
Lennon, Vincent Francis Bennett, M.B., B.S. - - -	1930		
†Leonard, Ian Ferguson, M.B., B.S. - -	1959		
LePage, Keith Ernest, M.B., B.S. - - -	1952		

*Deceased.

†Not yet Members of the Senate.

McCarthy, Peter Paul, LL.B. - - - 1924	McInerney, Thomas Taylor, LL.B. - 1939
B.A. - - - - - 1923	†McInnes, Ian Donald, B.D.S. - - - 1957
McCartney, James Elvins, M.D. (Edin- burgh, 1922) - - - - - 1953	McIntosh, Gerald Alexander, M.B., B.S. 1944
McCloughry, Claude Lancelot, B.E. - 1926	McIntosh, Howie James, B.E. - - - 1927
McConnon, James, B.A. - - - - - 1925	MacIntosh, Ronald MacKenzie, M.B., B.S. - - - - - 1941
McCormack, Donald Douglas, M.B., B.S. - - - - - 1951	Mack, Douglas Urban Gilbert, B.A. - 1940
McCormick, Charles William Diehl, B.E. - - - - - 1953	Mack, Hans Hamilton, B.A. - - - 1880
McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922) - - - - - 1928	McKail (nee Boyer), Gertrude Mary, B.A. - - - - - 1912
McCoy, William Taylor, M.B., B.S. - 1956	Mackail, John William, LL.D. (Edin- burgh) - - - - - 1923
McCullough, Amy Margaret, B.A. - - 1942	MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924) - - - - - 1924
McDonald, Bruce Alexander, B.D.S. - 1951	McKay, Douglas Gordon, M.B., B.S. - 1927
McDonald, Colin Robert, B.Sc. - - - 1949	Mackay, Malcolm George, B.A. - - - 1947
*McDonald, Cyril George Hugh, B.E. (B.Sc., 1913, surrendered for B.E., 1917) - - - - - 1917	McKay, Malcolm William, B.A. - - - 1936
McDonald, Donald Stuart, B.A. - - - 1937	MacKay, Margaret Ethel, M.Sc. - - - 1938
McDonald, Gilbert Sherman, B.A. - 1930	McKay, Maureen Gordon, B.Sc. - - - 1949
McDonald, Heather Hunter, B.Sc. - - - 1949	McKay, Ronald George MacAlpine, M.B., B.S. - - - - - 1941
McDonald, Hugh Thomas, M.B., B.S. 1953	Mackay, Samuel Angus, B.Sc. - - - 1921
McDonald, John Gregory, M.B., B.S. - 1956	McKay, William Alfred, M.A. - - - 1937
McDonald, John Hunter, B.A. - - - 1934	McKechnie, Alan Francis Clark, B.E. - 1924
McDonald, Kenneth Duncan, B.Sc. - 1951	McKechnie, Elizabeth Lawson, B.A. - 1926
†McDonald, Margaret Doreen, B.Sc. - 1959	McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surren- dered) - - - - - 1948
Macdonald, Keith Alexander, LL.B. - 1932	McKellar, John Ralph, B.Sc. - - - 1956
McDonald, Percy William, B.A. - - - 1932	McKelvie, Donald, B.Sc. - - - - - 1953
McDonald, Peter Baker, B.A. - - - 1950	McKenna, Donald George, M.B., B.S. 1949
McDonald, Peter de Paul, B.D.S. - - - 1953	McKenna, Keith Patrick, M.B., B.S. - 1953
McDonald, Ross, LL.B. - - - - - 1913	McKenzie, Donald Keith, M.B., B.S. - 1927
†McDonnell, Desmond Leo, M.B., B.S. 1958	McKenzie, Jean, B.Sc. - - - - - 1954
McDonnell, Eileen Mary, B.A. - - - 1929	McKenzie, Mary, M.B., B.S. - - - 1946
McDonnell, Ellen Mary, B.A. - - - 1943	†McKenzie, Reginald Murray, B.Tech. 1958
McDougall, Elisabeth, B.A. - - - 1942	†McKie, David Graham, B.A. - - - 1958
McDougall, John, B.E. - - - - - 1943	Mackie, Dean Graham, M.B., B.S. - 1953
McDowall, Barry Patrick, B.Sc. - - - 1954	McKie, Duncan, Mus.Bac. - - - - 1938
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926) - - - - - 1948	Mackie, James Joseph, B.E. - - - 1953
McEachern, Morven, B.D.S. - - - - 1927	†McKinnon, Donald Campbell, M.B., B.S. - - - - - 1957
*McElligott, John, B.A. (Queensland, 1938) - - - - - 1940	McKinnon, George Clarence, B.Sc. - 1933
McEvoy, Aloysius John, B.A. - - - 1937	McKinnon, Heather Campbell, B.A. - 1952
McEvoy, Frances, B.Sc. - - - - - 1952	McKinnon, John Desmond, B.D.S. - - 1951
McEwan, Lena Elizabeth, M.B., B.S. - 1949	McKinnon, Robert Campbell, B.A. - - 1934
†McEwin, Adrian Gardner, B.Ec. - - - 1958	McKinnon, Robert Keith, B.E. - - - 1950
†McEwin (nee Marshall), Betty Waddell, B.Sc. - - - - - 1943	McKinnon, Ross Charles, M.B., B.S. - 1952
McEwin, John Neil, LL.B. - - - - - 1928	Macklin, Ellen Dulcie, M.Sc. - - - 1927
McEwin, Keith, M.B., B.S. - - - - 1912	Macklin, Laura Muriel Caterer, B.A. - 1934
McEwin, Roderick Gardner, M.B., B.S. 1944	Macklin, William Charles, M.Sc. - - - 1956
McFarlane, Alan, B.E. - - - - - 1953	†McLachlan, Margaret Elizabeth, LL.B. 1959
McFarlane, Eileen Dorothea, B.A. - - 1943	*Maclaren, Peter Patrick, B.A. - - - 1915
McFarlane, John Preiss, LL.B. - - - 1936	McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935) - - - - - 1947
McFarlane, Trevor Hector, LL.B. - - 1937	McLaughlin, Eric Enstone, LL.B. - - 1935
McFarlane, William Hector, B.Ag.Sc. 1942	McLaughlin, Eugene, M.B., B.S. - - 1922
McGee, Colin Raymond, B.Sc. - - - 1953	†McLaughlin, Moira Clare, B.Sc. - - 1957
McGee, John, LL.B. - - - - - 1922	McLay, Andrew Harold, B.A. - - - 1953
†McGee, Skaidrite, B.A. - - - - - 1959	McLean, Albert Eric, M.A. - - - - 1931
Macghey, Mary Veta, M.A. - - - - 1930	McLean, Dorothy Alice, B.A. - - - 1927
McGill, Ian Keith, M.A. - - - - - 1958	McLean, Ian Weymouth, B.Sc. - - - 1952
McGlashan, John Eric, M.B., B.S. - 1909	McLean, Murray Colin, B.A. - - - 1949
McGlashan, John Gardner, M.B., B.S. 1942	McLean, Reginald Alexander, B.A. - - 1932
McGlashan (nee Gardner), Mary Beatrice, B.A. - - - - - 1909	McLean, Sibeley Jean, M.Sc. - - - 1951
McGlasson, William Barry, B.Ag.Sc. - 1951	McLeay, Colin James, M.B., B.S. - 1956
McGlew, Phyllis Dorothy, M.B., B.S. - 1918	McLeay, Donald Barton, M.B., B.S. - 1947
McGovern, Thomas Henry, LL.B. - - - 1951	McLeay, Helen Mary, B.A. - - - - 1950
McGowan, George Murray, B.A. - - - 1938	†McLennan, Heather Margaret, B.Sc. - 1958
McGowan, Norman Leslie, B.E. - - - 1950	MacLennan, James Sydney Kilcoy, LL.B. - - - - - 1906
†McGowran, Brian, B.Sc. - - - - - 1957	McLeod, Allan John, B.Sc. - - - - 1939
McGowran, Myris Irene, B.A. - - - 1954	McLeod, Douglas Burton, LL.B. - - 1952
McGrath, Ivan Stanley, B.D.S. - - - 1946	McLoughlin, Vincent Patrick, B.A. - 1949
McGrath, James Patrick, B.A. - - - 1955	McMahon, Francis Leslie, B.Ec. - - 1951
McGrath, Kelvin Paul, B.Sc. - - - - 1950	Macmahon, Brian Blackwell, B.E. (In- terim B.Sc. (Eng.), 1947, surren- dered) - - - - - 1948
McGregor, Gordon Thompson, B.A. - 1950	McManus, John Bernard, B.Sc. - - - 1954
McGuire, Anthony, B.A. - - - - - 1955	McMichael, David Clunie, B.E. (In- terim B.Sc. (Eng.), 1942, surren- dered) - - - - - 1944
Machell, John Edward Lewis, B.Sc. - 1948	McMichael, Kenneth Price, B.E. - - 1950
Machin, George Herbert, B.E. - - - - 1934	
Machlin, Simon, M.B., B.S. - - - - 1952	
McHugh, Edward Charles, LL.B. - - - 1948	
†McInerney, Brian Thomas, B.Tech. - 1959	
McInerney, Thomas John, B.Sc. - - - 1949	

* Deceased. † Not yet Members of the Senate.

McMillan, James William, M.B., B.S.	1952	Main, Arthur Charles, B.E.	1926
McMillan, Raymond, B.E.	1949	Mainstone, John Sydney, Ph.D. (B.Sc., 1954)	1959
McMillan, Stanley Lyall, B.Sc.	1949	Maitland, James Angus, LL.B.	1932
B.A.	1959	†Mak, Kai Tye, B.E.	1957
McMutrie, Alan Ian, B.A.	1985	Makin, Frank Humphrey, M.B. (Melbourne, 1901)	1906
°McMutrie, Colin, B.A.	1925	Mallan, James Michael, B.D.S.	1927
†McMutrie, Ian Hugh, B.Sc.	1958	Mallen, Arthur Lindsay, M.E.	1958
McMutrie, Winifred Joan, B.A.	1935	Mallen, Leonard Ross, M.B., B.S.	1925
McNally, John Neilson, B.Sc.	1953	Mallyon, Rebecca Oakley Kingsnorth, B.A.	1943
McNamara, Agnes, B.A.	1937	†Malone, Bruce Edward Frederick, B.Tech	1959
McNeil, Ian (formerly John), M.B., B.S.	1918	Maloney, Joan, B.A.	1951
McNeil, Philippa Florence, B.A.	1952	Maloney, Martin James, B.E.	1928
McNicol, David Williamson, B.A.	1937	Maloney, Vernon Thomas Steven, B.Sc.	1929
McNicol, John Howard, B.Sc.	1953	Mander, Linden Alfred, M.A.	1920
McPhartlin, Alison Tudor, B.A.	1952	Mander, Suzanne Flora, B.Sc.	1949
McPhartlin, Deane, B.Sc.	1945	Manea, Ernest Cosmo, M.B., B.S.	1949
†McPheat, Ian William, B.E.	1957	Manea, Spero, M.B., B.S.	1952
†McPheat, Leslie John, B.E.	1957	Manassis, Peter Christopher, M.B., B.S.	1952
†McPhee, Brian, B.Ec.	1959	†Mangan, John Arthur, LL.B.	1957
McPherson, Alexander Owen, B.Sc.	1926	*Mangan, John Arthur Leslie, LL.B.	1927
M.A.	1933	†Mann, Airdrie Jean, B.A.	1958
McPherson, Margaret Helen, B.A.	1951	Mann, Edward Thomas, B.E.	1953
McPherson, Mary, B.A.	1947	Mann, Gertrude Irene, B.A.	1919
Maepherston, Reginald Murray, B.A.	1947	†Mann, William Eric, M.B., B.S.	1958
Maepherston, Shirley Helen, B.A.	1941	Mannes, Sylvester Joseph, B.A.	1938
McPhie, Jean Elsbeth, B.Sc.	1945	†Manning, Kathleen Anne, M.B., B.S.	1958
McPhie, John Milroy, M.D. (M.B., B.S., 1942)	1957	Manoel, Eva Mary, B.A.	1938
McQuade, Joseph Aloysius, M.B., B.S.	1956	Mansbridge, Harold Edgar, B.Sc.	1949
McQueen, George Hugh, M.B., B.S. (Melbourne)	1947	Mansfield, Eric William, B.E.	1950
McRobert, Helen Angus, M.B., B.S.	1949	Mansfield, William Walladge, B.Sc.	1943
MacSkimming, Walt Ronald Ascot, B.A.	1950	†Manson, James Ian, M.B., B.S.	1958
McWhae, Douglas Hope, M.B., B.S.	1945	Manthorpe, Thomas Dion, M.B., B.S.	1951
Maddeford, Sheila Lamont, LL.B.	1927	Manuel, Deane James Hubert, B.Ec.	1950
°Maddern, Cecil Boase, D.D.Sc. (B.D.S., 1924)	1926	B.A.	1959
Maddern, Cecil Pomeroy, B.D.S.	1951	Manuel, James Douglas, B.A.	1944
Maddern, John Pearce, M.B., B.S.	1948	Marcus, Irving, M.B., B.S.	1951
Maddern, Martin Randall Foss, B.A.	1937	Mares, Francis Hugh, B.A. (B.Litt., Oxford, 1954)	1958
Maddern, Max Wilfred, B.Sc.	1953	†Marinkovich, Nevin John, M.B., B.S.	1958
Madge, Paul Edward, Ph.D. (M.Ag.Sc., 1953)	1956	Marinos, Nicos George, Ph.D.	1958
Madigan, Claire Phyllis, M.Sc.	1951	Marker, William Herman, B.E.	1949
Madigan, David Cecil, B.Sc.	1937	Markey, Gregory Barton, M.B., B.S.	1953
Madigan, James Francis, B.E.	1952	Markham, Neville Lawrence, B.Sc.	1952
Madigan, Michael Roebourne, M.B., B.S.	1952	Marks, Monica Mary, B.A.	1956
B.Sc.	1953	Marlow, Alfred Dudley Roy, B.Sc.	1938
Madigan, Paul Edward, LL.B.	1922	Marmion, Robert James, B.Sc.	1918
Madigan, Russel Tullie, M.E.	1957	Marriner, Frank Wilfred, B.Sc.	1949
Madison, Thomas Glover, M.B., B.S.	1946	Marriott, John Edward, B.D.S.	1951
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900)	1901	†Marriott, Valmai Dawn, B.A.	1959
D.Sc.	1907	Marsh, Charles William, B.E.	1950
Maegraith, Brian Gilmore, M.B., B.S.	1930	Marsh, John Albert, B.Sc.	1952
Maelzer, Derek Alan, Ph.D.	1958	†Marsh, Judith Irene, B.Sc.	1958
Maerschel, Barbara, B.A.	1951	†Marshall, Allan George, B.Tech.	1959
Magarey, Alexander Roy, M.B., B.S.	1941	Marshall, Annie, M.Sc. (Melbourne, 1930)	1954
Magarey, Ashley Henderson, LL.B.	1938	Marshall, Herbert Edmund, B.A.	1940
M.B., B.S.	1940	Marshall, Lyle Gordon, B.E.	1956
Magarey, Brian Attiwill, LL.B.	1946	Marshall, Janette Ruth Watson, M.B., B.S.	1953
Magarey, Frank Rees, M.D. (M.B., B.S., 1935)	1941	Marshall, Theo John, M.Ag.Sc.	1933
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927)	1939	Marshman, Ashley Mead, B.A.	1936
Magarey, James Rupert, M.S. (M.B., B.S., 1938)	1951	*Marshman, Ian, M.B., B.S.	1953
Magarey, Katherine Ashley, B.Sc.	1949	Marshman, Wesley Melvyn Tiller, B.D.S.	1924
Magarey, Kathleen de Brett, B.A.	1921	Marston, Colin Frederick, B.E.	1951
B.Sc.	1932	Marston, Hedley Ralph, D.Sc. (Australian National University, 1957)	1959
Magarey, Kevin Barry, B.A.	1950	Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912)	1913
Magarey, Paul Robertson, B.E.	1952	Martin, Alfred Irwin, B.E.	1928
Magarey, Robert Richmond, M.B., B.S.	1951	Martin, Alfred William, B.A.	1950
Magarey, Rupert Eric, M.B., B.S.	1904	Martin, Amalia Anna, B.A.	1930
Magor, Clifford James, M.A.	1932	Martin, Arthur Bruce, M.B., B.S.	1956
Magor, Irvine Frank, B.A.	1938	Martin, Bernice Wilma, B.A.	1945
Magor, Margaret Elizabeth, B.A.	1955	Martin, Beryl Claire, B.A.	1952
Maguire, John Charles, B.A.	1941	†Martin, Bruce Bamford, B.Sc.	1957
Maguire, Maurice Glen, M.B., B.S.	1953	Martin, Bruce Peter, B.E.	1954
†Maher, John George, LL.B.	1958	Martin, Charles Burton, B.A. (Boston, 1948)	1954
Maiden, Leslie Carrington, B.D.S.	1924		

° Deceased.

† Not yet Members of the Senate.

Martin, Sir Charles James, D.Sc. (London, 1896) - - - - -	1931	†May, John Colwyn, M.B., B.S. - - -	1958
Martin, David Elwes, B.E. - - - - -	1947	May, John Wilhelm, M.Sc. - - - - -	1956
Martin, David Montgomerie, B.Sc. (Eng.) - - - - -	1945	May, Lancelot Harris, B.Sc. - - - - -	1949
Martin, Donald Leslie, B.E. - - - - -	1956	May, Leonard Seymour, B.Sc. - - - - -	1926
Martin, Frederick Clarence, M.A. - - - - -	1932	May, Rolland George, Mus.Bac. - - - - -	1939
Martin, Helene Alice, B.Sc. - - - - -	1954	†Mayfield, John Maxwell, B.Sc. - - - - -	1958
Martin, Ian Holland, M.D. (M.B., B.S., 1942) - - - - -	1952	†Mayfield, Phillip, B.A. - - - - -	1959
Martin, John Claude, LL.B. - - - - -	1905	Maynard, Donald Archer Scott, B.Sc. B.A. - - - - -	1945
Martin, John Gerald, B.E. - - - - -	1955	Mayne, Robert John Bruce, M.A. (New Zealand, 1926) - - - - -	1937
Martin, Jeanne Mary, B.A. - - - - -	1953	Mayo, Clarice Elton, B.A. - - - - -	1935
Martin, Keith George, B.Sc. - - - - -	1952	*Mayo, George Elton, M.A. - - - - -	1926
Martin, Lincoln William, M.B., B.S. - - - - -	1931	Mayo, George Melrose Elton, Ph.D. (B.Ag.Sc., 1945) - - - - -	1957
Martin, Maurice Leon, B.Sc. - - - - -	1945	Mayo, Helen Mary, M.D. (M.B., B.S., 1902) - - - - -	1926
Martin, Patrick Lawrence, B.D.S. - - - - -	1954	Mayo, Sir Herbert, LL.B. - - - - -	1909
Martin, Peter Gordon, Ph.D. (B.Sc., 1953) - - - - -	1957	*Mayo, John Christian, M.D. (M.B., B.S., 1913) - - - - -	1946
Martin, Ralph Keith, B.A. - - - - -	1947	Mayo, Mary Penelope, M.A. - - - - -	1937
Martin, Stanley Bamford, M.B., B.S. - - - - -	1946	Mead, Dorothy, B.A. - - - - -	1927
Martin, Trevor Wallis, B.D.S. - - - - -	1950	Mead, John William, B.Ec. - - - - -	1950
Martin, Walter Raymond, B.A. - - - - -	1938	Mead, Marjory, B.A. - - - - -	1933
Martin, William Thomas, B.A. - - - - -	1914	Meadows, Arthur Wilkes, Ph.D. (London, 1951) - - - - -	1955
†Marzo, Leo Alfred, M.B., B.S. - - - - -	1957	Menker, Arthur Reginald, B.A. - - - - -	1940
Maschmedt, Zillah Daisy, M.A. - - - - -	1947	Meaney, Maxwell Francis, B.Sc. - - - - -	1950
Maslen, Grant Lewis, B.E. - - - - -	1955	Meaney, Neville Kingsley, M.A. - - - - -	1956
Mason, Bruce, B.Sc. - - - - -	1938	Measday, Ellen May, B.A. - - - - -	1940
†Mason, Edith Kathleen Lillian, B.Sc. - - - - -	1959	Measday, Jack William, B.E. - - - - -	1948
Mason, Robert Claud, B.Sc. - - - - -	1951	†Medlin, Brian Herbert, B.A. - - - - -	1959
†Masters, Bernard Lincoln, B.A. - - - - -	1959	Medlin, Edwin Harry, Ph.D. (B.Sc., 1949) - - - - -	1956
Materne, Desmond Eric, B.A. - - - - -	1956	Medlow, David, B.Sc. (Eng.) - - - - -	1944
Materne, Maurice Ernest, M.B., B.S. - - - - -	1956	Medwell, John Gordon, B.A. - - - - -	1952
Materne (nee Kohlhaagen), Myra Audrey B.Sc. - - - - -	1955	Meiers, John Maurus, B.A. - - - - -	1937
Mather, Keith Benson, B.Sc. (Eng.) - - - - -	1942	Melbourne, Henry Eoin Sydney, B.E. - - - - -	1920
M.Sc. - - - - -	1944	Melbourne, John Clifford, B.E. - - - - -	1952
Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - - - -	1948	Melbourne, William Henry John, B.A. - - - - -	1949
Matheson, Pamela, B.Sc. - - - - -	1949	Meldrum, Brian Reginald, M.B., B.S. - - - - -	1953
Matheson, Roderick Grant, LL.B. - - - - -	1952	Meldrum, Edgar Albert, B.D.S. (Sydney, 1924) - - - - -	1925
Matheson, William Edmund, B.Ag.Sc. - - - - -	1952	Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge) - - - - -	1951
Mathews, David Stanley, B.Sc. - - - - -	1938	Mellor, Geoffrey Lloyd, M.B., B.S. - - - - -	1947
B.A. - - - - -	1940	Mellor, Thomas Reginald, LL.B. - - - - -	1920
Mathews, Kenneth Elliott, B.E. - - - - -	1953	Mellows, Peter Ernest, M.B., B.S. - - - - -	1947
Mathews, Russell Lloyd, B.Ec. (B.Com., Melbourne, 1950) - - - - -	1953	Melville, James, Ph.D. (London, 1934) - - - - -	1956
Mathias, Brian Morgan, B.E. - - - - -	1952	†Melville, John Howard, LL.B. - - - - -	1959
Mathieson, Marjorie Jean, Ph.D. (Cambridge, 1950) - - - - -	1954	*Melville, Sidney John, LL.B. - - - - -	1921
Matters, Horace John, B.A. - - - - -	1950	Melvin, Geoffrey Ronald, M.B., B.S. - - - - -	1954
Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916) - - - - -	1929	†Melvin, Maxwell Victor, B.A. - - - - -	1958
M.S. - - - - -	1935	Menadue, John Laurence, B.Ec. - - - - -	1956
†Matthew, Evelyn Maime, B.Sc. - - - - -	1957	Menear, Ira, B.A. - - - - -	1927
Matthew, Ian George, B.Sc. - - - - -	1954	B.Ec. - - - - -	1955
B.E. - - - - -	1956	†Menear, Yvonne, M.B., B.S. - - - - -	1957
†Matthews, Brian Wesley, B.Sc. - - - - -	1959	*Menz, Anna Magdalene Augusta, B.A. - - - - -	1918
Matthews, Gladys Mary Palmer, LL.B. - - - - -	1935	Menz, Emmi Margarete, B.A. - - - - -	1932
Matthews, Harold Pfaum, B.E. - - - - -	1927	Menz, William John, B.Ec. - - - - -	1948
Matthews, Maurice John, M.B., B.S. - - - - -	1944	Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - -	1947
Matthews, Richard Trahair, B.A. - - - - -	1941	†Mercer, Donald James, B.E. - - - - -	1957
Matthews, Richard Twitchell, B.A. (London, 1883) - - - - -	1884	Mercer, Edgar Howard, B.Sc. - - - - -	1935
Matthews, Robert Stephen, B.Sc. - - - - -	1948	Mercer, Frank Verdun, B.Sc. - - - - -	1942
Mattingley, Brian John, B.A. (Tasmania, 1937) - - - - -	1938	†Merchant, David John, Mus.Bac. - - - - -	1959
Mattner, Ivy Ida, B.A. - - - - -	1948	Merity, John Patrick, LL.B. - - - - -	1952
Mattner, Philip Edward, B.Ag.Sc. - - - - -	1949	Merrett, James Laurence, B.Sc. - - - - -	1949
Mattner, Richard Hocking, B.E. - - - - -	1952	Mertin, Jack Victor, B.Ag.Sc. - - - - -	1944
Matulich, Ross Noel, LL.B. - - - - -	1950	Messel, Harry, Ph.D. (National University, Ireland) - - - - -	1952
†Matz, Leonard Raymond, M.B., B.S. - - - - -	1958	Messent, Esther Mary, B.A. - - - - -	1928
Mauger, Alan Harris, M.B., B.S. - - - - -	1955	Messent, Keith Santo, B.E. - - - - -	1920
Mawby, Olga Gates, B.A. - - - - -	1922	Messent, Sir Philip Santo, M.S. (M.B., B.S., 1918) - - - - -	1923
*Mawson, Sir Douglas, D.Sc. (B.Sc., Sydney, 1901) - - - - -	1909	Messent, Philip William Santo, M.B., B.S. - - - - -	1954
Mawson, Jessica Quita, B.Sc. - - - - -	1939	†Mestrov, Thomas John, M.B., B.S. - - - - -	1959
Mawson, Patricia Marietje, M.Sc. - - - - -	1938	Meyer, Heinrich Carl, B.Sc. - - - - -	1932
May, Dorothy Mary, B.A. - - - - -	1938	Meyer, Richard, Leo, B.A. - - - - -	1953
†May, Geoffrey Ernest, B.Ec. - - - - -	1957	Michael, James Henry, Ph.D. (M.Sc., 1953) - - - - -	1957
†May, James Richard, B.E. - - - - -	1958	Michael, Maxwell Roy, B.E. - - - - -	1951
		Michael, Peter William, Ph.D. (B.Ag.Sc., 1951) - - - - -	1959

* Deceased.

† Not yet Members of the Senate.

Michell, Charles Francis, M.B., B.S. - - - -	1921	Mitchell, Helen Margaret, B.Sc. - - - -	1952
†Michell, Meredith June, B.A. - - - -	1958	†Mitchell, Ian Vaughan, B.Sc. - - - -	1959
Michell, Mignon Norma Howard, B.A. - - - -	1944	Mitchell, John Turnbull, B.Ec. - - - -	1953
Michelmores, Walter Maxfield, B.Sc. - - - -	1941	Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - -	1948
†Mickan, Bruce Valentine, B.Ec. - - - -	1959	Mitchell, Sir Mark Ledingham, B.Sc. - - - -	1923
Mickan, Erwin Laurence, B.Sc. - - - -	1956	Mitchell, Noel John, M.B., B.S. - - - -	1956
†Mickan, John Herbert, M.B., B.S. - - - -	1952	Mitchell, Percival Harris, B.A. - - - -	1906
Middleton, Melville John William, B.A. - - - -	1941	†Mitchell, Peter, B.Sc. - - - -	1959
Middleton, William Thomas Steele, B.Sc. - - - -	1947	Mitchell, Roma Flinders, LL.B. - - - -	1934
Mierisch, Robert Johnston, M.E. - - - -	1957	†Mitchell, Terrence John, B.A. - - - -	1957
Miethke, Adelaide Laetitia, B.A. - - - -	1924	Mitchell, Thomas Oliver, B.Ag.Sc. - - - -	1933
Mikuzis, Jonas, M.B., B.S. - - - -	1954	Mitchell, Sir William, M.A. (Edinburgh, 1886) - - - -	1895
Milazzo, Clare Cecelia, B.A. - - - -	1952	Mitchell, William Robert, B.E. - - - -	1950
Milazzo, Stephen Charles, M.B., B.S. - - - -	1949	Mitchell, William Russell, B.E. - - - -	1948
Mildren, Mary Louise, B.A. - - - -	1955	Mitchell, Zonne Marion, B.A. - - - -	1956
†Mildren, Michael John, B.E. - - - -	1959	Mitt, Hugo, B.E. - - - -	1955
†Milencewicz, Witalius, M.B., B.S. - - - -	1959	Mitton, Jennifer Jean, B.A. - - - -	1956
Miles, John Arthur Reginald, M.D. (Cambridge, 1951) - - - -	1953	Mitton, Ronald Gladstone, M.Sc. - - - -	1928
Miles, Peter Wallace, Ph.D. (Cambridge, 1957) - - - -	1959	Mizon, Errol Alfred, B.Sc. - - - -	1948
Miles, Perry Ambrose, M.Sc. - - - -	1951	Moffat, Dorothy Joan, B.A. - - - -	1944
Milesi, Angelo John, B.Sc. - - - -	1927	Moffat, May Josephine, M.B., B.S. - - - -	1911
Mill, James Crowe Davidson, M.B., B.S. - - - -	1953	Moffatt, Betty Josephine Margaret Douglas, B.A. - - - -	1946
Millard, Colin, B.Ec. - - - -	1950	LL.B. - - - -	1947
Miller, Annie Rose, B.A. - - - -	1934	Moffatt, Cathie Douglas, M.B., B.S. - - - -	1953
Miller, Beryl Jessica, B.A. (Tasmania, 1923) - - - -	1924	†Moffatt, Graeme Gilbert, B.Ec. - - - -	1957
†Miller, Ian Charles, M.B., B.S. - - - -	1958	Moffatt, Jeannie May Douglas, M.B., B.S. - - - -	1953
Miller, Ian Lindemann, M.B., B.S. - - - -	1938	Moffitt, Richard Barry, B.E. - - - -	1952
Miller, John Keatley, M.B., B.S. - - - -	1955	Mofflin, Lionel Hugh, M.B., B.S. - - - -	1948
†Miller, John Milton, M.B., B.S. - - - -	1957	Mohr, Robert Finely, LL.B. - - - -	1953
Miller, Joseph Brendan, B.E. - - - -	1951	Molineux, Marion Ruth, B.A. - - - -	1954
Miller, Justin Herbert, M.B., B.S. - - - -	1954	Molineux, Ronald Eugene, B.E. - - - -	1947
Miller, Leslie Gordon, M.B., B.S. - - - -	1949	†Moller, William John, B.Ag.Sc. - - - -	1959
Miller, Malcolm William, M.B., B.S. - - - -	1932	Molloy, Raymond Brian, B.A. - - - -	1950
Miller, Margaret Una, B.A. - - - -	1928	Moncrieff, Josephine Hartley, B.A. - - - -	1911
Miller, Peter Geoffrey, B.Sc. - - - -	1952	Moncrieff, Mary Kathleen, B.A. - - - -	1910
Miller, Raymond Orlando Maurice, B.A. - - - -	1905	Moncrieff, Rostrevor Brooke, M.B., B.S. - - - -	1952
Miller, Robert Lionel, B.Sc. - - - -	1942	Monfries, John William Elliott, B.D.S. - - - -	1924
M.B., B.S. - - - -	1947	Mongan, Horace John, B.E. - - - -	1918
Miller, Victor John, B.E. - - - -	1952	†Monro, John Malcolm, Ph.D. - - - -	1959
Millerd, Alison Adele, Ph.D. (Sydney, 1953) - - - -	1959	Montgomery, Albert, M.B., B.S. - - - -	1955
Millhouse, Glenn, B.D.S. - - - -	1948	Moodie, Colin Troup, LL.B. - - - -	1934
Millhouse, Robin Rhodes, LL.B. - - - -	1951	Moodie, Robert Beresford, LL.B. - - - -	1931
Millhouse, Vivian Rhodes, LL.B. - - - -	1939	†Moorcroft, Edward, B.Sc. - - - -	1959
Milligan, Brian (B.Sc., 1952), Ph.D. - - - -	1956	Moore, Alan Walter, B.Ag.Sc. - - - -	1948
Millington, Richard James, Ph.D. (M.Sc., Sydney, 1951) - - - -	1958	Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921) - - - -	1926
Mills, Barbara Joyce, B.A. - - - -	1938	Moore, Cecily Anne, B.A. - - - -	1954
Mills, Bessie Heather, B.A. - - - -	1952	†Moore, Colin Eugene, M.B., B.S. - - - -	1959
Mills, Dorothy Nell, B.A. - - - -	1928	Moore, Donald Rex, B.Sc. - - - -	1922
Mills, Eric Baxter, B.E. - - - -	1929	Moore, George Douglas, B.Sc. - - - -	1904
Mills, John Archer, M.Sc. - - - -	1944	Moore, Harold Robinson, M.B., B.S. - - - -	1945
Mills, John Brabyn, B.Sc. - - - -	1936	Moore, Humphrey Owen, B.Sc. - - - -	1932
Mills, John Murray, B.A. - - - -	1952	†Moore, John Lewis, M.B., B.S. - - - -	1957
Mills, John Scott, B.E. - - - -	1955	Moore, Kevin Reading, B.D.S. - - - -	1951
†Mills, Kingsley John, B.Sc. - - - -	1959	Moore, Max Clifford, M.B., B.S. - - - -	1946
Milne, Annie Johnson, B.A. - - - -	1936	Moore, Murray Ira, B.E. - - - -	1956
Milne, Kenneth Harvey, B.E. - - - -	1925	Moore, Phyllis Mary, B.A. - - - -	1909
Milne, Kevin Fowler, M.B., B.S. - - - -	1951	Moore, Robert Brian, B.Sc. - - - -	1950
†Milner, Bryan John, B.Sc. - - - -	1959	Moore, Robert Clifton, B.A. - - - -	1956
Milner, Desmond Walter, B.E. - - - -	1936	†Moore, Robert Waters, B.Ag.Sc. - - - -	1957
Milton, Bernard Eric, M.Sc. (B.Sc., 1954) - - - -	1959	Morad, Ahmad Bin, M.B., B.S. - - - -	1954
Milton, Gerald White, M.B., B.S. - - - -	1947	Moran, Francis Brian, LL.B. - - - -	1948
†Milton, Henry Richard, B.E. - - - -	1958	Moran, John Francis, B.D.S. - - - -	1941
Minahan, Agnes Cecelia, M.A. - - - -	1933	Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - -	1947
Minson, Charles Stanley, B.Ec. - - - -	1939	Morcom, Ross George, B.E. - - - -	1955
†Miocevich, Leonard Stephen James, M.B., B.S. - - - -	1958	More, William St. Barbe, B.Sc. (Western Australia, 1922) - - - -	1947
Miraglia, Carlotta Rosina, B.A. - - - -	1953	Moreland, Jack, M.B., B.S. - - - -	1926
Misson, Patrick William, M.B., B.S. - - - -	1956	Morey, Bernard Spondley, B.Sc. - - - -	1950
Mitchell, Albert Leonard, B.A. - - - -	1956	Morey, Geoffrey Wilson, M.B., B.S. - - - -	1926
Mitchell, Betty Dawn, B.A. - - - -	1947	Morgan, David Archibald Stevenson, M.B., B.S. - - - -	1943
Mitchell, Donald Thomas, B.E. - - - -	1930	Morgan, Edward James Ranembe, LL.B. - - - -	1920
*Mitchell, Ernest Edwin, Mus.Bac - - - -	1923	Morgan, Eric Desmond, B.D.S. - - - -	1948
Mitchell, Frank Wyndham, B.Sc. - - - -	1927	Morgan, Furness David, Ph.D. (California, 1956) - - - -	1959
B.A. - - - -	1933		
M.A. (Ph.D., Lond., 1937) - - - -	1943		
Mitchell, Geoffrey George, M.Sc. - - - -	1951		
Mitchell, George Thomas Jeffrey, M.A. - - - -	1932		

* Deceased.

† Not vet Members of the Senate.

†Nayda, Mervin Lawrence, B.Tech. - - - - 1958	Nilsson, Neil Alfred, Ph.D. (M.A., 1955) - - - - 1959
Naylor, John Colenso, LL.B. - - - - 1923	Nilsson, Reginald Hakan, B.Ec. - - - - 1944
Naylor, Margaret Mary Jessie Darnley, B.A. - - - - 1920	†Ninnes, Alan Herbert, B.Sc. - - - - 1957
Naylor, Rupert Leslie, M.B., B.S. - - - - 1924	Ninnes, Arthur Reginald, B.A. - - - - 1943
Neale, Arthur, M.B., B.S. - - - - 1952	†Ninnes, Patricia O'Moore, B.A. - - - - 1957
Neale, Nancy Gwyneth, M.Sc. - - - - 1945	Nitschke, John Edwin, B.E. - - - - 1949
Neale, Shirley Margaret, B.Sc. - - - - 1946	†Nixon, Valerie Collette, B.A. - - - - 1957
Neck, Maurice Allan, B.E. - - - - 1950	Noack, Charles Hugh, M.B., B.S. - - - - 1941
Neely, Mary Boyd Woodburn, B.A. - - - - 1953	†Noack, Peter John, B.Tech. - - - - 1958
†Neely, Mervyn George, M.B., B.S. - - - - 1957	Noall (nee Piercy), Olive Edriss, B.A. - - - - 1935
Neighbour, Keith, B.E. - - - - 1952	Nobbs, Jack McKay, M.Sc. - - - - 1951
Nelligan, Joseph William, LL.B. - - - - 1921	Nobbs, William David, LL.B. - - - - 1949
Nelson, Archibald John Alexander, B.A. - - - - 1938	Nobes, Edith Dorothy, B.Sc. - - - - 1921
Nelson, Cynthia, B.A. - - - - 1945	Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - 1948
Nelson, James Angus, B.E. - - - - 1949	†Noble, Elaine Kay, B.Sc. - - - - 1958
Nelson, William Barton, B.E. - - - - 1924	†Noble, Geoffrey Robert, LL.B. - - - - 1958
Neenke, Robert Leonard, B.E. - - - - 1955	Noble, George Grant, LL.B. - - - - 1937
Nerlich, Graham Charles, M.A. - - - - 1957	Noblett, David John, B.E. - - - - 1950
Nettle, Richard William, B.E. - - - - 1941	Noblett, Hedley Lindsay, B.A. - - - - 1926
†Nettle, Robert James, M.B., B.S. - - - - 1958	†Noblett, Max Hadden, B.A. - - - - 1957
Neuling, Herman James, B.E. - - - - 1937	Nogare, Ronald Raphael Dalle, B.Sc. - - - - 1953
Neuenkirchen, George Murray, B.E. - - - - 1947	†Nolte, Bryan Trevor, B.E. - - - - 1957
Neuenkirchen, John Basil, B.E. - - - - 1953	Noltinius, Harry Edward, B.A. - - - - 1902
Neville, Margaret Elisabeth Susan, Ph.D. (Leeds, 1956) - - - - 1959	Noon, David Lyon, B.A. - - - - 1952
Newbery, Maxwell Charles, B.E. - - - - 1954	Noonan, John William, B.A. - - - - 1952
Newland, Ben Totham Jervois, M.B., B.S. - - - - 1952	†Noonan, Patrick Robert, B.Ec. - - - - 1957
Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896) - - - - 1902	†Nordin, Alfred Walter, B.E. - - - - 1957
Newland, Malcolm Creswell, M.B., B.S. - - - - 1938	Norgard, John Davey, B.E. - - - - 1937
Newland, Nancy Benning, LL.B. - - - - 1937	Norman, Albert Edward, B.A. - - - - 1948
Newman, Bernard William, B.Sc. - - - - 1934	Norman, Arthur Edward, B.Sc. - - - - 1949
Newman, Edgar Harold, LL.B. - - - - 1894	B.A. - - - - 1955
†Newman, Jeffrey Howard, B.E. - - - - 1957	Norman, Harold Ashley, LL.B. - - - - 1947
Newman, Kenneth Fisher, B.Ec. - - - - 1936	°Norman, William Ashley, LL.B. - - - - 1911
B.A. - - - - 1940	Norman, William Gowan, M.B., B.S. - - - - 1938
Newman, Lewis Arthur, B.Sc. - - - - 1925	Norrie, Douglas Hector, B.E. (New Zealand, 1952) - - - - 1957
°Newman, Olive Gertrude, B.Sc. - - - - 1909	Norris, Allan Mervyn, B.A. - - - - 1956
Newman, Ralph Frederic, LL.B. - - - - 1945	North, Rita Bridget Rice, LL.B. - - - - 1945
Newnham, William Arthur, M.B., B.S. - - - - 1946	North, William Ian, M.B., B.S. - - - - 1939
Ng, Andrew Lian Tim, B.A. - - - - 1954	†Northcote, Geoffrey Graham, B.E. - - - - 1959
Nichol, Lawrence Walter, B.Sc. - - - - 1956	Northey, Helen Louise, B.Sc. - - - - 1953
Nicholas, Herbert Ahearn, B.D.S. - - - - 1950	Northey, James Douglas, B.A. - - - - 1919
†Nicholas, Ian James, B.E. - - - - 1959	Northmore, Sir John Alfred, LL.B. - - - - 1887
Nicholas, Rowland John, B.A. - - - - 1943	Norton, Margaret, M.A. (Chicago, 1955) - - - - 1958
Nicholls, Barbara Kuru, B.A. - - - - 1941	°Nossal, Peter Maria Joseph Julius, M.Sc. (Sydney, 1948) - - - - 1949
Nicholls, Colin Herbert, B.Sc. - - - - 1949	Nott, Harry Carew, M.B., B.S. - - - - 1913
Nicholls, Donald Alfred, M.B., B.S. - - - - 1945	Nottle, Geoffrey Edward, B.A. - - - - 1956
Nicholls, Edward Maxwell, M.B., B.S. - - - - 1949	Nugent, Naomi Mary, B.Sc. - - - - 1954
Nicholls, Eric Pascoe, M.B., B.S. - - - - 1956	Nunn, George Marshall, M.B., B.S. - - - - 1951
Nicholls, Henry, B.E. - - - - 1938	Nunn, Kevin Joseph, B.Sc. - - - - 1942
Nicholls, Jack Montague, M.B., B.S. - - - - 1946	
Nicholls, James Herschel, M.B., B.S. - - - - 1942	O
Nicholls, Jonathan Kingsley, B.A. - - - - 1924	Oakeshott (nee Scrutton), Patricia Margaret, B.A. - - - - 1951
Nicholls, Kelvyn Elmo, M.B., B.S. - - - - 1948	Oaten, Harold Richard Hugh Noel, M.B., B.S. - - - - 1935
Nicholls, Leslie Albert, B.Sc. - - - - 1949	Oats, William Nicolle, B.A. - - - - 1932
Nicholls, Leslie Herbert, B.A. - - - - 1893	Oborn, Benjamin Watson, B.E. - - - - 1956
Nicholls, Leslie Thorncliffe, B.E. - - - - 1948	†Oborn, Elizabeth-Anne Watson, B.A. - - - - 1959
†Nicholls, Trevor Thomas, M.B., B.S. - - - - 1957	O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - - 1949
†Nicholls, Valwynne Arthur, M.B., B.S. - - - - 1959	O'Brien, Francis John Romuald, B.A. - - - - 1951
LL.B. - - - - 1951	O'Brien, Hartley Eric, B.A. - - - - 1939
Nichols, Reginald Clarence, B.Sc. - - - - 1945	B.Ec. - - - - 1954
Nichols, Trevor Charles, B.Sc. - - - - 1948	O'Brien, John Alexander, M.B., B.S. - - - - 1947
Nicholson, Hugh John Gay, B.E. - - - - 1916	O'Brien, John Aloysius, B.Ec. - - - - 1951
Nicholson, Ian Lancaster, B.E. - - - - 1939	O'Brien, Maurice Aloysius, B.A. - - - - 1945
Nichterlein, Frieda Pauline, B.A. - - - - 1948	O'Brien, Ross Pagden, B.E. - - - - 1949
Nichterlein, Otto Erhardt, M.A. M.D. (M.B., B.S., 1940) - - - - 1943	O'Callaghan, Desmond Joseph, B.Sc. - - - - 1949
Nikolai, Max Ronald, B.Sc. - - - - 1952	O'Callaghan, Miah Patrick, LL.B. - - - - 1937
Nickolls, Peters Michael, LL.B. - - - - 1953	O'Callaghan, Peter John, B.D.S. - - - - 1952
Nicolson, Andrew David, B.Ag.Sc. - - - - 1954	Ockenden, Ralph David, B.D.S. - - - - 1948
Nicolson, Murray Thomas, B.Sc. - - - - 1945	Ockenden, Robert Hartley, B.Ec. - - - - 1951
Nield, Alexander Cowell, M.B., B.S. - - - - 1956	Ockendon, Garth Palmer, B.A. - - - - 1950
Niemaber, Blair, B.E. - - - - 1953	O'Connell, Brian John, B.Sc. - - - - 1952
Nietz, Arno Oscar, B.A. - - - - 1951	O'Connell, Daniel Patrick, Ph.D. (Cambridge, 1951) - - - - 1953
Nietz, Herbert Walter, M.A. - - - - 1918	O'Connell, William Bernard, M.A. - - - - 1933
B.Sc. - - - - 1921	O'Connor, Deirdre Catherine, B.A. - - - - 1950
Nietz, Ian Arno, B.E. - - - - 1954	O'Connor, Denise Christobel, B.A. - - - - 1947
Nilsson, Carl Sigurd, B.Sc. - - - - 1956	

* Deceased.

† Not yet Members of the Senate.

O'Connor, Diana Jean, M.B., B.S.	-	1949	Osborn, Thomas Raymond, B.Sc.	-	1942
O'Connor, John Desmond, M.B., B.S.	-	1952	†Osborne, Dennis James, B.Ec.	-	1959
†O'Connor, Maxwell James, B.Sc.	-	1957	Osborne-White, Douglas Arthur, B.E.	-	1952
O'Connor, Peter Joseph, B.A.	-	1951	Osborne-White, William Sidney, B.Sc.	-	1956
O'Connor, Playford D'Arcy, M.B., B.S.	-	1938	Osman, Boris, B.E.	-	1940
O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932)	-	1939	Osman, Neile, M.A.	-	1945
O'Connor, Reginald William, LL.B. - B.A.	-	1953	Osmond, Phyllis Dawn, B.A.	-	1949
O'Connor, Walter John, M.D. (M.B., B.S., 1934)	-	1938	O'Sullivan, James David, LL.B.	-	1949
O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	-	1947	O'Sullivan, John Joseph, B.A.	-	1953
O'Dea, Kathleen Mary, M.B., B.S.	-	1948	†Oswald, Peter James, B.Tech.	-	1958
Odlum, Leonard Ralph, B.Sc.	-	1937	Othams, Dorothy Elizabeth, B.A.	-	1925
Odlum, Reginald Lance, LL.B.	-	1937	Othams, Herbert Reginald, B.A.	-	1937
Odlum, Vernon James, M.B., B.S.	-	1939	Otto, Lance Martin, B.E.	-	1954
O'Donnell, Elizabeth Anne, LL.B.	-	1954	Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	-	1948
O'Donnell, Margaret Helena, B.Sc.	-	1954	Owen, Evan Thomas, M.B., B.S.	-	1956
O'Donoghue, Kenneth Kilian, M.A.	-	1951	Owen, Gwenyth Winsome, B.A.	-	1941
O'Donoghue, Stephen Kevin, B.A.	-	1912	Owen, Indra Joshua, B.Ec.	-	1956
O'Donohue, Raymond Francis, B.Ec.	-	1951	Owens, Arthur John, B.Sc.	-	1926
†O'Grady, Helen Patricia, B.A.	-	1959			
†O'Grady, Kevin John, M.B., B.S.	-	1958	P		
†O'Grady, Maureen Therese, B.Sc.	-	1957	†Pacevicius, Stase, B.D.S.	-	1959
Offord, Thomas Frank, B.Sc.	-	1951	Packer, Arthur Dudley, M.Sc.	-	1951
Ogilvie, Keith Ross, B.E.	-	1956	M.D. (M.B., B.S., 1942)	-	1951
†Oh, Kong Yew, B.E.	-	1959	Packer, John Stuart, B.E.	-	1953
O'Halloran, Michael William, M.Sc.	-	1957	Packer, Mina, B.D.S.	-	1933
O'Hara, Brian Isidro, M.B., B.S.	-	1950	†Padgett, Terry Maxwell, B.Tech.	-	1958
†O'Keefe, John, LL.B.	-	1957	Padman, Clara Helen, B.A.	-	1904
Ohlstrom, Leonore Annie, B.A.	-	1929	Padman, Mabel Margaret, B.A.	-	1941
†Olden, John Albany Niquet, M.B., B.S.	-	1958	Padman, Marsden Waterhouse, B.E.	-	1923
Oldfield, Frederick Bernam, B.Sc.	-	1923	Padman, Maurice Skipsey, B.A.	-	1931
Oldfield, Neil, M.B., B.S.	-	1940	Padman, William Donald, LL.B.	-	1933
Oldham, Brenda Helen, B.A.	-	1941	Paech, Bernice Mary, B.A.	-	1950
Oldham, Marjory (nee Anderson), B.A.	-	1915	†Paech, Helen Joan, B.A.	-	1959
*Oldham, Wilfrid, M.A.	-	1920	Paech, John Adolph, B.A.	-	1942
Oldham, Wilfrid Hugh, B.E.	-	1948	Page, Albert Edward, B.A.	-	1914
O'Leary, Patrick Damian, B.D.S.	-	1951	Page, Dean Campbell, LL.B.	-	1954
†Oliphant, Hurtle Garth, B.Tech.	-	1959	Page, Eleanor Florence, B.A.	-	1940
Oliphant, Sir Marcus Lawrence Elwin, B.Sc.	-	1923	Page, Geoffrey Wilton, B.D.S.	-	1940
†Oliphant, Michael John, B.Sc.	-	1958	Page, Gertrude Erica, B.Sc.	-	1945
Oliver, Archibald Robert, M.E.	-	1952	Page, Leland Ivor, M.B., B.S.	-	1952
Oliver, Robert Wallace (Interim B.Sc. (Eng.), 1943, surrendered), B.E.	-	1945	Page, Maurice Roy, B.E.	-	1950
Oliver, Robin Langford, Ph.D. (Cambridge, 1954)	-	1959	Page, Ronne Earle, B.A.	-	1949
†Ollino, Richard, B.Sc.	-	1957	Pahl, Paul David, B.A. (N.Z., 1941)	-	1943
*O'Loughlin, Irene May, M.B., B.S.	-	1938	Paholski, Francis Edmond, B.E.	-	1953
O'Loughlin, Kevin Thomas, LL.B. - B.A.	-	1949	Paice, William Osborne, B.A.	-	1953
O'Loughlin, Maurice Francis, LL.B.	-	1956	†Pain, Roy Willoughby, M.B., B.S.	-	1957
Olsen, Paul Engberg, B.E.	-	1941	Paine, Helen, B.A.	-	1938
Olssen, Edwin Alexander, M.A.	-	1947	Paine, Sir Herbert Kingsley, LL.B.	-	1904
Olsson, Athol Julius, LL.B.	-	1920	Paine, Janet, B.A.	-	1944
Olsson, Graham Douglas, LL.B.	-	1956	Painter, Mary Galloway, Mus.Bac	-	1952
Olsson, Leslie Trevor, LL.B.	-	1954	Painter, Rowland George, B.A. - M.B., B.S.	-	1934
O'Malley, Charles Ernest Denis, B.E.	-	1932	Pak Poy, Patricia Geraldine, B.A.	-	1956
O'Malley, John Edwin, B.A.	-	1945	Pak Poy, Reginald Kenneth Felix, M.B., B.S.	-	1955
Omond, D'Arcy James, B.E.	-	1949	Paleg, Leslie Godell, Ph.D. (Iowa, 1955)	-	1959
O'Neil, Cornelius Patrick, B.A.	-	1949	*Paley, Clifford Arnold, B.A.	-	1939
O'Neil, Marguerite, B.A.	-	1949	Palm, Duncan Louis, B.E.	-	1952
O'Neill, Sydney, M.B., B.S.	-	1917	Palmer, Ernest William, LL.B.	-	1939
Ophel, Trevor Richard, B.Sc.	-	1955	Palmer, Raymond Amos, B.E.	-	1953
Opie, Alan James, B.E.	-	1953	Palmer, Robert Hale, B.E.	-	1953
Opie, Brian Preston, B.E.	-	1949	†Palmer, Thomas Robert, B.E.	-	1958
Opie, Peter Bruce, M.B., B.S.	-	1956	Paltridge, Angus Lindsay, B.Ec.	-	1951
†Opie, Roderick Preston, B.A.	-	1959	†Paltridge, Richard Lee, B.Sc.	-	1959
Opie, Roger Gilbert, M.A.	-	1951	Paltridge, Richard Noel, B.Sc.	-	1947
Opie, Thomas Schulz, B.A.	-	1923	Paltridge, Terence Brady, B.Sc.	-	1926
Opit, Julius Marcus, B.Sc.	-	1955	Panabokke, Christopher Rajendra, Ph.D.	-	1957
Opit, Louis Jonah, M.B., B.S.	-	1949	Pannell, Peter John, B.E. (Interim B.Sc. (Eng.) 1947 surrendered)	-	1950
Oram, Rex Neville, B.Ag.Sc.	-	1953	Parbo, Arvi Hillar, B.E.	-	1956
†Orchard, Barbara Winifred, M.B., B.S.	-	1959	Parham, Anthony Robert, M.B., B.S.	-	1954
Orchard, Donald Ralph, B.E.	-	1956	Parham, Elizabeth Ann, B.A.	-	1950
*Osborn, Edith May, B.Sc. (M.Sc., Manchester, 1908)	-	1912	Park, Ruth Alison, B.A.	-	1939
Osborn, Peter William, B.Sc.	-	1949	Parker, Cecil David, B.Sc.	-	1932
Osborn, Rowen Frederic, B.A.	-	1947	Parker, George Lucas, B.E.	-	1948
Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manchester, 1911)	-	1912	†Parker, Graham Eric, LL.B.	-	1959
			Parker, Mina Evelyn, B.A.	-	1930
			Parker, Murray Harold, M.Sc.	-	1952
			†Parker, Ross Lloyd, B.E.	-	1957

* Deceased.

† Not yet Members of the Senate.

Parkhouse, Devon, M.B., B.S. - - -	1907	†Pearson, Henry Gurner, B.Tech. - - -	1959
Parkhouse, Thomas William, B.Sc. - - -	1940	Pearson, Leslie Norman, B.A. - - -	1941
Parkin, Dorothy Joan, B.A. - - -	1936	†Pearson, Thomas Pickering, B.Tech. - - -	1959
Parkin, Leslie Wedgwood, M.Sc. - - -	1949	Pech, Herman, B.A. - - -	1947
Parkinson, Kevin John, B.Sc. - - -	1949	Pech, Rufus, B.A. - - -	1947
†Parks, Veronica June, M.B., B.S. - - -	1958	Pedler, John Meavious, M.B., B.S. - - -	1935
†Parr, Stanley Robert, B.Ec. - - -	1957	Pedlow, Clarice, B.Sc. - - -	1942
†Parrott, Charles Philip, B.Tech. - - -	1958	Peirce, Alan Wilfred, D.Sc. - - -	1947
Parry, Doris, B.A. - - -	1931	Peirce, Reginald Frank, B.A. - - -	1938
Parsons, Albert Christian, B.E. - - -	1950	Pellew, Henry Edwin, M.B., B.S. - - -	1924
Parsons, Barbara, B.A. - - -	1949	Pellew, Janie Christobel, B.D.S. - - -	1932
†Parsons, Colin, B.A. - - -	1958	Pellew, Lancelot Vivian, LL.B. - - -	1922
Parsons, Geoffrey Bonynthon Angas, M.A. (Cambridge, 1932) - - -	1935	*Pellew, Leonard James, M.B., B.S. - - -	1906
Parsons, Harold Stephen, Mus.Bac. - - -	1912	Pellew, Leonard James Ternouth, M.B., B.S. - - -	1932
†Parsons, Ian Ross McKenzie, B.Med.Sc. - - -	1958	Pellew, Richard Alfred Amyas, M.B., B.S. - - -	1934
Parsons, Peter Angas, B.Ag.Sc. - - -	1955	Pelton, Louis Alfred Hall, B.Sc. (Eng.) - - -	1942
Parsons, Philip Brendan Angas, LL.B. - - -	1928	*Pengelley, Hugh Price, B.E. - - -	1945
Parsons, Ralph Whaddon, B.E. - - -	1948	Pengelley, John Michael, B.Ec. - - -	1952
Parsons, Rex Whaddon, M.E. - - -	1926	Pengilly, Clifford Kipling, B.E. - - -	1930
Parsons, Ronald Lewis, B.E. - - -	1942	Penglase, Dean Trestrail, B.E. - - -	1951
Parsons, William Ross, B.A. - - -	1948	Penman, Thomas Oliver, B.E. (B.Sc. (Eng.), London, 1948) - - -	1956
Parton, Arthur Leigh, M.B., B.S. - - -	1944	Penn, John Halbert, B.E. - - -	1953
†Partridge, Judith Lois Mary, B.A. - - -	1958	Pennington, Beryl, B.A. - - -	1942
Partridge, Wilfrid Gordon McDonald, M.A. - - -	1947	Penna, Elwyn Dunstan, B.A. - - -	1952
Pascoe, Douglas Everett, B.Ec. - - -	1948	Penny, David Harry, M.Ec. - - -	1958
Pascoe, Pauline Ina, M.B., B.S. - - -	1955	Penny, Harold John, M.B., B.S. - - -	1913
Pash, Hannah June, M.B., B.S. - - -	1946	Penny, Hubert Harry, M.A. - - -	1932
Pash, Hannah Rita, B.A. - - -	1930	†Penny, John Philip, B.Sc. - - -	1958
Pash, Jeffrie Herbert, B.A. - - -	1938	Penny, Ronald Edgar Cooper, B.A. (Melbourne, 1951) - - -	1959
Pash, Spencer, M.Sc. - - -	1952	Pennycuik, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919) - - -	1923
Patching, Desmond William John, M.B., B.S. - - -	1956	Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928) - - -	1935
Pater, Graham Stephen, B.D.S. - - -	1951	Pereira, John Evelyn De Haan, B.A. - - -	1945
Paterson, Alexandra Jean, B.Sc. - - -	1949	Perkins, Brian Randall, B.Sc. - - -	1955
Paterson, Alfred Harold, B.A. - - -	1937	Perkins, Horace James, Mus.Doc. (Mus.Bac., 1928) - - -	1943
Paterson, Dennis Craig, M.B., B.S. - - -	1954	Perkins, Marie Pauline, B.A. - - -	1949
Paterson, John Levett, B.E. - - -	1950	Perrett, Lance Victor, M.B., B.S. - - -	1952
Paterson, Keith McGregor, B.E. - - -	1932	Perry, Audrey Vivienne, LL.B. - - -	1949
Paterson, Mervyn Silas (Interim B.Sc. (Eng.), 1943, surrendered), B.E. - - -	1945	Perry, Dulcie May, B.A. - - -	1939
†Paterson, Robert George, B.A. - - -	1958	†Perry, John William, LL.B. - - -	1959
Paterson, Ross, B.Sc. - - -	1953	Perry, Rayden Alfred, M.Sc. - - -	1956
Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered for B.E., 1915) - - -	1915	Perry, Robert George, B.E. - - -	1956
Paton, Alfred Maurice, B.Sc. - - -	1898	†Peter, Beth Ellen, B.Sc. - - -	1957
*Paton, Dora Isabel, B.Sc. - - -	1902	Peters, Brian Harry, M.B., B.S. - - -	1948
Paton, Margaret Anne, B.A. - - -	1954	Peters, Geoffrey Ernest, B.A. - - -	1925
Paton, Robert, M.B., B.S. - - -	1951	M.B., B.S. - - -	1927
Patrick, Elsie Furneaux, Mus.Bac. - - -	1925	Peters, George Francis, B.Sc. - - -	1948
†Patterson, John Howard, B.Sc. - - -	1958	†Peters, John Irwin, B.E. - - -	1959
Patterson, Keith Raymond, LL.B. - - -	1937	Peterson, Jean Clarice, B.A. - - -	1940
Patterson, William Friedrich, B.E. - - -	1934	Petrie, Charlotte Marion, M.A. (St. Andrews, 1923) - - -	1939
Pattinson, Baden Powell, LL.B. - - -	1921	Petrie, Enid Beatrice, Mus.Bac. - - -	1935
Paul, Kevin Carroll, B.Sc. - - -	1935	†Petrikas, Elvira, M.B., B.S. - - -	1958
Paull, Alec Gordon, B.Sc. - - -	1920	Pettit, Garth Derwood, B.D.S. - - -	1953
M.A. - - -	1932	Pettit, Rowland, Ph.D. (M.Sc., 1950) - - -	1954
Paull, Colin Gordon, M.B., B.S. - - -	1953	Pfeiffer, Edgar Reginald, B.Sc. - - -	1953
Paull, Torrance Arnold, M.B., B.S. - - -	1947	Pfeiffer, Gordon James, B.D.S. - - -	1949
Pavia, Roy Rowling, B.A. - - -	1913	Pfeiffer, Norman, B.A. - - -	1938
Pavy, (nee Proud), Emily Dorothea, B.A. - - -	1906	Pfitzner, Eric Norman, M.A. - - -	1933
Pavy, Harold Keith, M.B., B.S. - - -	1919	Pfitzner, Leo Wilkin, B.E. - - -	1953
Pavy, Ian Gordon, M.B., B.S. - - -	1943	Pfitzner, Murray Ackland, M.B., B.S. - - -	1953
Pavy, John Keith, M.B., B.S. - - -	1952	†Pfitzner, Victor Carl, B.A. - - -	1958
Pavy, Rosemary Dorothea, M.B., B.S. - - -	1948	Phillipps, Herbert Tarlton, B.Sc. - - -	1905
Pawsey, David Christian, B.E. (B.E.E. Melbourne, 1947) - - -	1954	Phillipps, Keith Herbert, B.E. - - -	1951
Payne, George Basil, B.A. - - -	1935	Phillips, Alan Dunstan, M.B., B.S. - - -	1947
Payne, Louise Mary Gwyther, B.A. - - -	1914	B.Sc. - - -	1959
Paynter, Norman Catchlove, B.A. - - -	1937	Phillips, Albert Maurice, B.E. - - -	1941
Peake, Noel Horace, M.B., B.S. - - -	1954	Phillips, Basil Wright, B.D.S. - - -	1950
Pearce, Alfred Moreton, B.A. - - -	1951	Phillips, Charles Leslie, B.D.S. - - -	1926
Pearce, Charles Clifton, B.A. - - -	1938	Phillips, Colin William, M.B., B.S. - - -	1951
Pearce, Desmond Beresford Newman, B.Sc. - - -	1951	*Phillips, Earnest, LL.B. - - -	1908
†Pearce, Helen Ruth, B.A. - - -	1958	Phillips, Gordon Gilbert, B.A. - - -	1940
Pearce, Ronald Sandison, Ph.D. (B.Sc., 1943) - - -	1955	Phillips, James Henry, B.E. - - -	1948
Pearce, Trevor Sandison, B.Ag.Sc. - - -	1953	Phillips, James Howard, B.Sc. - - -	1902
Pearcy, Lyn Harley Draper, M.B., B.S. - - -	1953	Phillips, Muriel Edith, B.A. - - -	1935
Pearman, Reginald John, B.Sc. - - -	1954	Phillips, Murray Norman (Interim B.Sc. (Eng.), 1942, surrendered) B.E. - - -	1945
Pearson, Halley James Crawford, B.A. - - -	1944		

*Deceased.

†Not yet Members of the Senate.

Phillips, Murray Thomas, B.E. - - -	1947	Poole, Gilbert Graham, B.Sc., B.E. - -	1921
Phillips, Pamela Rosemary, M.B., B.S.	1951	Poole, Richard John, B.E. - - -	1951
Phillips, Ronald Mervyn, B.A. - - -	1951	Pope, Geoffrey Weston, B.Sc. - - -	1951
†Phillips, Walter Wynne, B.A. - - -	1958	†Pope, John Travers, B.E. - - -	1957
Phillips, William James Ellery, M.B.,		Pope, Kenneth Geoffrey, M.Sc. - - -	1949
B.S. - - - - -	1915	Pope, Kathlyn Hilary, B.A. - - -	1952
†Phillips, William John, B.A. - - -	1959	Pope, Peter Myles Burton, B.E. - - -	1949
Phillipson, Coleman, LL.D. (Man-		†Porra, Robert John, B.Sc. - - -	1957
chester, 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
†Pickering, Trevor George, M.B., B.S.	1958	†Porter, Mervyn Kingsley, B.A. - - -	1958
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, Rodney Crawford, B.E. - - -	1959
Pike, Douglas Henry, D.Litt. (M.A.,		Porter, Ronald Frank, B.D.S. - - -	1940
1951) - - - - -	1957	Porter, Thelma May Edith, B.A. - - -	1941
Pike, Geoffrey Howard, M.B., B.S. - -	1953	*Portus, Garnet Vere, M.A. (Oxford,	
Pile, Kenneth Charles, B.E. - - -	1949	1917) - - - - -	1935
Pilgrim, Alan Flinders, B.Sc. - - -	1936	Posen, Solomon, M.B., B.S. - - -	1955
*Pilgrim (nee Lipsham), Kate Caroline,		Possingham, John Victor, M.Sc. - - -	1955
B.A. - - - - -	1905	Possingham, Maxwell Leonard, B.Sc. -	1954
Pillay, Elagu Sithampara, M.B., B.S. -	1954	M.E. (B.E., 1956) - - - - -	1959
Pilton, Phyllis Evelyn, B.Sc. - - -	1955	Postle, Douglas Gordon, M.B., B.S. -	1941
Piper, Clarence Sherwood, D.Sc.		Postle, Herbert Thomas, LL.D. (Mel-	
(M.Sc., 1926) - - - - -	1942	bourne, 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
Pirotta, Thomas, M.B., B.S. - - -	1955	†Potter, Ian Downing, B.A. - - -	1959
Pitcher, Cyril Frederick, M.B., B.S. -	1911	Potter, John Colin, B.Ag.Sc. - - -	1948
Pitcher, Maurice Knight, B.Sc. - - -	1925	†Potter, John Stanley, B.Ag.Sc. - - -	1957
Pitcher, Russell Barton, M.B., B.S. -	1948	†Potter, Maurice Martyn, B.Sc. - - -	1957
Pitcher, William Bonnyton, B.Sc. - -	1945	Potter, Roy Adolph, M.A. - - -	1923
Pitman, Beresford Ernest, B.Sc. - - -	1945	Potter, Vernon Wheatley, M.B., B.S. -	1941
B.A. - - - - -	1955	Potts, Barbara Phyllis, Ph.D. (B.Sc.,	
Pitt, Arthur William, M.A. - - -	1915	1948) - - - - -	1956
Pitt, George Henry, B.A. - - -	1920	Potts, Ethelwyn, B.A. - - -	1909
Pitt, Marjorie Una, B.Sc. - - -	1925	Potts, Frank Roland, B.Sc. - - -	1922
Place, Ullin Thomas, M.A. (Oxford,		Potts, Gilbert Macdonald, M.A. - - -	1915
1949) - - - - -	1953	Potts, John Louis, M.B., B.S. - - -	1951
Platt, Albert Edward, M.D. (M.B.,		Potts, Kevin Thomas, Ph.D. (D.Phil.,	
B.S., Sydney, 1927) - - - - -	1937	Oxford, 1954) - - - - -	1959
Platt, John Talbot, B.A. - - -	1951	Potts, Leo, M.B., B.S. - - -	1955
Platten, Newell James, B.E. - - -	1951	Potts, Renfrey Burnard, B.Sc. - - -	1945
†Playford, John Drysdale, B.A. - - -	1959	*Potts, William Andrew, B.E. (B.Sc.,	
Playford, Malcolm Noel, LL.B. - - -	1937	1912, surrendered for B.E., 1913) -	1913
Playford, Margaret Claire, M.B., B.S. -	1955	Powell, Harold, M.B., B.S. - - -	1913
Pleuckhahn, Vernon Douglas, M.B.,		Powell, Kathleen Naomi, B.A. - - -	1925
B.S. - - - - -	1949	Powell, Miriam Athalie, B.A. - - -	1927
Plimmer, Geith Alfred, B.A. - - -	1930	Power, Frances Maureen, B.A. - - -	1951
Plummer, Alexander Philip, B.D.S. - -	1941	Power, Francis Bryan, B.Ec. - - -	1951
Plummer, Reg Garnet, M.B., B.S. - - -	1906	Power, John Leslie, LL.B. - - -	1922
Plummer, Rex Grose, M.B., B.S. - - -	1937	Powrie, James Kelvin, M.Sc. - - -	1951
Plummer, Violet May, B.Sc. - - -	1891	Powrie, Robert Malcolm, M.B., B.S. -	1956
M.B. (Melbourne, 1897) - - - - -	1897	Poynton, John Orde, M.D. (Cambridge,	
Plummer, Violet Myrtle, M.B., B.S. -	1932	1941) - - - - -	1948
Plunkett, Norman Ambrose, B.E. - - -	1926	Pratten, Raymond Douglas, B.Sc. - - -	1952
Plush, Donald Seward, B.Ag.Sc. - - -	1948	Preece, Julia Anne, B.A. - - -	1949
Pobjoy, Alice Blake, B.A. - - -	1918	Preece, Kathleen Mary, B.A. - - -	1952
Pocius, Martynas, B.E. - - -	1955	Preedy, Winifred Edna, B.D.S. - - -	1927
Pocock, Edward Robert, M.A. - - -	1958	Prenzler, Theodor Carl, B.A. - - -	1955
Pohlman, William Frederick Claude,		Prescot, Rupert Warre, B.A. - - -	1930
B.Sc. - - - - -	1926	Prescott, James Arthur, B.Sc. (M.Sc.,	
Poidevin, Leslie Oswyn Sheridan, M.B.,		Manc., 1919) - - - - -	1924
B.S. (Sydney, 1938) - - - - -	1952	D.Sc. - - - - -	1932
†Polasek, Metodey, B.Ec. - - -	1958	Prescott, John Russell, B.Sc. - - -	1944
Pole, Audrey Elizabeth, B.A. - - -	1956	†Presgrave, David Kenneth, B.Tech. -	1958
Polglase, Norman, B.Sc. - - -	1947	Presley, Charles Frederick, B.A.	
Polkinghorne, Graham Keith, B.E. - -	1954	(Wales, 1950) - - - - -	1959
Polkinghorne, Kate Elinor, B.A. - - -	1931	Prest, David Harris, B.Sc. - - -	1953
Polkinghorne, Keith, B.A. - - -	1936	Prest, Elizabeth Maurine, M.B., B.S. -	1951
Polkinghorne, Noel Francis, B.A. - - -	1934	Prest, Henry Gordon, M.B., B.S. - - -	1925
Pollnitz, Eunice Adah, B.A. - - -	1938	†Prest, Jennifer Anne, B.A. - - -	1957
Polomka, Simon Peter, B.Ag.Sc. - - -	1955	†Prest, Robert Henry, B.A. - - -	1957
Polson, Reginald Alexander, B.E. - - -	1929	Preston, John Arthur Rowland, M.B.	
Pomroy, Alan Browning, B.E. - - -	1938	B.S. - - - - -	1955
Pomroy, Richard Osborne, B.E. - - -	1923	Preston, Tom, B.E. - - -	1924
Ponnia, Anthonipillai, B.E. - - -	1954	Price, Archibald Grenfell, M.A. (Ox-	
Ponsford, Joan Helen, B.Sc. - - -	1946	ford, 1919) - - - - -	1920
*Pooe, Dorothea Lamdon, M.A. - - -	1906	D.Litt. - - - - -	1932
Pooe, Frederic St. John, M.B., B.S. -	1909		

* Deceased.

† Not yet Members of the Senate.

Price, Arthur Jennings, LL.B.	- - -	1890	†Radhakrishnan, Narayana Panikkar,		
Price, Charles Archibald, B.A.	- - -	1944	M.B., B.S.	- - -	1959
Price, Charles William Russell, M.B.,			Radoslovich, Edward William, M.Sc.	- - -	1952
B.S.	- - -	1932	Raffen, Douglas Gordon, B.E.	- - -	1952
Price, Ione Dorothy, B.A.	- - -	1948	Rafferty, George Aldborough, B.Ec.	- - -	1949
Price, James Robert, D.Sc. (M.Sc.,			Raggatt, Thomas Sutherland, B.A.	- - -	1945
1935)	- - -	1954	Raine, Margaret Napier, B.A.	- - -	1939
Price, Joan Isabel, B.A.	- - -	1938	Rainnie, Graeme Fraser, B.Sc.	- - -	1942
Price, Kenneth Bonamy, B.A. (Oxford,			Rainsford, Kathleen Mary, B.Sc.	- - -	1943
1949)	- - -	1951	Rait, William Lockhart, M.Sc.	- - -	1935
†Price, Trafford Conon, B.Sc.	- - -	1957	†Rajan, Laethambel, M.B., B.S.	- - -	1957
Price, Winifred Vera, B.A.	- - -	1949	Rajbhandary, Kamala Bhagat, Ph.D.	- - -	1958
Pridier, Valentine Aubrey Hamilton,			Ramsay, Alexander Maurice, B.Ec.	- - -	1941
B.A.	- - -	1951	Ramsay, Alfred Maxwell, B.Ec.	- - -	1951
Pridham, Geoffrey Jasper, LL.B.	- - -	1953	†Ramsey, Gregor Allen, B.Sc.	- - -	1958
B.A.	- - -	1955	Rance, George Howe, B.Sc.	- - -	1935
Pridham, Lancelot Robert, B.Sc.	- - -	1947	Randell, Allan Elliott, M.B., Ch.B.		
Pridmore, Roy Vernon, B.Sc.	- - -	1925	(Melbourne, 1897)	- - -	1897
M.B., B.S.	- - -	1929	Randell, William Richard, M.B., B.S.	- - -	1947
†Priebbenow, Clarence Raymond, B.A.	- - -	1958	Randle, Alexander Miller, B.Sc.	- - -	1951
Priest, Amy Grace, M.A.	- - -	1923	Rankin, Mervyn Alexander, M.Sc.	- - -	1931
Priest, Reginald Arthur, B.Sc.	- - -	1951	Rankine, Alexander Mackenzie, M.B.,		
Prime, Andree Joyce, B.A.	- - -	1945	B.S.	- - -	1952
Prime, Henry Ashworth, M.Sc. (Man-			Rankine, Bryce Crossley, M.Sc.	- - -	1953
chester, 1946)	- - -	1954	Rao, Velamury Raghavendra, Ph.D.	- - -	1956
Prince, Erica Lloyd, B.A.	- - -	1913	Rasch, John, B.E.	- - -	1952
Pritchard, John Joseph, B.Sc.	- - -	1934	Rasch, Marjorie, B.Sc.	- - -	1956
Pritchard, John Nelson, B.A.	- - -	1954	Rasheed, Kenneth Michael, B.E.	- - -	1955
Pritchard, Robert Keith, B.Ag.Sc.	- - -	1953	Rattigan, John Herbert, M.Sc.	- - -	1955
Pritchard, Vita, B.A.	- - -	1941	†Raud, Rasmus, B.Tech.	- - -	1958
Proctor, Ivy Millicent, B.A.	- - -	1935	Raupach, Maxwell, M.Sc.	- - -	1954
Proctor, Rose Emily, B.A.	- - -	1934	Rawat, Rishi Ram, Ph.D.	- - -	1958
Prosser, Victor Albert, B.Ec.	- - -	1951	Ray, Angus Charles, LL.B.	- - -	1943
Proud, Millicent Farrer, M.A.	- - -	1915	Ray, John, M.B., B.S.	- - -	1936
Proudman, Dorothy Mena, B.A.	- - -	1951	Ray, Marjorie, B.A.	- - -	1945
Proudman, William David, M.B., B.S.	- - -	1952	*Ray, William, M.B., B.S.	- - -	1906
Probert, James Keith Stewart, B.Sc.	- - -	1951	B.Sc. (Oxford, 1909)	- - -	1914
Prouse, Kenneth George, B.A.	- - -	1948	Ray, William Robert, B.A.	- - -	1933
Provis, Douglas Franklin, B.Sc.	- - -	1950	Ray, Walter Vernon, LL.B.	- - -	1907
†Pryce, Michael Arthur Gillies, B.E.	- - -	1957	*Rayment, James Tarlton, M.B., B.S.	- - -	1952
†Pryke, Jenneth Meriel, B.Sc.	- - -	1957	Rayner, George Percival, B.A.	- - -	1920
Pryor, Colin Hutson, M.B., B.S.	- - -	1952	Rayner, William Henry, B.A.	- - -	1907
Pryor, Cecilia Marie, Mus.Bac.	- - -	1932	†Read, Clarence Percy, B.A.	- - -	1959
Pryor, Eric John, B.A.	- - -	1931	Read, John Herbert, B.A.	- - -	1949
Pryor, Lindsay Dixon, D.Sc. (M.Sc.,			Read, Norman George, M.Sc.	- - -	1945
1939)	- - -	1959	†Read, Peter John, B.Ec.	- - -	1959
Pryor, William Arthur, M.B., B.S.	- - -	1919	Read, Philip Andreas, B.A.	- - -	1930
Pryor, William John, M.B., B.S.	- - -	1952	Reade, Peter Clarence, B.D.S.	- - -	1952
Puddy, Albert Forwood, LL.B.	- - -	1935	Reardon, Mary Dulcie, B.A.	- - -	1952
Puddy, Maude Mary, Mus.Bac.	- - -	1905	Redden, Martin Philip, B.A.	- - -	1933
Pudney, Colin William, B.E.	- - -	1953	Redin, Lewis Charles, B.A.	- - -	1956
Pudney, Owen John, B.Sc.	- - -	1955	Redman, James Johnston, LL.B.	- - -	1935
Pugsley, Albert Tonkin, D.Sc. (M.Sc.,			Redmond, John Bice, B.E.	- - -	1946
1942)	- - -	1954	†Redstone, Frank, B.A.	- - -	1957
Puksand, Harry, B.E.	- - -	1956	Redway, John Alfred George, B.E.	- - -	1955
†Pullin, Dean Russell, B.E.	- - -	1958	Reed, Barbara, B.A.	- - -	1954
†Pullman, Brian James, B.Sc.	- - -	1958	Reed, Eileen Ruth Lathleen, B.Sc.	- - -	1919
Purdam, Irving, B.E. (Interim B.Sc.			Reed, Sir Geoffrey Sandford, LL.B.	- - -	1913
(Eng.) 1944 surrendered)	- - -	1950	Reed, Margaret Doris, B.Sc.	- - -	1955
Purdham, Robert Keith, B.E.	- - -	1951	Reed, Mary Ethel Hayter, M.B., B.S.	- - -	1924
Purslow, Martin, B.A.	- - -	1953	Reed, Robert David Geoffrey, B.E.	- - -	1950
Purton, David Gabriel, M.A.	- - -	1918	Reed, Thomas Thornton, M.A. (Mel-		
Pyne, Maurice Ignatius, M.A.	- - -	1930	bourne, 1927)	- - -	1929
Pyne, Remington John, M.B., B.S.	- - -	1953	D.Litt.	- - -	1954
Pynor, Donald Edward, B.D.S.	- - -	1950	Rees, Harold Mitchell, M.B., B.S.	- - -	1924
			Rees, John David, B.Sc.	- - -	1953
Q			Reeves, Edith Louie, B.A.	- - -	1945
Quayle, Bronte Clucas, LL.B.	- - -	1948	Reeves, Rupert Kirk, M.B., B.S.	- - -	1926
†Quick, Donald Glen, B.Tech.	- - -	1959	Rehn, Denzil Farnham, B.A.	- - -	1955
Quinn, Mary Cecilia, B.A.	- - -	1955	Reichstein, Lance Eric Harold, B.E.	- - -	1922
Quinn, Michael Brian, B.Sc.	- - -	1956	Reid, Arthur Douglas, M.B., B.S.	- - -	1924
*Quinn, Thomas Vincent, M.B., B.S.	- - -	1923	Reid, David Argyll Campbell, B.E.	- - -	1949
Quirk, Helen Marian, B.A.	- - -	1951	Reid, Donald Peter, M.B., B.S.	- - -	1956
Quirk, James Patrick, Ph.D. (Lon-			†Reid, Douglas Rusk, B.Tech.	- - -	1959
don, 1952)	- - -	1959	Reid, Elizabeth Ellen, B.A.	- - -	1933
			Reid, Gordon Stanley, Ph.D. (London,		
R			1957)	- - -	1958
†Rabone, Elaine Thelma, B.A.	- - -	1959	Reid, Gordon Stephen, B.A.	- - -	1954
Rabone, Harry Klements Percival, B.A.	- - -	1939	Reid, John Douglas, M.B., B.S.	- - -	1954
*Radcliff, Joanna Clare, B.A.	- - -	1935	Reid, John Graham, M.B., B.S.	- - -	1954
Radcliffe, Sheila, B.A.	- - -	1944	Reid, Max Bertram, M.B., B.S.	- - -	1937
			Reid, Neville Collison, B.Ec.	- - -	1956
			Reid, Robert Leighton, M.A.	- - -	1954

* Deceased.

† Not yet Members of the Senate.

Reid, Ross Treloar Wishart, M.D. (M.B., B.S., 1947) - - - - -	1956	†Rieckmann, Karl-Heinz Walter, M.B., B.S. - - - - -	1957
Reid, William Lister, M.B., B.S. - - - - -	1931	Riedel, Felix Daniel, B.A. - - - - -	1950
Reilly, Patrick John, M.B., B.S. - - - - -	1928	Riedel, Melita Wanda, Mus.Bac. - - - - -	1920
Reilly, Philip Herbert, B.D.S. - - - - -	1940	Riedel, William Rex, M.Sc. - - - - -	1952
Reilly, Robert Neil, M.B., B.S. - - - - -	1933	Rieger, Clarence Oscar Ferrero, M.B., B.S. - - - - -	1919
Reimann, Arnold Luchrs, D.Sc. (B.Sc., 1919) - - - - -	1935	Rieger, Richard Anthony, M.B., B.S. - - - - -	1956
Reimann, Valasca Leonore Olive, M.A. - - - - -	1914	Riggs, Noel Victor, B.Sc. - - - - -	1942
Reiners, John Alexander, B.D.S. - - - - -	1950	Riley, John, M.B., B.S. - - - - -	1953
†Reinfelds, Juris, B.Sc. - - - - -	1958	Riley, Mabel, B.A. - - - - -	1908
†Reisonas, Iris John, B.E. - - - - -	1957	Rimes, Garnet Dean, B.Sc. - - - - -	1950
Reissmann, Charles Henry, M.D. (Cam- bridge, 1902) - - - - -	1902	Rinfret, The Right Honourable Thibau- deau, P.C., LL.D., (McGill) - - - - -	1951
Remilton, John Robert, M.B., B.S. - - - - -	1953	†Rippert, Reinhart, M.B., B.S. - - - - -	1957
Rendell, Alan, B.A. - - - - -	1930	Rischbieth, Henry George, M.B., B.S. - - - - -	1942
Rendell, Margaret Patricia, M.A. - - - - -	1952	Rischbieth, John Ross, B.Sc. - - - - -	1937
†Renfrey, Arthur William, B.Ec. - - - - -	1959	Rischbieth, Oswald Henry Theodore, B.A. - - - - -	1909
Renfrey, Lionel Edward William, B.A. - - - - -	1938	Rischbieth, Richard Harold Charles, M.B., B.S. - - - - -	1951
Reni, Bruno, M.B., B.S. - - - - -	1956	Risely, Barrie Grenville, B.Sc. - - - - -	1956
Renner, Johannes Theodore Erich, B.A. - - - - -	1950	Ritens, Indulis, M.B., B.S. - - - - -	1955
Renney, John Thomas Goodchild, M.B., B.S. - - - - -	1955	Rix, Areta, B.A. - - - - -	1938
Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913) - - - - -	1919	Roach, Desmond Michael, B.E. - - - - -	1952
Retallick, Alan John, B.E. - - - - -	1955	Roach, John Carlyle, B.E. - - - - -	1921
Retallick, Bruce James, B.A. - - - - -	1935	Roark, Bruce Archibald, Ph.D. - - - - -	1956
B.Sc. - - - - -	1939	Robbins, Thomas Fellows, B.E. - - - - -	1940
Reuter, Colin Albert, B.D.S. - - - - -	1955	Robert, Douglas Bower, B.Sc. - - - - -	1942
Reynolds, Beatrice Mary Heywood, B.A. - - - - -	1924	Roberts, Arthur Bruce, LL.B. - - - - -	1922
†Reynolds, Bevan William, B.D.S. - - - - -	1959	Roberts, David Pearson, B.Sc. (Eng.) - - - - -	1947
Reynolds, Graeme Campbell, M.E. - - - - -	1958	Roberts, Ivor Charles, M.B., B.S. - - - - -	1952
Reynolds, Howard, B.Sc. - - - - -	1950	†Roberts, Jennefer Mary, B.A. - - - - -	1959
Reynolds, James Alan, B.E. - - - - -	1953	Roberts, Jillien Mary, LL.B. - - - - -	1949
Reynolds, John Heywood, B.A. - - - - -	1928	†Roberts, John Barry, B.Sc. - - - - -	1957
Reynolds, Lilo, B.A. - - - - -	1948	Roberts, John Desmond, B.A. - - - - -	1953
Reynolds, Maxwell Andrew, B.Sc. - - - - -	1951	Roberts, Joseph Armistice, M.B., B.S. - - - - -	1950
Reynolds, Maxwell Stanley, B.A. - - - - -	1948	Roberts, Nancy Mowbray, B.A. - - - - -	1947
Rhodes, Gwendoline Maude, LL.B. - - - - -	1939	Roberts, Richard Leslie, B.E. - - - - -	1953
†Rhymer, Lorna May, B.A. - - - - -	1957	Roberts, Robin Lea, B.A. - - - - -	1939
Rice, Brian George, B.Sc. - - - - -	1954	B.Ec. - - - - -	1956
Rice, John David, M.B., B.S. - - - - -	1930	Roberts, Roy, B.A. - - - - -	1956
Rice, Lawrence John, M.B., B.S. - - - - -	1948	†Roberts, Sheila Margaret, B.A. - - - - -	1959
†Rice, Michael Scollin, M.B., B.S. - - - - -	1959	Robertson, Alfred Bentley, B.E. - - - - -	1942
*Rice, Patrick William, M.B., B.S. - - - - -	1915	Robertson, Allison Alexander, B.E. - - - - -	1952
Rice, Phillip John, LL.B. - - - - -	1951	Robertson, Anthony Oliver, M.B., B.S. - - - - -	1956
Rice, Therese Marie, M.A. - - - - -	1947	Robertson, Betty Ann Fotheringham, B.A. - - - - -	1948
Rice, Vincent de Paul Lawrence, M.B., B.S. - - - - -	1933	†Robertson, Christopher Lumley, M.B., B.S. - - - - -	1957
Rice, William Mitton, B.E. - - - - -	1953	Robertson, Clara Enid, B.A. - - - - -	1929
Riceman, David Stirling, D.Sc., (M.Sc., 1947) - - - - -	1959	Robertson, Colin Frank, M.B., B.S. - - - - -	1954
Richards, Archibald Charles, M.A. - - - - -	1927	Robertson, David Stirling, Ph.D. (B.Sc., 1941) - - - - -	1954
Richards, Brian Gordon, B.E. - - - - -	1956	Robertson, Donald Alexander, LL.B. - - - - -	1934
†Richards, Bruce Leslie, B.Tech. - - - - -	1959	Robertson, Gwendoline Katherine, B.Sc. - - - - -	1948
Richards, Cecil Albert, M.A. - - - - -	1929	Robertson, Hall, B.E. - - - - -	1948
B.Sc. - - - - -	1931	Robertson, Ian Robert, B.E. - - - - -	1948
Richards, Clarence, B.Sc. - - - - -	1915	Robertson, Iris Esther, M.A. - - - - -	1925
M.B., B.S. - - - - -	1919	Robertson, James Struan, Ph.D. (D.Phil., Oxford) - - - - -	1950
Richards, Dudley Lewis, LL.B. - - - - -	1931	Robertson, Kenneth Alexander, B.A. - - - - -	1954
Richards, Eric Dean, M.B., B.S. - - - - -	1951	Robertson, Kenneth James, M.D.S. - - - - -	1953
Richards, Eva Gertrude, B.A. - - - - -	1914	Robertson, Leon Medley, B.E. - - - - -	1951
Richards, Fred Kither, B.Ec. - - - - -	1956	Robertson, Margaret Jean, B.A. - - - - -	1950
Richards, Sir Frederick William, LL.D. (London, 1896) - - - - -	1897	Robertson, Nancy Douglas, B.Sc. - - - - -	1945
Richards, Gordon Alfred, B.A. - - - - -	1937	Robertson, Ronald Peter, M.B., B.S. - - - - -	1945
Richards, James Ross, M.B., B.S. - - - - -	1954	Robertson, Sydney Clifford, B.Sc. - - - - -	1922
Richards, Kenneth Ross, B.Sc. - - - - -	1948	M.E. - - - - -	1935
Richards, Maxwell John, M.B., B.S. - - - - -	1954	Robertson, Thorburn Stirling Brails- ford, B.Sc. - - - - -	1948
Richards, Ronald Roy, B.Ag.Sc. - - - - -	1951	M.B., B.S. - - - - -	1953
Richards, Norman Alfred, M.D. (M.B., B.S., 1942) - - - - -	1951	Robertson, William Godfrey Pitcher, Ph.D. (M.Sc., 1951) - - - - -	1953
Richards, William Edward, B.A. - - - - -	1932	†Robertson, William Roy, B.E. - - - - -	1959
Richardson, John Milton, B.Ag.Sc. - - - - -	1952	Robin, Angus Geoffrey, B.Sc. - - - - -	1952
Richardson, John Patrick, M.B., B.S. - - - - -	1952	Robin, Charles Ernest, B.A. - - - - -	1886
Richardson, Middleton Bart, B.Sc. - - - - -	1941	†Robin, Philip Wendover, B.E. - - - - -	1959
Richardson, Patricia Sophia, M.B., B.S. - - - - -	1937	*Robin, Rowland Cuthbert, M.E. - - - - -	1932
Richardson, Robert William, B.E. - - - - -	1953	Robinson, Arthur James, B.E. (Mel- bourne, 1929) - - - - -	1937
Richardson, Ruth Mary Desmond, B.A. - - - - -	1954	Robinson, Donald Neil, M.B., B.S. - - - - -	1948
Richardson, Walter Murray, B.Sc. - - - - -	1951		
Riddell, Frank Scoular, M.B., B.S. - - - - -	1953		

* Deceased.

† Not yet Members of the Senate.

Robinson, Edgar, LL.B. - - - -	1912	Rowe, Ronald, M.B., B.S. - - - -	1954
Robinson, Edwin George, M.Sc. - - - -	1947	Rowe, Stanley Edgar, B.Sc. - - - -	1950
†Robinson, John Walton, B.E. - - - -	1957	Rowe, William Vivian, M.B., B.S. - - - -	1948
Robinson, Laurence Charles, M.Sc. - - - -	1959	Rowell, Keith Addison, B.E. - - - -	1938
Robinson, Marie Patricia, B.A. - - - -	1941	Rowland, John Howard, LL.B. - - - -	1937
Robinson, Mary Kelly, M.Sc. - - - -	1951	Rowlands, Edward John, B.Sc. - - - -	1948
Robinson, Michael Alexander, M.B., B.S. - - - -	1954	Rowley, Rex Cameron, B.Sc. - - - -	1951
†Robinson, Michael Laurence, B.E. - - - -	1959	Roy, Bimal Chandra, B.D.S. - - - -	1956
*Robinson, Sir Roy Lister, B.Sc. - - - -	1903	*Rudall, Reginald John, LL.B. - - - -	1906
Robjohns, Henry Collin, M.B., B.S. - - - -	1932	Rudd, Eric Aroha, B.Sc. - - - -	1930
*Robjohns, Leonard, B.A. (Sydney, 1894) - - - -	1920	Rudd, Kenneth Clive, B.A. - - - -	1947
Robless, Cosmas Linus, B.Ec. - - - -	1956	Rudrum, Alan William, B.A. (London, 1954) - - - -	1959
Rochlin, Aaron, LL.B. - - - -	1921	Ruediger, Malcolm Milton, B.A. - - - -	1954
Rochlin, Elijah, LL.B. - - - -	1928	*Rule, Vernon Arthur, B.A. - - - -	1936
†Rochow, Keith Arnold, B.Sc. - - - -	1958	†Rumball, Bruce Lansley, B.Tech. - - - -	1958
Rodbourn, Arthur, B.Ec. - - - -	1951	Russell, Albert William, M.B., B.S. - - - -	1949
Rodda, Harold James, M.Sc. - - - -	1945	Russell, Alfred Burgess, M.B., B.S. - - - -	1919
Roder, John Herbert, M.A., LL.B. - - - -	1951	Russell, Eric Alfred, B.Ec. (B.Corn. Melbourne, 1943) - - - -	1954
Rodger, Geoffrey James, B.Sc. - - - -	1915	Russell, Ernest Albert Harold, M.B., B.S. - - - -	1911
Rodger, John Geoffrey, B.E. - - - -	1953	Russell, Ernest Alfred David, M.B., B.S. - - - -	1949
Rodgers, Frances Ada, B.A. - - - -	1928	Russell, Frank Henderson, B.E. - - - -	1950
†Rodgers, William Orril, M.B., B.S. - - - -	1959	*Russell, Herbert Henry Ernest, M.B., Ch.B. (Melbourne, 1899) - - - -	1899
Roe, Geoffrey Palmer, B.Ag.Sc. - - - -	1951	M.D. - - - -	1905
Roehrs, Herma Erika, B.A. - - - -	1945	Russell, Janet Barbara, M.B., B.S. - - - -	1947
Rofe, Bryan, B.Sc. - - - -	1939	Russell, John Samuel, B.Ag.Sc. - - - -	1948
Rofe, Rodney Broughton, B.Ec. - - - -	1956	Russell, Robert Alfred, M.B., B.S. - - - -	1943
Rogasch, Peter Edwin, M.Sc. - - - -	1957	Russell, Ronald Edyvane, M.B., B.S. - - - -	1946
†Rogers, Anthony Howard, B.Sc. - - - -	1957	†Russell, Ronald Thomas, B.Sc. - - - -	1957
Rogers, Charles Malcolm, B.E. - - - -	1939	Russell, Walter Alfred, M.B., B.S. - - - -	1935
Rogers, Ian Frederick, B.D.S. - - - -	1951	†Rutter, John Lyall, M.B., B.S. - - - -	1958
†Rogers, Ian Stansfield, B.Ag.Sc. - - - -	1958	Ryan, Edward Clifford Lee, M.B., B.S. - - - -	1935
Rogers, Irene Blanche, M.A. - - - -	1932	†Ryan, Gerald Anthony, M.B., B.S. - - - -	1959
Rogers, John Andrew, M.B., B.S. - - - -	1952	Ryan (nee Pank), Gladwys Ruth, B.A. - - - -	1933
Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923) - - - -	1925	Ryan, John William, B.Ag.Sc. - - - -	1950
Rogers, Ruth Nellie, B.A. - - - -	1955	†Ryan, Maurice John, B.Ec. - - - -	1958
Rogers, Theodore Stansfield, B.E. - - - -	1928	Ryan, Michael Rupert, B.A. - - - -	1939
†Rogers, Warren McIntosh, LL.B. - - - -	1958	Ryan, Naomi Rosslyn, M.B., B.S. - - - -	1940
B.Ec. - - - -	1959	Ryan, Sydney Lawrence, B.A. - - - -	1956
Rogers, William Percy, Ph.D. (London) - - - -	1952	Ryan, Victor Lloyd Percival, LL.B. - - - -	1938
Rolland, James Alexander, M.B., B.S. - - - -	1917	Rymill, Frances Carstairs, B.A. - - - -	1936
Rolland, James Alexander Bryan, M.B., B.S. - - - -	1943		
Rolland, William Maitland, B.A. - - - -	1936	S	
Rollison, John William, M.B., B.S. - - - -	1925	†Sabaratnam, Jegathesan, M.B., B.S. - - - -	1957
Ronai, Tibor, M.B., B.S. - - - -	1948	†Sabel, John Adolf, B.A. - - - -	1959
Ronald, Ian Douglas, B.D.S. - - - -	1950	*Sabine, Ernest Maurice, LL.B. - - - -	1891
Rook, Kevin Maxwell, B.Sc. - - - -	1947	Sabolich, Thomas Matthew, B.E. - - - -	1952
Rooney, Clifford, B.Sc. - - - -	1929	†Sacharias-Saarelinn, Nina, M.B., B.S. - - - -	1957
Rooney, Gwennyth Minnie, B.A. - - - -	1934	Saddler, Bruce Alder, B.E. - - - -	1931
Rooney, Lois Josephine, B.A. - - - -	1945	†Sag, Andrew Gabriel, B.E. - - - -	1959
Rooney, Marjorie Winnifred, B.A. - - - -	1949	Sage, Harold Robert, B.A. - - - -	1953
†Roper, Robert George, B.Sc. - - - -	1957	Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948) - - - -	1951
Rose, Gordon Albert, B.E. - - - -	1951	Sainsbury, Robert William James, B.E. - - - -	1951
Rosenberg, Mendel Wolf, M.B., B.S. - - - -	1942	Saksena, Hari Krishna, Ph.D. - - - -	1953
Rosenhain, Geoffrey, M.A. - - - -	1950	†Sallis, John Dalwood, B.Sc. - - - -	1958
Rosenstein, Nicholas Felix, M.B., B.S. - - - -	1956	Salter, Douglas Munro, M.B., B.S. - - - -	1926
Rosman, Frank Edgar, B.Sc. - - - -	1908	Salter, William Fulton, M.B., B.S. - - - -	1936
Ross, Alexander David, D.Sc. (Glasgow) - - - -	1926	Samaha, Tomie Samuel, M.B., B.S. - - - -	1954
Ross, Dudley Bruce, LL.B. - - - -	1914	Samcewicz, Zdzislaw Ryszard, B.E. - - - -	1955
*Ross, Sir Ian Clunies, D.Sc. (New England) - - - -	1957	Samelowitz, Neil, M.B., B.S. - - - -	1950
†Ross, Maxwell Alexander, B.Ag.Sc. - - - -	1959	Sampson, Dulcie Joyce, Mus.Bac. - - - -	1938
Ross, Nadeen Adoree, B.A. - - - -	1951	Sampson, John Coffey, B.D.S. - - - -	1951
Ross, Sydney George Frederick, B.E. - - - -	1949	Samuel, Geoffrey, M.Sc. - - - -	1926
Ross, William Alexander, LL.B. - - - -	1947	Samuel, Helen Josephine, B.A. - - - -	1939
Rossiter, James Leonard, M.A. - - - -	1912	Sandeman, Ronald John, B.Sc. - - - -	1951
Rounsevell, James Corryton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - -	1947	Sandercock, Alfred Mervyn, B.A. - - - -	1936
†Routley, Peter Herbert, B.A. - - - -	1959	Sandercock, Rex Glynde, B.Sc. (Eng.) - - - -	1943
Rowe, Albert Percival, B.Sc. (London, 1922) - - - -	1948	Sanders, Grace Annie, B.A. - - - -	1920
Rowe, Allan Gordon, M.B., B.S. - - - -	1942	Sanders, Harold William, B.A. - - - -	1912
Rowe, Colin Davies, LL.B. - - - -	1934	Sanders, Irma Mary, B.A. - - - -	1943
Rowe, Ernest Thomas, B.Sc. - - - -	1920	Sanders, John Veysey, B.Sc. - - - -	1944
Rowe, Fletcher David, M.B., B.S. - - - -	1945	Sanders, Mostyn Clifford, B.Sc. - - - -	1944
Rowe, George Eddy, B.Ec. - - - -	1956	Sanders, Robert William, B.E. - - - -	1948
Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered) - - - -	1949	Sanderson, John Gavin, M.Sc. - - - -	1958
		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

* Deceased. † Not yet Members of the Senate.

Sandford, Robert Max, B.Sc. - - -	1943	†Schulz, Margaret Ruth, B.Sc. - - -	1958
Sandison, Alexander, M.B. (Edinburgh, 1906) - - -	1906	Schulz, Robert George, M.B., B.S. - - -	1947
Sandison, Alexander Geoffrey, M.B., B.S. - - -	1956	Schumacher, Colin Stephen, B.E. - - -	1954
Sando, Allan Frederick (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - - -	1945	†Schunke, Richard Hugh, B.Sc. - - -	1959
Sando, Clarice Melva, B.A. - - -	1955	†Schuppan, Dene Thomas, B.Tech. - - -	1959
Sando, Margaret, B.Sc. - - -	1955	Schutz, Raymond Alfred, B.E. - - -	1949
Sando, Maurice James Wilson, M.B., B.S. - - -	1953	Schwab, Gordon Ernest, B.Sc. - - -	1950
Sandover, William Ewan, M.B., B.S. - - -	1951	†Schwartz, Barry Walter, B.E. - - -	1959
Sandow, Richard Henry, B.D.S. - - -	1951	Schwartz, Colin John, M.D. (M.B., B.S., 1955) - - -	1959
Sands, Desmond Montague Willington, B.D.S. - - -	1934	Schwarz, Eugene Robertson, B.Sc. - - -	1939
Sangster, Alexander Keith, LL.B. - - -	1934	†Schwarz, Philip John David, M.B., B.S. - - -	1957
Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931) - - -	1941	Scobie, John Hedger, M.B., B.S. - - -	1949
Sangster, David Flower, B.Sc. - - -	1945	Scoble, Sidney John, B.A. - - -	1936
Sangster, John William, M.B., B.S. - - -	1939	Scollin, James, B.D.S. - - -	1932
Sansom, Joyce Mary, Mus.Bac. - - -	1947	Scott, Alfred Eric, M.Sc. - - -	1928
Sargent, Rex James, M.B., B.S. - - -	1929	Scott, Douglas Cussen, B.Sc. - - -	1955
Sargeson, Alan McLeod, B.Sc. (Sydney, 1952) - - -	1957	Scott, Jeffrey Frank, LL.B. - - -	1949
Sarre, Malcolm Glen, M.B., B.S. - - -	1945	B.Ec. - - -	1955
Sarre, Vera Georgina, B.A. - - -	1917	Scott, Michael Arthur MacDonald, M.A. (M.Sc. National University, Ireland, 1934) - - -	1958
Sarre, Winifred Grace, B.A. - - -	1953	Scott, Philip Earle, B.E. - - -	1954
†Sasse, Hans Christopher, B.A. - - -	1957	Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered for B.E., 1913) - - -	1913
Sasse, Wolfgang Hermann Fritz, Ph.D. (B.Sc., 1953) - - -	1957	Scott, Trevor Dennison, M.Sc. - - -	1955
Sauer, Henri Hugo Albert, M.B., B.S. - - -	1952	Scragg, Roy Frederick Rhodes, M.D., (M.B., B.S., 1946) - - -	1955
Saulite, Elfrida, B.D.S. - - -	1952	Scragg, Walter Robert Lambert, B.A. - - -	1950
†Saunders, Graham Edward, B.A. - - -	1959	Scriven, Murray Walter, B.A. - - -	1947
Saunders, John Milton, M.B., B.S. - - -	1952	Scriven, Wilton Maxwell, B.Sc. - - -	1953
Saunders, Pepita Cerda, LL.B. - - -	1925	Scrymgeour, Peter Robert, B.E. - - -	1956
Savage, Arthur Charles, M.B., B.S. - - -	1928	Seaman, Gilbert Frederick, B.Ec. - - -	1935
Savage, Charles Arthur, B.A. - - -	1954	Seaman, Keith Douglas, B.A. - - -	1951
Savage, Joseph Patrick, M.B., B.S. - - -	1954	LL.B. - - -	1955
Sawers, Donald Alexander, B.Sc. (Eng.) - - -	1942	†Seaman, Robert Scott, B.Sc. - - -	1958
Sawers, Ronald John, M.B., B.S. - - -	1942	†Seamark, Robert Frederick, B.Ag.Sc. - - -	1959
†Sawicki, Thaddeus John, M.B., B.S. - - -	1958	Searle, Clifford Alfred James, B.A. - - -	1937
Sawley, Darrell Frederick, B.Sc. - - -	1929	Searle, Frederick John, B.A. - - -	1902
†Sawley, Jennifer Ann, B.A. - - -	1959	Searle, Hartley Malcolm, B.A. - - -	1932
Scalles, William Arthur, LL.B. - - -	1930	B.Sc. - - -	1935
Scarborough, Eric Charlton, B.E. - - -	1951	Sears, Harold William, B.Sc. - - -	1943
†Scarborough, Lincoln John, B.Tech. - - -	1959	Searson, William George, B.E. - - -	1953
†Scarce, John Desmond, B.E. - - -	1957	Sedgley, Ralph Herald, M.Ag.Sc. (B.Ag.Sc., 1954) - - -	1959
Scarfe, Elwyn Bewell, LL.B. - - -	1940	Sedgwick, Antony William, B.A. (Birmingham, 1955) - - -	1959
†Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - -	1948	†Seary, Keith John, B.Tech. - - -	1958
Scarlett, Robert Dalley, Mus.Doc. (Mus.Bac., 1926) - - -	1934	Seedsman, Donald John, B.Sc. - - -	1948
Schache, Alma Olga Antonia, B.A. - - -	1909	Seedsman, Kenneth Reginald, B.Sc. - - -	1951
Schaefer, Ronald, M.B., B.S. - - -	1956	Seekamp, Jack Victor, B.Ag.Sc. - - -	1942
†Schaefer, Carl Hannaford, M.B., B.S. - - -	1919	Seglenicks, Zigurds, M.B., B.S. - - -	1955
†Schaefer, Helene Judith, B.Sc. - - -	1957	Segnit, Edgar Ralph, M.Sc. - - -	1945
Schaefer, Max Ernest Hannaford, B.D.S. - - -	1923	Segnit, Ralph Walter, B.Sc. (Oxford, 1922) - - -	1922
†Schild, Maurice Edmund, B.A. - - -	1958	Seidler, Jan Hynek, M.Sc., B.A. - - -	1954
Schirmer, Gerhart Percy, B.Ec. - - -	1951	Seith, Wolfram Immanuel, M.B., B.S. - - -	1949
†Schmid, Laurence John, B.E. - - -	1959	Sellers, Ada, B.A. - - -	1928
Schmidt, Lewis Walter, B.Sc. - - -	1940	Selth, Donald Victor, B.A. - - -	1949
Schneider, Michael, M.B., B.S. - - -	1925	Selth, Geoffrey Poole, B.A. - - -	1951
Schneider, Michael Philip, B.A. - - -	1955	Semler, Clifford Gerhardt, M.B., B.S. - - -	1940
Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932) - - -	1946	Semmens, Francis John, B.Sc. - - -	1928
Schneider, Walter Herman, M.E. - - -	1945	Semmler, Clement William, M.A. - - -	1938
Schneider, Wilfred, B.E. - - -	1922	Semple, Kenneth Hugh, B.A. - - -	1950
Schneider, Wilfred Carl, M.A. - - -	1932	Senior, Judith Rae, B.Sc. - - -	1955
†Schodde, Richard, B.Sc. - - -	1959	Senior, Lionel Rupert, B.Sc. - - -	1929
Scholar, Ernest, B.A. - - -	1941	B.A. - - -	1947
Scholz, William Herbert, M.B., B.S. - - -	1954	Senior, Rex Clifton, M.B., B.S. - - -	1952
Schroder, Ernest William, B.E. - - -	1955	Seppelt, Ian Howe, B.Sc. - - -	1932
Schroder, Judith, B.Sc. - - -	1950	Seppelt, Yvonne Granville, M.B., B.S. - - -	1946
†Schubert, Cedric Felix, B.Sc. - - -	1957	Sergeant, Maxwell Stuart, LL.B. - - -	1934
†Schubert, Frank Helmut, B.A. - - -	1934	Sewell, Charles Edward, LL.B. - - -	1886
Schudmak, Henry, M.B., B.S. - - -	1949	Sexton, Edgar Raymond, B.A. - - -	1931
†Schuetz, Harold Edwin, B.A. - - -	1953	†Shakes, Brian Douglas, B.E. - - -	1959
°Schulz, Adolf John, B.A. - - -	1905	Shakes, David James, M.B., B.S. - - -	1955
M.A. (Ph.D., Zurich, 1908) - - -	1909	Shanahan, Margaret Carmel, B.A. - - -	1956
Schulz, Ernst Adolph, B.E. - - -	1931	Shanahan, Michael Francis, M.B., B.S. - - -	1956
Schultz, Gordon Ray, B.A. - - -	1950	Shanahan, Patrick William, M.B., B.S. - - -	1928
†Schultz, Peter Kasimir, B.Sc. - - -	1959	Shannon, James Stanley, B.Sc. - - -	1949
Schultz, Roydon Donald, B.Sc. - - -	1954	Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1949
		Shannon, Richard John, B.E. - - -	1949
		Shapley, William George, B.E. - - -	1952

° Deceased.

† Not yet Members of the Senate.

Sharley, Aubrey Neville, B.E. - - -	1954	Silver, Harold, B.E. - - - - -	1956
Sharley, Elma May, B.A. - - -	1937	†Silver, Meredith May, M.B., B.S. - - -	1957
Sharma, Romesh, M.B., B.S. - - -	1954	†Silver, Malcolm David, M.B., B.S. - - -	1957
Sharman, Arthur Edward, B.E. - - -	1926	†Silver, Phillip Laurence, B.E. - - -	1957
Sharman, Ethel Olive, B.A. - - -	1915	Simes, Dean John, B.E. (Interim B.Sc.	
Sharp, Bruce Burnell, M.E. - - -	1955	(Eng.), 1943, surrendered) - - -	1947
Sharp, Warren Player, B.Ec. - - -	1954	Simes, Irene Pamela, B.Sc. - - -	1956
Sharpe, Edmund John, B.E. - - -	1932	Simm, John, B.E. - - - - -	1956
*Sharpe, William George, B.Sc. - - -	1936	Simmonds, David Hubert, M.Sc. - - -	1948
Shaw, Alice Mary Stockdale, B.A. - - -	1929	†Simmonds, Douglas Thomas, B.Tech.	1958
Shaw, James Barry, B.Sc. - - -	1904	Simmonds, Rachel Elizabeth, B.A. - - -	1948
Shaw, Joan Hambly, B.A. - - -	1947	Simmons, Donald William, B.Ec. - - -	1949
Shaw, John Robert Stockdale, M.A. - - -	1933	Simmons, Geoffrey Clive, B.Sc. - - -	1945
Shaw, Lindsay Norman, B.Ec. (Sydney, 1950) - - -	1955	Simmons, Marie Yvonne, B.A. - - -	1952
Shaw, Peter John Randall, B.Sc. - - -	1949	Simons, Alfred, M.B., B.S. - - -	1942
Shea, Brian Joseph, M.B., B.S. - - -	1951	Simons, Arthur Nicholas, B.Sc. - - -	1951
Sheard, Joan Philippa, B.A. - - -	1955	M.B., B.S. - - - - -	1958
Shearer, Clifford George Tregoe, B.A. B.Ec. - - -	1937	Simpson, Alfred Moxon, B.Sc. - - -	1930
Shearer, Harvey Albert, B.A. - - -	1936	Simpson, Donald Allen, M.B., B.S. - - -	1949
†Shearer, Robert Clifford, B.Ag.Sc. - - -	1959	Simpson, Frederick William, M.B., B.S. - - -	1934
Shedley, Alfred Charles, B.Sc. - - -	1919	Simpson, Hugh Denney, B.Sc. - - -	1920
Sheedy, Redmond Stuart Parnell, M.B., B.S. - - -	1952	B.A. - - - - -	1921
†Shekleton, Peter Reginald, B.A. - - -	1957	Simpson, Penelope Margaret, B.Sc. - - -	1949
*Shellshear, Joseph Lexden, M.S. (Sydney, Ch.M., 1907) - - -	1926	Simpson, Robert Allen, B.E. - - -	1934
Shepherd, Stanley Maxwell, B.Sc. - - -	1948	Sims, Clive Moir, M.Sc. - - -	1957
Shepherd, David Wickham, M.B., B.S. - - -	1938	Sims, Eric Baldwin, M.D. (M.B., B.S., 1940) - - -	1948
Shepherd, Elizabeth Miriam, B.A. - - -	1947	Sims, Milton Reginald, B.D.S. - - -	1950
Shepherd, Geoffrey Lincoln, LL.B. - - -	1930	Sims, Roxy, B.A. - - - - -	1933
Shepherd, John Alfred, B.A. - - -	1929	†Sims, William George, B.Sc. - - -	1957
Shepherd, John Henry, B.A. - - -	1935	Sinclair, Walter Gordon Clyde, B.Sc. - - -	1923
Shepherd, M.Sc. - - - - -	1947	Sinclair, William Malcolm, M.B., B.S. - - -	1911
Shepherd, Kenneth William, B.Ag.Sc. - - -	1956	†Sindhu, Santokh Singh, M.B., B.S. - - -	1959
†Shepherd, Peter Byron, M.B., B.S. - - -	1957	†Singh, Amrao, B.E. - - - - -	1958
Shepherd, Reginald George, B.Sc. - - -	1953	†Singh, Narindar, M.B., B.S. - - -	1958
†Shepherd, Scoresby Arthur, LL.B. - - -	1958	†Singh, Prithvipall, M.B., B.S. - - -	1958
B.A. - - - - -	1959	Singh, Rajendra, Ph.D. - - - - -	1953
Shepley, Arthur Raymond, B.Sc. - - -	1923	Sinnott, Patricia Margaret, B.A. - - -	1956
B.E. - - - - -	1924	†Siviour, Neil Graham, B.Tech. - - -	1958
Shepley, Estelle Ann, M.Sc. - - -	1956	Sizer, Marion Betty, B.Sc. - - -	1954
Shepley, Leslie Herbert Hamilton, LL.B. - - -	1909	Skewes, Edward Foster, LL.B. - - -	1917
Sheppard, Mark Yeatman, M.B., B.S. - - -	1942	Skinner, Brian John, B.Sc. - - -	1950
Sheppard, Robert Alexander William, B.Sc. - - -	1942	Skinner, Cecil Reginald Allenby, B.E. - - -	1949
Shield, Judith Adelaide, B.A. - - -	1948	Skinner, Helen Catherine Wild, Ph.D. - - -	1959
Shierlaw, Howard Alison, LL.B. - - -	1902	†Skinner, Sandford Lloyd, M.B., B.S. - - -	1958
Shierlaw, Norman Craig, B.E. - - -	1949	Skipper, John Stark, M.B., B.S. - - -	1944
Shinkfield, Anthony James, B.A. - - -	1955	Skipper, Stanley Herbert, LL.B. - - -	1901
Shinkfield, Cecil Charles, M.A. (Cambridge, 1930) - - -	1953	Skuce, Beryl Marion Rebecca, B.A. - - -	1934
Shinkfield, Marian Ruth, B.A. - - -	1949	Sladdin, John Naulty, M.B., B.S. - - -	1953
Shinkfield, Roger John, B.E. - - -	1954	Slade, John Harman, M.B., B.S. - - -	1946
*Shipway, Graham Stuart, M.B., B.S. - - -	1916	Slade, Kathleen Nellie, B.A. - - -	1942
Shirpurkar, Gajanan Ramchandra, M.Sc. - - -	1949	Slarks, Geoffrey Herbert, B.E. - - -	1954
Shoebridge, Ivan, LL.B. - - - - -	1929	Slater, Allan, B.E. - - - - -	1953
Short, David Charles, B.E. - - - - -	1956	Slattery, Francis James, B.E. - - -	1952
Short, David Weddell, M.B., B.S. - - -	1940	Slattery, Mary, B.A. - - - - -	1931
Short, Kerwin Alfred Robert, B.E. - - -	1927	Slaughter, Colin Sidney, B.E. - - -	1954
Short (nee Stephens), Lillian Mary Theakstone, M.A. - - - - -	1938	†Slaytor, William John Hayden, B.A. - - -	1959
Shortridge, Dennis Thorman, M.B., B.S. - - -	1938	Slee, Dugald Haughton, B.Sc. - - -	1930
Shrowder, Ronald Louis, B.A. - - -	1940	B.A. - - - - -	1932
Shub, Samuel, M.B., B.S. - - - - -	1953	†Slee, Graham Haughton, B.E. - - -	1959
Shuter, Richard Ernest, M.B. (Melbourne, 1891) - - - - -	1895	Slee, Ian Bruce, B.A. - - - - -	1950
†Shutt, Donald Allen, B.Sc. - - - - -	1959	†Slee, Walter Vernon, B.Sc. - - - - -	1959
Sibly, Pamela Maslin, M.Sc. - - - - -	1950	Sleeman, James Garnet, M.D. (M.B., B.S., Melbourne, 1915) - - -	1927
Sibthorpe, Gwennyth, M.B., B.S. - - -	1946	Sleeman, William John, M.B., B.S. - - -	1947
†Sidhu, Harcharan Singh, M.B., B.S. - - -	1958	Slim, His Excellency Field Marshal Sir William Joseph, LL.D. (Oxford, Cambridge, Sydney, Birmingham, Leeds and New England) - - -	1956
Sieber, Clarence Bertram, B.E. - - -	1926	Sloman, Arthur Raymond, B.Sc. - - -	1937
†Siebert, Brian David, B.Sc. - - - - -	1959	Smale, Thomas Charles, B.A. - - -	1950
Siegele, John Louis, B.Sc. - - - - -	1945	Smallacombe, Roy Frederick, B.A. - - -	1953
†Siegele, Trevor Martin, B.Ec. - - - - -	1958	Smart, John Jamieson Carswell, M.A. (Glasgow, 1946) - - - - -	1951
Siglin, Max, M.B., B.S. - - - - -	1954	Smart, Lawrence Maxwell, B.D.S. - - -	1950
Sigmont, Victor Charles, B.A. - - - - -	1950	*Smeaton, Bronte, M.B., B.S. - - -	1896
Silsbury, James Henry, M.Ag.Sc. (M.Sc. (Agric.), Western Australia, 1958) - - - - -	1959	*Smeaton, Bronte Creagh, M.B., B.S. - - -	1928
		Smeaton, John Anthony, B.E. - - -	1939
		Smerdon, David Rutherford, B.D.S. - - -	1951
		Smerdon, John Rutherford, B.D.S. - - -	1946
		Smibert, George James, M.B., B.S. - - -	1954
		Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904) - - - - -	1934

* Deceased.

† Not yet Members of the Senate.

Smith, Adrian Milton, B.Ec.	- - -	1949	Smith, Sinclair Joseph, M.B., B.S.	- - -	1955
Smith, Alfred Earle, LL.B.	- - -	1937	Smith, Stuart Meldrum, B.A.	- - -	1949
Smith, Alick Hardy, B.A.	- - -	1948	Smith, Vera Lisnagore, B.A.	- - -	1934
Smith, Aloysius Daly Virgilius, M.B., B.S.	- - -	1928	Smith, Walter Leonard, M.B., B.S.	- - -	1914
Smith, Annie Ethel, B.A.	- - -	1935	Smith, William Irving Berry, B.Sc.	- - -	1940
Smith, Barry Whitmore, B.A.	- - -	1956	Smyth, Isabel Agnes Ekin, B.A.	- - -	1905
Smith, Brian Arnold, B.E.	- - -	1940	Smyth, Robert Walter, B.E.	- - -	1955
Smith, Brian Hartley, B.E.	- - -	1950	†Snelling, Peter John, B.Tech.	- - -	1959
Smith, Cairns William Villeneuve, LL.B.	- - -	1951	Snewin, Gwendoline Marjorie Jean, B.A.	- - -	1925
Smith, Cecil Teesdale, M.A.	- - -	1945	Snewin, John Arthur, LL.B.	- - -	1951
Smith, Cedric Alfred Neal, B.Ag.Sc.	- - -	1933	†Snoswell, Alan Marlow, B.Sc.	- - -	1956
Smith, Daisy Maude, B.A.	- - -	1922	Snow, Richard Adrian Wilfrid, B.D.S.	- - -	1940
Smith, David Carswell, B.A.	- - -	1931	Snow, Wilfred Rippon, B.E.	- - -	1914
Smith, David Floyd, B.Ag.Sc.	- - -	1951	†Snowden, Janette Daphne, B.A.	- - -	1958
Smith, David Gordon Law, M.B., B.S.	- - -	1953	Soar, Dudley Turner, B.Ec.	- - -	1951
Smith, David Nichol, D.Litt. (Camb.)	- - -	1951	Sobey, Iris Beatrice, B.A.	- - -	1944
Smith, Dene Martindale, B.D.S.	- - -	1955	Sobey, Reginald Roberts, M.B., B.S.	- - -	1942
†Smith, Donald Stevenson, M.B., B.S.	- - -	1957	Soehroto, Oentoeng, B.Ec.	- - -	1955
Smith (nee Gardner), Edith Josephine Viner, B.A.	- - -	1906	Sollas, William Johnstone, D.Sc. (Cambridge)	- - -	1914
Smith, Edward Mackie, B.E.	- - -	1939	Solly, Janet Elizabeth, M.B., B.S.	- - -	1952
Smith, Edward Rowland, B.Sc.	- - -	1942	Solly, William Warburton, B.Sc.	- - -	1948
Smith, Ewart Austral, M.B., B.S.	- - -	1951	Solomon, George Herbert, M.B., B.S.	- - -	1927
Smith, Frank Berry, D.Sc. (B.Sc., 1903)	- - -	1937	Solomon, Helen Ethel, LL.B.	- - -	1935
Smith, Frank Stewart, M.B., B.S.	- - -	1956	*Solomon, Isaac Herbert, B.A.	- - -	1895
Smith, Gavin Viner, M.B., B.S.	- - -	1937	LL.B.	- - -	1898
Smith, Gordon Wearing, M.B., B.S.	- - -	1925	Solomon, Judah Moss, B.A.	- - -	1888
Smith, Harold Reid, LL.B.	- - -	1939	LL.B.	- - -	1891
Smith, Ian Darian, M.D. (M.B., B.S., 1951)	- - -	1956	Solomon, Susan Selina, B.Sc.	- - -	1890
Smith, Iris Eileen, B.A.	- - -	1930	Solomons, Barnet, M.B., B.S.	- - -	1922
Smith, Ivan Ford, B.A.	- - -	1953	Somerset, Forbes Mitchell, B.E.	- - -	1941
Smith, Jack Edwin, B.Sc.	- - -	1934	Somerville, Archibald Shierlaw Ralph, LL.B.	- - -	1922
Smith, James Clyde, B.E.	- - -	1938	Somerville, Christopher Malcolm, B.D.S.	- - -	1952
Smith, James Wearing, B.E.	- - -	1924	Somerville, Dorothy Christine, B.A.	- - -	1918
Smith, Joan Frances, B.A.	- - -	1948	LL.B.	- - -	1921
Smith, John Bertrand, B.Sc.	- - -	1943	Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered for B.E., 1919)	- - -	1919
*Smith, John Edgar, B.Sc. (Victoria, 1901)	- - -	1919	Somerville, Sesca Lewin, B.A.	- - -	1916
Smith, John Fife, B.A.	- - -	1929	Somerville, Thomas Joseph, B.Ec. (B.Comm., National University of Ireland, 1955)	- - -	1959
†Smith, John Henry, B.A.	- - -	1959	†Soper, Graham Michael, B.Ec.	- - -	1957
Smith, John Jeffreys, LL.B.	- - -	1932	Sorrell, Margaret Walter, B.A.	- - -	1925
†Smith, John Royle Casley, B.Sc.	- - -	1957	Souillac, Marie Jacques Henri, M.A. (L. es L., Diplôme d'Etudes Supérieures, Grenoble, 1945)	- - -	1959
M.B., B.S.	- - -	1959	Soukup, Dorothy Mavis, M.B., B.S.	- - -	1951
Smith, John Wasley, M.B., B.S.	- - -	1953	†Souter, Brian Heylen, B.D.S.	- - -	1956
Smith, John Wilton, B.Sc.	- - -	1952	Souter, Douglas Todd, M.B., B.S.	- - -	1949
Smith, Keith, LL.B.	- - -	1953	Souter, John Francis, M.B. (Aberdeen, 1889)	- - -	1897
Smith, Keith Kenneth Masefield, B.A.	- - -	1942	Souter, Robert John de Neufville, M.B., B.S.	- - -	1923
Smith, Keith Viner, M.B., B.S.	- - -	1939	South, Peter Moncrief, B.Sc.	- - -	1956
*Smith, Kenneth William Algernon, B.Sc.	- - -	1923	South, Ronald Robert, B.D.S.	- - -	1951
Smith, Kenneth Wilmot Vernon, B.E.	- - -	1937	Southcott, Jean Wauchope, B.A.	- - -	1921
Smith, Louis Campbell, B.Ag.Sc.	- - -	1951	Southcott, Ronald Vernon, M.D. (M.B., B.S., 1941)	- - -	1957
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered for B.E., 1914)	- - -	1914	Southcott, Rosemary Enid, B.Sc.	- - -	1954
Smith, Lynden Rae Forbes, M.B., B.S.	- - -	1958	Southgate, Deane Oakford, M.B., B.S.	- - -	1955
Smith, Margaret, M.Sc.	- - -	1958	Southwood, Albert Ray, M.D. (M.B., B.S., 1916)	- - -	1920
Smith, Mary, M.A.	- - -	1932	M.S.	- - -	1925
Smith, Mary Theresa, B.A.	- - -	1935	Southwood, Harry Milton, B.Sc.	- - -	1936
Smith, Maxwell Herbert, B.Sc.	- - -	1940	M.D. (M.B., B.S., 1932)	- - -	1943
Smith, Melva Estelle, B.A.	- - -	1942	Southwood, Richard Taunton, M.B., B.S.	- - -	1956
Smith, Mervyn Keith, M.B., B.S.	- - -	1944	Spain, Brian James, B.E.	- - -	1956
Smith, Murray George, B.E.	- - -	1954	†Spalvins, Janis Gunars, B.Ec.	- - -	1959
Smith, Pamela Darien, B.A.	- - -	1954	*Spargo, Stanley Carr, B.A.	- - -	1931
Smith, Peter Brian, M.B., B.S.	- - -	1954	Spark, Mavis Constance, B.A.	- - -	1947
Smith, Primrose Mary Viner, B.A.	- - -	1940	Sparrow, Lorna Discombe, M.A.	- - -	1934
Smith, Raydon Berry, B.E.	- - -	1917	B.Ec.	- - -	1941
Smith, Raymond Thomas, B.Sc.	- - -	1932	Sparrow, Maxwell Elliott, B.E.	- - -	1934
Smith, Rayner Whitmore, M.B., B.S.	- - -	1953	Specht, Raymond Louis, Ph.D. (M.Sc., 1950)	- - -	1954
Smith, Richard Milne, M.Sc. (B.Sc., 1948)	- - -	1959	†Speed, Isobel Ethel, M.B., B.S.	- - -	1957
Smith, Richard Waldemar Law, B.A.	- - -	1955	Speirs, William McMillan, B.A.	- - -	1949
*Smith, Robert James Brazil, B.D.S.	- - -	1921	†Spence, Colin Everett, B.A.	- - -	1958
†Smith, Rodney Burden, B.E.	- - -	1959	†Spence, David Norman, M.B., B.S.	- - -	1957
Smith, Roger, M.E. (B.E., 1956)	- - -	1959			
Smith, Ronald Norman, B.E.	- - -	1933			
Smith, Sheila Isabel Wesley, B.A.	- - -	1944			
Smith, Sidney William, B.E.	- - -	1937			

* Deceased.

† Not yet Members of the Senate.

†Spence, Robin Douglas James, M.B., B.S. - - - - -	1957	Steven, Ian Matheson, M.B., B.S. - - -	1956
Spencer, Donald, Ph.D. - - - - -	1953	*Steven, Walter Edward, M.B., B.S. - - -	1920
Spencer, Leslie Brian, B.Sc. - - - - -	1951	*Stevens, Aubrey Clement, M.A. - - -	1923
Sperber, Joan Ilma, B.Sc. - - - - -	1955	Stevens, Edgar Loveday, LL.B. - - -	1919
Spitz, Francis, B.Ec. - - - - -	1956	Stevens, John Alfred Fortington, B.D.S. -	1948
Spooner, Edgar Clynton Ross, D.Sc. (Tasmania, 1946) - - - - -	1949	†Stevens, John Arnold, B.E. - - - - -	1958
†Spratt, James Arthur Henry, B.Sc. - - -	1957	Stevens, Richard Barrymore, B.E. - - -	1952
B.A. - - - - -	1958	Stevens, Robert Peter (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - - -	1945
Sprigg, Patricia Amy, B.A. - - - - -	1943	Stevens, William Edward, B.E. - - -	1952
Sprigg, Reginald Claude, M.Sc. - - - - -	1944	Stevenson, Arthur James, B.E. - - -	1937
Sprod, Thomas Daniel, B.A. - - - - -	1951	Stevenson, Donald George, M.Sc. - - -	1952
Spruhan, Bridget Catherine, B.A. - - -	1933	Stevenson, Frances Aimee, B.A. (Tasmania, 1923) - - - - -	1926
Spry, Alan Herbert, M.Sc. - - - - -	1951	Steward, Harold Dunning, M.B., B.S. - - -	1951
Spurling, Milton Bernard, M.Ag.Sc. - - -	1953	Stewart, Alastair Keith McKellar, M.B., B.S. - - - - -	1951
Spurr, Robert Thomas, B.Sc. - - - - -	1948	Stewart, Colin Gore, B.A. - - - - -	1914
Spruway, John Horton, M.B., B.S. - - -	1951	Stewart, Donald Peter Sinclair, B.Ec. - - -	1952
Sreenevasan, Gopal Ayer, M.B., B.S. - - -	1952	Stewart, Edgar Douglas James, B.E. - - -	1947
Stace, Hubert Charles Thomas, M.Sc. - - -	1955	†Stewart, Geoffrey Daniel, M.B., B.S. - - -	1957
Stace, John Hamilton, M.B., B.S. - - -	1943	Stewart, Henry William James, B.E. - - -	1952
†Stacey, Thomas Allen, B.Ag.Sc. - - - - -	1959	Stewart, John Innes Mackintosh, M.A. (Oxford, 1935) - - - - -	1935
Stacy, John Michael Sholto, B.E. - - - -	1951	*Stewart, John McKellar, M.A. (D.Phil., Edinburgh, 1911) - - - - -	1923
Stacy, Margaret Ruth, B.Sc. - - - - -	1955	Stewart, John Samuel, M.B., B.S. - - -	1939
†Stagg, Peter Alfred, M.B., B.S. - - - - -	1958	Stewart, John Stewart McKellar, M.B., B.S. - - - - -	1942
Stagg, Ross Smith, B.E. - - - - -	1955	†Stewart, Kenneth Duff, B.Ec. - - - - -	1958
†Stahl, Margaret Anne, B.Sc. - - - - -	1957	Stewart, Margaret McKellar, B.A. - - - - -	1937
Stain, Maxwell Wright, B.D.S. - - - - -	1944	Stewart, Vernon Allan Fergusson, M.B., B.S. - - - - -	1939
Staker, Robert, B.E. - - - - -	1956	Stewart, Carl Ronald, B.E. - - - - -	1955
Stalder, Douglas John, M.Ec. - - - - -	1955	Stidston, Matthew Alfred Clement, B.Sc. - - - - -	1936
Stalley, Joan Charmian, B.Sc. - - - - -	1955	Stoate, Theodore Norman, D.Sc. (M.Sc., 1934) - - - - -	1953
Stam, Robert Edward, M.B., B.S. - - - -	1949	Stobie, Peter James, M.B., B.S. - - - - -	1952
Stanbury, Dennis George, M.B., B.S. - - -	1957	*Stobie, James Cyril, M.E. - - - - -	1932
†Stanbury, Peter John Terence Cathcart, B.Sc. - - - - -	1957	†Stock, Murray Clifford, B.Tech. - - - -	1958
Stanley, Allen David, B.E. - - - - -	1949	Stockbridge, Edgar Lambert, B.E. - - - -	1924
Stanley, Brian Charles, LL.B. - - - - -	1953	Stockbridge, John Keith, M.B., B.S. - - -	1953
Stanley, Laurence John, LL.B. - - - - -	1925	Stockley, Henry William, M.B., B.S. - - -	1954
Stanley, Neville Fenton, D.Sc. (B.Sc., 1942) - - - - -	1954	Stodart, Barbara Joan, B.A. - - - - -	1953
Stanton, Robert Anthony, B.D.S. - - - - -	1950	Stodart, Donald McLean, B.E. - - - - -	1951
Stapledon, David Hiley, B.Sc. - - - - -	1951	Stoddart, Harold William Downing, M.B., B.S. - - - - -	1911
Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - -	1949	Stokes, Anne, B.Sc. - - - - -	1943
†Staples, Roy William Frederick, B.E. - - -	1957	Stokes, Charles Herbert, B.A. - - - - -	1956
Stark, Alan Edmund, B.A. - - - - -	1954	Stokes, John, M.A. - - - - -	1948
Statton, Arthur Knight, B.Sc. - - - - -	1922	Stokes, John Barrymore, M.B., B.S. - - -	1951
Statton, Josiah William, B.Sc. - - - - -	1921	Stokes, John Lewis, M.B., B.S. - - - -	1941
Statton, Keith Jeffery, M.B., B.S. - - -	1944	Stokes, Judith, B.A. - - - - -	1947
Staude, Clarence Herman, B.A. - - - - -	1947	Stokes, Laura Joan Hartley, B.Sc. - - - -	1940
Stead, Sydney Arnold, B.Sc. - - - - -	1933	Stoll, Ruth Sophie, B.A. - - - - -	1955
†Stearne, John McKenzie, B.Sc. - - - - -	1958	Stolz, Geoffrey Ernest, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1949
†Steel, Roy Desmond Charles, B.Sc. - - -	1958	Stolz, Kate Sophie, B.A. - - - - -	1909
Steele, David Macdonald, M.B., B.S. - - -	1909	†Stone, Brian James, B.Sc. - - - - -	1959
Steele, David Macdonald, M.B., B.S. - - -	1955	Storch, Wilhelm Murray, B.A. - - - - -	1938
Steele, Donald Macdonald, M.B., B.S. - - -	1919	Storer, Gerald Burdon, B.Sc. - - - - -	1952
Steele, Ian Macdonald, M.B., B.S. - - - -	1948	Storer, Laurel Jean, B.A. - - - - -	1937
Steele, John Kevin, B.Ec. - - - - -	1954	†Storer, Robin George, B.Sc. - - - - -	1959
*Steele, Kenneth Nugent, M.B., B.S. - - -	1914	Story, Gordon Malcolm, B.E. - - - - -	1950
Steele, Laurence Russell, B.E. - - - - -	1940	†Stott, Douglas Wallace, B.Sc. - - - - -	1953
Steele, Robert Ernest, M.B., B.S. - - - -	1952	Stoutjesdijk, Albert Diederik Johan, M.B., B.S. - - - - -	1953
Steele, Robert Thornborough, M.B., B.S. - - - - -	1942	Strachan, James Charles Power, M.B., B.S. - - - - -	1914
Steele (nee Morris), Shirley Victoria, LL.B. - - - - -	1933	*Strahan, Anthony William, B.A. - - - -	1934
†Steinle, John Richard, B.A. - - - - -	1958	Strange, Audrey Mavis, B.A. - - - - -	1944
Stephens, Charles Francis, B.Sc. - - - - -	1897	Strange, Malcolm Leslie, M.A. - - - - -	1951
Stephens, Charles George, M.Sc. (Tasmania, 1931) - - - - -	1941	Strange, Ronald Glen, B.Ec. - - - - -	1956
D.Sc. - - - - -	1950	Stratmann, Paul Franz, M.B., B.S. - - -	1933
†Stephens, Clement John, B.A. - - - - -	1959	Strawbridge, Albert Gordon, B.A. - - - -	1951
Stephens, Ella Mary, B.A. - - - - -	1915	Strehlow, Theodor Georg Heinrich, M.A. - - - - -	1938
Stephens, Eric Goynne, B.Sc. - - - - -	1912	Streich, Carl Ivo, M.B., B.S. - - - - -	1919
Stephens, John Felton, M.Sc. - - - - -	1957	Strempel, Allan Arthur, B.E. - - - - -	1952
Stephens, Peter Donald, B.Sc. - - - - -	1959	Stretton, Hugh, M.A. (Oxford, 1952) - - -	1955
Stephens, Richard Clarence, B.D.S. - - -	1951	Stretton, Edwin John, M.A. - - - - -	1925
Stephens, Sylvester Kevin, B.E. - - - - -	1951	Stribling, Ada Florence, B.A. - - - - -	1925
Stephenson, James Lewis, B.Ec. - - - - -	1944		
Stephenson, John Roy Becket, B.A. - - -	1952		
Stephenson, Leonard Allenby, B.Sc. (Eng.) - - - - -	1943		
Stephenson, Thomas Howard, B.E. - - - -	1933		
Stern, Leon Max, M.B., B.S. - - - - -	1956		

* Deceased.

† Not yet Members of the Senate.

Thiele, James Barnabas, Mus.Bac.	1952	*Thredgill, Bessie, B.A.	1929
Thiersch, Johannes Bernhard, M.D.	-	Thredgold, Beatrice Marie, B.A.	1928
(Freiburg, 1935)	1938	Thrum, Edward Allen, B.Sc.	1921
Thomas, Alfred Ian, B.E. (Interim	-	B.E.	1924
B.Sc. (Eng.), 1943, surrendered)	1947	Thrush, Harry Clifford, B.A.	1915
Thomas, Alfred John Thornley, M.B.,	-	Thyer, Alexander Maitland, M.E.	1936
B.S.	1949	Thyer, Frederick Lewis, M.B., B.S.	1923
*Thomas, Arthur Nutter, M.A. (Cam-	-	Thyer, Robert Francis, B.Sc.	1932
bridge, 1895)	1906	Tideman, Arthur Frederick, B.Ag.Sc.	1953
Thomas, Arthur Robin, B.E.	1936	Tideman, Frederick William, B.E.	1925
Thomas, Brian Gordon, M.B., B.S.	1947	Tidemann, Ernest Phillips, B.D.S.	1933
Thomas, David Austin Grenfell, LL.B.	1931	Tidswell, Bruce Allison, B.D.S.	1955
Thomas, David John Saint, B.E.	1932	Tiegs, Oscar Werner, D.Sc. (B.Sc.,	-
Thomas, Edmund Paget, B.Ec. (B.Sc.	-	Queensland, 1919)	1922
(Econ.) London, 1953)	1955	*Tilbrook, Jabez Percy Harold, M.A.	1926
*Thomas, Edward Brooke, M.B., B.S.	1911	Tilbrook, Norman Keith, B.E.	1949
Thomas, Harold Davey, B.E.	1935	Tilbrook, Percival Montrose Torr, B.A.	1954
Thomas, Ifor Morris, M.Sc. (Cardiff,	-	†Tilemann, Rosemary, B.A.	1957
1933)	1949	Till, Maxwell Roy, B.Ag.Sc.	1949
Thomas, Jack, B.Sc.	1934	Tiller, Kenneth Matthew John, B.Sc.	1949
Thomas, Jeffery Josiah, B.Sc. (Eng.)	1945	B.A.	1955
Thomas, John Angas, B.Sc.	1948	Tiller, Kevin George, M.Sc.	1957
Thomas, Joyce Amy, B.Sc.	1949	Tillett, Peter Irwin, B.Sc.	1956
Thomas, Kenneth Donald, B.A.	1953	Tilley, Cecil Edgar, B.Sc.	1914
Thomas, Kenneth Hewitson, B.Ec.	1953	†Tilly, Graham John, B.Sc.	1957
Thomas, Margaret Helen, B.A.	1934	Timcke, Edward Waldemar, B.A.	1920
Thomas, Marjorie Phyllis Casley, M.B.,	-	Tindale, Beryl Rae, B.A.	1948
B.S.	1927	Tindale, Norman Barnett, B.Sc.	1932
Thomas, Milton, B.Sc.	1950	†Tindall, Colin James, LL.B.	1957
Thomas, Richard Grenfell, B.Sc.	1924	Tindall, Ronald Graham, B.Sc.	1956
Thomas, Trevor Wilson, B.A.	1939	Tipping, Richard Michael, M.B., B.S.	1953
Thomas, Walter Warren, B.E.	1951	Tiver, Athol, B.Ag.Sc.	1956
Thomas, Wesley James, B.Sc.	1952	Tiver, Newton Stanley, M.Sc.	1947
Thomas, William Lancelot, B.A.	1925	Tiver, Ronald Wayland, B.D.S.	1943
Thompson, Aileen Joyce, B.Sc.	1950	Todd, Arnold Charles, B.E.	1955
Thompson, Alexander McQueen, M.B.,	-	†Toh, Kim Thyé, B.E.	1959
B.S.	1937	Tohver, Ilmar, B.D.S.	1955
Thompson, Anthony George, B.E.	-	Tolcher, Vernon Arthur, B.E.	1953
(N.Z., 1947)	1959	Tolhurst, George Arthur, B.E. (Inter-	-
Thompson, Basil Clive, B.E.	1955	im B.Sc. (Eng.), 1947, surrendered)	1949
†Thompson, Bryan William, M.B., B.S.	1957	†Tolmie, Ronald Philip, B.E.	1957
Thompson, Douglas Norman, B.Sc.	1949	Tomlinson, Betty Mary, B.A.	1939
Thompson, Frank Howard, B.A.	1955	Tomlinson, William Frederick, M.B.,	-
Thompson, Frederick Verner, B.Sc.	-	B.S.	1939
(Eng.)	1948	Tonkin, Aubrey Douglas, M.B., B.S.	1951
Thompson, Jean Fleming, B.A.	1928	Tonkin, David Oliver, M.B., B.S.	1953
Thompson, Jessie Mildred, B.A.	1939	Tonkin, Donald Geoffrey, B.E.	1953
Thompson, John Evelyn, M.B., B.S.	1955	Tonkin, Mary Elizabeth, B.A.	1944
Thompson, John Robert, M.B., B.S.	1938	Tonkin, Raymond George, M.B., B.S.	1937
Thompson, John Ronald, B.D.S.	1941	Tonkin, William Richards, M.B., B.S.	1921
Thompson, Leonard Arthur, B.D.S.	1950	†Toop, Beryl Rachel, B.Sc.	1959
Thompson, Malcolm James, Ph.D.	-	†Toovey, Douglas Reginald, B.Ec.	1957
(B.Sc., 1953)	1958	Tooze, Mervyn John, B.Sc.	1947
Thompson, Maxwell Andrew, B.E.	1952	Topliss, John George, M.B., B.S.	1950
Thompson, Noel, B.Sc.	1954	Topperwien, Irwin, M.A.	1924
Thompson, Rex Palmerstone, B.Sc.	1948	B.Sc.	1925
Thompson, Thomas Alexander, B.Sc.	1896	Torr, Shirley Constance, B.A.	1944
Thompson, William, B.A.	1936	Torr, Thomas Harold, M.B., B.S.	1953
†Thompson, William Gordon, LL.B.	1959	Tostevin, Alfred Ladyman, M.B., B.S.	1923
Thomson, Arthur Melville, B.Sc.	1936	Tostevin, Graham Mark, M.E.	1957
†Thomson, Beresford John Rodger,	-	Tothill, Judith Windebank, B.A.	1953
B.D.S.	1957	Toussaint, Rose Evangeline, M.B., B.S.	1953
Thomson, Brendan Patrick, M.Sc.	-	Townsend, Douglas George, M.B., B.S.	1956
(B.Sc., Western Australia, 1941)	1957	Townsend, Herbert Louis, B.A.	1941
Thomson, Bruce James, B.Sc.	1950	Townsend, Norman Charles Wilson,	-
†Thomson, Bruce William, B.D.S.	1957	M.B., B.S.	1956
Thomson, Cedric Jeffrey, LL.B.	1951	†Tozer, Ross Leonard, M.B., B.S.	1957
†Thomson, Ian Alexander, B.Tech.	1958	†Tracey, Alan James, B.Tech.	1959
Thomson, Janet Elizabeth, B.Sc.	1956	Traeger, Keith Terence, B.A.	1949
Thomson, Joanna Eristoun, B.A.	1948	Tratman, Frank, M.D. (London, 1892)	1899
Thomson, Keith Westhead, Ph.D.	-	Traub, Max, M.B., B.S.	1952
(Washington, 1953)	1954	Trauer, Robert, M.B., B.S.	1952
Thomson, Lindsay Donald, B.E. (Inter-	-	Travers, John Leo, LL.B.	1920
im B.Sc. (Eng.), 1943, surren-	-	Treasure, Eunice Jessie, B.A.	1944
dered)	1947	Treasure, Valda Beth, B.A.	1951
Thomson, Linda Lovibond, B.D.S.	1926	Trebilcock, John Bungey, M.B., B.S.	1953
Thomson, Sydney William, B.D.S.	1930	Tregenza, Alan Arthur, B.A.	1949
Thomson, Theodore Roderick, M.B.,	-	Tregenza, Jean Florence, B.A.	1955
B.S.	1947	Tregenza, John Miller, M.A.	1956
Thomson, Vera Audrey, B.A.	1947	Tregenza, Sydney Lloyd, B.A.	1923
†Thong, Choe Loen, Raymond, B.E.	1958	Tregonning, Alexander Gillespie An-	-
Thornton, Digby Noel, M.B., B.S.	1951	thony, M.B., B.S.	1951
Thornton, Gayfield Collins, M.B., B.S.	1943	Tregonning, Donald John Kennedy,	-
Thorpe, Geoffrey William, B.A.	1953	M.B., B.S.	1949

*Deceased.

†Not yet Members of the Senate.

Von der Borch, Rudolph Hermann, M.B., B.S.	1926	Walsh, Dorothy Counley, B.A.	1921
Von Luschau, Felix, D.Sc. (Ph.D., Munich, 1889)	1914	Walsh, Elizabeth Jan, B.A.	1956
Vowels, Rex Eugene, M.E.	1939	Walsh, Esmond Thomas, M.B., B.S.	1926
†Vowles, Norman Joseph, B.D.S.	1957	Walsh, Frances Mary, B.A.	1931
†Voyzey, William, B.A.	1959	Walsh, Geoffrey Goode, B.E.	1959
†Vyse, Mignon Rosina, M.B., B.S.	1959	Walsh, Kevin Gerald, LL.B.	1932
W			
Wache, Ethel Mabei, B.A.	1939	Walsh, John Francis Anthony, M.B., B.S.	1955
Waddy, Brian Cadwallader, M.B., B.S.	1952	Walsh, Margaret Mary, B.A.	1951
Waddy, John Lane, M.B., B.S.	1948	Walsh, Reginald Clarence, B.E.	1925
B.Sc.	1959	Walter, Denys, B.Ec.	1955
Wade, Mary Julia, Ph.D. (B.Sc., 1951)	1959	Walter, Harold Noel, B.E.	1936
Wadham, Elizabeth Jean, M.A.	1954	Walter, Hilda Blanche May, M.A.	1915
Wadsworth, Bernard Francis Peter, B.E.	1956	Walter, William Ardagh Gardner, B.A. (Oxford, 1908)	1909
†Wachter, Raymond Trevor, B.E.	1957	Walters, Francis Victor Charles, B.E.	1953
Wagner, Barbara Joan, B.D.S.	1942	Walters, George Henry, LL.B.	1936
Wagner, Franz William, B.Sc.	1928	Walters, Max Norman Isadore, M.B., B.S.	1954
Wahlquist, Eric Gilbert, B.A.	1951	Walters, William Allen Willcox, M.B., B.S.	1956
Wainwright, Charles Leonard, B.Sc.	1900	†Waltham, Francis Frederick Bowering, B.Tech.	1959
Wait, Marthe Lucy, M.A.	1922	Walton, Bruce Adrian, B.Sc.	1945
Wait, Yvonne Lois, M.A.	1932	Walton, Gertrude Mary, B.A.	1904
Waite, Jack Francis Enos, B.A.	1936	Walton, Shirley-Anne Campion, B.A.	1956
Wake, Roderick Barry, B.E.	1951	Walz, Joseph Michael, B.A.	1945
Wakeford, Sidney Claud, B.A.	1937	†Wangel, Anders Gustaf, M.B., B.S.	1959
Waldeck, Reginald David Chapple, B.A.	1950	Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
Wale, William Henry, Mus.Bac. (Oxford, 1874)	1896	Wannan, Ellen Sarah, B.Sc.	1930
Walker, Alexander John Kerry, B.Ag.Sc.	1939	Ward, Cyril Michael, M.A.	1912
Walker, Christina Annie, LL.B.	1935	Ward, Denby Harcourt, B.E.	1955
Walker, Daniel, B.Sc.	1887	Ward (nee Claridge), Evelyn Dorothy, B.Sc.	1935
Walker, Ellen Lawson, B.Sc.	1899	Ward, Geoffrey Grant, M.B., B.S.	1955
Walker, Frances Sophia, Mus.Bac.	1908	Ward, Gerald Michael, LL.B.	1949
Walker, Gilbert John, B.A.	1940	Ward, Harry Lancelot, B.A.	1920
Walker, Gordon Harold, B.E.	1952	Ward, Jean Russel, B.A.	1939
Walker, Ian Saville, Ph.D. (B.Sc., 1952)	1956	Ward, John Frederick, M.A.	1908
Walker, Jane Elizabeth, B.A. (Wales)	1908	Ward, Kevin James, LL.B.	1949
Walker, Janice Phyllis, B.A.	1956	Ward, Kevin Leonard, LL.B.	1921
Walker, John Adrian Mozar, M.B., B.S.	1951	Ward, Leonard Keith, B.E. (Sydney, 1903)	1913
Walker, John Schomburgk, B.Sc.	1926	D.Sc.	1926
Walker, Mildred, B.A.	1928	Ward, Leonard Rosslyn, B.E.	1932
Walker, Reginald Jeffrey, M.B., B.S.	1952	†Ward, Margaret Hawthorne, B.Sc.	1958
Walkington, Harvey Mawbey, B.E.	1937	Ward, Margaret Kennings, B.A.	1947
Walkley, Allan, B.Sc.	1927	Ward, Robert Hayes, LL.B.	1936
Walkley, Gavin, B.E.	1934	Ward, Russel Braddock, M.A.	1950
W.A. (Cambridge, 1942)	1949	Warden, Robert Douglas Cunningham, LL.B.	1951
Walkley, Joan Eileen, M.Sc. (B.Sc., London)	1949	Warhurst, Barbara Wilfred, B.Sc.	1938
Wall, Barbara Deane, M.A.	1950	Wark, Bruce Goodman, B.D.S.	1953
†Wall, Brian Henry, B.E.	1958	†Warne, Keith Raymond, B.Sc.	1959
Wall, Frederick Lawrence, M.B., B.S.	1914	†Warner, John Raymond, B.A.	1959
Wall, Gordon Elliott, B.Sc.	1947	Warren, Donald Hampton, B.A.	1942
Wall, Ian Baker, B.E.	1955	Warren, Sidney Lilla, B.A.	1915
Wall, Margaret Esther, B.Sc.	1951	Waterhouse, Edward John, B.Ag.Sc.	1953
Wallace, Donald, B.A.	1939	Waterhouse, George Saville, B.A.	1955
Wallace, Frank Kenneth, M.B., B.S.	1934	Waterhouse, Louis David, LL.B.	1914
†Wallace, Malcolm Maxwell, M.B., B.S.	1959	Waterhouse, Ronald Greaves, M.B., B.S.	1952
Wallace, Robert Henry, B.Ec. (B.Com., Melbourne, 1952)	1958	Waterhouse, Thomas Henry, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Wallace, Sir Robert Strachan, M.A. (Oxford)	1926	Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Wallman, Ian Stuart, M.B., B.S.	1947	Waters, Russell Kyle, B.A.	1949
Wallman, James Douglas Robson, M.B., B.S.	1951	Waterson, John Gabriel, B.D.S.	1945
Wallman, Leigh Stuart, M.B., B.S.	1940	Watkins, Charles Thomas, LL.B.	1907
Wallman, Neil Stuart, M.B., B.S.	1944	†Watkins, Edward Hammer, B.E.	1959
Wallman, Nugent Horton, LL.B.	1937	Watkins, John Leslie, B.E.	1933
Wallman, Rex Horton, B.D.S.	1951	Watkinson, Mavis Daphne, B.A.	1937
Wallman, Richard John Robson, M.B., B.S.	1951	Ward, Arthur Harrison Edward, M.B., B.S.	1920
Wallmann, Douglas Robson, M.B., B.S.	1918	Watson, Arthur John, M.B., B.S.	1953
Wallmann, Reginald Horton, LL.B.	1907	Watson, Brian, B.E.	1953
Walmsley, Norman Stuart, B.D.S.	1952	†Watson, Christopher Lex, B.Ag.Sc.	1957
Walmsley, Robert Lettch Eric, M.B., B.S.	1920	Watson, David Stanley, B.Sc.	1954
Walsh, Brian Richard, M.B., B.S.	1950	Watson, Donald Robert, B.E.	1951
		Watson, George Michael, M.B., B.S.	1936
		†Watson, Graeme Douglas, B.A.	1957

* Deceased.

† Not yet Members of the Senate.

Watson, John Champion, B.E.	- - -	1956	Welsh, James Oglesby, B.A.	- - -	1948
Watson, Joyce, B.A.	- - -	1937	Wemyss, Eleanor Evelyn Beatrice, M.A.	- - -	1924
Watson, Kenneth Graham, M.B., B.S.	- - -	1953	Wenham, Muriel, B.A.	- - -	1954
Watson, Margaret Arden, B.Sc.	- - -	1940	Wennerbom, Alan John, B.Sc.	- - -	1956
Watson, Patricia Bali, M.B., B.S.	- - -	1952	Were, John Owen, B.A.	- - -	1933
*Watson, Percival, M.A.	- - -	1931	Wesley Smith, Henry Elliott, B.A.	- - -	1936
Watson, Ruth, M.Sc.	- - -	1938	Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926)	- - -	1949
Watson, Timothy Alfred Francis	- - -	1945	†West, Alan William, LL.B.	- - -	1957
Quinlan, M.Sc.	- - -	1945	West, Arthur George Bainbridge, M.A. (Oxford, 1892)	- - -	1897
Watt, Fanny Eileen, M.A.	- - -	1930	West, Bruce Oswald, Ph.D. (B.Sc., 1948)	- - -	1954
Wattchow, Colin Edward, B.A.	- - -	1949	West, Doris Marjorie, B.A.	- - -	1921
Watts, Edith Isabel, B.A.	- - -	1935	West, Eric Stodden, B.Sc.	- - -	1921
Watts, Norman Clarence, B.E.	- - -	1956	West, Esmond Frank, M.B., B.S.	- - -	1922
†Watts, Robin John, LL.B.	- - -	1959	*West, Gordon Roy, B.Sc.	- - -	1904
Watts, Ruth Emily, B.A.	- - -	1949	M.B., B.S.	- - -	1908
Watts, John Clyde, B.Sc.	- - -	1949	West, John Burnard, M.D. (M.B., B.S., 1952)	- - -	1959
Wauchope, Diana D'Este, B.Sc.	- - -	1949	West, John Stanley, B.E. (B.Sc., 1907, surrendered for B.E.)	- - -	1914
Wauchope, Diosma Marie, B.A.	- - -	1923	West, Leonard Roy, M.B., B.S.	- - -	1934
Wauchope, Frederick John, B.Sc.	- - -	1930	West, Reginald Arthur, M.A.	- - -	1905
Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918)	- - -	1924	West, Robert Frank, M.D. (M.B., B.S., 1935)	- - -	1949
Wauchope, Mavis Lorelie, M.A.	- - -	1936	West, Rosemary Ruth, M.B., B.S.	- - -	1954
†Waugh, David McBride, B.E.	- - -	1959	Westerman, Franklina Sisley, B.D.S.	- - -	1946
Waugh, William McDonald, B.A.	- - -	1951	Westerman, Roderick Alan, M.B., B.S.	- - -	1954
Way, Leslie Edward, B.Sc.	- - -	1949	Westgarth, Walter Tebble, M.A.	- - -	1929
Way, Neville James, M.B., B.S.	- - -	1948	†Westley, John French Hebbart, B.E.	- - -	1957
Way, Thomas Hubert, B.E.	- - -	1952	Weston, Frank Keith, B.A.	- - -	1950
Waye, Peter Neil, LL.B.	- - -	1951	M.B., B.S.	- - -	1957
Wearne, Enid Lois, B.A.	- - -	1948	Westphalen, John Arthur, B.Sc.	- - -	1950
Webb, Arthur Liddon, M.B., B.S.	- - -	1922	Westphalen, Kenneth John, M.B., B.S.	- - -	1953
Webb, Bruce, Phillip, M.Sc.	- - -	1954	Whalan, Lionel Walter, B.A.	- - -	1948
Webb, Emmaline Nancy, B.A.	- - -	1949	Wharhurst, Gwendolen Elizabeth, M.A. (Oxford, 1940)	- - -	1945
Webb, John Edward, B.Sc. (Eng.)	- - -	1942	Wheatley, Frederick William, B.A. D.Sc.	- - -	1904
Webb, John Newton, M.B., B.S.	- - -	1917	Wheaton, Geoffrey Brendan, B.E.	- - -	1956
Webb, Kenneth Alfred, B.E.	- - -	1953	Wheaton, Malcolm Alfred, M.B., B.S.	- - -	1954
Webb, Mary Gwendoline, B.A.	- - -	1937	Wheaton, Neville Alistair, B.E.	- - -	1956
Webb, Rita Gwendoline, B.A.	- - -	1930	†Wheaton, Neville Kingsley, B.Sc.	- - -	1957
†Webber, Brian John, B.Sc.	- - -	1959	Wheaton, Russell Norman, B.Sc.	- - -	1952
Webber, Colin Russell, B.E.	- - -	1952	Wheeler, Harry Winslow, B.Sc.	- - -	1929
†Webber, Ian Ernest, B.E.	- - -	1957	Wheeler, Reginald John, M.B., B.S.	- - -	1930
†Webber, Muriel Esme Jill, B.A.	- - -	1957	Whelan, John Thomas, B.Ec.	- - -	1952
Webber, Ronald Thomas John, B.Ag.Sc.	- - -	1948	Whelan, Robert Ford, M.D. (Belfast, 1951)	- - -	1958
Webbling, Donald D'Arcy, B.Sc.	- - -	1950	Whibley, Cyril George, B.E.	- - -	1927
M.B., B.S.	- - -	1955	Whillas, Geoffrey French, B.Sc.	- - -	1946
Webster, Raymond Murray, B.Sc.	- - -	1938	Whillas, Jean Kathleen, M.A.	- - -	1952
Webster, Stanley George, M.B., B.S.	- - -	1951	Whitburn, Jack, B.A.	- - -	1931
Webster, Wilfred Grant, B.Sc.	- - -	1949	*White, Alan Hubert, M.B., B.S.	- - -	1921
Weetman, Alan Russell, M.B., B.S.	- - -	1951	White, Allan James Risely, B.Sc.	- - -	1952
Wegener, Clemens Frederick, B.Sc.	- - -	1949	White, Anthony Hopper, B.Sc.	- - -	1951
Wegener, Richard Albert, B.E.	- - -	1948	White, Brian Ross, B.Sc.	- - -	1947
Weidenbach, Neil, B.Sc.	- - -	1954	White, Elizabeth Alice, B.A.	- - -	1956
†Weigold, Erich, B.Sc.	- - -	1958	Mus.Bac.	- - -	1959
Weir, Isobel, B.A.	- - -	1914	White, Francis Richard, B.D.S.	- - -	1950
†Weir, Ronald Colin, B.Sc.	- - -	1959	White, Hedley John, B.E.	- - -	1950
Weiss, Alan Austin, Ph.D. (B.Sc., 1950)	- - -	1955	White, Helena Victoria, B.A.	- - -	1934
Weiss, Donald Eric, B.Sc.	- - -	1945	White, Henry Douglas, B.A.	- - -	1943
Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932)	- - -	1941	White, James Michael, LL.B.	- - -	1951
†Weissman, Gerhard, B.Tech.	- - -	1958	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
M.B., B.S.	- - -	1958	White, Phyllis, B.Sc. (Sydney, 1920)	- - -	1922
Weller, Raymond Alfred, B.Sc.	- - -	1948	White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	- - -	1947
Wellington, Hugh Kennedy, B.E.	- - -	1948	White, Ray Baron, B.E.	- - -	1942
Wells, Barbara Gordon, M.B., B.S.	- - -	1951	†White, Roderick James, LL.B.	- - -	1958
Wells, Cedric Bayford, M.Ag.Sc. (B.Ag.Sc., 1951)	- - -	1959	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			
Wells, Elizabeth Wynne, B.A.	- - -	1934			
†Wells, Gregory Samuel, B.Sc.	- - -	1959			
†Wells, Julian Richard Este, B.Ag.Sc.	- - -	1959			
Wells, Margaret Suzanne, B.A.	- - -	1953			
Wells, William Andrew Noye, LL.B.	- - -	1945			

* Deceased. † Not yet Members of the Senate.

White, Stanley Noel, B.A. - - - -	1953	Wilkinson, Stewart Rex, B.A. - - -	1950
White, Wilfred Allan, B.Ec. - - -	1942	Wilkinson, Thomas Lancelot, B.Sc. -	1925
White, Wilfred Carlistan Jurs, B.Sc. -	1948	Wilksch, Betty Ruth, B.A. - - - -	1949
*White, William John, M.E. - - - -	1920	Willcocks, Robert Douglas, B.Sc. - -	1951
White, William Richard Bolitho, B.E. -	1932	Williams, Arthur Charles, B.Sc. - - -	1950
Whitehead, Donald Henry, B.A. (Oxford, 1954) - - - - -	1959	Williams, Arthur Evan, M.B., B.S. - -	1914
Whitehead, Millicent Alma, B.A. - - -	1949	†Williams, Baden George, B.Ag.Sc. - -	1953
Whitehouse, Joseph Chenoweth, M.B., B.S. - - - - -	1953	Williams, Bruce Rodda, M.A. - - - -	1944
Whitelaw, Albert James, B.Sc. - - - -	1929	Williams, Caroline Margaret, B.A. - - -	1915
B.A. - - - - -	1937	Williams, Christobel Mary, B.Sc. - - -	1945
Whitford, Desmond Joseph, B.E. - - -	1953	Williams, Colin Hale, M.Sc. - - - -	1948
Whitford, Patricia Mary, B.A. - - - -	1940	†Williams, David Reginald Glyndwr, B.Tech. - - - - -	1959
Whitford, Raymond Frank, M.B., B.S. -	1953	Williams, Donald Carter, B.A. - - - -	1933
Whiting, Clyde Taylor, B.A. - - - -	1931	LL.B. - - - - -	1935
Whiting, Peter Arthur, B.Sc. - - - -	1953	Williams, Donald Newbery, B.D.S. - - -	1954
Whittington, Anne, B.A. - - - - -	1950	Williams, Dorothy Theresia, B.A. - - -	1935
*Whittington, Bertram, B.Sc. - - - - -	1899	Williams, Eirene Mary, B.A. - - - -	1907
B.E. - - - - -	1913	Williams, Garth David, B.Sc. - - - -	1948
Whittington, Joan, B.A. - - - - -	1933	Williams, George Esson Keith, M.A. - - -	1947
Whittington, Louis Arnold, LL.B. - - -	1911	Williams, George Mervyn, B.Sc. - - - -	1953
Whittington, Richard Smallpiece, LL.B. -	1935	Williams, Harold Richard Michael, LL.B. - - - - -	1953
Whitman, Gerald Caleb, B.Sc. - - - -	1952	Williams, Horton Clement, LL.B. - - -	1956
Whittle, Alick William Green, M.Sc. - -	1948	Williams, Joan Beatrice, B.A. - - - -	1948
†Whittle, Christopher Playford, B.Sc. - -	1958	Williams, Kenneth Douglas, B.Ec. - - -	1955
Whittle, Donald George, B.E. - - - -	1936	†Williams, Kevin Graham, B.Sc. - - - -	1958
Whittle, Edith Julia, B.A. - - - - -	1950	Williams, Lindsay Hale, LL.B. - - - -	1945
Whittle, Harry Reed, B.E. - - - - -	1952	Williams, Mabel Evangeline, M.A. - - - -	1916
Whittle, James Latimer, B.E. - - - -	1952	†Williams, Martin John, M.B., B.S. - - -	1958
Whittle, Richard Latimer, LL.B. - - - -	1954	Williams, Monica Houghton, B.Sc. - - -	1951
Whyte, Jean Primrose, B.A. - - - - -	1952	Williams, Philip Glenly, B.A. - - - -	1941
Whyte, Phyllis Primrose, B.A. - - - -	1952	Williams, Philip Mark, B.E. - - - - -	1951
†Wiadrowski, Ian Barrie, B.E. - - - -	1957	Williams, Ralph, B.Sc. - - - - -	1914
Wiadrowski, Maxwell Alfred Anton, B.A. - - - - -	1937	†Williams, Raymond Clarence, B.Sc. - - -	1959
Wibberley, Brian, B.E. - - - - -	1951	Williams, Rosemary, B.Sc. - - - - -	1956
Wibberley, Brian William, B.Sc. - - - -	1911	Williams, Roy Ernest, M.Sc. - - - - -	1953
M.B., B.S. - - - - -	1914	Williams, Robert Francis, D.Sc. (M.Sc., 1934) - - - - -	1957
Wibberley, David John, M.B., B.S. - - -	1956	Williams (nee Hotten), Roma Olive, B.A. - - - - -	1941
Wibberley, Hermia Mary, B.A. - - - -	1941	Williams, Spencer, M.A. - - - - -	1930
Wibberley, Judith, B.A. - - - - -	1952	Williams, Vivienne June, B.Sc. - - - -	1955
Wickett, Harold Clarence, M.Sc. - - - -	1946	Williams, Walter Leslie, B.A. - - - -	1940
Wicks, Frederick Ralph, M.B., B.S. - - -	1923	Williams, Zena Vera, B.A. - - - - -	1940
Wicks, Graham Ralph, M.B., B.S. - - -	1954	Williamson, Arthur Edward, B.E. - - - -	1953
Wicks, Norman Stephen Price, M.B., B.S. - - - - -	1947	†Williamson, Benjamin Raymond, B.Tech. - - - - -	1959
†Wiencke, George Edwin, B.Tech. - - - -	1959	Williamson, David Aubrey, M.B., B.S. - - -	1951
Wien-Smith, Geoffrey, M.B., B.S. - - -	1915	Williamson, Geoffrey Lea, B.Sc. - - - -	1956
†Wiese, Margaret Helen, B.A. - - - - -	1958	Williamson, Hugh Angus, LL.B. - - - -	1955
Wiesner, Clarence Jack, B.Sc. - - - -	1935	B.A. - - - - -	1956
Wigan, Leonard James Cleveland, B.E. - -	1921	Willing, Charles Eric, M.B., B.S. - - - -	1928
†Wigan, John Leonard Cleveland, B.E. - -	1959	Willing, Richard Lyall, M.B., B.S. - - -	1954
Wigg, Neil Thornburn Melrose, M.B., B.S. - - - - -	1925	Willington, Clayton Louis, M.B., B.S. -	1955
Wigg, Ronald Melrose, M.E. - - - - -	1945	Willington, John Mattinson, B.E. - - -	1951
†Wigglesworth, Sidney Thomas, B.E. - - -	1959	Willington, Lloyd Stanley, B.A. - - - -	1950
Wight, Albert James, B.E. - - - - -	1936	Willis, John, B.A. (Melbourne) - - - -	1952
Wight, Albert Raymond, B.E. - - - - -	1914	Willmott, Josiah Percival, B.Sc. - - - -	1907
Wight, Hillier Clement, B.E. - - - - -	1933	Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931) - - - - -	1947
Wight, Hugh Humphrey, B.Sc. - - - - -	1929	Willoughby, Roger George, M.D.S. - - - -	1953
M.E. - - - - -	1937	Wills, Caroline Marie Agnew, B.A. - - -	1951
Wighton, Dugald Craven, M.B., B.S. - - -	1953	Wills, Lindsay Arthur, B.A. - - - - -	1953
Wighton, Helen Craven, B.A. - - - - -	1938	Willmore, Elsie Victoria, Mus.Bac. - - -	1918
Wighton (nee Blackburn), Rosemary Neville, B.A. - - - - -	1945	Willmore, Hurtle Binks, B.Sc. - - - -	1916
Wignall, Douglas Ronald, B.A. - - - - -	1948	Willmshurst, Maurice George, B.A. - - -	1934
Wilcher, Lewis Charles, B.A. - - - - -	1929	†Wilsdon, Geoffrey Frank, B.Tech. - - -	1959
Wildy, Ralph Alderman, B.E. - - - - -	1938	Wilson, Allan Fraser, M.Sc. - - - - -	1947
Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942) - - - - -	1951	†Wilson, Andrew Bray Cameron, LL.B. - - -	1959
Wilhelm, Walter Gerhard, B.E. - - - - -	1953	Wilson, Avis Jean, B.Sc. - - - - -	1956
Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1948	Wilson, Brenda Ruth, B.A. - - - - -	1950
†Wilkins, Noel Aldridge, B.Ec. - - - -	1958	Wilson, Charles Ernest Cameron, M.B. (Melbourne, 1899) - - - - -	1900
Wilkinson, Ray Eber, B.A. - - - - -	1948	Wilson, Charles Graham, M.B., B.S. - - -	1947
Wilkinson, Donald Cameron, B.A. - - - -	1952	Wilson, Colin Leslie, B.Sc. (Eng.) - - -	1944
Wilkinson, Graham Neil, M.Sc. - - - -	1958	Wilson, Dennis de Courcy, M.B., B.S. - - -	1949
Wilkinson, Harold Callan, B.E. - - - -	1931	Wilson, Derek Finlay, LL.B. - - - - -	1936
Wilkinson, Herbert John, B.A. - - - - -	1914	Wilson, Doris May, B.A. - - - - -	1938
M.D. (Sydney, 1930) - - - - -	1934	Wilson, Edward Peter, M.B., B.S. - - -	1951
Wilkinson, Philomena Mary, B.A. - - - -	1949	†Wilson, Geoffrey Palmer, B.Ec. - - - -	1958
Wilkinson, Robert Stuart, M.B., B.S. - - -	1939	Wilson, Gordon Samuel, B.Sc. (Eng.) - - -	1944

* Deceased.

† Not yet Members of the Senate.

†Wilson, Helen Margaret, B.Sc. - - - - -	1957	Woods, Charles William Griffin, M.B.,	
Wilson, Ian Bonython Cameron, LL.B.	1955	B.S. - - - - -	1939
†Wilson, Ian Stewart, B.Sc. - - - - -	1957	Woods, Edward Burchell, B.A. (Loun-	
Wilson, Jack Woodrow, B.Sc. - - - - -	1936	don, 1884) - - - - -	1921
Wilson, James Beith, B.A. - - - - -	1896	Woods, Julian Gordon Tenison, LL.B.	1918
Wilson, John Grenell, M.B., B.S. - - - - -	1949	Woods, Nelly Hooper, M.A. - - - - -	1930
Wilson, John Stewart, M.B., B.S. - - - - -	1952	Woods, Richard Vynne, B.Sc. - - - - -	1947
Wilson, Keith Cameron, LL.B. - - - - -	1922	†Woods, Warren Bruce, B.A. - - - - -	1958
Wilson, Keith John, M.B., B.S. - - - - -	1952	Woodward, Barbara, B.A. - - - - -	1944
Wilson, Laurence Algernon, M.B., B.S.	1918	Woodward, Colin Holmes, B.E. - - - - -	1952
Wilson, Laurence Leigh, M.B., B.S. - - - - -	1956	Woodward, Oliver Gordon, B.Sc. - - - - -	1950
Wilson, Luther Ernest Crosby, B.Sc. - - - - -	1926	Woolcock, Collin Elwyn, M.Sc. - - - - -	1945
M.A. - - - - -	1932	Woolcock, Rosslyn James, M.B., B.S.	1927
Wilson, Mollie Jean, LL.B. - - - - -	1935	Wooldrige, Alan Frank, B.Sc. - - - - -	1947
Wilson, Nicholas Michael, B.A. - - - - -	1955	†Woolhouse (nee Sherwood), Leonie	
†Wilson, Philippa Morag, B.A. - - - - -	1958	Marie, B.Sc. - - - - -	1958
Wilson, Robert Bruce, B.Sc. - - - - -	1950	Woolnough, Geoffrey Lawrence, B.E. - - - - -	1929
Wilson, Robert Kevin, M.B., B.S. - - - - -	1937	Woolnough, Harold, B.A. - - - - -	1906
◦Wilson, Sir Thomas George, M.D.		◦Woolnough, Walter George, D.Sc.	
(Sydney, 1904) - - - - -	1904	(Sydney, 1904) - - - - -	1904
Wilson, Valerie Joy, B.A. - - - - -	1952	†Work, Kenneth Frank, B.Sc. - - - - -	1959
Wilson, William Fraser, B.Sc. - - - - -	1943	Worley, Donald Stuart, B.D.S. - - - - -	1956
◦Wilton, Alexander Cockburn, M.B.,		Worsnop, Elsie Madeline, M.A. - - - - -	1913
B.S. - - - - -	1911	Worthington, Charles Roy, Ph.D.	
†Wilton, Donald Edward, B.Tech. - - - - -	1959	(B.Sc., 1951) - - - - -	1956
Wilton, Dorothy Clyve, B.Sc. - - - - -	1940	Worthley, Boyce Wilson, M.Sc. - - - - -	1944
Wilton, John Barrett, B.Sc. - - - - -	1950	B.A. - - - - -	1941
Wincey, Cynthia Weaver, B.Sc. - - - - -	1949	Worthley, Seymour Richard, M.Sc. - - - - -	1945
Winch, Kenneth Varley, B.E. - - - - -	1952	Wright, Angus Stanley, B.Sc. - - - - -	1933
Windle, Doris Sophia, B.A. - - - - -	1941	Wright, Charlotte Elizabeth Arabella,	
Winkler, Arthur Edmund, B.Sc. (Eng.)	1943	B.A. - - - - -	1888
Winnall, Nancy Eleanor, B.Sc. - - - - -	1919	Wright, Donald Ian, B.A. - - - - -	1956
Winter, Beatrice Erwine, B.A. - - - - -	1955	Wright, Edna May, B.A. - - - - -	1938
Winter, Karl Berthold, M.B., B.S. - - - - -	1942	Wright, George Andrew, B.A. - - - - -	1954
Winter, William Graham, B.Sc. - - - - -	1938	Wright, George Herbert, B.A. - - - - -	1906
Winton, Berna Kathleen, B.A. - - - - -	1953	Wright, John Frederick, LL.B. - - - - -	1953
Winwood, William Weston, B.E. - - - - -	1926	Wright, Leslie McLean, LL.B. - - - - -	1935
Winzor, Donald John, B.Sc. - - - - -	1956	Wright, Lewis Garner, LL.B. - - - - -	1891
◦Winzor, Frank Lovelock, D.Sc.		Wright, Lyle Mason, B.Sc. - - - - -	1956
(B.Sc., 1921) - - - - -	1935	Wright, Norman Harvey, B.A. - - - - -	1927
†Wise, Peter Hermann, M.B., B.S. - - - - -	1959	Wright, Robert Errol, B.Sc. - - - - -	1950
Wissell, Stewart Gordon, B.A. - - - - -	1949	Wright, Robert John, B.Sc. (Eng.)	1949
Witt, Erik Hans, B.E. - - - - -	1929	Wright, Russell Francis, B.E. - - - - -	1953
Wittenoom, Robert Horne, M.B., B.S. - - - - -	1954	Wurril, Lois Jessie, M.B., B.S. - - - - -	1955
Wittwer, Ivan Donald, B.A. - - - - -	1951	Wurm, Bertram Eric, M.B., B.S. - - - - -	1920
Woithe, William Henry, B.E. - - - - -	1936	Wurm, Roger Sinclair, M.B., B.S. - - - - -	1947
Wolcik (nee Rayson), Patricia, M.Sc.		Wylie, John Richard, B.Sc. - - - - -	1951
(B.Sc., 1950) - - - - -	1959	Wyllie, Geoffrey Gurner, M.B., B.S. - - - - -	1946
Wollaston, Elise Margaretta, B.Sc. - - - - -	1955	Wyllie, Robert Gurner, M.B., B.S. - - - - -	1955
Wollaston, Jocelyn Mary, B.Sc. - - - - -	1950	Wymond, Alonzo Pearse, M.Sc. - - - - -	1951
Wollaston, Terence Cornthwaite, B.E.	1956	Wynes, William Anstey, LL.D.	
Womersley, Hugh Brian Spencer,		(LL.B., 1929) - - - - -	1933
Ph.D. (M.Sc., 1947) - - - - -	1952	Wyndham, Robert Alexander, B.Sc.	
Womersley, John Spencer, B.Sc. - - - - -	1945	(Sydney, 1934) - - - - -	1938
Wong, Peter Chee Nam, M.B., B.S. - - - - -	1952		
Wood, Alistair Edward Rose, B.E. - - - - -	1954	Y	
Wood, Allen Edwin, B.A. - - - - -	1944	Yakhya, Mahmud Ukab, B.Ag.Sc. - - - - -	1952
Wood, Colin James, B.A. - - - - -	1950	†Yandell, Maxwell Benjamin, B.Tech.	1958
Wood, Florence Catherine, B.A. - - - - -	1938	†Yap, Pak Leong, B.Ec. - - - - -	1958
◦Wood, Gordon Leslie, M.A. (Tasmania,		Yates, Colin, B.E. - - - - -	1932
1922) - - - - -	1922	Yates, Donald, B.E. (B.Sc., 1915, sur-	
Wood, Henry Lambert, M.Sc. - - - - -	1941	rendered for B.E., 1919) - - - - -	1919
◦Wood, Joseph Garnett, D.Sc. - - - - -	1933	Yates, Lawrence Anthony, M.B., B.S.	1956
Wood, Judith Ann, B.A. - - - - -	1950	Yates, Percy Cocker, M.B., B.S. - - - - -	1942
Wood, Montague Couch, M.A. (Oxford,		Yates, Reginald Colin, B.E. - - - - -	1937
1880) - - - - -	1888	Yates, Thomas Morey, M.B., B.S. - - - - -	1952
Wood, Murray Bowering, M.B., B.S. - - - - -	1939	Yates, Tom Owen Richard, M.B., B.S.	
Wood, Philip Barclay, Mus.Bac. - - - - -	1938	(Sydney, 1945) - - - - -	1955
Wood, Rosemary Anne, B.A. - - - - -	1955	†Yeates, Barry Rupert, B.Tech. - - - - -	1958
Woodard, Charles Ernest, B.A. - - - - -	1933	◦Yeatman, Charleton, M.B., B.S. - - - - -	1910
Woodard, Charles Garrard, LL.B. - - - - -	1952	Yeatman, Christopher William, B.Sc. - - - - -	1951
Woodard, Geoffrey Davidson, M.Sc. - - - - -	1954	Yeatman, John Charleton, M.B., B.S. - - - - -	1938
Woodger, Gwenneth Godwin, LL.B. - - - - -	1941	Yelland, Geoffrey Playford, B.E. - - - - -	1955
Woodham, Barbara Elizabeth, B.A. - - - - -	1941	Yelland, Joan Mary, B.A. - - - - -	1933
Woodhouse, Lawrence Ralph, B.Sc. - - - - -	1954	Yelland, Kathleen Norah, B.A. - - - - -	1951
Woodhouse, Roy, LL.B. - - - - -	1950	Yin, James Chu Kee, M.B., B.S. - - - - -	1954
Woodman, Stanley Kenneth, B.E. - - - - -	1934	†Yoong, Meow Foo, M.B., B.S. - - - - -	1957
Woodroffe, Keith, B.Ag.Sc. - - - - -	1937	Young, Aileen, B.A. - - - - -	1952
Woodroffe, Gwendolyn Marion, M.Sc.	1944	◦Young, Barbara Quinn, M.B., B.S. - - - - -	1942
Woodroffe, Kathleen, M.A. - - - - -	1948	Young, Caroline Agnes, B.A. - - - - -	1949
Woodruff, Philip Scott, M.D. (Mel-		Young, David Hastings, M.B. (Edin-	
bourne, 1939) - - - - -	1957	burgh) - - - - -	1894
†Woods, Arthur Frederick, M.B., B.S. - - - - -	1957	Young, Donald Scott, B.E. - - - - -	1929
		Young, Dorothy Kate, B.A. - - - - -	1937

◦ Deceased.

† Not yet Members of the Senate.

Young, James Hannibal, M.D. (M.B., B.S., 1929) - - - - -	1937	Zacharia, William Vassilie, M.B., B.S.	1956
†Young, Josephine Helen, B.Sc. - - - - -	1958	†Zegebrosks, Raymond Erik, B.Tech. - - - - -	1959
Young, Kelvin Albert, B.Sc. (Eng.) - - - - -	1949	Zelling, Howard Edgar, LL.B. - - - - -	1938
Young, Michael Quinn, B.Sc. - - - - -	1940	†Zeltins, Andris Ivars, B.E. - - - - -	1959
B.E. - - - - -	1945	Zeppel, Frank Robert, B.A. - - - - -	1950
M.B., B.S. - - - - -	1952	Ziesing, George Murray, M.Sc. - - - - -	1952
Young, Phillip John, B.Ag.Sc. - - - - -	1947	†Ziesing, Hugh David, B.E. - - - - -	1959
†Young, Richard Scott, B.Ag.Sc. - - - - -	1959	Zimmet, Jacob, M.B., B.S. - - - - -	1942
Young, Sir Frederick William, LL.B. - - - - -	1897	†Zinnbauer, Alfred Freund, B.A. - - - - -	1958
Younkman, Landau, B.Sc. - - - - -	1910	Zoratti, Alba Pierina, B.A. - - - - -	1945
†Yu, Sheng Fong, M.B., B.S. - - - - -	1958	Zwar, John Arnold, M.Ag.Sc. - - - - -	1952
†Yu, Sheng-Wei, B.E. - - - - -	1957	†Zweck, John Everard, B.A. - - - - -	1958
†Yuen, Wai Mun, M.B., B.S. - - - - -	1957	†Zurauskas, Tadas Algirdas, B.Tech - - - - -	1959
Yull, George Ashwin, LL.B. - - - - -	1913		

* Deceased.

† Not yet Members of the Senate.

LIST OF CANDIDATES WHO HAVE TAKEN HONOURS DEGREES

HONOURS DEGREE OF MASTER OF ARTS

Ward, J. F., Classics - - - - -	1908	Casson, L. F., English - - - - -	1928
Paynter, R. H., Classics - - - - -	1912	Holmes, E. L., LL.B., Philosophy - - - - -	1928
Ellis, F., Mathematics - - - - -	1913	Williams, F. E. Classics - - - - -	1928
Potts, G. M., Classics - - - - -	1915		

HONOURS DEGREE OF BACHELOR OF ARTS. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

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

Greet, Raymond James, Politics II (i) -	1957	Mulvihill, Edward John, Philosophy II	
Grenfell, Ian Henry, English Language		(ii) -	1958
and Literature II (i) -	1957	Pearce, Helen Ruth, History II (i) -	1958
Hambly, Peter Sutherland, French Lan-		Phillips, Walter Wynne, History II (i)	1953
guage and Literature I -	1957	Porter, Mervyn Kingsley, History II (i)	1958
Higgins, John William, History III -	1957	Wilson, Philippa Morag, English Lan-	
Horvat, Leon, B.A., German II (ii) -	1957	guage and Literature I -	1958
Mitchell, Terrence John, History II (i)	1957	Zinnbauer, Alfred Freund, German II	
Mune, Marie Elizabeth, B.A., History		(i) -	1958
II (i) -	1957	Alksnis, Ivars Janis, German I -	1959
Ohlstrom, Leonore Anne, B.A., German		Appleton, Joan Mary, History II (i) -	1959
II (i) -	1957	Atrens, Dace, German II (i) -	1959
Sasse, Hans Christopher, English Lan-		Aylmore, Neville Charles, German II (i)	1959
guage and Literature II (ii) -	1957	Chai, Hon-Chan, English Language and	
Smith, Barry Whitmore, B.A., Philosophy		Literature II (ii) -	1959
I -	1957	Cheesman, Andrew Walford, History II	
Watson, Graeme Douglas, French		(ii) -	1959
Language and Literature and German		Curnow, Ellen Isabel, History II (i) -	1959
I -	1957	Elliott, Jennifer Anne, English Lan-	
Blackmore, Gerda, German III -	1958	guage and Literature II (ii) -	1959
Bradley, Michael Charles, Philosophy I	1958	Fletcher, Enid Lillian, Geography II	
Brock, Erland Jeffrey, Geography II (ii)	1958	(ii) -	1959
Eckermann, Frances Marie, English II		Kersten, Lee Irving, German I -	1959
(ii) -	1958	Kulasingham, Lynn, Politics III -	1959
Gambling, Janice Melva, History II (ii)	1958	Lawrence, Margaret Evelyn, Economics	
Gelsen, Henrik, German II (ii) -	1958	I -	1959
Glenn, Margaret Joy, French I -	1958	Lloyd, Joycelyn Marie, Politics II (ii)	1959
Gradussov, Alexis, German II (ii) -	1958	Lokan, Frances Anne, German II (i) -	1959
Howlett, Diana Rosemary, Geography		McGee, Skaidrite, German II (ii) -	1959
II (i) -	1958	Manuel, Deane James Hubert, B.Ec.,	
Kaspiew, Radzen, History III -	1958	English Language and Literature II	
Keain, Arthur Patrick, History II (i) -	1958	(i) -	1959
Lea, David Alexander Maclure, Geo-		Mayfield, Phillip, History II (i) -	1959
graphy I -	1958	Medlin, Brian Herbert, Philosophy I -	1959
Luck, Janice, English II (i) -	1958	O'Grady, Helen Patricia, English Lan-	
Luke, Murdoch Stewart, English II (i)	1958	guage and Literature I -	1959
Magor, Margaret Elizabeth, German II		Playford, John Drysdale, History II (i)	1959
(i) -	1958	Saunders, Graham Edward, History II	
Michell, Meredith June, History II (ii)	1958	(i) -	1959
		Warner, John Raymond, History II (i) -	1959

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

For previous lists, see Calendar for 1959

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
Hill, Malcolm Robert, I -	1952	Tuckwell, Roger Hamilton, B.Ec., I -	1957
Penny, David Harry, I -	1952	Coat, Jillian Irene, II (i) -	1958
Gibbs, Graham Rossiter, II (ii) -	1953	Cockburn, Malcolm, II (i) -	1958
Griggs, Robert Leslie, B.Ec., I -	1953	Fowler, Robert Malcolm, II (i) -	1958
Hodan, Miroslav, B.Ec. II (i) -	1954	Juhasz, Ferenc, II (i) -	1958
Sharp, Warren Player, II (i) -	1954	Polasek, Metodev, I -	1958
Dudzinski, Miroslaw Leonard, IIB -	1955	Lithgow, John Neville, B.Ec. II (i) -	1959
		Terrell, Richard Deane, B.Ec. I -	1959

HONOURS DEGREE OF BACHELOR OF SCIENCE. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Angle, Ronald James, B.Sc., Physics IIB	1952	Sanderson, John Gavin, B.Sc., Mathe-	
Brett, Horace William Walter, B.Sc.,		matics IIA -	1952
Chemistry I -	1952	Simons, Arthur Nicholas, B.Sc., Chemis-	
Bunney, Bronte Rowland, B.Sc., Physics		try I -	1952
IIA -	1952	Spencer, Leslie Brian, B.Sc., Chemistry	
Clendinnen, Ian Jeffrey, B.Sc. Physics		I -	1952
IIB -	1952	Baker, Irvine Noel, Mathematics I -	1953
Denby, Ernest Frank, B.Sc., Physics I -	1952	Brown, Roger Norman, B.Sc., Physics	
Duncan, Robert Allan, B.Sc., Physics I	1952	IIB -	1953
Galvin, Leola Beth, B.Sc., Zoology IIB	1952	Buttery, Ronald Gordon, B.Sc., Chemis-	
Goodwin, Geoffrey Leonard, B.Sc.,		try I -	1953
Physics IIA -	1952	Catchpoole, John Roger, B.Sc., Physics	
Harms, John Eric, B.Sc., Economic		IIB -	1953
Geology IIA -	1952	Daily, Brian, B.Sc., Geology IIA -	1953
Kaewbaidhoon, Sa-ngob, Economic		Dunlop, Colin Wesley, B.Sc., Physiology	
Geology IIA -	1952	I -	1953
McCarthy, Ian John, B.Sc., Chemistry I	1952	Forbes, Bryan George, B.Sc., Geology I	1953
Rayson, Patricia, B.Sc., Botany IIA -	1952	Hall, Barbara Isabelle Herbert, B.Sc.,	
Reynolds, Maxwell Andrew, B.Sc.,		Physics I -	1953
Geology I -	1952	Hobden, Joan Frances, B.Sc., Chemistry	
Rowley, Rex Cameron, B.Sc., Economic		I -	1953
Geology IIA -	1952	Hunt, Arnold Leighton, B.Sc., Bio-	
		chemistry I -	1953

Ladd, Jeffrey Norman, B.Sc., Bio-chemistry I	1953	Burford, Robert Royce, B.Sc., Chemistry IIB	1956
Leslie, Robert Bradshaw, B.Sc., Geology I	1953	Burns, Erica Marian, B.Sc., Botany IIB	1956
McCarthy, Ian Ellery, B.Sc., Physics I	1953	Clark, Lesley Helen, B.Sc., Genetics IIB	1956
Macklin, William Charles, B.Sc., Physics IIA	1953	Ericson, Leon Gordon, B.Sc., Physics I	1956
Martin, Keith George, B.Sc., Chemistry IIA	1953	Fitzgerald, Anne Marie, B.Sc., Zoology IIB	1956
Martin, Peter Gordon, Genetics I	1953	Gemmell, Donald Stewart, B.Sc., Physics I	1956
Miller, Peter Geoffrey, B.Sc., Geology IIA	1953	Gooden, John Ernest Alfred, B.Sc., Chemistry I	1956
Milligan, Brian, B.Sc., Chemistry I	1953	Gould, Joseph Gordon, B.Sc., Bio-chemistry IIA	1956
Pratten, Raymond Douglas, B.Sc., Geology IIA	1953	Joseph, Hapuarachchige Don Austin Carlo, Geology IIB	1956
Turner, Kevin James, B.Sc., Chemistry I	1953	Kohlhagen, Myra Audrey, B.Sc., Physics I	1956
Wade, Mary Julia, B.Sc., Geology I	1953	LePage, Rex Newbury, B.Sc., Genetics IIA	1956
Walker, Ian Saville, B.Sc., Chemistry I	1953	Lowke, John James, B.Sc., Physics I	1956
Wheaton, Russell Norman, B.Sc., Physics IIA	1953	McDowall, Barry Patrick, B.Sc., Mathematical Physics I	1956
Woodard, Geoffrey Davidson, B.Sc., Geology IIA	1953	Murphy, William Hugh, B.Sc., Chemistry IIB	1956
White, Allan James Risely, B.Sc., Geology I	1953	Pilton, Phyllis Evelyn, B.Sc., Genetics IIB	1956
Wilkinson, Graham Neil, Mathematics IIA	1953	Stacy, Margaret Ruth, B.Sc., Genetics IIA	1956
Best, Effie Deland, B.Sc., Physiology I	1954	Sved, Marta, Mathematical Physics IIA	1956
Chinner, Graham Alan, B.Sc., Geology and Mineralogy I	1954	Aylmore, Lance Arthur Graham, B.Sc., Physics IIB	1957
Christie, Basil James Frederick, B.Sc., Chemistry I	1954	Brett, Peter Robin, B.Sc., Geology IIA	1957
Duguid, Andrew Melville, Mathematics I	1954	Duncan, Andrew Kenneth, Mathematics I	1957
Elford, Malcolm Thomas, B.Sc., Physics I	1954	Fee, Warren William, B.Sc., Chemistry IIA	1957
Keech, Donald Bruce, B.Sc., Bio-chemistry I	1954	Forwood, Peter Strauss, B.Sc., Geology IIA	1957
Korytnyk, Wsewolod, B.Sc., Chemistry I	1954	Gurr, Graham Edward, B.Sc., Physics IIB	1957
McGee, Colin Raymond, B.Sc., Physics IIA	1954	Hawker, John Seth, B.Sc., Botany IIA	1957
McKelvie, Donald, B.Sc., Physics IIB	1954	Inman, Ross Banks, B.Sc., Chemistry I	1957
McLean, Ian Weymouth, B.Sc., Physics I	1954	Kimber, Ronald Walter Lincoln, B.Sc., Chemistry I	1957
Milton, Bernard Eric, Physics IIA	1954	Koerber, Brian Walter, B.Sc., Physics IIA	1957
Mullner, Judith Anne, B.Sc., Physiology IIB	1954	Kowanko, Nicholas, B.Sc., Chemistry I	1957
Murray, Eric Lionel, B.Sc., Physics IIB	1954	McKellar, John Ralph, B.Sc., Chemistry IIA	1957
Northey, Helen Louise, B.Sc., Chemistry I	1954	Mickan, Erwin Laurence, B.Sc., Physics I	1957
Prest, David Harris, B.Sc., Physics IIA	1954	Mumme, William Gustav, B.Sc., Geology I	1957
Sasse, Wolfgang Hermann Fritz, B.Sc., Chemistry I	1954	Nichol, Lawrence Walter, B.Sc., Chemistry I	1957
Smith, John Wilton, B.Sc., Physics IIB	1954	Risely, Barrie Grenville, B.Sc., Geology IIA	1957
Stephens, John Felton, B.Sc., Chemistry IIA	1954	Snoswell, Alan Marlow, B.Sc., Bio-chemistry I	1957
Thompson, Malcolm James, B.Sc., Chemistry I	1954	Tindall, Ronald Graham, B.Sc., Physics I	1957
Tiller, Kevin George, B.Sc., Chemistry IIA	1954	Williamson, Geoffrey Lea, B.Sc., Physics IIB	1957
Brown, Judith Eileen, B.Sc., Botany IIA	1955	Winzor, Donald John, B.Sc., Chemistry I	1957
Grasso, Rosario, B.Sc., Geology IIA	1955	Abele, Charles, Geology II (i)	1958
Hale, Robert Palmer, B.Sc., Physics I	1955	Bagot, Charles Hervey, Physics II (i)	1958
Herath, Meewakkala Mudiyanseelage Jinadasa Willehad, Geology IIA	1955	Beck, Kevin Charles, Geology I	1958
Kurucsev, Tomas, B.Sc., Chemistry I	1955	Byrne, Osman Roy, Genetics I	1958
Ling, John Kynaston, B.Sc., Zoology IIA	1955	Capon, Ian Nicholas, Mathematics I	1958
Lokan, Keith Henry, B.Sc., Physics IIA	1955	Catrrall, Robert Walter, Physical and Inorganic Chemistry I	1958
McManus, John Bernard, B.Sc., Geology IIA	1955	Chong, Yoon Hin, Biochemistry II (i)	1958
Mainstone, John Sydney, B.Sc., Physics IIB	1955	Deacon, Glen Berenger, Physical and Inorganic Chemistry I	1958
Martin, Helene Alice, B.Sc., Botany IIA	1955	Ewers, William Hector, Zoology II (i)	1958
Nogare, Ronald Raphael Dalle, B.Sc., Mathematical Physics I	1955	Freytag, Ian Bernard, Geology II (i)	1958
Ophel, Trevor Richard, Physics I	1955	George, Barbara Kay, Physics II (i)	1958
Rogasch, Peter Edwin, B.Sc., Chemistry IIB	1955	Levy, Judith Anne Winstanley, Genetics II (i)	1958
Sando, Margaret, Geology IIA	1955	McGowran, Brian, Geology I	1958
Shepley, Estelle Ann, B.Sc., Botany IIA	1955	Matthew, Evelyn Maime, Physics II (ii)	1958
Treloar, Francis Edward, B.Sc., Chemistry IIA	1955	Moritz, Alan Gilbert, Organic Chemistry I	1958
		Napier, Ian Murray, Organic Chemistry II (i)	1958
		O'Connor, Maxwell James, Physical and Inorganic Chemistry I	1958
		Ollino, Richard, Physics II (ii)	1958
		Peter, Beth Ellen, Physical and Inorganic Chemistry I	1958

Porra, Robert John, Biochemistry II (ii)	1958	Katekar, Gerard Frederick, B.Sc., Organic Chemistry I	1959
Price, Trafford Conon, Physics II (ii)	1958	Lane, John Edgar, Physical and Inorganic Chemistry I	1959
Roper, Robert George, Physics II (i)	1958	Lang, Graham Bruce, B.Sc., Physics II (i)	1959
Russell, Ronald Thomas, Geology I	1958	Low, Beng See, B.Sc., Organic Chemistry I	1959
Schubert, Cedric Felix, Mathematics I	1958	Nilsson, Carl Sigurd, B.Sc., Physics I	1959
Stanbury, Peter John Terence Cathcart, Zoology II (i)	1958	Patterson, John Howard, B.Sc., Physical and Inorganic Chemistry I	1959
Von der Borch, Christopher Carl, Geology II (i)	1958	Pullman, Brian James, B.Sc., Physical and Inorganic Chemistry I	1959
Wilson, Ian Stewart, Zoology II (i)	1958	Reinfelds, Juris, B.Sc., Mathematical Physics II (i)	1959
Au-Yong, Moh Cheng, Shirley, B.Sc., Bacteriology I	1959	Rochow, Keith Arnold, B.Sc., Geology II (i)	1959
Buxton, John Balfour, B.Sc., Mathematics II (i)	1959	Sallis, John Dalwood, B.Sc., Biochemistry II (i)	1959
Chick, Malcolm, B.Sc., Biochemistry II (i)	1959	Sherwood, Leonie Marie, B.Sc., Botany II (i)	1959
Darskus, Rolf Ludwig, B.Sc., Physical and Inorganic Chemistry I	1959	Stearne, John McKenzie, B.Sc., Physical and Inorganic Chemistry I	1959
Dickson, Ronald Stanley, B.Sc., Physical and Inorganic Chemistry I	1959	Weigold, Erich, B.Sc., Physics I	1959
Fielder, Donald Raymond, B.Sc., Zoology II (i)	1959	Whittle, Christopher Playford, B.Sc., Organic Chemistry I	1959
Goddard, Peter Norman Lighton, Mathematics I	1959	Williams, Kevin Graham, B.Sc., Physics I	1959
Hearn, Anthony Clem, B.Sc., Mathematics I	1959		
Huang, Su-Eng, B.Sc., Organic Chemistry I	1959		

HONOURS DEGREE OF BACHELOR OF ENGINEERING

For previous Lists, see Calendars from 1956.

Bails, John Herbert, Mechanical I	1952	Wadsworth, Bernard Francis Peter, Electrical II	1956
Dyer, James Ross, Mechanical I	1952	Wollaston, Terence Cornthwaite, Electrical I	1956
Hooker, Robert John, Mechanical I	1952	Beltrame, Gino Ernest, Mechanical II	1957
Rose, Gordon Albert, Electrical I	1952	Bowyer, Donald Albert, Mechanical II	1957
Broadbent, Henry Neil Gribble, B.E., Electrical II	1953	Butcher, Ian Robert, Electrical I	1957
De Cean, Neil, B.E., Electrical I	1953	Edwards, Graham William, Mechanical II	1957
Griffin, Donald Ward, B.E., Electrical I	1953	Goodale, Peter Lewis, Mechanical I	1957
Murray, Noel William, B.E., Civil I	1953	Green, Harry Edward, Electrical I	1957
Rice, William Mitton, Electrical I	1953	Henderson, Ronald George, Electrical I	1957
Ross, Sydney George Frederick, B.E., Electrical II	1953	Kwok, Hae Leong, Civil I	1957
Hamdorf, Clifton John, B.E., Metallurgical and Chemical I	1954	Lim, Kwang Hua, Electrical I	1957
Hayward, John, B.E., Electrical I	1954	Liu, Hua-an, Civil II	1957
Janardhan, Narienkadu Mohanarunga, Electrical II	1954	Mercer, Donald James, Mechanical I	1957
Opie, Alan James, B.E., Metallurgical and Chemical II	1954	Nolte, Bryan Trevor, Electrical II	1957
Broadfoot, Kenneth Davidson, B.E., Electrical II	1955	Robinson, John Walton, Electrical I	1957
Brown, Richard Archibald, B.E., Mechanical I	1955	Tolmie, Ronald Philip, Electrical II	1957
Fowler, James Henry, B.E., Mechanical II	1955	Waechter, Raymond Trevor, Electrical II	1957
Palmer, Raymond Amos, B.E., Mining I	1955	Westley, John French Hebbard, Mining I	1957
Rodger, John Geoffrey, B.E. Electrical II	1955	Billingham, Onslow Chestle, Civil I	1958
Amey, Douglas John, Civil II	1956	Gray, Neil Boon, Metallurgical and Chemical I	1958
Assumpcao, Henrique Antonio d', Electrical I	1956	Reisonas, Irvis John, Civil II	1958
Bogner, Robert Eugene, Electrical II	1956	Chan, Chee Wah, Civil II	1959
Bosher, Peter Abel, B.E., Civil II	1956	Dawson, Anthony James, Civil I	1959
Breynard, Keith Beaumont, Electrical II	1956	Downer, John William, Civil II	1959
Chase, Brian Collison, Electrical I	1956	Field, Graham John, B.E., Metallurgical and Chemical I	1959
Craker, John Melville, B.Sc., Metallurgical and Chemical I	1956	Fong, Yeng Soh, Civil II	1959
Kaosaai, Prachuap, Mining II	1956	Gates, Malcolm John, Electrical I	1959
Kiusalaas, Jaan, Civil II	1956	Haskard, Malcolm Rosswyn, Electrical I	1959
Luxton, Russell Estcourt, Mechanical II	1956	Hercus, Robert William, Mechanical I	1959
Matthew, Ian George, B.Sc., Metallurgical and Chemical I	1956	Hoepner, Robert John, Mechanical I	1959
Parbo, Arvi Hillar, Mining I	1956	Kelly, Robert John, Metallurgical and Chemical I	1959
Possingham, Maxwell Leonard, Electrical I	1956	Kennedy, Michael Brian, Electrical I	1959
Richards, Brian Gordon, Civil I	1956	Khor, Teik Hean, Michael, Electrical I	1959
Smith, Roger, Electrical I	1956	Northcote, Geoffrey Graham, Mining I	1959
Staker, Robert, Metallurgical and Chemical I	1956	Oh, Kong Yew, Civil I	1959
		Robinson, Michael Laurence, Mechanical I	1959
		Sag, Andrew Gabriel, Mechanical I	1959
		Schwartz, Barry Walter, Civil I	1959
		Slee, Graham Haughton, Mechanical II	1959
		Tam, Chat Tim, Civil II	1959
		Toh, Kim Thye, Civil I	1959
		Wigglesworth, Sidney Thomas, Mechanical II	1959

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

For previous Lists, see Calendars from 1958.

Carter, Edward Diment, B.Ag.Sc. I - 1950	Sedgley, Ralph Harold, B.Ag.Sc. IIA - 1957
Mayo, George Melrose Elton, B.Ag.Sc. I - 1950	Shepherd, Kenneth William, B.Ag.Sc. I - 1957
Kleinig, Cyril Raymond, B.Ag.Sc. I - 1951	Birks, Peter Roland, Entomology II (ii) - 1958
Symon, David Eric, B.Ag.Sc. I - 1951	Hawkins, Henry Stuart, Agronomy II (ii) - 1958
Carter, Maurice Vernon, B.Ag.Sc. IIA - 1952	Van Velsen, Reuben John, Plant Pathology II (i) - 1958
Possingham, John Victor, B.Ag.Sc. IIA - 1952	Kennedy, Geoffrey Sydney, B.Ag.Sc., Agronomy II (i) - 1959
Hayman, David Lindsay, Genetics I - 1953	Taylor, James Bruce, Plant Pathology II (i) - 1959
Brownell, Peter Ferguson, B.Ag.Sc. IIA - 1954	Williams, Baden George, B.Ag.Sc., Soil Science II (i) - 1959
Davidson, James Logie, B.Ag.Sc. IIA - 1954	
Oram, Rex Neville, B.Ag.Sc. IIA - 1954	
Jeevaratnam, Appapillai Jacob, IIA - 1955	
Michael, Peter William, B.Ag.Sc. IIA - 1955	
Buttrose, Mark Sinclair, 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 - 1948	Fricker, Malcolm Swanson - - - 1956
Abbott, Herbert Lewis - - - - 1933	Gelston, Hedley Ringrose - - - 1914
Adcock, John Bartlett - - - - 1931	Genders, Alexander Forbes - - - 1949
Alderman, Henry Graham - - - - 1917	Gibson, Reginald Mends - - - 1923
Alderman, John Kevin - - - - 1938	Gifford, Alfred Silva Harrill - - - 1919
Alderman, John Robinson - - - - 1950	Giles, Acland - - - - 1905
Andrews, Walter Frederick - - - - 1888	Gillman, Joseph Fisher - - - - 1921
Ashton, Edward James Wilberforce - 1896	Goldsworthy, Napier Lytton - - - 1949
Ashton, Thomas Edward - - - - 1941	Goldsworthy, Spencer Gordon - - - 1916
Astley, Michael John - - - - 1950	Goldsworthy, William Beazley - - - 1903
Atkinson, Alfred Harris Owst - - - - 1900	Goode, David Russell - - - - 1949
Badger, Magnus - - - - 1918	Goode, Evan Anderson - - - - 1926
Bakewell, William Kenneth - - - - 1908	Gordon, Leslie Kenneth - - - - 1947
Beerworth, William Carl - - - - 1932	Grubb, Roy William - - - - 1949
Bennett, Henry Trevor - - - - 1949	Cun, Clement Townsend - - - - 1920
Berry, George Augustus - - - - 1887	Gun, John Townsend - - - - 1953
Boucaut, Douglas le Rey - - - - 1927	Gun, Lloyd Townsend - - - - 1949
Boucaut, George Hiles - - - - 1906	Gwynne, Ilted Gordon - - - - 1891
Boucaut, Ian Penn - - - - 1930	Hague, Percy - - - - 1897
Brebner, Charles Ross - - - - 1953	Hall, Robert Fishburn - - - - 1936
Bright, William Stuart - - - - 1904	Harders, Clarence Waldemar - - - 1943
Buttrose, Murray - - - - 1927	Hardy, John Scott - - - - 1926
Came, Alfred George - - - - 1931	Harford, Basil Beverley - - - - 1928
Cheek, Reginald Heithersay - - - - 1921	Hargrave, Charles Townshend - - - 1904
Ciberas, Stasys - - - - 1950	Hargrave, Joshua Addison - - - 1890
Claridge, Philip James - - - - 1947	Hargrave, Lancelot Morton Spiller - - 1921
Clark, John Osborne - - - - 1935	Harry, Richard Varley - - - - 1937
Clarke, Laurence Eric - - - - 1920	Hay, Frederick Dean - - - - 1934
Cleland, Peter Fullerton - - - - 1939	Hayward, Cedric Charlie - - - - 1923
Cleland, Thomas Erskine - - - - 1919	Healy, Kevin John Bernard - - - 1915
Cocks, Arthur Wellesley - - - - 1936	Heseltine, Samuel Richard - - - 1903
Collins, Dean Francis - - - - 1947	Heuzenroeder, Rudolph Hermann - - 1913
Collins, Frank Lloyd - - - - 1926	Heuzenroeder, William Ritter - - - 1929
Colquhoun, Colin Roy - - - - 1928	Hill, Henry Richard - - - - 1887
Coventry, Charles James - - - - 1911	Hilton, Keith Denyer - - - - 1947
Cresswell, George Edwin - - - - 1929	Hodby, Herbert Charles - - - - 1922
Cutlack, Peter Robert - - - - 1926	Holland, George Harold - - - - 1920
Daly, Kevin Joseph - - - - 1943	Holland, William Corin - - - - 1909
Davenport, Arthur Vernon - - - - 1916	Homburg, Hermann - - - - 1896
Davey, John Ryan - - - - 1938	Homburg, John Hamilton - - - - 1939
Davey, Robert Shannon - - - - 1915	Homburg, Renolf - - - - 1929
Davies, Cecil Ernest - - - - 1928	Homburg, Robert - - - - 1897
Davis, Raymond William - - - - 1934	Humby, Rexton James - - - - 1943
Davison, John Hubert Hawdon - - - - 1908	Hunt, William Robert - - - - 1919
Davoren, Michael Dominic - - - - 1940	Hutchison, Charles Vernon Stuart - - 1937
Davoren, Thomas Anthony Francis - 1937	Innis, Kenneth Norman - - - - 1925
Dawe, Reginald Stanley - - - - 1936	Jacobs, Samuel Joshua - - - - 1946
Denny, William Joseph - - - - 1908	James, Alfred Charles - - - - 1899
Dow, Ian Baird - - - - 1949	Jessup, George Aubrey - - - - 1933
Driffield, George Carus - - - - 1889	Johnson, James Howard - - - - 1900
Durston, Sidney Bridle - - - - 1889	Johnston, Laurence Frederick John - - 1931
Edmunds, Keith Stacey - - - - 1937	Jordan, David Wallace - - - - 1949
English, John Arthur - - - - 1952	Joyner, Frederick Allen - - - - 1883
Ferdinandy, Laszlo - - - - 1958	Kearney, Beasley James William - - 1925
Fischer, Robert John - - - - 1949	Keats, Frederick Phillips - - - - 1909
Fisher, Francis Robert - - - - 1949	Kennedy, Donald Angas - - - - 1904
Fisher, Guy - - - - 1920	Kerin, William Francis - - - - 1944
Fleming, Stanley Hugh - - - - 1902	Kinnane, Alexander John - - - - 1935
Fletcher, John Weld - - - - 1940	Kirkman, Kenneth Hainsworth - - - 1918
Foster, Henry Edgar - - - - 1889	
Fox, John Henry - - - - 1895	

Lake, Clement William	Hingston	- - -	1907	Power, Louis Bertrand	- - - - -	1937
Leslie, John	- - -	- - -	1922	Puddy, Albert Forwood	- - - - -	1934
Lewis, Stanley Heathcote	- - -	- - -	1927	Pyne, William Ewart	- - - - -	1915
Little, Egbert Percy Graham	- - -	- - -	1898	Rankin, Henry Oliver Arthur	- - - - -	1912
McCann, William Francis James	- - -	- - -	1925	Reed, Douglas	- - - - -	1940
McCarthy, James Crimteen	Ellely	- - -	1925	Reeves, Charles Wheatley	- - - - -	1924
McCarthy, Neil Douglas	- - -	- - -	1955	Regan, James William	- - - - -	1913
McEntee, Kevin Vincent	- - -	- - -	1931	Reid, Walter Gliddon	- - - - -	1909
McEwin, George	- - -	- - -	1897	Reilly, Matthew Leonard	- - - - -	1939
McGee, Edward Patrick	- - -	- - -	1933	Roberts, Donald Arthur	- - - - -	1912
McGee, John	- - -	- - -	1916	Rollison, Gerald Dominic	- - - - -	1937
Mackay, Alan Justin	- - -	- - -	1936	Rollison, William Alexander	- - - - -	1915
Mackenzie, Charles Norman	- - -	- - -	1909	Ronald, Stewart Douglas	- - - - -	1910
McLachlan, Alexander John	- - -	- - -	1894	Rutter, George Lyall	- - - - -	1920
McLachlan, Ian	- - -	- - -	1932	Rymill, Arthur Campbell	- - - - -	1928
McLeay, Marshall John	- - -	- - -	1927	Sampson, Joyce Holman	- - - - -	1952
Magarey, Ashley Henderson	- - -	- - -	1932	Sanderson, Kenneth Francis Villiers	- - - - -	1918
Marshall, John	- - -	- - -	1951	Shepherd, Joseph Scoresby	- - - - -	1899
Martin, Hugh Wallis	- - -	- - -	1920	Shepherd, Scoresby Arthur	- - - - -	1957
Mathews, Llandaff Brisbane	- - -	- - -	1924	Smith, Frank Seymour	- - - - -	1914
Matson, Victor Charles	- - -	- - -	1945	Smith, Francis Villeneuve	- - - - -	1906
Matulich, Ross Noel	- - -	- - -	1949	Smith, Paul Teesdale	- - - - -	1920
Mellor, James Corry	- - -	- - -	1949	Solomon, Helen Ethel	- - - - -	1933
Mellor, Thomas Reginald	- - -	- - -	1915	Solomons, Phillip Roland Nathan	- - - - -	1939
Menzies, Stewart Keith	- - -	- - -	1937	Somerville, Archibald John	- - - - -	1952
Michell, George Wilfrid	- - -	- - -	1920	Sparrow, Cyril Keith	- - - - -	1921
Michell, John Elsome	- - -	- - -	1923	Stockdale, William John	- - - - -	1889
Millhouse, Vivian Rhodes	- - -	- - -	1925	Stokes, Robert Francis	- - - - -	1938
Mills, Elliott Whitfield	- - -	- - -	1940	Sutherland, Allan James Lavis	- - - - -	1919
Mollison, Thomas	- - -	- - -	1928	Swan, William Alfred	- - - - -	1948
Morris, Gronwy Lewis	- - -	- - -	1932	Sweeney, John Grant	- - - - -	1915
Muirhead, Henry Mortimer	- - -	- - -	1909	Sykes, Howard de Pledge	- - - - -	1936
Mutton, Carlyle Herbert	- - -	- - -	1938	Tapley, Willis Wayte	- - - - -	1909
Napier, Robert Mellis	- - -	- - -	1936	Treloar, James Leonard Sydney	- - - - -	1923
Nesbit, Hubert Gordon Pariss	- - -	- - -	1915	Tucker, Reginald Mervyn	- - - - -	1915
Nesbit, Lancelot Julian	- - -	- - -	1925	Vandenbergh, William John	- - - - -	1896
Nesbit, Reginald George	- - -	- - -	1900	Von Bertouch, Leopold	- - - - -	1920
Newman, Douglas Ralph	- - -	- - -	1949	Von Doussa, Stanley Bowman	- - - - -	1901
Newman, Ralph Frederic	- - -	- - -	1921	Von Doussa, William Louis	- - - - -	1924
Nicholls, Theodore Henry	- - -	- - -	1900	Wald, Irvine Dale	- - - - -	1923
Nickolls, Peter Michael	- - -	- - -	1952	Wallace, Norman Verschuer	- - - - -	1920
Nitschke, Galva Dennis	- - -	- - -	1954	Ward, Henry Torrens	- - - - -	1900
Nuske, Sydney Gordon	- - -	- - -	1954	Warren, Sydney John	- - - - -	1911
Odlum, Reginald Lance	- - -	- - -	1937	Weaver, Alfred Charles	- - - - -	1903
O'Grady, Francis Ignatius	- - -	- - -	1939	Webb, Beecher Noel	- - - - -	1930
Owen, William Frederick	- - -	- - -	1906	Whimpress, Thomas Abraham	- - - - -	1934
Pavy, Emily Dorothea, B.A.	- - -	- - -	1928	Williams, Dudley Charles Call	- - - - -	1946
Pavy, Gordon Augustus	- - -	- - -	1924	Williamson, James Aubrey	- - - - -	1925
Pearce, Peter Sydney	- - -	- - -	1956	Winnall, John Edward Hyde	- - - - -	1893
Pearson, Charles Mason	- - -	- - -	1917	Worth, Frank Lindsey	- - - - -	1932
Penny, Bertram Stephens	- - -	- - -	1908	Wright, Charles Joseph Harvey	- - - - -	1888
Penny, Clifton Raymond	- - -	- - -	1893	Wright, Sydney Charles Grenville	- - - - -	1923
Philcox, Claude Joseph Owen	- - -	- - -	1929	Yelland, Dene Sturt	- - - - -	1930
Povey, Edward	- - -	- - -	1916	Young, Martin	- - - - -	1933
				Zeising, George Ignatius	- - - - -	1919

ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	- - -	1925	Bruggeman, Martha Dorothy	- - - - -	1904
Adamson, Myrtle Gwendoline	- - -	1918	Burnard, David Alexander	- - - - -	1925
Alexander, Mary Vera	- - -	1917	Byrne, Mary Teresa	- - - - -	1927
Allgrove, Beatrice Jane	- - -	1951	Cadd, Hartley Blair Hogarth	- - - - -	1951
Anderson, Jean	- - -	1936	Carmichael, Doris Darby	- - - - -	1923
Andrew, Una Lois	- - -	1915	Catt, Shirley Pearson Clifford	- - - - -	1938
Ashton, Kathleen Anne	- - -	1935	Chapman, John Pearce	- - - - -	1958
Attwell, Edna Marie	- - -	1918	Chappel, Phyllis Harvey	- - - - -	1924
Badenoch, Constance Mary	- - -	1921	Cheek, Alan Carvosso	- - - - -	1929
Bampton, Alfred John	- - -	1915	Cheek, Muriel Elizabeth	- - - - -	1900
Barbour, Dorothy Jean	- - -	1928	Cilento, Gladys Muriel West	- - - - -	1913
Barnden, Vina Melba	- - -	1933	Cockburn, Julia Evelyn	- - - - -	1930
Barry, Margaret Mary	- - -	1927	Coleman, Rosemary Ann	- - - - -	1955
Basedow, Ivy Marie	- - -	1912	Collins, Ella Mary	- - - - -	1916
Bates, Edgar Clarence	- - -	1929	Collins, Yensie Margaret	- - - - -	1937
Baulderstone, Clarice Moore	- - -	1923	Commene, Teresa Audrey	- - - - -	1938
Beutcher, Lila Margaret	- - -	1955	Coonan, Mary Madeline	- - - - -	1955
Bice, Brenda Mae	- - -	1957	Coonan, Rita Norlean	- - - - -	1919
Black, Edward William	- - -	1923	Coumbe, Hurtle Harold	- - - - -	1912
Booth, Jean Marie	- - -	1941	Counter, Beryl Cole	- - - - -	1924
Bowen, Gordon Melville	- - -	1935	Cozens, Vida Victoria	- - - - -	1928
Brand, Marguerite Mary	- - -	1958	Craig, Margaret Heather	- - - - -	1955
Brindal, Ellen Grace	- - -	1922	Crampton, Daisy Myrtle	- - - - -	1945
Brooks, Doreen Mavis	- - -	1940	Cresswell, Muriel Blanche Lillecrapp	- - - - -	1925
Brooks, Merle Olive	- - -	1942	Cronin, Alice Elsie	- - - - -	1937
Brown, Kathleen Mary	- - -	1917	Curry, Shirley-Anne	- - - - -	1955

Daenke, Dorothy Lucy	1929	McMahon, Mary Carmel	1955
Davy, Rubia Claudia Emily	1903	Macpherson, Margaret Webster	1957
d'Arcy-Irvine, Alice Bond	1913	Mallon, Alice Mary	1923
Day, Florence Muriel	1913	Manning, Hilda Mahala	1902
Dick, Pauline May	1950	Marker, Lois Beatrice	1951
Dix, Jessica Laura	1928	Marrett, Hannah Olive	1926
Edwards, Herbert Percival	1922	Martin, Thelma Dorothy	1917
Ekers, Theodora Allman	1930	Matters, Arnold Hatherleigh	1926
Evans, Bert	1913	Mayfield, Vera Selina Gwendoline	1927
Ewing, Violet Emily	1958	Mead, Janet Carolyn	1959
Ey, Kathleen Elsie	1938	Mears, Kathleen Devenish	1955
Finch, Laura Evelyn	1932	Meegan, Alice	1922
Fisher, Helena Catherine	1924	Meegan, Kathleen Mary	1917
Flaherty, Annie Josephine	1907	Merchant, David John	1952
Foale, Harold Robert	1925	Mewkill, Paula Mary	1915
Francis, Bessie	1925	Mills, Gene Louise	1950
Francis, Violet Leone	1929	Mitchell, Elizabeth Anne	1956
Freeman, Ivy Gwendolen McLeod	1931	Morley, Evelyn Mabel	1925
Gallisch, David Russel	1957	Morton, Mary Ruth	1931
Gard, Harold John	1918	Murray, Joan	1954
Gehling, Ronda Beryl	1940	Narroway, Peter Kingsford	1951
Gersch, Paul Johannes	1954	Naylor, Ruth Winnifred	1924
Geyer, Clem August	1922	Norman, Jean Margaret	1928
Giles, Allan Leonard	1949	Oldham, Dorothy	1914
Gill, Hilda Beatrice	1916	Paddon, Una Margery	1920
Gillespie, Jean Katherin	1937	Paley, Clifford Arnold, B.A.	1941
Glatz, Laurina Ruby	1929	Palmer, Ethel Rose	1918
Gmeiner, Clarice Haidee Beatrice	1924	Palmer, Judith Anne	1955
Goss, Lucy Vera	1909	Parham, Marlene Marie	1955
Goyder, Patricia	1937	Parkinson, Charlotte Ethel Violet	1901
Gray, Lorna Dorothy	1950	Pascoe, Philippa Mary	1947
Gray, Marylouise	1957	Pearson, Kathleen Crawford	1923
Griffiths, George Townsend	1914	Penalurick, Lola	1921
Griggs, Arden Michael	1957	Penrose, Alva Ivo	1924
Groth, Fred	1929	Perkins, Horace James	1926
Grosser, Eileen May	1924	Perkins, Marie Pauline	1948
Gunning, Shelley Anne Stannus	1958	Perry, Margaret Fay	1950
Hakendorf, Carmel Mary	1947	Phipps, Charlotte Lucy Barkwell	1905
Haese, Beth Theodora	1940	Porter, James Lincoln	1957
Hales, Malcolm Roy	1948	Prince, Jean Florence	1921
Hancock, Mary Frewin	1928	Prince, Muriel Marjory	1923
Hantke, Ethel Hilda Hedwig	1902	Puddy, Betty Froome	1931
Harvey, Faith Fairbank	1943	Puddy, Maude Mary	1900
Heck, Judith Anne	1958	Pyne, Tryphena Grace	1918
Henry, Gladys Amy Thelma	1926	Reimann, Hilda Marie	1912
Hine, Clytie May	1908	Reimann, Leta Edith	1932
Hoche, Edith	1908	Renou, Jean Lois	1923
Hogon, Eileen Margaret	1917	Riedel, Melita Wanda	1918
Holder, Alison Joyce	1938	Roach, Mary Moyle	1910
Holman, Frank Reginald	1919	Roberts, Winifred Sophie	1911
Holmes, Patricia Langley	1948	Robinson, Mary Patricia	1935
Hooker, George	1945	Rofe, Joyce Newton	1933
Horgan, Lillian Veronica	1936	Rowe, Elsie Maud	1919
Hounsell, Marjorie Nora Drew	1938	Rowe, Florence Nellie	1914
Howard, Winnifred Jean	1917	Rudemann, Elsa Wilhelmine	1903
Hurn, Mavis Lacey	1926	Sansom, Joyce Mary	1940
Hyde, Miriam Beatrice	1923	Sara, Lily Emmaline	1916
Ingham, Myrtle Lavinia	1916	Sayers, Alice Mabel	1901
Jacobs, Doreen Miriam	1938	Scammell, Ethelwyn	1910
James, Doris	1912	Schramm, Kathryn	1954
James, Vida Margretta	1917	Searle, Hartley Malcolm, B.A., B.Sc.	1939
Jones, Lewis La Vence	1919	Shapley, Dorothy Alice	1939
Joyce, Kate	1904	Shephard, Beatrice Joan	1935
Keen, Lilian Guard	1920	Shipway, Margaret Elizabeth	1953
Kemp, Francis Joseph Edmund	1928	Short, John Thomas Gordon	1907
Kemp, Marion Kirkwood	1903	Simcock, Hilda May	1917
King, Margaret Jessica Esmee	1956	Sinclair, Jean Lily	1924
Kimmont, Rosamoud	1924	Slee, John Stevens	1952
Klose, Patricia Mary	1950	Smith, Imelda Catherine	1930
Knebone, Joan Adelaide Cavell	1938	Smith, Margaret Joan	1950
Knowing, Gwenda	1952	Solomon, Betty	1930
Kollosche, Samuel	1910	Spehr, Francesca	1901
Langford, Joan	1952	Spriggs, Harriet Rosetta	1919
Lawton, Josephine Margaret	1956	Stoneman, Doreen	1921
Lee, Marjorie Freda	1926	Stoneman, Olivia Charlotte	1930
Leonard, Mary Joselyn	1956	Summers, Phyllis Harvey	1930
Lindh, Carlene Margaret	1959	Swincer, Patty	1948
Litchfield, Jean Rainsbury	1926	Symon, Elizabeth Jean	1959
Lodge, Elizabeth Florence Cranston	1953	Taylor, Gladys Leslie	1908
Luxton, Jean Estcourt	1952	Taylor, Jean Rosabelle	1926
McDermid, Neil Harvey	1956	Thomas, Sylvia Caroline Curtis	1921
McGrath, Constance Cecily	1926	Thrush, Annie Vera	1915
McGregor, Dorothy Mary	1930	Tidemann, Ernest Phillips	1927
McKinnon, Clara Elizabeth	1942	Tonkin, Phyllis Anna	1923
McLaughlin, Eric Enstone	1926	Tosolini, Palmira Rose	1951

Treloar, Fay - - - - -	1957	Watts, Mollie Louisa - - - - -	1930
Trenerly, Thora - - - - -	1944	Webb, Irene Margaret Thomson - - - - -	1926
Tuck, Joyce Edith - - - - -	1940	Whillas, Helen May - - - - -	1901
Tuck, Vivien Margaret - - - - -	1941	White, Elizabeth Alice - - - - -	1953
Tunks, Flora Marion - - - - -	1931	Whittington, Clytie Myrtle - - - - -	1917
Vardon, Daisy - - - - -	1914	Whittington, Sylvia Muriel - - - - -	1911
Verco, Alison Martha - - - - -	1950	Wibberley, Brian - - - - -	1908
Verco, Gladys Kathleen - - - - -	1928	Wiebusch, Adele Maria Dorothea - - - - -	1924
Vick, Lloyd Winston - - - - -	1937	Williams, Hartley - - - - -	1929
Virgo, Jean Ysobell - - - - -	1934	Williams, John Alexander - - - - -	1925
Virgo, Violet Myra - - - - -	1919	Williams, Mervyn Ewart Lancelot - - - - -	1924
Wall, Myrtle Trilby - - - - -	1917	Williamson, Arthur Burton - - - - -	1908
Wallmann, Beatrice May - - - - -	1909	Wollaston, Margaret Thirlmere - - - - -	1941
Walsh, Lillian May - - - - -	1926	Wordie, Ada Winifred - - - - -	1918
Warnecke, Mary Isabel - - - - -	1954	Zeven, Aila - - - - -	1922

LIST OF STUDENTS WHO HAVE OBTAINED THE ADVANCED COMMERCIAL CERTIFICATE

Coffey, William James - - - - -	1904	Muir, Thomas Grieve - - - - -	1904
Donnelly, Albert Laurence - - - - -	1905	Robertson, John George - - - - -	1906
Kleeman, Theodore Richard - - - - -	1906	Russack, Friedrich Wilhelm - - - - -	1907
McMichael, Clunie Brice - - - - -	1904	Threadgold, Stanley Garfield - - - - -	1907

ASSOCIATES IN COMMERCE

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

Burr, Frederick Samuel	- - - -	1923	Dickson, Ronald Archibald	- - - -	1952
Butler, Tom	- - - -	1939	Dobson, Alfred James	- - - -	1909
Caldler, William Cormack	- - - -	1913	Dodd, Robert Hedley, B.A.	- - - -	1947
Caldwell, Hilda Valmai	- - - -	1928	Donaldson, John Monfries	- - - -	1941
Callaway, William Frank	- - - -	1931	Donnell, Leslie John	- - - -	1939
Cameron, Elizabeth Mary	- - - -	1938	Dowie, Jean Phillis	- - - -	1935
Cameron, Roy James	- - - -	1945	Dowling, Crosby James	- - - -	1951
Campbell, Harold Duncan	- - - -	1925	Downs, Claude Edmund	- - - -	1932
Cane, Jack	- - - -	1938	Downs, Donald Archibald	- - - -	1938
Cant, Leonard George	- - - -	1917	Drabsch, Leo John	- - - -	1948
Cant, Rex Birdsey	- - - -	1931	Duffield, Gordon Llewellyn	- - - -	1936
Carey, Gerald David	- - - -	1951	Duldig, Milton Edwin	- - - -	1939
Carter, Alan Keith	- - - -	1953	Duncan, John Bayfield	- - - -	1953
Carter, David Burleigh	- - - -	1950	Dunn, Raymond Keith	- - - -	1950
Carter, Elijah	- - - -	1952	Dynon, William Ralph	- - - -	1951
Caut, Leslie George William	- - - -	1921	Easson, 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
Charlick, 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	Elfick, 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
Cobiae, 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	Evens, 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
Cootte, 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, Lawrence 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	Frayne, Jack Edmonston	- - - -	1935
Daniel, Claude Alfred Vaughan	- - - -	1921	Fricke, Lourdes Victoria	- - - -	1948
Daulby, Herbert Stanley	- - - -	1936	Fricke, Ronald Frank	- - - -	1957
Davey, John Vernon	- - - -	1953	Fritsch, Viola Phoebe	- - - -	1951
Davey, Richard Howard	- - - -	1950	Frost, Ernest Martin	- - - -	1949
Davidson, Cuthbert Hewett	- - - -	1924	Fry, Arthur Henry Percival	- - - -	1910
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

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

MacLeod, Ian Frederick Angus	1956	O'Shaughnessy, Ronald	1957
McShane, Reginald Edward	1951	Othams, Douglas Geoffrey	1954
Mack, Arthur William	1925	Padget, Dora Jane	1928
Mack, Jack Hamilton	1953	Paech, Richard Leonard	1947
Macklin, Bruce Roy	1939	Painter, Edward Websdale	1920
Maegraith, Paul Reginald	1952	Palmer, Bruce Cole	1938
Mahoney, John Joseph	1927	Paltridge, Angus Lindsay	1950
Malcolm, Kathleen	1933	Pannell, James Ridgway	1955
Marchant, Vernon Harold	1929	Parham, Geoffrey William	1954
Marrett, Lorna Liggett	1922	Park, Gilbert Maxwell	1923
Marsden, Bruce Cecil	1951	Parker, Murray Friend	1956
Marshall, Alma Kathleen	1921	Parkinson, John Haslam	1934
Martin, Colin Walter	1925	Parr, Harry Sidney	1916
Martin, Eric Joan	1923	Parr, Stanley Robert	1949
Masters, Reginald Keith	1935	Pascoe, Douglas Everett	1927
Mathews, Hugh Charles	1951	Pascoe, Ronald Francis	1936
Mathews, Reginald William	1928	Patterson, Isabel Maude Holmes	1945
Mathews, Leonard George	1934	Patterson, Robert Banks	1936
Maunder, Leonard Edward James	1926	Payne, Randolph Douglas	1948
Mead, John William, B.Ec.	1953	Pearce, Francis James	1952
Meeney, Thomas Francis	1948	Peart, Kathleen Grace	1947
Mehrtens, Bronte	1950	Pederick, Hubert Oswald	1929
Mengerson, Norman Victor	1919	Penglase, Ronald Clyde	1954
Menkins, Frank Hermann	1908	Pentelow, Edith May	1929
Merchant, Eric George	1948	Perriam, Clifford Allan	1937
Messent, Albert Edward	1908	Perriam, Eric Charles	1939
Messent, Frank Ashby	1927	Peterson, Ronald John	1937
Middleton, Clement Roy	1951	Phelps, Winifred Annie	1925
Miller, Colin James	1957	Philcox, Claude Joseph Owen	1923
Miller, Gavin Robert	1918	Pike, Vernon Horace Charles	1937
Miller, Lyle Clark	1947	Pitcher, Ronald Samuel	1923
Mills, Edward Whitfield	1915	Pledge, Martha Phoebe	1930
Mills, Robert Neil	1951	Polden, Donald Watkins	1956
Minson, Charles Stanley	1930	Pollnitz, Percy Frederick	1935
Mitchell, Brian John	1955	Ponder, Gilbert Walter Graham	1914
Mitchell, Bruce	1919	Potter, Donald Roy	1937
Mitchell, John Turnbull	1938	Potter, Frank Jacques	1942
Mitchell, Lurline Vaughan	1933	Potter, Wilfred Tom	1951
Mitchell, Shirley Eileen	1944	Pounsett, John Lenton	1949
Mobsby, Edward Tompson	1940	Preskett, Malcolm	1957
Moncrieff, Joan Lorimer	1925	Price, Henry Ernest	1930
Moore, Walter Harry	1935	Prior, Olive Cora	1933
Moore, Warwick Grey	1935	Prosser, Ian Neville	1955
Morcom, Kenneth Douglas	1940	Proud, Katherine Lily	1910
Morphett, Michael Louis	1957	Prystawski, Omelan	1955
Mortess, Eric James	1925	Pulford, Vivian George	1948
Mould, Francis Edmund	1927	Puttman, Robert Marsh	1954
Mount, Michael Jaunay	1951	Raffelt, Helene	1925
Moyes, Cecil Clarence	1918	Ramsey, Alfred Maxwell	1941
Moyes, Charles Robert	1913	Ransom, William Robert George	1932
Moyle, John Ewart	1917	Raphael, Alan Ralph	1956
Muecke, Carl Wilhelm Ludwig	1908	Raymond, Reginald Norman	1935
Mullen, Brian Anthony	1930	Read, Angus Robert	1929
Mullin, Mary Margaret	1925	Read, Howard Llewellyn	1926
Mullins, Francis Patrick	1926	Redman, Jessie Adelaide	1929
Munro, Elizabeth Margaret	1930	Reed, Frank Basil	1939
Murray, Donald	1930	Reilly, Lawrence Joseph	1948
Murray, Ronald George	1936	Reynolds, Ernest Joseph Walter	1925
Mutton, Henry Edwin Howard, M.A.	1926	Rhodes, Ronald Sydney	1927
Nairn, Donald Maxwell	1936	Richards, Kenwyn Howard	1937
Naulty, Reginald	1937	Richardson, Jack Avon	1928
Nave, John Lionel	1929	Riches, Robert Wilfred	1932
Needham, George Francis Jack	1911	Ridgway, Frank Reginald	1938
Nettle, Kenneth Ralph	1948	Riebe, Erwin John	1929
Neuenkirchen, Hermann Adolph Heinrich	1912	Riley, Olly Beata	1931
Newbold, Murray Charles Lewis	1949	Ringwood, Robert Ainslie	1939
Newman, Kenneth Fisher	1928	Rippin, John William	1949
Nicol, Beryl Elvira	1943	Roberts, James Andrew	1935
Oakley, Lyle Beresford	1949	Roberts, Kenneth James	1949
O'Brien, Paul Dominic	1937	Roberts, Ronald Theodore	1953
O'Dea, John Leonard	1950	Robertson, George Oliver	1908
Odgers, Charles Edwin	1955	Roennfeldt, John William	1937
O'Donnell, James Richard	1941	Rooney, John Francis	1928
O'Flaherty, Michael Sidney	1948	Rose, Vivian Clement	1933
O'Flaherty, Reginald Kitchener	1937	Rowe, George Eddy	1951
O'Flaherty, William Edward	1951	Rungie, Maxton Keith	1934
O'Grady, Michael James Anthony	1950	Rush, Douglas Bartlett	1949
O'Grady, Oswald James	1923	Rush, Herbert Stanley	1934
Oliphant, Nigel Besant	1933	Russack, Frederick William, jun.	1927
Oliver, Edward Bruce	1935	Ryan, William John	1927
Oliver, Raymond Charles	1933	Safra, Benjamin Louis	1950
Ophel, Ralph Burnell	1933	Sallis, Brian Leonard	1955
Ormond, Colin William	1943	Sambell, Frederick James	1919
Osborne, Dennis James	1956	Sando, Gordon Victor	1929

Sarre, James Ayrton - - - -	1938	Tilbrook, Kevin Townsend - - - -	1949
Sawade, Ronald Frederick - - - -	1954	Tillett, Arthur Colin - - - -	1930
Scanlan, Ronald Frederick - - - -	1951	Todd, Beryl Nance - - - -	1940
Schedlich, Bryan Linn - - - -	1951	Topperwein, Jessie Jeanette - - - -	1925
Schirmer, Gerhart Percy - - - -	1942	Travers, Edward Ambrose - - - -	1923
Schneider, Wilfred, B.E. - - - -	1932	Treleaven, Ross - - - -	1950
Schumacher, Bert Edward Bernard - - - -	1933	Treloar, Ronald William - - - -	1949
Seaman, Gilbert Frederick - - - -	1935	Trigg, Frank Elliot - - - -	1928
Searcy, John Dudley - - - -	1934	Trimmer, Noel Donavan - - - -	1950
Seddon, Gordon David LeMessurier - - - -	1939	Tucker, Colin Pryor - - - -	1950
Sellars, Norman Lionel - - - -	1923	Tuckwell, Kenelm Sinclair - - - -	1925
Selth, Maurice Burlitt - - - -	1938	Turnbull, George Alexander - - - -	1930
Shaw, Ian William - - - -	1955	Turner, Arthur Frederick - - - -	1932
Shepherd, Rupert Lloyd - - - -	1927	Turner, Jack - - - -	1925
Sheppard, Bernard Aubrey - - - -	1910	Turner, Mervyn Richard - - - -	1938
Sheppard, John Tyndall - - - -	1928	Turner, Percy - - - -	1913
Shier, Marjorie Dufty - - - -	1939	Turner, Raymond Stanmore - - - -	1930
Shuttleworth, Robert Thomas - - - -	1926	Twiss, William Wilcott - - - -	1935
Simmons, Donald William - - - -	1939	Underhill, Joseph Douglas - - - -	1950
Simmons, Peter James - - - -	1950	Valentine, Thomas George - - - -	1950
Simpson, Alfred Moxon, B.Sc. - - - -	1949	Vawser, Leeson William - - - -	1920
Simpson, John Favilla - - - -	1948	Vawser, Frank Derwent - - - -	1925
Sinclair, Jack - - - -	1955	Vawser, Noel Keith - - - -	1941
Slade, James Henry Gray - - - -	1938	Verco, Wilfred Douglas - - - -	1940
Slape, Marcus Frank - - - -	1937	Vincent, Harry - - - -	1932
Smith, Charles Alfred - - - -	1910	Vincent, Mary - - - -	1935
Smith, Clarice Margaret - - - -	1929	Viney, Lawrence George - - - -	1940
Smith, Dawn - - - -	1949	Virgo, Ronald Gilmour - - - -	1937
Smith, Eileen Milton - - - -	1930	Wagstaff, Ronald - - - -	1937
Smith, Henry Morris - - - -	1928	Wahlqvist, Hugo Carl - - - -	1923
Smith, Isaac Francis - - - -	1923	Walch, Geoffrey Roberts - - - -	1937
Smith, Kenneth Brian Innes - - - -	1949	Waldeck, Reginald David Chapple - - - -	1933
Smith, Leslie Hamilton - - - -	1953	Walkington, Newton Gilbert - - - -	1934
Smith, Margaret Shea - - - -	1950	Walkley, John Daniel Clifford - - - -	1957
Soar, Dudley Turner, B.Ec. - - - -	1953	Wallage, John Douglas - - - -	1955
Soar, Harold Arnold - - - -	1953	Walsb, Paul - - - -	1941
Solly, Hubert Ambrose - - - -	1913	Walter, Hugh Garthwaite Ephraim - - - -	1938
Soper, Graham Michael - - - -	1954	Wardman, Charles Howard - - - -	1941
Sorell, Donald George - - - -	1945	Wanchope, James George Neilson - - - -	1911
Spence, Lionel Dudley - - - -	1948	Webb, George Carlile - - - -	1938
Spitz, Francis - - - -	1954	Werte, Mavis Jean - - - -	1948
Stalley, Douglas John, M.Ec. - - - -	1952	West, Kenneth Charles - - - -	1951
Stanford, Walter Henry - - - -	1927	Wheeler, Horace Roseby - - - -	1911
Stapleton, Thomas Leslie - - - -	1943	Whelan, Patrick John - - - -	1937
Starling, Clifford Joseph - - - -	1947	White, Godfrey Alfred - - - -	1947
Steele, Robert Moore - - - -	1908	White, Jack Walter Robert - - - -	1950
Stefansky, Zenon - - - -	1956	White, Wilfred Allan - - - -	1940
Stephenson, Ezra - - - -	1928	Whitridge, Gladstone Keith - - - -	1920
Stephenson, John - - - -	1924	Whittenbury, Vernon Frank - - - -	1949
Stock, Adrian Aston - - - -	1941	Whittle, Ralph Keith Linthorne Cresdee - - - -	1952
Stoner, Ross Arthur - - - -	1953	Whitwell, Bruce Dowland - - - -	1934
Strange, Ronald Glen - - - -	1955	Wickes, Donald William - - - -	1937
Stuart, Arthur Donald - - - -	1926	Wildy, Mervyn Arthur George - - - -	1950
Sulan, Charles - - - -	1952	Wilkie, Alan John - - - -	1957
Summers, David Charles - - - -	1937	Wilkins, Ada Dorothy Marion - - - -	1927
Sunter, John Scott - - - -	1936	Williams, Albert Bruce Wauchope - - - -	1925
Swan, John Gordon, - - - -	1948	Williams, Edward George - - - -	1934
Swanson, Alexander - - - -	1929	Williams, Eric Spencer - - - -	1922
Swanson, James Baikie - - - -	1948	Williams, Gilbert Raymond - - - -	1953
Sweeney, James - - - -	1935	Williams, John Carter - - - -	1917
Talbot, John Saxton - - - -	1940	Williams, Kenneth Douglas - - - -	1951
Tassie, Eric Harry - - - -	1917	Williams, Norman Lindsay - - - -	1951
Taylor, Deane Brownfield - - - -	1938	Williams, Ronald Bannister - - - -	1937
Taylor, James Scott - - - -	1933	Williams, Zena Vera - - - -	1926
Taylor, Raymont Fyfe - - - -	1947	Williamson, Harold Edgar - - - -	1926
Taylor, Ronald - - - -	1952	Wilson, Aileen Elsie - - - -	1952
Taylor, Walter Henry - - - -	1935	Wilson, William Norman - - - -	1950
Temme, Bernhard Robert - - - -	1931	Wilton, James Hardy - - - -	1954
Thamm, Louis George - - - -	1933	Winch, Ronald Thomas - - - -	1954
Thomas, Bruce Ian - - - -	1938	Winter, Claude Howard Stanley - - - -	1914
Thomas, Harold Clarke - - - -	1908	Wood, Alfred Evelyn - - - -	1909
Thomas, Jack - - - -	1928	Wood, Maurice Garnet - - - -	1938
Thompson, Frederick Aubrey Jones - - - -	1929	Woolcock, Alan Burnett - - - -	1939
Thompson, Jack - - - -	1949	Woolcock, Royal Johnston - - - -	1928
Thompson, Terence Dudley - - - -	1949	Wright, Dorothy Maud - - - -	1929
Thredgold, Lorna Wynnie - - - -	1944	Wright, Robert Samuel - - - -	1941
Thurston, Frank Harris - - - -	1923	Wyett, Ernest Stanley - - - -	1931
Thyer, Walter Vernon - - - -	1921	Young, Norman Smith - - - -	1930

ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford - - - -	1953	Belchamber, Kenneth Charles - - - -	1959
Aistrope, Donald William Anderson - - - -	1959	Belcher, Milton Judson - - - -	1937
Anthoney, Ernest - - - -	1950	Brooks, Sidney Rundle - - - -	1938
Ashenden, Herbert John - - - -	1957	Burton, Roy Victor - - - -	1937

Carey, Edward John	- - - - -	1936	Lee, Frank Botham	- - - - -	1937
Cavaliere, Elizabeth Mary	- - - - -	1943	Lokan, Albert Henry	- - - - -	1939
Clark, James	- - - - -	1938	Mattingley, Maxwell Albert Percy	- - - - -	1945
Collett, Kenneth James	- - - - -	1953	Menear, Ira, B.A.	- - - - -	1953
Combe, Bernard Milo	- - - - -	1937	Messent, Esther Mary, B.A.	- - - - -	1936
Cook, Gordon James, B.Ec.	- - - - -	1948	Millard, Clifford James	- - - - -	1933
Coombe, Albert	- - - - -	1932	Mitchell, William Robert, B.E.	- - - - -	1956
Coombe, Samuel	- - - - -	1936	Naylon, Augustin James	- - - - -	1934
Coonan, Edward Raymond	- - - - -	1949	Ormond, Colin William	- - - - -	1949
Cottrell, Francis Allan	- - - - -	1934	Pollnitz, Percy Frederick	- - - - -	1938
Craker, Arthur Ernest	- - - - -	1932	Pope, Hugh Gilmore	- - - - -	1932
Dale, Richard Charles Moritz	- - - - -	1940	Pretty, Walter Arthur	- - - - -	1948
Daniel, Claude Alfred Vaughan	- - - - -	1935	Priest, Alan Hewett	- - - - -	1937
Davis, Brian	- - - - -	1952	Releigh, Claude Edgar	- - - - -	1934
Davis, Robert Keith	- - - - -	1958	Roberts, John William	- - - - -	1953
Deane, Allan Nicholson	- - - - -	1936	Robinson, David Floyd	- - - - -	1935
Dodd, Aubrey Francis Rule	- - - - -	1948	Russell, Andrew Earl Lindsay	- - - - -	1951
Doecke, Heinrich Albert	- - - - -	1931	Ryan, Charles Landers	- - - - -	1941
Doig, Malcolm Robert	- - - - -	1955	Sando, Maurice Hughes	- - - - -	1934
Donaldson, John Montries	- - - - -	1936	Schlenk, Conrad John	- - - - -	1958
Doyle, Leo James, LL.B.	- - - - -	1951	Segnit, Alick	- - - - -	1957
Dunstan, Jack Connon	- - - - -	1952	Simmons, Donald William, B.Ec.	- - - - -	1950
Gartrell, Frank Prisk	- - - - -	1936	Slade, James Henry Gray	- - - - -	1932
Good, Richard John, B.E.	- - - - -	1959	Smith, Harold Reid, LL.B.	- - - - -	1949
Gordon, Coleman Guildford	- - - - -	1939	Taeuber, Kenneth Charles	- - - - -	1958
Greet, Norman Stanley	- - - - -	1958	Temme, Bernhard Robert	- - - - -	1933
Griffin, Ray Edwin	- - - - -	1953	Thomas, William Henry Oswald	- - - - -	1947
Hammond, Raymond Charles	- - - - -	1951	Tillett, Arthur Colin	- - - - -	1950
Headland, Brian Cobrey	- - - - -	1956	Turner, Brian Scott	- - - - -	1958
Hewett, Alexander Macdonald	- - - - -	1938	Voyzey, William	- - - - -	1952
Honey, Henry Beric	- - - - -	1958	Walker, Colin Alexander Dunstan	- - - - -	1948
Hutchinson, Hugh Morgan	- - - - -	1940	Wellington, Murray Morley	- - - - -	1949
Inglis, Gilbert Gerald	- - - - -	1958	West, Kenneth Charles	- - - - -	1949
Jackson, Harold Ernest	- - - - -	1935	Wharldall, Lancelot Arthur	- - - - -	1953
James, Henry John	- - - - -	1955	Whitford, Alfred Eugene	- - - - -	1941
Jeffery, Charles Frederick	- - - - -	1934	Wight, Robert James	- - - - -	1938
Johnson, Maxwell Colin	- - - - -	1953	Williams, David John	- - - - -	1956
Kay, Harold Edwin	- - - - -	1938	Wisdon, Kendrick Frank Jefferies	- - - - -	1958
Laver, Robert William	- - - - -	1952			

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
------------------------	-----------	------	------------------------	-----------	------

DIPLOMA IN EDUCATION

Alcock, Dudley Herald, B.A.	- - - - -	1944	Berry, Frances Winifred, M.A.	- - - - -	1924
Allen, John Bernard, B.A.	- - - - -	1942	Bested, Gordon John, B.A.	- - - - -	1945
Allen, Leonard Nicholls, M.A.	- - - - -	1939	Bettison, Margaret Selina, B.A.	- - - - -	1952
Altmann, Olive Stella, B.A.	- - - - -	1951	Biddle, Enid Barbara, B.A.	- - - - -	1949
Altus, Rudolph Herman, M.A. (Melb.)	- - - - -	1950	Biele, Keith William, B.Ec.	- - - - -	1953
Anders, Douglas John, B.Sc.	- - - - -	1947	Bilney, Neil Joseph, B.A.	- - - - -	1947
Anderson, Alex Gordon, B.Sc.	- - - - -	1956	Boehm, Walter Gotthilf, B.A.	- - - - -	1955
Anderson, Aubrey James Clifton, B.A.	- - - - -	1948	Bone, Maxwell Harold, B.A.	- - - - -	1939
Arcus, Wesley John, B.A.	- - - - -	1958	Boord, Fredrick Hughes, B.A.	- - - - -	1957
Argyle, Margaret, B.A.	- - - - -	1957	Boroky, Betty Margaret, B.A.	- - - - -	1959
Ashenden, Leslie Edward, B.A.	- - - - -	1952	Boundy, William Stevenson, B.Sc.	- - - - -	1958
Aston, Morrell Kenneth, B.A., B.Sc.	- - - - -	1952	Bourke, Denis Francis, M.A. (Sydney)	- - - - -	1959
Atwell, Leslie George Danks, B.A.	- - - - -	1941	Bourke, Elma Marie, B.A.	- - - - -	1941
Baddams, Violet Thenie, B.A.	- - - - -	1940	Bray, Elva Mildred, B.A.	- - - - -	1943
Barber, Howard Frank, B.A.	- - - - -	1943	Brazier, John Richard, B.A.	- - - - -	1952
Barnes, Frederick Lynne, B.Sc.	- - - - -	1944	Brideson, Colin Herbert	- - - - -	1959
Barrett, William Vernon, B.A.	- - - - -	1951	Brown, Donald Edgar	- - - - -	1954
Bartholomaeus, Edmund Stanley, B.A.	- - - - -	1931	Brown, Henry, M.A.	- - - - -	1924
Bartleet, Nancy Irene, B.A.	- - - - -	1950	Brown, Reginald Dutton, B.Ec.	- - - - -	1947
Batchelor, Flossie Elizabeth Reine, B.A.	- - - - -	1922	Bull, Winifred, B.A.	- - - - -	1948
Baum, Murray Richard, B.A.	- - - - -	1957	Bunney, Bronte Rowland, B.Sc.	- - - - -	1957
Bawden, Albert Victor, B.A.	- - - - -	1942	Burdon, Ivor Leslie, B.A.	- - - - -	1945
Beare, Hedley, B.A.	- - - - -	1956	Burfield, Arthur, B.A.	- - - - -	1954
Beaumont, Olive Sowter, B.A.	- - - - -	1943	Burnard, Charles Robert	- - - - -	1948
Beckwith, Shirley Katie, B.A.	- - - - -	1948	Burns, Esther	- - - - -	1949
Bennett, Annie Stevens, B.A.	- - - - -	1924	Burton, Dudley Hopetoun, B.A.	- - - - -	1941
Bennett, Charles Gordon, B.A.	- - - - -	1934	Butcher, Alan Edward, B.A.	- - - - -	1933
Bennett, Thomas Southall, B.A.	- - - - -	1940	Butler, Kathleen Fiona, B.A.	- - - - -	1948
Bennetts, William Rawling, B.Sc. (Western Australia)	- - - - -	1956	Butler, Pamela Margaret, B.Sc.	- - - - -	1958
Bentley, William James, B.A.	- - - - -	1949	Campbell, Archibald Herbert, B.A.	- - - - -	1939
			Cannell, Cedric James, B.Sc.	- - - - -	1942

Cant, Alister McKinnon, B.A.	1944	Gerlach, Max Johann, B.A.	1927
Carmen, Noel Francis, B.A.	1951	Geytenbeek, David Robert, B.Sc.	1959
Carthew, Lancelot, B.A.	1950	Gibbs, Alfred Lewis Burnand	1949
Cavenett, Horace Clifford	1945	Gibson, Ernest Stephen Harvey, M.Sc.	1942
Cawte, Frederick George Nelson	1942	Gibson, Gladys Ruth, B.A.	1940
Chapman, John Marsden, B.A.	1940	Gibson, Graham Coyne, B.A.	1953
Charlesworth, Thomas William, M.A.	1947	Giersch, Leonard Ernst, B.A.	1943
Clark, Henry William, B.A.	1954	Gilchrist, Robert James	1950
Clarke, Phil Gregory, B.A.	1952	Gilham, James Edgar, B.A.	1959
Gleggett, Lloyd	1955	Gill, Clarence William, B.A.	1940
Close, Maynard Davidson, B.A.	1948	Glastonbury, Dudley Ivan, B.A., B.Sc.	1935
Close, Ronald Wilkinson, B.Sc.	1945	Glastonbury, James Oliver Garnet, B.A., B.Sc.	1934
Cochrane, Heather Bernice	1958	Gliddon, William Aquilla Robert James, B.A.	1959
Coggins, Harold Douglas, B.Sc.	1955	Glynn-Roe, Wilfred Joseph	1950
Coggins, Robert Symes, B.Sc.	1952	Golding, Edmond William, B.A.	1951
Coleman, Isabelle Deryl Jean, B.A.	1949	Golding, Phyllis May, B.A.	1954
Collins, Charles Vincent, B.A.	1940	Goldsworthy, David, B.A.	1959
Cornelius, Muriel Merle, B.A.	1956	Goldsworthy, John Garfield, M.A.	1951
Corrigan, Lawrence Joseph	1930	Goldsworthy, Reuben, B.Sc.	1954
Cosgrove, Bernard Augustin, B.A.	1945	Gooden, Edgar Whitridge, B.Sc.	1959
Cosh, James Malthouse, B.A.	1949	Graham, Mary Theresa, M.A.	1940
Counsell, Ruth Kingsley, B.A.	1955	Green, Richard Maslen, B.A.	1940
Cramer, Gerard Leigh, B.A.	1952	Griggs, Clarence Middleton, B.Sc.	1928
Cramond, Margaret Mary Alyn, B.A.	1956	Grosvenor, Edna Mary, M.A.	1951
Cross, Jack	1957	Gunton, James Donald, B.A.	1940
Crowe, Elizabeth Mary, B.A.	1954	Haden, John Forbes, B.A.	1955
Cusack, John Charles, B.Sc.	1959	Haese, Frederick Ernest Douglas, B.A.	1952
Dack, Thomas, B.A.	1938	Haines, Murray David, B.A.	1959
Daddow, Henry Howard, B.A.	1943	Hansberry, John Pierce, B.A.	1949
Davies, Natalia, B.A.	1940	Hansberry, Mary Estelle, B.Sc.	1953
Davis, Robert Bruce, B.A.	1950	Hansen, Ian Victor, B.A.	1954
Davidson, Gordon William, B.A.	1938	Harper, Ronald George, B.A.	1941
Daw, William Ronald	1954	Harrington, Colin	1949
Deer, John Gregory, B.Sc.	1956	Harrip, Brian John, B.A.	1955
Dennis, Alan Henry, B.A.	1953	Harris, Donald Dunstan, M.A.	1934
Dennis, William Norman, B.Sc.	1958	Harris, Dudley Andrew, B.A.	1940
Dinning, Alfred Ernest, B.A.	1933	Harris, Lorna Muriel, B.A.	1950
Dinning, Rodney Alfred Brady, B.A.	1956	Harris, Shirley Joyce, B.A.	1948
Donnellan, Teresa Marie, B.A.	1950	Hart, Arthur Maxwell	1950
Dowdy, Norman James, B.A.	1949	Harvie, Sydney Haral, B.Sc.	1938
Downs, George William, B.A.	1948	Hasenohr, Edward, B.A.	1952
Dungey, Kevin Leonard, B.A.	1944	Hauser, Frederick Herbert, B.A.	1934
Dunlop, Walter James, B.A.	1958	Hayward, Walter Richard, B.A.	1937
Dunn, Edith Marie, B.A.	1942	Healey, Nora Kate, B.A.	1941
Dunn, Sydney Stephen, B.A.	1951	Heidenreich, George Bernhardt Franz, B.A.	1948
Dyster, Thomas, B.A.	1956	Heinemann, Mervyn Lambert, B.A.	1948
East, Vernon Roy, B.A.	1948	Hewitson, Malcolm Thomas, B.A.	1955
Eden, Owen Frederick, B.Sc.	1951	Hickey, Kathleen Veronica, B.A.	1950
Edwards, Victor Wilfred Alcom, B.A.	1948	Higginbottom, Edwin Corlett, B.A.	1929
Elder, Audrey Olive, B.A.	1950	Higgins, Alfred James, B.A.	1950
Eley, Agnes May, B.A.	1948	Hilbig, Paul Berthold, B.A.	1935
Esselbach, Rodney, B.A.	1958	Hilton, Arthur Robert, B.A.	1936
Evans, Mary, B.A.	1941	Hirst, Ronald Robert, B.Ec.	1944
Ewers, William David, B.A.	1940	Hiskey, Thomas Alan, B.A.	1951
Eyers, Vivian George, B.Sc.	1959	Holland, Joan, B.A.	1948
Falkenberg, Walter Edwin, B.A.	1942	Holmes, Angus Spooner, B.A.	1957
Farmer, Helen Robinson, B.A.	1948	Hoskins, Howard Berthold, B.A.	1938
Farrell, Edward Francis, B.A.	1944	Howard, Ephrem, B.A.	1940
Farrow, Murray Aubrey, B.A.	1947	Howlett, Diana Rosemary, B.A.	1959
Farrow, Robert Murray	1956	Howlett, Nellie Ruth, B.A.	1944
Featherstone, Dora Bewlay, B.A.	1923	Howlett, Philip Thomas Michael, B.A.	1944
Fechner, Martin Johann Traugott, B.A.	1940	Humphries, Arthur Cecil George	1941
Fehlberg, Tasman Julius August, B.A.	1942	Hunkin, Milton Philip, B.A.	1958
Fergusson, George Robert, B.A.	1955	Hutson, Walter William	1945
Field, Alan Kimber, B.A.	1958	Hyde, Alan Graham, B.Ec.	1955
Finn, Beatrice Mary, B.A.	1943	Ireland, Norman Arthur, B.A.	1924
Fisher, Ruben Walter Alfred, B.A.	1950	Isom, Constance Ruth, B.A.	1942
Fitzgerald, Bartholomew John, B.A.	1932	Jenkin, Alfred John Roseland, B.A.	1939
Fitzgerald, Clarence Lindsay, B.A.	1954	Jenkins, Rex Desmond, B.A.	1943
Fitzpatrick, Alexander Thomas, B.A. (Melb.)	1954	Johncock, Ernest Harry, M.A.	1929
Fitzpatrick, Clifford George, B.Sc.	1952	Jolly, William Richard Norman, B.A., B.Sc.	1939
Flower, Clifford Horace Kenneth Dunn, B.Sc.	1928	Jones, Albert Walter, B.A., B.Sc.	1939
Flynn, Kevin John, B.A.	1942	Jones, Reginald John, B.A.	1954
Forbes, William, B.A.	1939	Jordan, Deidre Frances, B.A.	1951
Forsyth, Elliott Christopher, B.A.	1950	Judd, James, B.A.	1956
Fricker, Lyall Peterie, B.Sc.	1951	Juett, Christina Margaret, B.A.	1943
Fulton, Gwen Evelyn Hamilton, M.A.	1945	Kean, Eileen Margaret, M.A.	1954
Gann, Eric Crump, B.A.	1954	Kearney, Bernard James	1949
Gare, Lloyd, B.Sc.	1938	Kelly, Ellen, B.A.	1934
Gaskell, Joan Mary, B.A.	1955	Kenny, Martin Lance, B.A.	1942
Gazard, Geoffrey Albion	1949		
Gent, Alan Franklin, B.A.	1950		
Georg, Victor Gerhard, B.A.	1952		

Keon-Cohen, Russell Hallel, M.A. (Melb.)	1947	Mitchell, Annie Nora	1938
Kerin, John Francis, B.A.	1956	Mitchell, Zonne Marion, B.A.	1959
Kerslake, William James	1942	Molloy, Raymond Brian, B.A.	1951
Kesting, Louis John, B.A.	1945	Moore, Neville Stanley, B.A.	1958
Keynes, Nanette Joan, B.A.	1950	Morris, John Lennox, B.A.	1954
Kies, Alick Andrew, B.A.	1948	Mudge, Margaret, B.A.	1959
Kildea, Mary Francis, B.A.	1941	Mueller, Edwin Albert, B.A.	1954
Klaebe, Ruth Adelaide, B.A.	1951	Mueller, Rae Vernon, B.Sc.	1954
Kloeden, Louis Adolph, B.A.	1951	Muetzelfeldt, Elfriede, B.A.	1941
Knauerhase, Oscar Carl, B.A.	1938	Mules, Betty Lavina, B.A.	1950
Knight, Russell William, B.A. (Econ.)	1958	Mundy, Kevin Arnold, B.A.	1942
Koehne, Raymond Percy, B.A.	1948	Murphy, Mary, B.A.	1938
Kohler, Bryce Leonard Percival	1955	Murphy, Shylie Patricia, B.A.	1948
Laidlaw, William Clarke, B.A.	1940	Murrie, Jill Margaret, B.A.	1957
Lamacraft, Kenneth Ronald Ross, B.A.	1955	Nicholas, Rowland John, B.A.	1944
Lamey, Charles Sydney, B.A.	1937	Nicholls, Barbara Ruru, B.A.	1947
Lang, Ian Philip, B.Sc.	1957	Nichterlein, Frieda Pauline, B.A.	1955
Laslett, Ian John, B.Sc.	1954	Nickolai, Max Ronald, B.Sc.	1955
Lausch, Colin Andrew, B.Sc.	1958	Nietz, Arno Oscar, B.A.	1953
Lawry, Reginald Arthur, B.A.	1947	Ninnes, Arthur Reginald, B.A.	1944
Leach, William Valentine, M.A. Dip. Econ.	1928	Noblett, Hedley Lindsay, B.A.	1939
Leditschke, Margaret Mary Caroline, B.A.	1959	Nottle, Geoffrey Edward, B.A.	1959
Lemcke, Vincent Andrew Howard, B.A.	1949	O'Brien, Francis John Romuald, B.A.	1954
Lemmy, Ford Prall, B.A.	1955	Ockenden, Garth Palmer	1950
Lewis, Leonard Arthur, B.Sc.	1947	O'Connell, William Bernard, M.A.	1945
Lewis, Raymond Douglas, B.Sc.	1943	O'Connor, Deidre Catherine, B.A.	1958
Lewis, Richard Owen, B.A.	1959	O'Connor, Peter Joseph, B.A.	1955
Lillecrapp, Douglas Arthur Julian, B.A.	1950	O'Malley, John Edwin, B.A.	1949
Lowke, John James, B.Sc.	1958	O'Neill, Cornelius Patrick, B.A.	1951
Lushey, Harold Merton, M.A.	1930	O'Neill, Maguerite, B.A.	1950
Lynch, John Henry, B.A.	1950	Osman, Neile, M.A.	1948
McCarthy, Bernard, B.A.	1942	Owen, Gwenyth Winsome, B.A.	1945
McCracken, Samuel Raymond	1958	Page, Eleanor Florence, B.A.	1943
McCullough, Amy Margaret, B.A.	1945	Parkes, Roy Frederick Walter	1952
McDonald, Donald Stuart, B.A.	1945	Parkinson, Kevin John, B.Sc.	1955
McDonald, Gilbert Sherman, B.A.	1934	Parsons, Colin, B.A.	1959
McDonald, John Hunter, B.A.	1936	Parsons, Edward Clarence, B.A.	1941
McDonald, Percy William, B.A.	1940	Parsons, William Ross, B.A.	1951
McDonald, Peter Baker, B.A.	1957	Pash, Hannah Rita, B.A.	1934
McElroy, Anthony Godfrey	1947	Paul, Alec Gordon, M.A., B.Sc.	1934
McEvoy, Aloysius John, B.A.	1942	Payne, George Basil, B.A.	1938
McGowan, George Murray, B.A.	1940	Pearce, Alfred Moreton, B.A.	1953
McIntosh, Florence	1945	Pearce, Charles Clifton, B.A.	1940
McKay, Malcolm William, B.A.	1938	Pearman, Reginald John, B.Sc.	1957
McKinnon, Robert Campbell, B.A.	1936	Pearson, Howard James, B.A.	1941
McLay, Andrew Harold, B.A.	1954	Pearson, Leslie Norman, B.A.	1943
McLean, Murray Colin, B.A.	1951	Pedlow, Clarice, B.Sc.	1944
McLean, Reginald Alexander, B.A.	1936	Pennicott, Ralph William	1953
McMutrie, Alfred Ian, B.A.	1939	Pennington, Beryl, B.A.	1945
McMutrie, Colin, B.A.	1939	Penny, Hubert Harry, B.A.	1930
McPharlin, Alison Tudor, B.A.	1957	Perry, Dulcie May, B.A.	1941
McPherson, Alexander Owen, M.A., B.Sc.	1939	Peters, George Francis, B.Sc.	1953
Macklin, Laura Muriel Caterer, B.A.	1939	Peterson, Jean Clarice, B.A.	1942
Macklin, William Charles, B.Sc.	1956	Phillips, Gordon Gilbert, B.A.	1947
Macpherson, Reginald Murray, B.A.	1948	Pitman, Beresford Ernest, B.A., B.Sc.	1949
Magor, Clifford James, M.A.	1945	Polkinghorne, Keith, B.A.	1939
Magor, Irvine Frank, B.A.	1943	Porter, Harold George, B.A.	1942
Manuel, Deane James Hubert, B.Ec.	1952	Power, Frances Maureen, B.A.	1956
Marshall, Herbert Edmund, B.A.	1941	Price, Ione Dorothy, B.A.	1949
Marshman, Ashley Mead, B.A.	1950	Prime, Andree Joyce, B.A.	1949
Martin, Alfred William, B.A.	1953	Proctor, Ivy Millicent, B.A.	1939
Martin, Amalia Anna, B.A.	1941	Provis, Douglas Franklin, B.Sc.	1953
Martin, Maurice Leon, B.A., B.Sc.	1955	Pryor, Eric John, B.A.	1941
Martin, Ralph Keith, B.A.	1943	Purslow, Martin, B.A.	1956
Martin, Walter Raymond, B.A.	1941	Pyne, Maurice Ignatius, B.A.	1929
Maschmedt, Zillah Daisy, B.A.	1940	Rabone, Harry Klements Percival, B.A.	1941
Materne, Desmond Eric, B.A.	1959	Radcliffe, Sheila, B.A.	1953
Matters, Horace John	1950	Ray, Marjorie, B.A.	1951
Matthews, Richard Trahair, B.A.	1943	Read, John Herbert, B.A.	1959
Mattingley, Brian John, B.A.	1939	Read, Philip Andreas, B.A.	1941
May, Dorothy Mary, B.A.	1948	Redden, Martin Philip, B.A.	1934
May, Leonard Seymour, B.Sc.	1939	Redin, Lewis Charles, B.A.	1959
Maynard, Donald Archer Scott, B.Sc.	1940	Reed, Barbara	1954
Maguire, John Charles, B.A.	1947	Rehn, Denzil Farnham, B.A.	1958
Measday, Ellen May, B.A.	1947	Rendell, Alan, Dip.Econ.	1929
Measday, Shirley, B.A.	1949	Renner, Johannes Theodore Erich, B.A.	1954
Middleton, Melville John William, B.A.	1943	Reynolds, Maxwell Stanley, B.A.	1950
Miller, Annie Rose, B.A.	1948	Richards, Gordon Alfred, B.A.	1940
Mills, John Murray, B.A.	1959	Richards, William Edward, B.A.	1958
Milne, Annie Johnson, B.A.	1939	Richardson, Ruth Mary Desmond	1958
		Riedel, Felix Daniel, B.A.	1954
		Roberts, Beatrice Enid Lloyd, B.A. (Bristol)	1957
		Robinson, Samuel Foster	1922

Robson, Bruce Neville, B.Sc. (Tasmania)	1956	Townsend, Herbert Louis, B.A.	- - - -	1945
Rodgers, Frances Ada, B.A.	- - - -	Traeger, Keith Terence, B.A.	- - - -	1950
Roehrs, Herma Erika, B.A.	- - - -	Treasure, Eunice Jessie, B.A.	- - - -	1947
Rogers, Ruth Nellie, B.A.	- - - -	Treasure, Valda Beth, B.A.	- - - -	1953
Rooney, Clifford, B.Sc.	- - - -	Tregenza, Sydney Lloyd, B.A.	- - - -	1935
Rooney, Lois Josephine, B.A.	- - - -	Trenorden, James Henry	- - - -	1945
Rudd, Kenneth Clive, B.A.	- - - -	Trudinger, Ronald Martin, B.A.	- - - -	1944
Ryan, Michael Rupert, B.A.	- - - -	Tuckwell, Eric Clavering, B.A.	- - - -	1945
Sage, Harold Robert, B.A.	- - - -	Tuckwell, Kenelm Sinclair, B.A.	- - - -	1945
Sandercocck, Alfred Mervyn, B.A.	- - - -	Turner, Constance Mary, B.A.	- - - -	1954
Sando, Clarice Melva	- - - -	Twartz, Arnold Frederick, B.Sc.	- - - -	1944
Saunders, Bryan Gordon Reginald, B.A. (North Staff.)	- - - -	Twartz, Clement Wilford	- - - -	1950
Searle, Clifford Alfred James, B.A.	- - - -	Verrall, Raymond Wilfred, B.A.	- - - -	1942
Scriven, Murray Walter, B.A.	- - - -	Vickery, Frederick Arthur, M.A.	- - - -	1935
Sexton, Edgar Raymond, B.A.	- - - -	Wache, Ethel Mabel, B.A.	- - - -	1941
Sharman, Florence Mary, M.A.	- - - -	Wachtel, Heinrich Lenhart, A.U.A.	- - - -	1956
Shaw, John Robert Stockdale, M.A.	- - - -	Waite, Jack Francis Enos, B.A.	- - - -	1939
Shaw, Kate Hambly, B.A.	- - - -	Wakeford, Sidney Claud, B.A.	- - - -	1939
Shepherd, John Alfred, B.A.	- - - -	Walker, Gilbert John, B.A.	- - - -	1944
Shinkfield, Anthony James, B.A.	- - - -	Wallace, Francis Joseph	- - - -	1953
Shrowder, Ronald Louis, B.A.	- - - -	Walter, Denys	- - - -	1955
Simpson, Penelope Margaret, B.Sc.	- - - -	Ward, Margaret Kennings, B.A.	- - - -	1953
Slee, Dugald Haughton, B.A., B.Sc.	- - - -	Warren, Donald Hampton, B.A.	- - - -	1955
Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956)	- - - -	Warren, Sidney Lilla, B.A.	- - - -	1937
Smallacombe, Roy Frederick, B.A.	- - - -	Watkinson, Mavis Daphne, B.A.	- - - -	1942
Smith, David Carswell, B.A.	- - - -	Wattchow, Colin Edward, B.A.	- - - -	1954
Smith, Edward Rowland, B.Sc.	- - - -	Wauchope, Mavis Lorelie, B.A.	- - - -	1929
Smith, Henry Elliott Wesley, B.A.	- - - -	Waugh, William McDonald, B.A.	- - - -	1952
Smith, Joan Francis, B.A.	- - - -	Wayne-Smith, Reginald John	- - - -	1953
Smith, John Fife, B.A.	- - - -	Webb, Emmaline Nancy, B.A.	- - - -	1952
Smith, John Henry, A.U.A.	- - - -	Webber, Muriel Esmé Jill, B.A.	- - - -	1959
Smith, Sheila Isabel Wesley, B.A.	- - - -	Welsh, James Oglesby, B.A.	- - - -	1951
Sobey, Iris Beatrice, B.A.	- - - -	Westgarth, Walter Tebble, B.A.	- - - -	1928
Spargo, Stanley Carr, B.A.	- - - -	Whalan, Lionel Walter, B.A.	- - - -	1950
Sparrow, Lorna Discombe, M.A.	- - - -	Whitburn, Jack, B.A.	- - - -	1935
Stauder, Clarence Herman, B.A.	- - - -	White, Stanley Noel, B.A.	- - - -	1957
Stauder, Raymond John	- - - -	Whitelaw, Albert James, B.A., B.Sc.	- - - -	1945
Stead, Sydney Arnold, B.Sc.	- - - -	Whittle, Edith Julia, B.A.	- - - -	1954
Steale, John Richard, B.A.	- - - -	Wilkins, Ray Eber, B.A.	- - - -	1950
Stodart, Barbara Joan, B.A.	- - - -	Wilkinson, Donald Cameron, B.A.	- - - -	1955
Storch, Wilhelm Murray, B.A.	- - - -	Wilksch, Betty Ruth, B.A.	- - - -	1953
Strahan, Anthony William, B.A.	- - - -	Willcocks, Robert Douglas, B.Sc.	- - - -	1954
Sugg, Bentham Horace, B.A.	- - - -	Williams, Arthur Charles, B.Sc.	- - - -	1955
Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Educ., 1943)	- - - -	Williams, George Esson Keith, B.A.	- - - -	1941
Symonds, Wybert Milton Caust, B.Sc.	- - - -	Williams, George Mervyn, B.Sc.	- - - -	1957
Tapp, Adrian, Lynda, B.A.	- - - -	Williams, James Henry, B.A.	- - - -	1922
Ternan, Verna Joyce, B.A.	- - - -	Williams, Phillip Glenly, B.A.	- - - -	1943
Theobald, Howard Wesley	- - - -	Williams, Walter Leslie, B.A.	- - - -	1949
Thiele, Colin Milton, B.A.	- - - -	Willington, Lloyd Stanley	- - - -	1950
Thompson, Douglas Norman, B.Sc.	- - - -	Wills, Lindsay Arthur, B.A.	- - - -	1956
Thompson, William, B.A.	- - - -	Wilson, Avis Jean, B.Sc.	- - - -	1958
Tiller, Kenneth Matthew John, B.A., B.Sc.	- - - -	Wilson, Francis Patrick	- - - -	1943
Tillett, Peter Irwyn, B.Sc.	- - - -	Wilson, Jack Woodrow, B.Sc.	- - - -	1943
Tomlinson, Betty Mary, B.A.	- - - -	Wilson, Luther Ernest Crosby, M.A., B.Sc.	- - - -	1939
Tonkin, Mary Elizabeth, B.A.	- - - -	Wood, Allen Edwin, B.A.	- - - -	1947
Torr, Shirley Constance	- - - -	Wood, Collin James, B.A.	- - - -	1959
		Wright, Angus Stanley, B.Sc.	- - - -	1939
		Yelland, Kathleen Norah, B.A.	- - - -	1959
		Zoratti, Alba Pierina, B.A.	- - - -	1949

ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen	- - - -	1955	Coppock, Jeanetta May	- - - -	1943
Allen, Ursula Margaret	- - - -	1957	Crisp, Brian Rex	- - - -	1952
Allert, Margaret Elizabeth	- - - -	1943	Dane, Beverley Ann Jennifer	- - - -	1959
Angwin, Helen Mary	- - - -	1952	Delanty, Patricia Hickford	- - - -	1949
Arthur, Lawrie Edyvean	- - - -	1949	Delsar, Frederick William	- - - -	1949
Aspinall, Nancie Jean	- - - -	1944	Drabsch, Alfred Felix, B.A.	- - - -	1947
Astley, Margaret Helen	- - - -	1953	Duffield, Valma Jean	- - - -	1953
Baker, Mary Elizabeth	- - - -	1942	Edge, Thomas George	- - - -	1958
Barker, Leon James Frank	- - - -	1957	Eldridge, Diana Melbourne	- - - -	1950
Barnett, Frederick Ian	- - - -	1956	Farmer, Judith Ellen	- - - -	1957
Beare, Lynden Day	- - - -	1954	Fromen, Petrea Elsie Dora	- - - -	1950
Bell, Thomas Clive Lithgow	- - - -	1948	Gates, Ian George	- - - -	1958
Betteridge, Pamela Beth	- - - -	1951	Grace, Gloria Dawn	- - - -	1951
Braham, Henry Arnold Collyer	- - - -	1951	Grange, Mary Louise	- - - -	1958
Brooks, Charles Alfred	- - - -	1945	Green, Ralph Noel	- - - -	1952
Bullock, Ivor George William	- - - -	1950	Halbert, John Arno	- - - -	1958
Bungay, Valmai Gladys	- - - -	1958	Halsey, Trevor Geoffrey	- - - -	1954
Cadzow, Leslie Consort	- - - -	1949	Haslam, Denise Allison	- - - -	1949
Carlson, Margaret Jean	- - - -	1958	Hodgson, Geoffrey Arthur	- - - -	1950
Chapman, Denise Alcon	- - - -	1950	Horvat, Ludovic Henry	- - - -	1941
Cook, Heather Mignon	- - - -	1947	Ising, Margaret Lucy	- - - -	1942
Cooper, Brian James	- - - -	1954	Jensen, Richard Ian Broughton	- - - -	1950

Kidman, Elizabeth Duncan	- - - -	1942	Reynolds, Maxwell Stanley	- - - -	1944
Laycock, Geoffrey Clinton	- - - -	1948	Roberts, Owen David	- - - -	1947
Lines, Beryl Linda	- - - -	1952	Rowe, Joy Dorothy	- - - -	1950
McDowall, James	- - - -	1952	Saint, Bryce Wesley	- - - -	1958
McCargill, Gordon Winstanley	- - - -	1949	Schuetz, Harold Edwin	- - - -	1947
MacGillivray, Leith Grant	- - - -	1951	Sibly, John Maslin	- - - -	1956
Maddocks, Jean Kinloch	- - - -	1944	Sladden, Jefford Desmond	- - - -	1949
Mellich, Mary Evelyn	- - - -	1954	Taylor, Philippa Helen	- - - -	1959
Michelmore, Agnes	- - - -	1958	Telfer, Iris Claire	- - - -	1956
Mutton, Howard James Charles	- - - -	1948	Thomas, Margaret Anne	- - - -	1945
Newman, Shirley Lena	- - - -	1954	Torr, Alison Ruth	- - - -	1950
Nixon, Valerie Colinette	- - - -	1955	Treagus, Edward Mervyn	- - - -	1959
Noble, Alan	- - - -	1956	Tuckwell, Patricia Glenne	- - - -	1957
O'Loughlin, Ruth Dorothy	- - - -	1945	Watson, Margaret	- - - -	1953
Page, Ronne Earle	- - - -	1944	Whittingham, Nancy Olive May	- - - -	1958
Proctor, Ivy Millicent, B.A.	- - - -	1945	Williams, Margaret Gordon	- - - -	1942
Pugh, Elizabeth	- - - -	1949	Wollaston, Elsie Margaretta, B.Sc.	- - - -	1950
Quigley, Brian Maxwell	- - - -	1959	Wollaston, Philip Hamilton	- - - -	1954
			Woodridge, 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

Abbott, Malcolm Lawrence	- - - -	1959	Burge, Raymond Henry	- - - -	1936
Anderson, Gwendoline Eva	- - - -	1947	Burns, John Vernon	- - - -	1956
Anderson, Ronald Alexander	- - - -	1944	Butler, Richard James	- - - -	1954
Andrews, Erson Leonard	- - - -	1939	Byrne, Ashley John	- - - -	1959
Ardill, David Anthony	- - - -	1953	Cacas, Don George	- - - -	1958
Argall, Philip John Tadd	- - - -	1958	Cacas, James George	- - - -	1956
Bahnish, Noel	- - - -	1945	Callaghan, Maxwell John	- - - -	1951
Bailey, Geoffrey Reginald	- - - -	1948	Callaghan, Roy Hugh	- - - -	1948
Bajer, Leonid	- - - -	1953	Campbell, Margaret Diane	- - - -	1956
Bajorunas, Andrius	- - - -	1957	Carlier, Ellis Gladstone	- - - -	1951
Ball, Gerald Benjamin	- - - -	1953	Carmie, John Alfred	- - - -	1950
Ball, Peter Crowden	- - - -	1955	Caught, James Gardiner	- - - -	1933
Bannister, Neil Prescott	- - - -	1956	Cavanagh, Robert Edwin	- - - -	1936
Bardolph, Donald Harold	- - - -	1952	Cawte, Brian Vincent	- - - -	1957
Bardolph, June Mary	- - - -	1954	Cescato, Guido Ferdinando	- - - -	1959
Barnes, Donald Stalley	- - - -	1947	Chapman, Avis Carol	- - - -	1952
Barnes, Herb	- - - -	1944	Cheek, Harold Hudley	- - - -	1939
Bartold, Geoffrey Paul	- - - -	1947	Cheek, Robert	- - - -	1953
Bassett, Murray Maxwell	- - - -	1948	Chesney, Robert George	- - - -	1955
Bazeley, William Joseph	- - - -	1945	Chodowski, Samuel Mendel	- - - -	1941
Beaty, Edward William	- - - -	1954	Clampett, Richard Blackmore	- - - -	1956
Beckinsale, Ronald Herbert	- - - -	1949	Clancy, Ross Percival	- - - -	1945
Beilby, Jack Canavan	- - - -	1947	Clark, Arthur Wellesley	- - - -	1934
Bennett, Judith Ann	- - - -	1959	Clarke, Trevor Keith	- - - -	1945
Bentley, Alan	- - - -	1937	Clarke, Vinrace Lisle	- - - -	1936
Bentley, Deryck Edward	- - - -	1947	Clarke, William Graham	- - - -	1947
Bertram, John Stanley	- - - -	1957	Cock, Alexander Geoffrey	- - - -	1959
Bessell, Raymond Leonard	- - - -	1959	Cocks, David Gordon	- - - -	1956
Billing, Robert Heaton	- - - -	1953	Coleman, Ronald George	- - - -	1947
Bishop, David Edwin Pemberton	- - - -	1959	Coles, Herbert Desmond	- - - -	1953
Bishop, Ronald Lancelot	- - - -	1951	Conigrave, Michael Clement	- - - -	1959
Bishop, William Victor	- - - -	1949	Connell, Myles Patrick	- - - -	1949
Blanks, William Bennett	- - - -	1957	Cooper, Nancy Marina	- - - -	1956
Booth, Thomas Sheldon	- - - -	1937	Coorey, Brian Norman	- - - -	1950
Bourne, John Wallace	- - - -	1943	Cornish, John Neil	- - - -	1956
Bowen, Frederick Lloyd	- - - -	1939	Cosgrove, Peter Brian Anthony	- - - -	1957
Bowey, Allan Edgar	- - - -	1938	Coultas, Ronald John	- - - -	1950
Brady, Michael Ignatius	- - - -	1954	Cox, Peter John	- - - -	1951
Branson, Robert Rolling	- - - -	1937	Cracknell, John James	- - - -	1953
Brett, Jack Nethersole	- - - -	1938	Crafter, Kenneth Charles	- - - -	1938
Brewster, Cora Elaine	- - - -	1943	Crago, Reginald Allen	- - - -	1951
Brice, Robert Hosking	- - - -	1954	Craig, Lloyd Albert	- - - -	1941
Broad, Lionel Hugh	- - - -	1943	Croft, Mary Ellen	- - - -	1954
Broadbent, Frank Brooker	- - - -	1957	Crowley, Frank Noah	- - - -	1953
Brougham, Robert Joffre	- - - -	1940	Curnow, Thomas Martin	- - - -	1942
Brown, Donald Thomas	- - - -	1956	Currie, Robert John	- - - -	1950
Brown, Leonard William	- - - -	1958	Cushway, Albert Len	- - - -	1954
Brown, Peter Hackett	- - - -	1959	Daniell, Ross Wilfrid	- - - -	1938
Brown, Ronald Emanuel	- - - -	1944	Darwin, Lloyd Edwin	- - - -	1943
Buik, Donald Andrew John	- - - -	1954	Davies, Jonathan	- - - -	1953

Davis, John Lloyd	1953	Hayter, Bruce William	1951
de Brenni, Jules	1944	Hearn, Walter Joseph	1945
de Waard, Pieter Carl	1955	Heint, Eduard Evald	1956
Dent, Athlea Ada Lorraine	1953	Hemmings, Thomas Prior	1945
Dixon, John Miller	1953	Hennessy, Claude Harold	1940
Doe, Alwyn Gilbert	1951	Hennessy, Ian Nicolson	1955
Dolman, John George	1951	Hession, John Eric Martin	1941
Donaldson, Kevin James	1959	Hewitt, Rosslyn Jayne	1959
Donohue, John Sylvestre	1957	Hibble, Ross Ernest	1950
Dowding, Ruth Elma	1948	Higgins, Gordon Leslie	1949
Downie, Sydney Andrae	1940	Hill, Dudley Clarke	1950
Drake, Peter Richard	1954	Hillman, Eric Anthony	1954
Duggin, Ivan James	1956	Hodgson, Alan David	1956
Duncan, John Davidson	1950	Holder, Reuben Clement	1953
Dundon, Laurence James	1942	Hole, Ronald	1952
Dundon, Noel Francis	1949	Holland, Bernard John	1952
Dunstone, Kenneth William Thomas	1943	Hopewell, Edward Wallace	1951
Eckersley, Malcolm Russell	1939	Hosking, Allen Edwin	1934
Egar, Paul Gerard	1949	Huber, Waldemar Richard	1957
Elix, Robert Hugo	1935	Hulbert, Russell George	1938
Entwistle, John	1947	Humble, William Gilbert	1954
Evans, Anthony Greig	1945	Humphrys, Arnold Clarence John	1951
Evans, Margaret Ann	1956	Hunt, Laurence August	1953
Evely, Roderick Harding	1938	Hutchins, Ross	1942
Everett, John Kingsley	1953	Huxtable, Colin Stanley	1948
Ey, William Theodor	1937	Huxtable, Kenneth Clarence George	1949
Farley, Donald Charles	1955	Jackson, John William	1957
Farmer, Swithin William	1939	Jacobs, Philip Arthur	1952
Feist, Colin Sydney	1957	Jeffrey, John Leigh	1956
Fenn, Donald George	1950	Jeffs, Percival Lancelot	1938
Field, Arthur Blackiston	1942	Jelfs, John Robert	1958
Fisher, Robert Hilson	1942	Jenner, Helen Muriel	1959
Fitzgerald, Ian Thomas Francis	1957	John, Clarence Gilmore	1948
Fitzgerald, Robert John	1940	Johnson, John Kenneth	1950
Flaherty, Howard Norman	1947	Johnson, Keith Douglas	1941
Fleer, Eric Donald	1952	Johnson, Leonard	1945
Flood, Harry Brougham	1951	Johnson, Owen Royce	1956
Flood, John Warden	1953	Johnston, Edwin John McCallum	1938
Flower, Alexander McKinnon	1958	Jolly, Norman Dickson	1939
Folkert, Marina	1957	Jones, Douglas Perry	1950
Francis, Robert Leonard	1950	Jones, Jennifer Margaret	1959
Fraser, Wallace	1950	Justin, John Herbert	1942
Frazer, Kenneth John	1952	Kaehne, Brian Robert	1959
Frearson, Harold Thomas	1939	Kain, Coleman Lawrence	1938
Freeman, Colin Charles	1944	Kamm, Geoffrey Norman	1955
Freeman, John Christian	1943	Kasdoba, Lydia	1957
Fricker, Yvonne June	1954	Kean, Christopher James	1953
Funder, Eileen Mary	1935	Keipert, Paul Howard	1942
Gameau, John Lewis	1936	Kentish, Frank Stow	1952
Garrett, Philip Douglas	1953	Kildea, John Brian	1952
Gartrell, Roger	1936	Kimber, Hubert Thomas	1937
Gaunt, Norman William	1934	Kimber, Malcolm John	1956
George, Humphrey Edward	1958	King, David McMillan	1957
Gerard, Nancy Joy	1955	Kinnear, Gerald Campbell	1955
Gibson, Elaine Emmalene	1957	Kinsley, John Vere	1938
Gilbert, Harold William	1947	Kirby, David Bevan	1940
Giles, Howard William	1959	Klafter, Ralph	1954
Gillespie, Keith Herbert	1939	Knightley, Harold Alan	1948
Glastonbury, Kevin Brian	1955	Knill, Douglas William	1940
Gold sack, Glen Ronald	1957	Laffer, Mildred Emily	1935
Goscombe, David Bevan	1952	Lalor, William Brian	1935
Gould, Ashton Noye	1938	Larwood, Patricia Myrtle	1947
Grimes, Charles Lindsay	1952	Lawton, Brian Eley	1949
Grist, Robert Hocart	1951	Lazare, Marcel Bancion Issac	1956
Grooby, John David	1951	Lazare, Vicky	1959
Grove, William Murray	1939	Leak, Weston Hugh	1939
Grummet, Philip Hodgson	1956	Lean, Albert Gordon	1938
Grust, Helen	1948	Lean, Keturah Victoria	1935
Grust, Peter Mervyn	1943	Lee, Graham Bruce	1959
Grust, Ross Edward	1952	Lee, Thomas Ian	1954
Guthrie, John Vincent	1948	Lenthal, Douglas Lionel	1936
Gwynne, Robert Frank	1935	Lever, Lionel Alfred	1952
Haddad, Alick Peter	1958	Lewis, Loulie Maxine	1949
Haddy, Kenneth Ian	1955	Leyshon, Stephen Noel	1954
Hall, Thelma Dorothy	1937	Lloyd, Jack Maxwell	1955
Hammat, Edwin Laurence	1948	Lock, Peter Bayard	1943
Hammond, Joy Dorrita	1955	Lockett, Trevor John	1958
Hanna, Robert Andrew	1951	Lokan, Elaine Beryl	1957
Hardwick, Bernice	1949	Lovell, Barbara Jean	1948
Hardy, Stuart Edward	1936	Lower, Rupert Alexander	1940
Harnett, Gilbert Barry	1955	Lugg, Patricia June	1959
Harrison, Warren George	1959	Lynas, Kaye Ward	1952
Harvey, Marie Jeanne	1956	Lyons, Colin Henry	1951
Hawson, William Francis	1952	McCarthy, Roderick Charles	1936

McCull, Peter Donald	1951	Phelps, Kevin George	1952
McDonough, Peter John	1959	Phillips, Yvonne Ruth	1953
McKellar, Keith George	1959	Philp, Harold John	1953
McKenzie, John David Blair	1958	Physick, William Alick	1940
McNeil, Keith Albert	1950	Pickering, John Ronald	1953
MacQueen, David Dugald	1952	Pledge, John Melvin	1958
MacRae, George Brown	1933	Pope, David Floyd	1958
Madigan, Haydn John	1956	Porra, Robert John	1953
Maine, John Evans	1955	Porter, Kenneth Symes	1935
Makin, Harry Arnold	1942	Potts, Frank Desmond	1951
Maloney, Denise Minetta	1956	Preece, Malcolm Stewart	1954
Maloney, Peter Robert Grist	1956	Priess, Richard John	1941
Maloney, Terence John	1958	Pritchard, Helen Bessie	1948
Malpas, Cecil Egerton	1945	Prosser, Malcolm Geoffrey	1955
Manhire, Donald Walter	1955	Purches, John Alfred	1947
Manning, Lancelot Henry	1934	Quintrell, Laurence Neil	1959
Manton, Jack Hudson	1934	Ramsay, Douglas	1934
Martin, Adeline Zoe	1934	Ramsey, Colin Bruce	1950
Martin, Beverley Sue	1956	Ramsey, Mollie Aileen	1942
Martin, Rex George	1958	Ramsey, Maxwell George	1953
Martindale, Aileen Francis	1948	Randell, William Richard	1940
Martindale, Edward John	1947	Rankine, Ian Jeffrey	1942
Marshall, Alfred George Robert	1939	Raud, Rudolf	1955
Mathieson, Allen George	1955	Rauth, William Heseltine	1941
Mathews, Maurice John	1935	Redmond, John William	1958
Mayfield, Margaret Hazel	1955	Reid, Betty Lorna	1949
Meadsay, John Cleveland	1943	Reid, Colin Liston	1954
Medlow, Ronald George	1954	Retallick, Gladys Yvonne Joan	1943
Meehan, Peter	1951	Retallick, John James Mark	1951
Meyers, John Robert	1958	Rice, William Frederick	1934
Michaels, Donald Ernest	1941	Richards, Brian John	1952
Middlemiss, Brian Robert	1951	Richards, William Leonard	1956
Mildren, Brian Frederick	1944	Richardson, Jack McPherson	1937
Miller, Heather Joyce	1948	Richter, John Steven	1954
Miller, Robert Lionel	1938	Roark, Ian Bolton	1959
Mitchell, Donald Graham	1944	Roberts, Peter Vernon	1951
Mitchels, John Roger	1954	Robinson, Murray Gilbert	1947
Montgomery, Gillian Pentland	1955	Rodda, Robert Willard	1955
Moriarty, Daniel Francis	1951	Rogers, Barry Harcourt	1952
Moriarty, Vincent John	1957	Rohlfing, Kenneth Malcolm	1948
Morony, Graham Tylor	1955	Rohrig, D'Arcy Clayton	1941
Mosel, Donald	1945	Rolfe, Thomas John	1936
Mudie, Robert Charles Wedderburn	1952	Rosewall, Robert Walker	1953
Mudie, Stuart Mayelston	1953	Rostek, Zenon-Carolus	1957
Mugg, Gordon Murrie	1940	Rowe, Gordon Thomas	1948
Munyard, Patricia Carlene	1957	Rowe, John Crawford	1950
Nagy, Akos	1957	Rowell, John Neville	1959
Netting, Keith Cameron	1956	Rush, William Callander	1959
Newbery, Betty Hilda	1947	Russell, Alan Alexander	1947
Newbery, Donald Ernest	1944	Russell, Norman	1950
Newbery, John Henry Edward	1947	Ryan, Molly Hazel	1942
Newson, Clarence Alfred	1941	Ryder, John Bernard	1943
Nicholas, Cecil David	1941	Saies, David	1954
Nicholls, Brian Charles	1949	Salman, Harry William	1934
Nicholls, William John	1956	Sawyer, Trevor Joseph	1955
Nicholson, Joan Valma	1957	Scarman, Graham Alwyn	1954
Norman, Alfred James	1935	Schocroft, John Charles	1953
Norman, Jack Campbell	1951	Schoff, James Alec	1958
Norton, Leonard	1959	Schroeder, June Adele	1951
Nunn, Graham Jefferson	1959	Schultz, Francis John	1940
O'Callaghan, Neil Edward	1956	Scrivener, Bruce Allan	1952
O'Connor, Brian Thomas	1954	Scrivener, Desmond Arthur	1950
Odgers, Murray Grenfall	1938	Shapter, William Evan	1944
Offe, Garth Ian Hamilton	1940	Shepherd, Peter	1940
Ongley, John Henry Albert	1936	Shelcliffe, Reginald George	1936
O'Reilly, Dominic Patrick John	1941	Shinnick, John Roger	1959
Orr, Fay Patricia	1954	Short, Lynette Margaret	1952
Otto, John Loyland	1954	Shute, Leslie Norman Keith	1955
Pain, John Shannon	1955	Siggins, Ronald Hewitt	1938
Pak Poy, Wilfred Cecil	1952	Simcock, Gerald Cyril	1953
Palape, Janis Zanis	1954	Simon, John Ross	1951
Palk, Michael John	1955	Skews, Thomas Nisbett	1952
Parker, Colin John	1954	Sleep, Frank Ronald	1945
Parker, Rex Carleton	1934	Smith, Graham Reginald	1934
Parsons, Donald Allan	1952	Smith, Heather Belle	1957
Paterson, Fay	1953	Smith, Mervyn Keith	1939
Paterson, Kevin Walter	1955	Smylie, Gordon McInnes	1940
Patrick, Reginald Ross	1942	Smyth, Neil Lawrence	1950
Patterson, Ronald Thomas	1939	Somogyi, Laszlo	1956
Pawson, Keith Curry	1952	Sorrell, Leonard Martin	1942
Payne, Beryl June	1952	Souham, David Michael	1959
Peek, Donald Harvey	1947	Souham, Sydney Anthony	1950
Penhall, Donald Frederick James	1951	Spafford, Rex Netherton	1939
Penney, Donald Ross	1952	Sperber, Allan Lynton	1952
Phanchet, Chantanee	1957	Spick, John Vaughan	1957

Spurling, Peter Michael	1958	Wallace, Malcolm Gladstone	1958
Stain, John Wright	1939	Walsh, Afton Peter	1937
Standish, Donald James	1955	Walsh, Zeta Mary	1934
Stanley, Patricia Dorothy	1954	Wandke, Brenton Graham	1955
Statton, Bruce Arthur	1943	Ward, Clyde Hedley Charles	1948
Stedman, Paul George	1952	Ware, John Brian	1950
Stock, Beresford Hannam	1957	Warnecke, Drennan Paul	1949
Storen, Walter Joseph	1951	Warnecke, Peter Gerald	1952
Streicher, Francis Mannix	1942	Warren, Donald Spencer	1951
Stuckey, Mary Hill	1942	Washington, Neville Elliott	1958
Stunell, Gwenda May	1957	Waters, Robert William	1953
Sutcliffe, Lewis Allan	1952	Watson, Colin Hubert	1955
Swan, Joyce Charlotte	1942	Watson, John Myers	1949
Sweet, Ronald Langdon	1953	Watts, John William	1938
Symonds, Robert Murray	1951	Watts, Robert Neville	1955
Talbot, Allan Benjamin	1940	Wauchope, Alan Yylie	1941
Taylor, Ray Athol	1949	Webb, Donald Ralph	1943
Taylor, Ronald Norman	1947	Webber, Brian Earl	1952
Taylor, William Thomas	1936	Weedman, Dale Elton	1954
Teakle, John Kevin	1951	Weller, Reginald Lancelot Elon	1953
Telfer, Donald	1954	Wellington, Nancy Catherine	1944
Theel, Elliott Wilkins	1955	Wescombe, Peter George	1953
Thomas, Jeanette	1956	West, Lionel Thomas	1952
Thompson, David Richard	1958	Wheaton, Frank Hurtle Pengelley	1948
Thompson, Donald Bruce	1953	Wheeler, Eric Henry	1942
Thompson, Eric James	1935	Wheeler, Reginald Gordon	1944
Thompson, Jillian Erica	1959	Whitelum, Donald Lindsay	1959
Thomson, Margaret	1957	Williams, Allan Ross	1956
Tiver, Lloyd Charles	1937	White, Brian Kenneth	1957
Tomlinson, Janet Rosemary	1957	White, John Carew	1940
Tonkin, Peter Richard	1942	White, John Matthews	1941
Townsend, Graham Rosslyn	1952	Wickes, Ronald John	1941
Tregilgas, Bruce Burnett	1957	Wigley, Tom Joseph	1934
Trevelyan, Denys Murray	1948	Williams, Brian Norman	1954
Trummer, Anthony George	1955	Williams, Edward Francis	1947
Tulloch, Roger James	1949	Wilson, Beryl Maud	1951
Turner, Ross Walter	1959	Wilson, Donald Kenneth	1951
Upton, James Harold Charles Hughes	1938	Wilson, Michael Minell	1956
Upton, Robert Maxwell William A.	1951	Wilson, William Fraser	1941
Valente, Giulio	1955	Woolford, Lewis Maxwell	1951
Veitch, Robert Henry	1951	Woollard, Mervyn John	1935
Venning, Claude Meadows	1940	Worthington, Ralph Henry	1953
von Doussa, Kathleen Gwendoline	1949	Wurm, Peter Sinclair	1953
Walker, Leonard Frank	1936	Wyld, Robert Bowen	1950
Walker, Raymond Charles	1943	Zander, Frank Howard	1941
Wall, Kenneth	1936	Zilm, Lorraine Betty	1956

ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith	1950	Crook, Marjorie Marion, B.A.	1948
Andrews, Judith Mary, B.A.	1958	Crosby, Heather Bembrick	1945
Angove, Margaret Carlyon	1942	Crouch, Lillian Rubena	1948
Ashbolt, Winifred Joy	1948	Cuddihy, Geoffrey Thomas	1952
Astley, Joyce Mary	1947	Cuthbertson, Grace Joy	1953
Austin, Meredith Helen	1959	Cutten, Judith Ann	1959
Bails, Ruth	1943	†Davis, Phyllis Evelyn Eva (1941)	1942
Baker, Mary Elizabeth	1947	Daw, Rosalind Anne	1957
Bakewell, Joan Helen	1951	Dermott, Veda Rosemary	1957
Ball, Heather	1951	Dixon, Beryl Joyce	1957
Ball, Iris Marguerite May	1949	Dobson, Lesbia Constance Alma, B.A.	1947
Bates, Nancy Patricia	1947	Douglas, Christine Gordon	1948
Bayer, Josephine Kent	1944	Douglas, Sonia Yvonne	1956
Benjamin, Eric	1949	Dow, Anne Eleanor	1949
Bidwell, Dorothy Gwendoline	1949	Duncan, June Valerie	1954
Boehm, Claire Edith	1951	Dutton, Léonie	1959
Bosworth, Catherine Jean	1947	Edwards, Alison Joy	1957
Bowen, Mary Alice	1957	Ellis, Joan Mary	1950
Bowen, Suzanne Joan	1944	Featherstone, Dora Bewley, M.A.	1942
Bruer, Brigid Hilda	1957	Fitzgerald, Gwenth Joy	1952
Buckley, Hannah	1942	Flett, Phyllis Margaret	1948
Burnett, Ronda June	1949	Fong, Yin Kam	1953
Burns, Margaret Ternouth	1945	Forrest, Ida Jean	1949
Carlton, Eileen Grace Sally	1953	Fox, Alison Frances	1947
Carthew, Margaret	1948	Fox, Imogen Dymphna	1955
Cashell, Frances Marie	1955	Fry, Roma Kathleen	1947
Cavalier, Elizabeth Mary	1944	Garran, Elisabeth Rosemary, B.A.	1955
Chong, Catherine Chee Kin	1956	Gault, Yolande Mary	1949
Clark, Caroline Emily	1949	Glastonbury, Albert Angus	1955
Clarke, Walter Frederick	1950	Gow, Alwyn Mona King	1950
Clay, Geraldine Ann	1958	Graham, Elaine Alston	1951
Clegg, Donald Stanley George	1950	Griffith, Elsie Mervyn	1948
Cleland, Pamela Mary, B.A.	1949	Guinand, Marie Louise	1955
Clucas, Gwendoline Ivy	1944	Habib, Mary Lorraine	1951
Cope, Joan Maxine	1951	Hallett, Rosamund	1951
Cornish, Mary Esther	1947	Halls, Christobel Heather Susannah	1949

† See footnote at end of list.

Hambidge, Margaret Cecile, B.A.	- - -	1942	Parker, Thelma Margaret	- - -	1948
Hamilton, Dianna May	- - -	1954	Parkinson, Joan	- - -	1958
Harris, Cyril Eric McGillivray	- - -	1949	Pascoe, Noeleen Deidre	- - -	1952
Haselgrove, Margaret Ann	- - -	1956	Perrins, Pamela Aileen	- - -	1953
Haslam, Anne	- - -	1947	Plunkett, Margaret Elizabeth	- - -	1948
†Haste, Ada Louise (1941)	- - -	1942	Plush, Helen Marie	- - -	1956
Hayter, Joan Nelson	- - -	1948	Polkinghorne, Patricia Margaret	- - -	1951
Hefferman, Helen Margaret	- - -	1949	Pope, Kathlyn Hilary, B.A.	- - -	1953
Helman, Eve	- - -	1947	Porter, Margaret Leishman	- - -	1949
Henderson, Barbara	- - -	1947	†Prince, Beryl Lloyd (1940)	- - -	1942
Henderson, William Lionel	- - -	1959	Reed, Margaret Kathleen	- - -	1942
Hicks, Elizabeth Joan	- - -	1950	Reynolds, Lilo, B.A.	- - -	1952
Hill, Josephine Margery	- - -	1950	Ringwood, Pamela Elsie, B.A., LL.B.	- - -	1958
Hogben, Elizabeth Cole	- - -	1948	Roberts, Barbara June	- - -	1950
Hone, Jillian Raymond	- - -	1956	Roberts, Luke Vincent	- - -	1949
Hope, Marjory Frances	- - -	1947	Rushton, Jennifer Fielding	- - -	1954
Horton, Robert Ralph, M.B., B.S.	- - -	1957	Russell, Brenda Amanda	- - -	1949
Howe, Ameera Patricia Shirley	- - -	1956	Sadleir, Barbara Isabel	- - -	1954
Hunter, Geoffrey Norman	- - -	1950	Salter, Amy Vivien Fulton	- - -	1945
†Hunwick, Maureen Mary (1938)	- - -	1942	Sandford, Patricia Mary	- - -	1947
Hutchinson, Yvonne Francis	- - -	1949	Sandford-Morgan, Rosemary Linton	- - -	1949
Jackson, Iris Ellen	- - -	1949	Sard, Helen Riddoch	- - -	1953
Jacobs, Eleanor Caroline	- - -	1944	Schmidt, Thekla Naomi	- - -	1947
James, Helen Margaret, B.A.	- - -	1943	Seedsman, Lorna Joan	- - -	1956
Jenkins, Merle Nona	- - -	1950	Serradura, Anthony Alexander	- - -	1953
John, Ian David	- - -	1956	Shaw, Margaret Pointon	- - -	1945
Johnson, Marjorie Lisle	- - -	1947	Silk, Beatrice Mary Mounsey	- - -	1945
Jones, Albert Richard	- - -	1949	Simes, Maysie Hall	- - -	1948
Kay, Franziska Clara	- - -	1948	†Slade, James Francis (1939)	- - -	1942
Kempe, Merridy Henderson	- - -	1948	Smith, Elery Hamilton	- - -	1956
Kennedy, Marjory May	- - -	1954	Smith, Graham Frank	- - -	1948
Kerr, Olwyn Gertrude	- - -	1948	Sobey, Iris Beatrice, B.A.	- - -	1947
Khoo, Beng Choo	- - -	1959	†Stanton, Anne (1940)	- - -	1942
Lawrence, Robert John, B.A.	- - -	1953	Stephen, Winifred Grace	- - -	1947
Lean, Shirley Doris	- - -	1949	Stevenson, Margaret	- - -	1947
LeCornu, Barbara Joy	- - -	1949	Stock, Colin Rendle	- - -	1949
Lewis, Ruth Pamela	- - -	1949	Streicher, Joan Patricia	- - -	1950
Linsell, Nina Constance	- - -	1959	Sugg, Madge	- - -	1947
Liston, Doreen Bice	- - -	1950	†Sullivan, Margaret Rendle, B.A. (1941)	- - -	1942
Lorking, Dianna Pauline Elizabeth, B.A.	- - -	1950	Tai, Marlene	- - -	1945
Lovibond, Sydney Harold	- - -	1949	Tan, Sock Kia	- - -	1959
†McDonald, Jessie Angus (1939)	- - -	1942	Tarbath, John David	- - -	1950
McEachern, Heather Campbell	- - -	1956	Teasdale, Margaret Jean	- - -	1952
†McIntosh, Florence Mary (1938)	- - -	1942	Teate, Elizabeth	- - -	1950
McCloughlin, Helen	- - -	1948	Thomson, Joanna Roberta	- - -	1947
†McKail, Mary Boyer (1938)	- - -	1942	Thomson, Reginald	- - -	1949
MacKay, Annette Frances	- - -	1942	Tilemann, Rosemary	- - -	1957
†Macklin, Nancy Marie (1940)	- - -	1942	Tipping, Barbara Gertrude	- - -	1944
MacLennan, Flora Joy	- - -	1942	Tohill, Judith Windebank, B.A.	- - -	1953
McPherson, Margaret Helen, B.A.	- - -	1953	Travers, Ellen Gertrude	- - -	1955
Maddigan, Pauline Anne	- - -	1954	Trotter, Eileen Mary	- - -	1947
†Marcus, Patricia Langman (1938)	- - -	1942	Turner, Margaret Patricia	- - -	1954
Marsden, Elizabeth Ann	- - -	1953	Tyson, Donald Gordon	- - -	1959
Mathews, Rita Clarice	- - -	1948	van Raalte, Winifred	- - -	1947
Matters, Barbara Frances	- - -	1948	Vincent, Ivan Leonard Ray	- - -	1952
Matz, Marilyn Anne	- - -	1959	Walters, Margaret Ward	- - -	1947
Maund, Doreen Rhoda	- - -	1951	Warner, Joan	- - -	1951
†Mengerson, Margaret (1939)	- - -	1942	Warnest, Jean Alice	- - -	1949
Mercer, David Jeffrey	- - -	1948	Waters, Lesley Brenda	- - -	1947
Michell, Aithnah Howard	- - -	1950	Waterman, Collette	- - -	1944
Miller, Barbara	- - -	1956	Wemyss, Glenys Maisie	- - -	1951
Modra, Pamela Marie	- - -	1956	Whitehead, Millicent Alma, B.A.	- - -	1949
Moseley, Claire Elizabeth	- - -	1957	Whittington, Anne, B.A.	- - -	1951
Mowbray, Brenton George	- - -	1958	Wicks, Nancy Elizabeth	- - -	1947
Mune, Marie Elizabeth, B.A.	- - -	1954	Wilmot, Edith French, B.Sc.	- - -	1944
Nairn, Phyllis	- - -	1948	Wilson, Shirley Cameron	- - -	1950
Nankivell, Diane	- - -	1948	Winter, Eva Bertha	- - -	1951
Noble, Joy Beryl	- - -	1958	Winter, Lewis Walter	- - -	1948
Osterman, Ingrid Gwendoline	- - -	1951	Wollaston, Julienne Kinmont	- - -	1954
†Paine, Helen, B.A. (1940)	- - -	1942	†Woods, Irene Constance (1938)	- - -	1942
Paine, Janet, B.A.	- - -	1949			

† Gained the diploma of the S.A. Board of Social Study and Training in the year shown in brackets

ASSOCIATES IN SOCIAL STUDIES

Dermott, Veda Rosemary	- - -	1959	Jones, Moya Frances Britten	- - -	1959
Jeffries, Elizabeth Shirley, B.A.	- - -	1959	Price, Lorraine Ruth	- - -	1959

ASSOCIATES IN PHYSIOTHERAPY

Ackland, Helen Harrington	- - -	1958	Banks, Athalie Isabelle	- - -	1951
Anderson, Doreen May	- - -	1958	Banks, Garland	- - -	1951
Appleby, Dorothy Dawn	- - -	1950	Barlow, Margaret Jean	- - -	1956
Ashton, Barbara Jean	- - -	1953	Beech, Alison Erica	- - -	1954

Begg, Jenny Isobel	1949	McEarchen, Jean Campbell	1958
Begg, Pauline	1951	McElroy, Margaret Joyce	1950
Biven, Mabel Audrey	1947	McGrady, Rosemary Annette	1959
Blake, Jillian Heather	1956	McKeough, Margaret Joan	1957
Bowman, Kathleen Mary	1952	McLennan, Fay Maisie	1951
Brady, Kevin James	1953	McPhee, Aileen Tempe	1949
Branson, June Maxine	1948	Maitland, Geoffrey Douglas	1949
Broad, Donald Ivor	1954	Maloney, Patricia Kathleen	1950
Brooks, Dorothea Joan	1956	Marshman, Margaret Felstead	1946
Chambers, Ruth Alva	1955	Meyer, Carlien Alisarde Ripley	1952
Chapman, Margaret Ann	1957	Meyer, Rigmor Stewart	1948
Chittleborough, John James	1952	Mitchell, Dorothy Christine	1948
Clark, Genevieve Mary	1950	Moore, Margaret Suzanne Alice	1945
Clark, Jenifer Margaret	1954	Moore, Virginia Joyce	1952
Clark, Jennifer Elaine	1955	Morley, Mary Elizabeth	1946
Collins, Doreen	1946	Morris, Suzanne Beatrice	1949
Colliver, Judith Mary	1947	Navakas, Aldona Victoria	1957
Copley, Fay Muriel	1948	Newton, Margaret Betty	1950
Cornell, Janet-Clare	1956	O'Connell, Barbara	1952
Cornish, Barbara Jean	1957	Paige, Maxwell John	1949
Cornish, Gwenneth Kathleen	1957	Parsons, Jill Angus	1958
Creswell, Joan Elizabeth	1951	Pengilly, Susan Lisbeth	1957
Crisp, Rosemary	1956	Phillipps, Margaret Jean	1945
Crocker, Colleen Ann	1958	Pierotti, Margaret Brown Halley	1955
Cross, Geraldine Frances	1954	Pill, Barbara Elaine	1958
Crowe, Helen Katherine Margaret	1948	Pinder, Judith Ann	1954
Davys, Barbara Ramsay	1951	Piper, Rosemary Lillecrapp	1954
Dicker, Patricia Margaret	1958	Pitcher, Anne Barton	1951
Donaldson, Robert Gordon	1948	Plush, Lesley Margaret	1949
Dow, Diana Caroline Sandland	1947	Polomka, Genevieve Joan	1957
Dunkley, Barbara	1952	Preston, Pauline Rowland	1949
Dunning, Beverley Constance	1958	Radford, Margaret Ann	1956
Dwyer, Margaret Rosalind	1958	Rice, Miriam Joan	1958
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, Eril 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
Gemmell, Rae St. Clair	1958	Sandow, Maxwell George	1952
Gibson, Pauline Janet	1956	Simpson, Jean Katie	1952
Gillman, Meredith Eldred	1958	Simpson, Rae David	1951
Graham, Ronald Kirkwood	1953	Simons, Aileen Mary Grace	1957
Gray, Gary Colin	1953	Sims, Enid Helen	1950
Gray, Janet Lesley	1950	Smith, Elaine Lockhart	1946
Gray, Jule Marie	1951	Snow, Frances Mary	1955
Ham, Helen Prudence	1954	Sopp, Maxwell John	1958
Hamilton, Sally Nancy	1958	Southam, Catherine Mary Rose	1956
Hammond, Marie Joan	1951	Starr, Judith Anne	1954
Hannaforde, Claire Anne	1949	Stoddart, Lorraine Mary	1951
Hardy, Barbara Mansell	1946	Supple, Harvey Walter Thomas	1958
Hardy, Mary Mansell	1951	Taylor, Christobel Jane	1952
Haskard, Robin Lindsay	1954	Taylor, Margaret Anne	1952
Heysen, June	1948	Taylor, Margaret Mary	1952
Holder, Charlotte Ruth	1949	Thomson, Janet Elizabeth	1951
Hosking, Elizabeth Mary	1957	Thorpe, Barbara Joy	1957
Jamieson, June Edna	1958	Thorpe, Heather Evelyn	1957
Jay, Judith Helena	1947	Toft, Jan	1956
Jennings, Jill Gellibrand	1947	Tosolini, Gwen Corinna	1951
Job, Kathleen	1950	Tregenza, Ann Irvine	1956
Johns, Gordon James	1946	Viksna, Velta	1955
Johnstone, Heather Joy	1958	Vincent, Jillian	1957
Jones, Alison Mary Herbert	1948	Waddell, Margaret Jean	1945
Jordan, Hilary Anne	1951	Walford, Joan Louise	1957
Juttner, Susan Elizabeth	1953	Walker, Judith Nora Mudie	1958
Kelly, Francis Simeon	1949	Wall, Ellen Winifred	1953
Kinsman, Alison Joan	1949	Waterhouse, Jane Hardey	1953
Klutke, Eric Willi	1953	Webb, Nancy Joan	1958
Laffer, Erica Merle	1952	Whicker, Joan Doreen	1954
Lake, Joan	1946	White, Jenifer Judith	1954
Laver, Dorothy Margaret	1948	White, Ruth Rosanne	1956
Leslie, Janice Laurel	1958	Wicks, Claire Hampton	1947
McArthur, Judith Ann	1958	Wilson, Earle Elliot	1958
McCandless, Rosalind Elizabeth	1953	Wood, Judith Mary	1953
Mackie, Margaret Irene	1950	Wylde, Annette Eustace	1947

ASSOCIATES IN ARTS AND EDUCATION

Adams, Ian Sorby	1959	Andrews, Rosemary Alison	1953
Adams, Malcolm Thomas	1952	Arbery, James Herbert (surrendered 1959)	1957
Ahrens, Elsie Gladys (surrendered 1955)	1951	Argyle, Barry	1954
Alexander, Stuart Dixon	1952	Armitage, Bessie Eleanor Mildred	1949
Anders, Beverley Margaret	1958	Armour (nee O'Leary), Patricia	1950
Andrews, David Francis William	1948		

Ashton, Walter Ray	1950	Coggins, Harold Douglas, B.Sc.	1954
Aspinall, Nancie Jean	1951	Coggins, Robert Symes, B.Sc. (surrendered 1954)	1951
Atkin, Jack Taylor	1955	Coker, John Godfrey	1954
Aubert, Graham James	1958	Collins, Henry Angus	1959
Auhl, Ian Leslie	1952	Considine, Thomas John	1950
Aylesbury, Colleen Valma Grace	1959	Cook, Colin George	1951
Bailey, Donald William	1956	Cook, Owen Gladstone	1951
Bails, Dennis Graham	1959	Coombs, Ruby Rachel	1953
Bain, Dean Rollo	1959	Coppock, Alfred Arthur	1950
Baird, Alexander William	1959	Cousins, Georgena Millicent	1949
Baird, Rachel Mary	1949	Cowley, Lorine Joan	1952
Baker, Harvey Laurence	1950	Cracknell, Vernon John	1959
Barclay, Barrey Ballington	1957	Cropley, William Haywood	1958
Barker, Leon James Frank	1952	Cross, Jack (surrendered 1957)	1953
Barr, Gweneth Janet	1957	Crouch, Stuart Samuel	1956
Barrett, Donovan Thomas	1959	Cupples, Sylvia Joyce	1956
Bartley, Helen Louise	1959	Dadds, Brian James	1959
Bastian, Elwin Scott (surrendered 1956)	1952	Daenke, Eric	1948
Bawden, Maxwell John	1958	Dahl, James Oliver	1949
Baxter, Ladislaus Edward	1949	Darby, Ruth Mary	1949
Bayly, Elizabeth	1948	Davey, Kenneth Llewellyn James	1953
Beare, Lynden Day	1955	Davies, David Alwin	1956
Beare, Lynette Barbara	1959	Davies, David William	1950
Beasley (nee Ford), Beverley	1958	Davis, Brian	1949
Beasley, Victor John (surrendered 1957)	1955	Davis, Frederick Harry (surrendered 1955)	1954
Beaton, Kenneth Murray	1958	Dawes, Walter Ernest (surrendered 1954)	1949
Beaty, Arnold Keith	1952	Dean, Daniel Frederick	1959
Becker, Roy Colin	1959	Delsar, Frederick William	1949
Beilby, Shirley May	1954	Dempster, Donald	1949
Bennett, Henry Russell	1948	Dening, Patricia Joan (surrendered 1958)	1956
Berg, Carlene Robin	1959	Dent, Ronald Thomas Stewart	1952
Bernard, Dorothy Adele James	1958	Dickinson, Gwladys Margaret	1953
Biddle (nee Richards), Mary Elizabeth	1948	Dillon, Gerald Alexander, B.A., B.T.	1958
Black, Jill	1959	Dillon, Neralie Anne	1957
Bills, Barbara Alison	1959	Dixon, James Elmslie	1957
Bonnett, Victor Walter Lincoln	1954	Dobner, Coralie Ann	1959
Bormann, Malcolm Carl	1959	Dobner, Frederick Jack Pozières	1956
Bosworth, Catherine Jean	1951	Dorman, Jean Alison	1951
Bourne, Margaret Cornelius	1949	Driver, Bruce Edwin	1952
Bowden, Janet	1951	Driver (nee Nixon), Valerie Colinette (surrendered 1957)	1952
Bowler, Mary	1949	Duell, Allen John	1951
Bown, Henry Theobald	1949	Dunbar, Harry Edward	1953
Braham, Henry Arnold Collyer (surrendered 1959)	1949	Dunlop, Walter James (surrendered 1952)	1951
Brideson, Colin Herbert	1950	Dunstan, Arnold Edward Stanton	1948
Bridgland, Margot Elizabeth	1953	Dunstan, Leonore Winifred	1958
Brocksoop, John Ernest, LL.B.	1951	Dyer, Frederick Stephen William	1955
Brown, Norman (surrendered 1952)	1951	Dyster, Colin	1958
Brown, Patricia Lorraine	1958	Dyster, Thomas (surrendered 1953)	1949
Browne, Thomas Joseph	1957	Eckert, Lexley Frank	1951
Buick, William George (surrendered 1956)	1950	Edmonds, Thomas James	1956
Burfield, Margaret Elizabeth	1956	Edwardes, Arthur Diedrich	1950
Burgan, Owen Sylvester	1948	Ekins, William Gray	1955
Burger, Janette Ann	1958	Esselbach, Rodney (surrendered 1956)	1953
Burley, Betty Ellanora Dawn	1951	Evans, Ben Owen	1950
Burnard, Charles Robert	1948	Evans, Peter	1953
Burns, Esther	1948	Fagan (nee Michael), Agnes Ruth	1955
Burns, Robert Alexander	1951	Farmer, Geoffrey Arthur Jessop	1956
Burville, Thomas George Theodore	1952	Farrow, Robert Murray (surrendered 1956)	1950
Butcher, Colin Sydney	1951	Faull, James Francis	1957
Butler, Francis James	1948	Fechner, Ronald Kevin	1955
Buttrose, Stroma	1951	Fehlberg, Albrecht Joachim	1955
Buxton, Gordon Leslie	1955	Feineler, Josephine Mary	1958
Bywaters, Mary Barfield	1951	Ferguson, George Robert (surrendered 1953)	1948
Campbell, Barbara	1950	Fitch, Nancy Jean	1949
Carle, Judith Anne	1959	Fitzgerald, Clarence Lindsay (surrendered 1952)	1949
Carmichael, Donald Ross (surrendered 1950)	1949	Fopp, Brian Paul	1959
Cavenett, Horace Clifford	1948	Foweraker, Alma Muriel	1950
Champion, Dorothea Hedwig	1958	Fricker, Lourdes Victoria	1951
Chandler, Douglas Norman	1951	Friedrichs, Noel Carl	1952
Chappel, Shirley Joan (surrendered 1959)	1956	Fuss, Patricia Joy	1959
Charlesworth, George Harvey (surrendered 1953)	1950	Gage, Josephine Helen	1958
Charlesworth, Jennifer Joy	1957	Gale, Milton Ewart	1956
Charlesworth, Joan Ann	1954	Gallas, David Dalmain	1956
Chinnick, Richard Lionel	1954	Galle, Reginald Victor	1951
Clancy, Peter Allan	1953	Galvin, Patrick John (surrendered 1956)	1953
Clark, John Stephen	1951	Garbutt, Mary	1954
Clarke, Margaret Anne	1948	Gare, Dorothy Lomax	1958
Clarke, Ruth Mary	1949		
Clements, John Wreford	1958		
Clezy, Alethe Kathleen	1956		
Cochrane, Heather Bernice	1954		

Geekie, Ronald Gordon	1955	Jackson, Esther Mary	1952
Gerhardy, Gordon John	1956	Jakobsen, Hugo (surrendered 1954)	1952
Gibbs, Alfred Lewis Burnand	1948	James, Richard Cecil (surrendered 1954)	1949
Giddings, Keith	1958	Jeffs, Kathleen Ellinor	1948
Cidney, Maxine Florence	1957	Jenkin, Leonard Bee	1954
Giles, James Ramsay	1951	Jenkin, Robert Haydon	1953
Gillies, Elizabeth Claire	1959	Jenkins, Merle Nona	1950
Glazbrook, Evelyn Marshall	1958	Jennings, Raelene Anne	1959
Glenn, Graham Gordon (surrendered 1958)	1954	Johns, Beryl Fay	1952
Glover, Geoffrey Edward Harold	1951	Johnston, John Arucs	1959
Glynn-Roe, Wilfrid Joseph	1948	Jones, Helen Margaret	1953
Golding, Edmond William (surrendered 1951)	1949	Joppich, Oscar Edwin	1954
Gower, Charlie James (surrendered 1954)	1951	Joyce, Pamela Beth	1956
Grave, Rosemary Anne	1956	Judd, James (surrendered 1954)	1950
Green, Ian Edward Charles	1949	Kane, Leo William	1958
Griffin, Margaret Elizabeth	1959	Kappler, Stewart Garth	1954
Grigg, Michael Liston	1959	Kealley, Frank Shenstone (surrendered 1951)	1948
Guerin, Robert	1950	Keane, Kenneth John	1951
Gunn, James Allan Baikie (surrendered 1959)	1957	Kearney, Stanley John	1956
Haese, Kevin Arthur	1955	Kelley, William Brian (surrendered 1951)	1949
Hakendorf, Hansie St. Clair	1950	Kesting, Norman Gustav	1951
Hall, Clifford Thomas Robert	1950	Kibena, Aimi-Lethe	1958
Hallewell, Audrey Joan	1952	Kieselbach, Patricia	1959
Halsey, Trevor Geoffrey	1959	Kimber, William Harold	1948
Hammond, William David	1952	Kissell, Thomas Alfred (surrendered 1954)	1950
Hanks, Cynthia Rose	1959	Kitto, Keith Olifent	1959
Hansen, Norman Victor	1951	Kohler, Bryce Leonard Percival	1955
Harper, Brian Youl	1951	Kraft, Patricia Mary	1959
Harrington, Archie	1951	Krieg, Terrence Brian	1959
Harrip, Elva Ray	1950	Kroehn, Joan Margaret	1951
Harrison, June Jacqueline	1956	Laidlaw, Valerie	1956
Harrison, Mary Elizabeth	1951	Lamacraft, Kenneth Ronald Ross (surrendered 1954)	1951
Harriss, Henry Thomas	1956	Lamborne, Maxwell Addison (surrendered 1953)	1949
Hart, Arthur Philip Clarendon	1948	Langsford, Irene Eltham	1949
Hartley, Anne	1959	Laslett, Barbara Rose	1952
Harvey, Mary Mignon Owen	1955	Lawson, Joy Rosemary	1956
Hastwell, Nita Claire	1948	Leak, Brian Hedley (surrendered 1954)	1952
Hawes, Gwynneth June	1952	LeCornu, Colin George (surrendered 1954)	1951
Hay, Nancy Evelyn	1952	Lee, John Malcolm	1959
Hecker, Coral Gladys	1950	Leibie, Albert Lawrence	1952
Hefford, Ronald Keith (surrendered 1956)	1951	Leigh, Kathleen Lavinia Anne	1951
Heinrich, Harold Gordon (surrendered 1956)	1954	Lemke, Mollie Aileen	1958
Heritage, Enid Helena	1957	Lock, Dorothy Marie Jeanne (surrendered 1954)	1950
Hicks, Lancelot Fry	1951	Lodge, John Kenneth Hyde (surrendered 1957)	1953
Higgs, Margaret Mary	1959	Longbottom, Maxwell Ernest	1953
Hill, Brian Heaton	1954	Love, Robert Stewart	1948
Hill, Mary Jean	1958	Loxton, Valerie Jean	1959
Hill, Victor Arthur	1952	Lunnay, Aubrey William	1952
Hillier, Alister Westford	1957	Lyall, Margaret Mary	1954
Hilton, Ruth	1958	McClaren, James Murray	1959
Hocking, Edward Bridgman	1951	McCracken, Samuel Raymond	1951
Hodgson, Geoffrey Arthur	1959	McDonald, William George Harlowe	1948
Hoile, Mervyn John	1957	McDowall, James	1952
Holmes, Edwin Thomas	1957	McElroy, Anthony Godfrey	1949
Holmes, Patricia Langley (surrendered 1958)	1954	McGill, Ian Keith (surrendered 1956)	1955
Holyoak, Janet Kay	1959	McGuire, Anthony (surrendered 1955)	1952
Hooper, Barbara Nellie	1957	McKenzie, Hector Malcolm	1948
Hooper, John Robert (surrendered 1959)	1956	McKinnon, Bruce John	1959
Honan, Margaret Colette	1959	McKinnon, Charles Richard	1951
Horsnell, Keith Constant	1954	McKinnon, Kenneth Richard	1952
Horwood, John	1959	McLay, Andrew Harold (surrendered 1953)	1950
Hosking, Horace Geoffrey	1957	McLean, Ronald Sinclair Allen	1956
Hosking, William Rex (surrendered 1958)	1951	McLeod, Murray Robert Love	1949
Howell, William Ewart	1950	McNamara, Maurene Rita	1952
Howlett, Eric Douglas	1958	McPherson, John Roger	1959
Hudson, Nancy MacDonald	1954	McRostie, Keith Henry	1950
Hughes, John	1953	MacGillivray, Leith Grant	1951
Humphrey, Ruth Iris Marie, B.Sc.	1956	Mader, Conrad Wilfred	1952
Humphries, Arthur Cecil George	1950	Magnay, William Ralph	1952
Humphries, Edna Jeanine	1951	Magor, William Alwyn Roy	1959
Humphries, Ralph	1959	Mahar, Alan Dalton	1957
Hunwick, Margaret Anne	1959	Manhood, Cleve Charles	1959
Hussey, Francis Leitch	1950	Manser, William Lloyd	1959
Hutson, Walter William	1948	Mansfield, Richard Charles	1951
Hutton, Malcolm Austin	1958	Manuel, Deane James Hubert, B.Ec. (surrendered 1959)	1954
Hynes, Gertrude Doreen	1955		
Liffe, Rosa Lorene	1954		

Maple, Alexander Montrose	1948	Pitman, Hartley Kenneth	1953
Marker, Lois Beatrice	1954	Playfair, Noel Angus	1951
Marsh, Douglas Stanton	1959	Poke, Alison Rae	1953
Marsh, William Clarence	1951	Pole, Audrey Elizabeth (surrendered 1956)	1951
Martin, John William	1950	Polglase, David Llewellyn	1959
Masters, Bernard Lincoln (surrendered 1959)	1956	Polkinghorne, Heather Mary	1949
Masters, John Clive	1949	Potts, Florence Marlene	1958
Matthews, Margaret Joy	1959	Pratt, Aubrey Ronald	1952
Maurice, Kay	1959	Quigley, Francis James Leo	1950
Mausolf, Jack	1954	Quirk (nee Sykes), Helen Marian (surrendered 1951)	1949
Mausolf, Wallace	1951	Raison, Max Victor	1958
Mayer (nee Hentschke), Margaret Ruth	1954	Ramsay-Matthews, Jean	1953
Medson, Albert Reginald	1956	Read, Clarence Percy (surrendered 1959)	1949
Michelmore, Roland Symons	1948	Redin, Lewis Charles (surrendered 1956)	1951
Middleton, Gaynor Denise Olive	1959	Redman, Jessie Adelaide	1951
Milway, Russell Henry Oliver	1949	Redstone, Frank (surrendered 1957)	1949
Minns, William Alfred	1959	Reincke, Kevin	1950
Mitchell, Nancy Jean	1959	Rendell, Rosemary Anne	1953
Moat, Milton Donald	1959	Resek, Marietta	1959
Moore, Eric Claude	1953	Richards, Martin Clyde	1952
Morris, Maxwell Arthur	1956	Ridgway, Phillipa Mary	1959
Morrison, John Colin	1953	Roberts, Owen David	1949
Mudge, Alfred Clarence	1952	Roberts (nee Ey), Sheila Margaret (surrendered 1959)	1950
Mugford, Eric Kenwyn	1959	Rogers, Roma Emma	1951
Mulraney, Leslie Patrick	1950	Rogers, Ruth Nellie (surrendered 1955)	1951
Mundy, Robert Reginald Peter	1951	Rosenthal, Murray Cyril	1959
Murchland, Mildred Emily	1949	Routley, Peter Herbert	1955
Murchland, William Byrne	1957	Rowe, Rex Norman	1950
Murray, Beryl Margaret	1953	Rowell, George Douglas Fairbairn	1949
Murray, Heather Jean	1954	Rowland, Rona Joy	1954
Murrie, Elizabeth Leroy	1955	Rudolph, Gerald Alfred	1951
Murrie, John Douglas	1958	Ruediger, Malcolm Milton (surrendered 1954)	1950
Nankivell, Isobel Mabel	1950	Ryan, John Leo	1958
Natt, Geoffrey	1956	Sage, Harold Robert (surrendered 1953)	1950
Nelson, Pamela Rosemary	1958	Sando, Clarice Melva (surrendered 1955)	1950
Nenke, Eric Eugene	1959	Saunders, Alan Caley	1954
Newbold, Beverley Joan	1954	Schiller, Marcus Benjamin	1959
Newell, Edward Richard Ireland	1954	Schnetz (nee Harrison), Ruth Olive	1950
Nitschke, Erna Gertrude	1952	Schuller, Ruth Doreen	1954
Noblet, Max Hadden (surrendered 1957)	1948	Schultz, Roydon Donald, B.Sc.	1959
Noon, David Lyon (surrendered 1952)	1952	Schulz, Clifford Rupert	1953
Norman, Jacob	1949	Searle, Vera Katherine	1953
Norton, Mary Alice	1949	Shekleton, Peter Reginald (surrendered 1957)	1951
Nottle, Geoffrey Edward (surrendered 1956)	1953	Sheppard, David Roland	1957
Nunan, Douglas Stephen	1951	Shinkfield, Anthony James (surrendered 1955)	1954
Oakley, Hannah Rosalie	1954	Simmonds, Allan Frederick	1958
Oborn, Herbert Russell	1948	Simpson, Brenda Mary	1956
O'Callaghan, Basil Charles	1957	Smale, Thomas Charles (surrendered 1950)	1949
O'Callaghan, Gerald Anthony	1954	Smith, Allen Clyde	1957
O'Connell, Geraldine Mary	1959	Smith, Ashley Mary	1958
O'Donnell, Noeline Claire	1956	Smith, Charles Bruce Powell	1959
O'Niell, Marguerite (surrendered 1949)	1948	Smith, Constance Ethel	1950
Opie, Roderick Preston (surrendered 1959)	1953	Smith, Cynthia Vivienne	1957
Ottens, Lois Veronica	1957	Smith, Donald Powell	1952
Paasuke, Henno	1958	Smith, Doris Elizabeth	1951
Paice, William Osborne (surrendered 1953)	1950	Smith, Gweneth Ruth	1956
Palmer, Rachel Dawn	1950	Smith, Ivan Ford (surrendered 1953)	1949
Parkes, Roy Frederick Walter	1948	Smith, John Henry (surrendered 1959)	1950
Parkinson, Peggy	1959	Smith, Margaret Joan	1954
Passell, Judith Christina	1958	Smith, Maxwell John	1953
Paterson, Robert George (surrendered 1958)	1952	Smith, Reginald John Wayne	1950
Patterson, Conrad Brenton	1959	Smith, Richmal	1957
Patterson, Frank Brenton	1948	Smith, Sylvester	1948
Patterson, Reginald Lindsay	1959	Snigg, Janice Helene	1957
Payne, Rosamond Marie	1957	Spence, Colin Everett (surrendered 1958)	1952
Peake, Archibald John	1950	Staggs, Valerie Marie Allan	1956
Pearce, Alfred Moreton (surrendered 1951)	1949	Stanley, Marena Jane Harrington	1959
Pearce, Edwin Lovell	1952	Stanley, Raymond John	1952
Pearce, Nancy	1952	Steinle, John Richard (surrendered 1958)	1952
Pearce, William	1952	Stenson, Peter John	1956
Pederson, Martin John	1959	Stewart, Jill Denise	1959
Penna, Murray Arthur	1959	Stewart, Peter McKenzie Gibson	1954
Pennicott, Ralph William	1948	Stocker, Reginald Henry	1953
Penny, Betty Lorraine Mary	1955	Stone, Ronald Alexander	1958
Peters (nee Rooney), Kathleen	1948	Stone, Victor Oxford	1953
Pfitzner, Renate Lottie	1956	Styles, Colin Ross	1958
Phillips, Ronald Osborn	1950	Tabor, Barbara	1950
Pickering, Eric	1954		
Pierson, Robert Arthur (surrendered 1954)	1953		

Taylor, Beatrice May	- - - - -	1948	Waye, Dorene Anne	- - - - -	1959
Taylor, Douglas McLeod	(surrendered		Webber, Ian James	- - - - -	1953
1951)	- - - - -	1950	Webber, Muriel Esme Jill	(surrendered	
Theobald, Howard Wesley	- - - - -	1948	1957)	- - - - -	1952
Thomas, Linley	- - - - -	1952	Wedding, Gordon Mervyn	- - - - -	1954
Thomas, Patricia Fay	- - - - -	1958	Welke, Margaret Rose	- - - - -	1956
Thompson, Frank Howard	(surrendered		Wellington, Douglas Erwin	- - - - -	1950
1955)	- - - - -	1951	Wendelborn, Lawrence Cyril	- - - - -	1959
Thompson, Iris Maude	- - - - -	1952	Were, Keith Francis	- - - - -	1958
Thomson, Eunice Ann	- - - - -	1955	West, George Graham	- - - - -	1948
Thomson, June Marie	- - - - -	1956	White, Emily Alice	- - - - -	1953
Tilbrook, Graham David	- - - - -	1958	Whitmore, Joan	- - - - -	1959
Till, Patricia Dell	- - - - -	1952	Wiese, Ivo Ray	- - - - -	1951
Tindall, Mildred Florence	- - - - -	1950	Wieser, Othmar Heinrich Jakob	- - - - -	1959
Torr, Alison Ruth	- - - - -	1950	Wiesner, Beverly Ann	- - - - -	1959
Trainer, Denise Margaret	- - - - -	1957	Wiley, Mary Ruth	- - - - -	1959
Trapnell, John Courtenay	- - - - -	1952	Wilkinson, Stewart Rex	(surrendered	
Travers, Thomas Edward	- - - - -	1948	1950)	- - - - -	1948
Trebilcock, David	- - - - -	1953	Wilksch, Lois Ruth	- - - - -	1958
Tregilgas, Francis Everleigh	- - - - -	1952	Williams, Ruth Jacqueline	- - - - -	1949
Trowse, Helen Hayward	- - - - -	1954	Williamson, Beth England	- - - - -	1949
Trudinger, June Stirling	- - - - -	1949	Wilsdon, Sallie	- - - - -	1959
Tucker, Robert	- - - - -	1956	Wilson, Francis Patrick	- - - - -	1948
Tulloch, David Gerald	- - - - -	1952	Wilson, Gwendolyn Moore	- - - - -	1950
Turner, William Howard Batley	- - - - -	1955	Wilson, Marlene Janice	- - - - -	1959
Twartz, Clement Wilford	- - - - -	1948	Winter, Maxwell Hugh	- - - - -	1957
Tyrrell, Barbara Joan	- - - - -	1959	Wohlfarth, Joanna Emily Therese	- - - - -	1958
Underdown, Reginald Edward, M.Sc.	- - - - -	1959	Woithe, Francis Arnold	- - - - -	1951
Vaughan, Matthew Ferdinand	- - - - -	1950	Wollaston, Pamela Jill	- - - - -	1956
Vogelsang, Arthur Ernst	- - - - -	1950	Wood, Eric William Hadley	- - - - -	1951
Wachtel, Heinrich Lenhart	- - - - -	1948	Woodards, Eva Narma Cherrington	- - - - -	1949
Walker, Alan Philip	- - - - -	1958	Woods, Donald Peter	- - - - -	1951
Wallace, Francis Joseph	- - - - -	1948	Woods, Rosamond Erica	- - - - -	1957
Wallbridge, Beryl Elsa	- - - - -	1958	Wright, Florence Maude	- - - - -	1953
Wallbridge, Leslie Walter	- - - - -	1956	Young, Donald Lindsay	- - - - -	1952
Ward, Brian John	- - - - -	1958	Young, Joan Margaret	- - - - -	1952
Wardle, Allen	- - - - -	1952	Zimmermann, Diana Wendy	- - - - -	1956
Warland, Avis Mary	- - - - -	1959	Zoerner, Robert John	- - - - -	1951

STATUTES

CONTENTS

- Chapter
I. Of the Chancellor and Vice-Chancellor.
Ia. Of the Deputy Chancellor.
II. Of the Council.
III. Of the Senate.
IV. Of Professors and Lecturers.
V. Of the Registrar.
VI. Of Leave of Absence.
VII. Of the Seal of the University.
VIII. Of Terms.
IX. Of Matriculation.
X. Of the Faculties.
XI. Of Degrees.
XII. Of the Board of Discipline.
XIII. Of The Angas Engineering Scholarship and the Angas Engineering Exhibitions.
XIV. Of The John Howard Clark Prize and the John Howard Clark Scholar.
XV. Of The Stow Prizes and Scholar.
XVIa. Of The Everard Scholarship.
XVIb. Of The Eric Smith Scholarship.
XVIc. Of The Archibald Mackie Bursary.
XVII. Of Conduct of Examinations.
XVIII. Of Academic Dress.
XIX. Saving Clause and Repeal.
XX. Of The Roby Fletcher Prize.
XXI. Of the Dr. Davies-Thomas Scholarships.
XXII. Of The Hartley Studentship.
XXIV. Of Non-Graduating Students.
XXV. Miscellaneous.
XXVII. Of Diplomas and their Boards of Studies.
XXVIII. Of The Joseph Fisher Medal of Commerce and The Joseph Fisher Lecture in Commerce.
XXIX. Of the Affiliation of Roseworthy Agricultural College.
XXX. Of The Tinline Scholarship.
XXXI. Of the David Murray Scholarships.
XXXII. Infectious Diseases.
XXXIII. The Lowrie Scholarships.
XXXIV. Of The John Bagot Scholarship and Medal for Botany.
XXXV. Of The Bunday Prize for English Verse.
XXXVI. Of the John Creswell Scholarships.
XXXVII. Of The Alexander Clark Memorial Prize.
XXXVIII. Of The Lister Prize.
XXXIX. Of The John Lorenzo Young Scholarship and The John L. Young Scholarship for Research.
XL. Of the Dr. Chas. Gosse Lectureship and Medal in Ophthalmology.
XLI. Of the Eugene Alderman Scholarships.

- XLII. Of the A. M. Simpson Library in Aeronautics.
XLIII. Of the Ernest Ayers Scholarships in Botany or Forestry.
XLIV. Of the Animal Products Research Foundation.
XLV. Of the Barr Smith Library.
XLVI. Of The George Thompson Bursary in Commerce.
XLVII. Of the Elizabeth Jackson Library.
XLVIII. Of St. Mark's College, Incorporated.
XLIX. Of the Appointments Board.
L. Of The Thornber Bursary.
LII. Of The Bonython Prize.
LIII. Of The Rennie Scholarship for Research in Chemistry.
LV. Of The Fred Johns Scholarship for Biography.
LVI. Of The Archibald Watson Prize.
LVII. Of the Affiliation of the South Australian Institute of
Technology.
LVIII. Of The T. G. Wilson Travelling Scholarship in Obstetrics.
LIX. Of the R. W. Bennett Prizes and Medal.
LX. Of The Chapman Prize.
LXI. Of St. Ann's College, Incorporated.
LXII. Of The Anna Florence Booth Prize.
LXIII. Of The William Gardner Scholarship.
LXIV. Of The Shorney Medal and The Shorney Prize.
LXV. Of The James Barrans Scholarship.
LXVI. Of Aquinas College, Incorporated.
LXVII. Of The Angus Parsons Prize.
LXVIII. Of The Lucy Josephine Bagot Prize.
LXIX. Of the Selborne Moutray Russell Scholarships.
LXX. Of The Varley Scholarship.
LXXI. Of the Anders and Reimers Scholarships.
LXXII. Of The Sir Archibald Strong Memorial Prize for Litera-
ture.
LXXIII. Of the J. E. Jenkins Scholarships.
LXXIV. Of the Gladys Lloyd Thomas Scholarship for Violin.
LXXV. Of the E. Harold Davies Scholarship for Organ.
LXXVI. Of the Gavin David Young Lectures in Philosophy.
LXXVII. Of the Baker Scholarship in Law.
LXXVIII. Of Lincoln College, Incorporated.
LXXIX. Of the Frederick Bevan Scholarship for Singing.
LXXX. Of the Barr Smith Travelling Scholarship in Agriculture.
LXXXI. Of the Kenneth and Hazel Milne Travelling Scholarship in
Architecture.

Chapter I.—Of the Chancellor and Vice-Chancellor.

1. The Chancellor shall hold office for five years from the date of his election.

*2. The Vice-Chancellor shall hold office until the expiry of twelve calendar months from the date of his election, or until the day preceding that on which he would have retired from the Council if he had not been Vice-Chancellor, whichever is the earlier.

• Allowed 22nd April, 1942. Allowed 4th April, 1912.

Chapter Ia.—Of the Deputy Chancellor.

1. The Council may from time to time appoint from amongst its members a Deputy Chancellor.

2. Subject to the University of Adelaide Act 1935-1950, at the request of the Chancellor or in his absence it shall be lawful for the Deputy Chancellor to do any act matter or thing which the Chancellor is ordinarily empowered to do.

3. For that purpose the Deputy Chancellor shall be *ex officio* a member of the Board of Discipline and of all Faculties and also of all Boards of Studies and Committees of which the Chancellor is a member.

Allowed 19th March, 1959.

Chapter II.—Of the Council.

1. The Council shall meet for the dispatch of business at least once a month.

2. The Chancellor or Vice-Chancellor shall have power to call a special meeting for the consideration and dispatch of business, which either may wish to submit to the Council.

3. The Chancellor or Vice-Chancellor, or in their absence the Registrar, shall convene a meeting of the Council upon the written requisition of four members, and such requisition shall set forth the objects for which the meeting is required to be convened. The meeting shall be held within fourteen days after the receipt of the requisition.

4. The Council shall have power to make, amend, and repeal Standing Orders for the regulation of its proceedings.

Chapter III.—Of the Senate.

*1. The Senate shall meet at the University on the fourth Wednesday in the month of November.

2. The Warden may at any time convene a meeting of the Senate.

3. Upon a requisition signed by twenty members of the Senate, setting forth the objects for which they desire the meeting to be convened, the Warden shall convene a special meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.

4. The Senate shall have power from time to time to make, amend and repeal Standing Orders for the regulation of its proceedings. Until amended or repealed the Standing Orders of the Senate adopted on the 2nd December, 1885, shall remain in force.

• Allowed 2nd December, 1926.

Chapter IV.—Of Professors and Lecturers.

*1. There shall for the present be the following Professors, that is to say:

- (1) The Hughes Professor of Classics and Comparative Philology and Literature;
- (2) The Hughes Professor of English Language and Literature and Mental and Moral Philosophy;
- (3) The Elder Professor of Pure and Applied Mathematics;
- (4) The Elder Professor of Physics;
- (5) The Elder Professor of Anatomy and Histology, who shall also give instruction in Comparative Anatomy, and shall be the Director of the Anatomical Museum;
- (6) The Angas Professor of Chemistry;
- (7) The Elder Professor of Music;
- (8) The Bonython Professor of Laws;
- (9) The Professor of Biochemistry and General Physiology;
- †(10) The Professor of History and Political Science;
- §(11) The Professor of Civil Engineering;
- (12) The Professor of Botany;
- (13) The Marks Professor of Pathology;
- (14) The Professor of Geology and Mineralogy;
- (15) The Jury Professor of English Language and Literature;
- (16) The Professor of Zoology;
- †(17) The Waite Professor of Agronomy;
- (18) The Waite Professor of Agricultural Chemistry;
- (19) The Professor of Human Physiology and Pharmacology;
- (20) The Professor of Economics;
- (21) The Waite Professor of Entomology;
- ‡(22) The Professor of Mining, Metallurgical and Chemical Engineering;
- (23) The Keith Sheridan Professor of Experimental Medicine;
- (24) The Professor of Bacteriology;
- ¶(25) The Professor of French Language and Literature;
- §(26) The Professor of Mechanical Engineering;
- §(27) The Professor of Electrical Engineering;
- ‡(28) The Professor of Economic Geology;
- ** (29) The Professor of Mathematical Physics;
- ** (30) The Professor of Genetics.

2. There shall be such other Professors and such Lecturers as the Council shall from time to time appoint.

3. Each Professor and Lecturer shall hold office on such terms as have been or may be fixed by the Council at the time of making the appointment.

‡‡4. Whenever sickness or any other cause shall incapacitate any Professor or Lecturer from performing the duties of his office, the Council may appoint a substitute or substitutes to act in his stead during such incapacity; and the Professor or Lecturer during such period shall receive such salary as the Council shall direct.

* Allowed 8th December, 1938.

† Amended 11th December, 1941.

‡ Amended 8th December, 1949.

§ Allowed 23rd January, 1947.

¶ Allowed 9th December, 1943.

** Allowed 17th January, 1952.

‡‡ Allowed 9th December, 1943.

5. The Council may at its discretion dismiss from his office or suspend for a time from performing the duties and receiving the salary thereof any Professor whose continuance in his office or in the performance of the duties thereof shall in the opinion of the Council be injurious to the progress of the students or to the interests of the University: Provided that no such dismissal shall have effect until confirmed by the Visitor.

6. No Professor shall sit in Parliament or become a member of any political association; nor shall he (without the sanction of the Council) give private instruction or deliver lectures to persons not being students of the University.

7. The Professors and Lecturers shall take such part in the University Examinations as the Council shall direct, but no Professor or Lecturer shall be required to examine in any subject which it is not his duty to teach.

8. During Term, except on Sundays and public holidays, the whole time of the Professors shall be at the disposal of the Council for the purposes of the University: Provided that the Council may for sufficient reason, on the application of any Professor, exempt him altogether, partly, or on particular occasions, from this Statute, and may at pleasure rescind any such exemption.*

* The second clause of Section 8 was allowed 11th June, 1890.

Notes.—(a) The Council, acting under the power conferred on it by Clause 2, has established the following professorships:

- (31) Medicine
- (32) Physical and Inorganic Chemistry
- (33) Organic Chemistry
- (34) Dental Science
- (35) History
- (36) Education
- (37) Architecture
- (38) Commerce
- (39) Geography
- (40) Pure Mathematics
- (41) Applied Mathematics
- (42) Psychology
- (43) Surgery
- (44) Obstetrics and Gynaecology
- (45) Child Health
- (46) Mathematical Statistics

(b) In establishing separate Chairs in Organic Chemistry and in Physical and Inorganic Chemistry the Council attached the title of Angas Professor to Professor D. O. Jordan, occupant of the Chair of Physical and Inorganic Chemistry.

(c) The Council has changed the title of the Chair of Agronomy to Waite Professor of Agriculture, and of the Chair of Bacteriology to Professor of Microbiology.

(d) In establishing separate Chairs in Applied Mathematics and in Pure Mathematics the Council attached the title of Elder Professor to Professor E. S. Barnes, occupant of the Chair of Pure Mathematics.

(e) Following endowment of the Chair of Economics by the late George Gollin the Council has named the occupant The George Gollin Professor of Economics.

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. A candidate shall enrol for his year's work not later than the date prescribed by the Council. An enrolment submitted after that date shall not necessarily be accepted, and if accepted shall incur such late enrolment fee as the Council may prescribe unless there be adequate reason why it had not been submitted by the prescribed date. Application for remission of the late enrolment fee must be made in writing and be addressed to the Registrar.

‡ Allowed 17th December, 1959.

*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 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 Students' Roll:

"I do solemnly promise that I will faithfully obey all existing and future Statutes, Regulations and Rules made or approved by the University of Adelaide or the Council thereof in force from time to time, so far as they may apply to me; and that I will properly demean myself and respectfully submit to and obey the constituted authorities appointed by the said University; and I declare that I believe myself to have attained the full age of sixteen years."

Every matriculated student shall, on signing the Students' Roll, pay such fee as the Council may prescribe.

6. (a) A candidate who has attained the age of sixteen years and who has not completely fulfilled the requirements specified in clause 4 hereof may be admitted to provisional matriculation for such period and on such conditions as may be determined in each case.

(b) Such provisional matriculation may, before the expiry of the period for which it was granted, be renewed for such further period and on such conditions as may be determined in each case.

(c) A candidate admitted to provisional matriculation shall comply with clause 5 hereof, and shall be deemed, during the period of provisional matriculation, to be a matriculated student of the University.

*(d) A candidate admitted to provisional matriculation who fulfils the conditions imposed within the period specified shall thereupon become a matriculated student as from the date on which he signed the Students' Roll.

*(e) If a candidate admitted to provisional matriculation fails to comply with the conditions imposed within the period specified his matriculation shall thereupon lapse, an entry to that effect shall forthwith be made in the Students' Roll, and he shall thereafter be a non-graduating student under Chapter XXIV of the University Statutes.

7. Any other candidate may be admitted to matriculation by the Council on the report of the Matriculation Board.

8. The Board shall consist of the Vice-Chancellor and the Deans of the Faculties. It shall receive applications from candidates (a) who have attained the age of seventeen years and have passed in not fewer than three subjects at the Leaving Certificate Examination at one time; or (b) who present other evidence that they are qualified to enter on a course of study for the degree of Bachelor; or (c) who are over the age of twenty-five years. The Board shall recommend to the Council the conditions, if any, under which such candidates may be admitted to matriculation.

* Amended 17th December, 1959.

9. Subject to the Statutes and Regulations of the University a candidate for the degree of Bachelor who has become a matriculated student of the University shall be entitled to proceed with his course of study in the Faculty selected by him.

10. If in any academical year the number of matriculated students who apply to begin a course of study in any Faculty is in the opinion of the Faculty greater than can be taught, the Council may thereupon select from such students by such method as the Council from time to time determines those who in its opinion should be entitled to begin the course of study in that Faculty in that year.

11. (a) A candidate for a degree other than a Bachelor's degree or a degree *ad eundem gradum*, who is not a graduate of the University, shall be matriculated before he enters upon his course of study.

(b) Notwithstanding anything in this Chapter, such a candidate may be matriculated if he has been accepted as a candidate by the appropriate faculty or the Board of Research Studies.

(c) Such a candidate shall comply with clause 5 hereof.

12. Notwithstanding the provisions set out in clauses 3 and 4 above, until March 31, 1961, a candidate may fulfil the educational requirements for matriculation by complying with the requirements specified in clause 3 of the Chapter hereby superseded.

Allowed 14th February, 1957.

NOTES UNDER CLAUSE 4 (B), WHICH DO NOT FORM PART OF THE STATUTE:

1. *Languages other than English*: At least one course in Greek, Latin, French or German forms part of the requirements of the Ordinary degree of Bachelor of Arts. Except with special permission to be obtained in writing from the Registrar, no candidate proceeding to a degree may take the course in Greek I, Latin I, French I or German I until he has passed in the corresponding subject at the Leaving examination or at an examination accepted by the University as equivalent.
2. *Mathematics*: General Mathematics is a compulsory subject in the Engineering course; further, General Mathematics or 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 General Mathematics until he has passed *either* in Leaving Mathematics Parts I and II *or* in an examination accepted by the University as equivalent. For admission to the class in Mathematics I, a pass in Leaving Honours Mathematics I and II or in General Mathematics is normally required.
3. *Physics and Chemistry*: Although a pass at Leaving standard is not a pre-requisite for admission to the classes in General Physics and Chemistry I, the syllabuses in these subjects pre-suppose a knowledge of Physics and Chemistry at Leaving standard. For admission to the class in Physics I a pass in Leaving Honours Physics or in General Physics is normally required; otherwise, in special cases the Professor of Physics may grant written permission, which must be attached to the enrolment form.

4. *Music*: Harmony II is a compulsory subject in the first year of the course for the degree of Bachelor of Music, and no candidate will be admitted to the class in that subject until he has *either* passed in the Theory of Music at the Seventh Grade of the Public Examinations in Music *or* satisfied the Dean of the Faculty of Music in a special entrance examination in the theory of music of equivalent standard.
5. *Law*: A pass in Latin at Leaving Standard is pre-requisite for admission to the classes in Roman Law and in Jurisprudence. The latter is a compulsory subject in the course for the degree of Bachelor of Laws.
6. *Building Science*: The syllabus in this subject pre-supposes a knowledge of Chemistry at Leaving standard.

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.

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, Technology, and Architecture and Town Planning.

ARTS.

2. The Faculty of Arts shall consist of:

(a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the Dean of the Faculty of Science; the Bonython Professor of Law; the Elder Professor of Music; the Director of Education; the Principal of the Adelaide Teachers' College.

(b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

SCIENCE.

3. The Faculty of Science shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the Deans of the Faculties of Arts, Agricultural Science, Engineering, Medicine and Dentistry.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

LAW.

4. The Faculty of Law shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; 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, Microbiology, Pathology, Medicine, Surgery, Obstetrics and Gynaecology and Child Health; the Reader in Pharmacology; the Reader in Medicine and the Humanities; the part-time lecturers in the Departments of Medicine and Surgery; 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.

* Amended 17th December, 1959.

- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer in each of the Departments of Anatomy and Histology, Biochemistry, Physiology, Microbiology, Pathology, Medicine, Surgery, Obstetrics and Gynaecology, and Child Health, 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 Director of the South Australian Institute of Technology.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department of Engineering nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding five in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons not exceeding two in number as the Council may appoint.

DENTISTRY.

8. The Faculty of Dentistry shall consist of:

- °(a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Professor of Dental Science; the Heads of the Departments of Prosthetic Dentistry, Conservative Dentistry and Dental Surgery and Pathology; the full-time and part-time lecturers in the specifically dental subjects of the curriculum for the degree of Bachelor of Dental Surgery; the Heads of the Departments of Physics, Organic Chemistry, Physical and Inorganic Chemistry, Zoology, Anatomy and Histology, Biochemistry, Physiology, Bacteriology and Pathology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Professor of Medicine; the Director-General of Medical Services; the Chairman of the Dental Board of South Australia.
- (b) *Appointed members*: (i) Such other members of the teaching staff of the Dental School, not exceeding three in number, as the Faculty may recommend and the Council approve; (ii) such other persons, not exceeding three in number, as the Council on the recommendation of the Faculty may appoint; and (iii) such other persons not exceeding two in number as the Council may appoint.

* Amended 28th July, 1959.

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 Director of the South Australian Institute of Technology.
- (b) *Appointed members*: (i) Six members appointed by the Council of the University on the recommendation of the Education Committee; and (ii) six members appointed by the Council of the South Australian Institute of Technology.
- (2) 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.

ARCHITECTURE AND TOWN PLANNING.

11A. The Faculty of Architecture and Town Planning shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Deans of the Faculties of Arts, Science and Engineering; the Professors of Architecture and Civil Engineering; the Head of the Department of Mathematics; all full-time members of the Department of Architecture of the status of lecturer or above.
- (b) *Appointed members*: (i) Such persons, not exceeding four in number, as the Faculty may recommend and the Council approve; (ii) such other persons, being members of the Council and not exceeding two in number, as the Council may appoint.

GENERAL.

12. Appointed members of a Faculty shall hold office until the end of the calendar year for which they are appointed but shall be eligible for re-appointment.

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:

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.

* Allowed 8th December, 1938. † Allowed 17th January, 1952.

‡ Allowed 18th October, 1956.

Form of Admission to any Degree.

By virtue of the authority committed to me, I admit you
to the rank and privileges of a _____ in the University of
Adelaide.

Form of Admission to any Degree during the Absence of a Candidate.

By virtue of the authority committed to me, I admit in his absence
to the rank and privileges of a _____
in the University of Adelaide.

Allowed 2nd December, 1926.

Chapter XII.—Of the Board of Discipline.

*1. There shall be a Board of Discipline, consisting of the Chancellor, the Vice-Chancellor, the Deans of the several Faculties, and such Professors or Lecturers as may be appointed by the Council.

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

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

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

He shall preside at the meetings of the Board.

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

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

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

(a) to dismiss such complaint;

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

(i) by admonishing the student complained against;

(ii) by inflicting a fine on such student not exceeding five pounds;

(iii) by administering a reprimand either in private or in the presence of any class attended by such student;

(iv) by excluding such student, for such term as the Board may think fit, from any course of instruction in, or from any lectures of, the University, or from any examination;

(v) by excluding such student, for such term as the Board may think fit, from any place of study or recreation in the University, or from the premises of the University;

(c) to expel such student from the University.

Every such decision of the Board shall be reported to the Council, who may reverse, vary, or confirm the same.

* Amended 22nd January, 1953.

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.

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.

‡ Allowed 23rd January, 1947.

†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.

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.

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

‡ Allowed 30th November, 1933.

* Allowed 25th August, 1955.

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 University Act. The income (including such grant) to be derived from the said sum, or so much of such income as shall be sufficient, shall be applied in paying the said scholarship and exhibitions, and so much of such income as in any year shall not be so applied shall be at the disposal of the Council for the purposes of the University.

17. These Statutes may be varied from time to time, but the title and general purpose of the scholarship and exhibitions shall not be changed.

Allowed 6th December, 1922.

Chapter XIV.—Of The John Howard Clark Prize and the John Howard Clark Scholar.

Whereas the University of Adelaide has received and has invested the sum of £500 for the purpose of perpetuating the name of John Howard Clark: And whereas it was agreed with the donors that the word "income" in these Statutes should include not only the interest to accrue from the said sum, but grants to be received from the Government in respect thereof:

It is hereby provided that:

1. There shall be an annual prize, to be called The John Howard Clark Prize, which shall consist of one-half the annual income of the fund received by the University as aforesaid.

2. The prize shall be awarded to the candidate for the Honours Degree of Bachelor of Arts who shall have been placed highest in the final examination in the school of English Language and Literature, and shall be judged by the examiners to have reached a sufficient standard.

3. If more than one candidate shall be considered by the examiners to have attained a standard worthy of the prize, the name of the second in order of merit shall be reported to the Council.

4. If the examiners shall consider no candidate worthy of the prize, they shall so report, and no award shall be made for that year; but there shall not, by reason of that lapse, be more than one prizeman in the following year.

*5. The prizeman will be required to proceed to the degree of Master of Arts by submission of a satisfactory thesis on a subject connected with the English language or with English literature and approved by the Faculty of Arts. The subject must be submitted for approval by the Faculty not later than the first day of April following the award; and the thesis must be submitted not later than the last day for submitting M.A. theses in the second year following that of the award, or such extended time as the Council in special circumstances may allow. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts, the prizeman shall deposit an approved copy of it in the University library; he shall then receive a further payment of one-half of the income available from the fund, and shall be granted the title of "John Howard Clark Scholar." If the thesis be not accepted as fulfilling the requirements for the degree of Master of Arts, such payment and such title shall be withheld.

6. The prizeman may at any time during the year following the original award be called upon by the Council to give proof that he is devoting himself to the study of Literature, with a view to producing a sufficient thesis. If he fails to give such proof when called upon, or

* Allowed 3rd January, 1935.

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 XVIb.—Of The Eric Smith Scholarship.

Whereas in the year 1879 the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) paid to the University the sum of £150 for the purpose of establishing the scholarship hitherto known as The Commercial Travellers' Association Scholarship; and whereas, through the liberality of Sir Edwin Smith, the Association has been enabled to pay to the University the further sum of £500 for the purpose of extending the benefits conferred by the scholarship, and has requested the University to change the name of the scholarship to The Eric Smith Scholarship, in memory of Lieutenant Eric Wilkes Smith, a grandson of Sir Edwin, who was mortally wounded in the attack upon the Dardanelles on April 25, 1915: Now it is hereby provided as follows:

1. A scholarship, to be called The Eric Smith Scholarship, shall be awarded by the University on the nomination of the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

2. The scholar must, prior to the award, have satisfied the requirements of the University for entrance upon the degree course which he proposes to take at the University.

3. The scholar shall be exempt from all University fees, including the fees payable on taking the degree, in the course of study he selects.

4. The scholar shall be in all respects subject to the discipline and to the statutes and regulations for the time being, of the University.

5. Save by permission of the Council of the University, the scholar shall not retain the scholarship for a longer period than that reasonably required in the opinion of the Council for proceeding to the degree in the course selected.

6. The Association may at any time, with the permission of the Council of the University, substitute another student for the then holder of the scholarship, and the privileges of the then holder shall thereupon be at an end.

7. The University shall pay the fees at the South Australian Institute of Technology for any scholar taking a degree in engineering, and the fees at the Adelaide Hospital for any scholar taking a degree in medicine, provided that if such fees be increased at any time it shall not be obligatory upon the University to pay the amount of the increase.

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

Allowed 10th December, 1915.

Chapter XVIc.—Of The Archibald Mackie Bursary.

Whereas the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) has paid to the University the sum of £100 for the purpose of founding a bursary in memory of Archibald Mackie, formerly Secretary of the Association: Now it is hereby provided as follows:

1. A bursary, to be called The Archibald Mackie Bursary, shall be awarded by the University to any person nominated from time to time by the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

*2. The value of the bursary shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the bursar may include in his curriculum for the degree of Bachelor of Economics.

3. The bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.

*4. Save by permission of the Council of the University, the bursar shall not retain the bursary for more than six years.

5. The Association may, at any time, with the permission of the Council, substitute another student for the then holder of the bursary, and the privileges of the then holder shall thereupon be at an end.

This statute may be varied from time to time, but the title of the bursary shall not be changed.

* Allowed 22nd January, 1953.

Allowed 10th December, 1915.

Chapter XVII.—Of Conduct at Examinations.

A candidate must not during any examination whatever:

- (a) have in his or her possession any book or notes or any other means whereby he or she may improperly obtain assistance in his or her work; or
- (b) directly or indirectly give assistance to any other candidate; or
- (c) permit any other candidate to copy from or otherwise use his or her papers; or
- (d) directly or indirectly accept assistance from any other candidate; or
- (e) use any papers of any other candidate; or
- * (f) by any other improper means whatever obtain or endeavour to obtain, directly or indirectly, assistance in his work, or give or endeavour to give, directly or indirectly, assistance to any other candidate; or
- (g) be guilty of any breach of good order or propriety.

Any candidate who shall be guilty of a breach of any of the provisions of this regulation shall lose that examination; and, if detected at the time, shall be summarily dismissed from the examination room; and shall be liable to such further punishment, whether by exclusion from future examinations or otherwise, as the Council may determine.

* Allowed 2nd December, 1926.

Allowed 3rd January, 1907.

Chapter XVIII.—Of Academic Dress.

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

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

3. The academic dress for graduates shall be:—

GOWNS.

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

HOODS.

- (a) *For Bachelors*: of black silk or stuff and partly lined with silk six inches wide of the colour of the Faculty.
- (b) *For Masters*: of black silk and entirely lined with silk of the colour of the Faculty.
- (c) *For Doctors of Philosophy*: of black silk entirely lined with scarlet.
- (d) *For Doctors (other than of Philosophy)*: of scarlet cloth and entirely lined with silk of the colour of the Faculty.
- (e) In each case the shape shall be that used at Cambridge.
- (f) In each Faculty the colour of the lining shall be uniform for the degrees of Bachelor, Master, and Doctor.
- (g) The colour of the lining in the several Faculties shall be, in accordance with the specimens given in *Ridgway's Colour Standards and Nomenclature*, as follows:—
 - (i) Law—Sky Blue (Plate XX).
 - (ii) Medicine—Eosine Pink (Plate I).
 - (iii) Surgery—Eosine Pink (Plate I).
 - (iv) Dental Surgery—Salmon Colour (Plate XIV).
 - (v) Arts—Pale Violet Gray (Plate LII).
 - (vi) Science—Primuline Yellow (Plate XVI).
 - (vii) Agricultural Science—Orange Chrome (Plate II).
 - (viii) Engineering—Purple (True) (Plate XI).
 - (ix) Music—Cendre Green (Plate VI).
 - (x) Economics—Helvetia Blue (Plate IX).
 - *(xi) For the degree of Bachelor of Medical Science—Carmine (Plate I).
 - †(xii) Technology—Spectrum Violet (Plate X).
 - ‡(xiii) Architecture and Town Planning—Variscite Green (Plate XIX).

* Allowed 25th August, 1955.

† Allowed 20th December, 1956.

‡ Allowed 28th July, 1959.

CAPS.

For undergraduates, Bachelors, Masters, Doctors of Philosophy and other Doctors wearing Undress Gowns, a black cloth trencher cap with black silk tassel. The cap to be worn with a Doctor's scarlet gown shall be the Doctor's bonnet of black velvet as worn at Cambridge.

The colour of scarlet for gowns and hoods shall be that defined as "Scarlet" in Plate I of Ridgway's *Colour Standards and Nomenclature*.

4. The academic dress for the Chancellor and the Vice-Chancellor shall be as approved by the Council from time to time.

5. The academic dress for members of the Council, Boards and Faculties who are not graduates shall be a plain black silk gown and black cloth trencher cap with black silk tassel.

6. Any member of the Senate who has been admitted *ad eundem gradum* may at his option wear the academic dress appropriate to the degree by virtue of which he has been so admitted.

7. A graduate who was admitted to his degree before the allowance of this Statute may continue to wear the academic dress prescribed under the Statute previously in force.

Allowed 8th December, 1949.

Chapter XIX.—Saving Clause and Repeal.

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

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

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

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

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

Provided that —

1. This repeal shall not affect —

- (a) Anything done or suffered before the allowance and counter-signature by the Governor of these statutes under any statute or regulation repealed by these statutes; or
- (b) Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed; or
- (c) The validity of any order or regulation made under any statute or regulation hereby repealed; and

2. In particular, but without prejudice to the generality of the foregoing provisions, the repeal effected by these statutes shall not alter the rank, precedence, titles, duties, conditions, restrictions, rights, salaries, or emoluments attached to the Chancellorship or Vice-Chancellorship or to any Professorship, Lectureship, Registrarship, or other office held by the present Chancellor or Vice-Chancellor, or by any existing Professor, Lecturer, Registrar, or other officer.

Allowed 18th December, 1886.

Chapter XX.—Of The Roby Fletcher Prize.

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

*The Roby Fletcher prize shall be £10 and shall be awarded annually to the best matriculated or graduate student in Psychology, as prescribed for the degree of Bachelor of Arts, provided he is of sufficient merit.

* Amendment allowed 22nd December, 1955.

Allowed 7th December, 1939.

Chapter XXI.—Of The Dr. Davies-Thomas Scholarships.

Whereas Mrs. Davies-Thomas has given the sum of £400† for the present purpose of founding two scholarships to be called after the late Dr. Davies-Thomas, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these Statutes, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum:—

1. The scholarship shall be called the Dr. Davies Thomas Scholarships, and shall be competed for annually.

*2. Each scholarship shall be of the value of £10, and shall be awarded to the student in each of the Third and Fifth Examinations of the M.B., B.S. course who shall be placed first in the list of candidates who pass with distinction.

†3. The money shall be paid to the scholars at the next ensuing Commemoration.

4. These Statutes may be varied from time to time.

* Allowed 20th December, 1956.

† Allowed 26th January, 1898.

‡ Increased in 1934 to £600.

Allowed 15th December, 1896.

Chapter XXII.—Of The Hartley Studentship.

Whereas the sum of £600 has been subscribed with the intention of founding a studentship in memory of the late John Anderson Hartley, Vice-Chancellor of the University of Adelaide, and Inspector-General of Schools, and whereas the said sum has been paid to the University of Adelaide to be used and administered by it in fulfilment of such intention, and the University has decided in recognition of the services of the said John Anderson Hartley to the said University from its foundation until his lamented death in 1896 to supplement the income from the said sum, so as to give effect to the following scheme, it is hereby provided as follows:—

*1. There shall be a studentship, to be called The Hartley Studentship, of the value of £25, open for competition every year to students intending to enter upon the course for the B.A., **B.Ec., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree.

‡2. The Hartley Studentship shall be awarded in each year to the most successful candidate at the Leaving Honours Examination, provided that, in the opinion of the examiners, he is of sufficient merit.

§The award shall be determined by adding together the marks obtained in not more than five subjects of the Leaving Honours Examination.

3. The subjects for such examination and their relative value shall be from time to time determined by the Council.

*4. Every Hartley Student shall forthwith, after the award of the studentship, commence his course, and shall diligently prosecute his studies for the B.A., **B.Ec., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree. Half the amount of the studentship shall be paid when the student enters upon the course he has selected, and the other half when he has completed his first year, if, in the opinion of the Council, the student has done satisfactory work in that year. But if the Council shall decide, on the recommendation of the Faculty governing his course, that his work has not been satisfactory, the second payment may be suspended on such terms as the Council may decree, or may be declared forfeited.

5. These provisions shall be subject to alteration from time to time, in such manner as to the University shall seem fit.

• Allowed 24th December, 1913.

† Allowed 7th December, 1927.

‡ Allowed 13th December, 1917.

§ Allowed 6th December, 1923.

** Allowed 22nd January, 1953

Allowed 7th December, 1911.

Chapter XXIV.—Of Non-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:

• Allowed 11th December, 1941, amended 20th December, 1956, and 17th December, 1959.

"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 Students' 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 Students' Roll, pay such fee as the Council may prescribe.

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 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.

† Allowed 11th November, 1954.

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

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

*2A. Every candidate for an examination, degree, diploma, scholarship, exhibition, studentship or prize shall enter his name on the prescribed form with the Registrar not later than a date fixed by the Council and published in the Calendar or by advertisement. Later entries may be received on payment of such additional fee as the Council may prescribe which, however, may be remitted by the Vice-Chancellor for an adequate reason; but no entry shall be received within seven days of the examination except with the express approval of either the Dean of the Faculty concerned or the Vice-Chancellor.

†2B. Whenever 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 one copy, or in the case of a candidate for the degree of Doctor of Philosophy, two copies, 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, 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 or copies 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.

* Allowed 11th December, 1947, amended 18th October, 1956, and 17th December, 1959. † Allowed 5th December, 1918.
 ‡ Allowed 11th December, 1947, amended 15th January, 1959.
 § Allowed 12th August, 1903.

‡‡3b. A person excluded from a course through failure in that course may not enrol for the same course, or for a course in another Faculty or Board of Studies which in the opinion of the Council is substantially the same in content, except with the 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.

‡‡4c. (a) A Faculty or Board of Studies may review the academic progress of any student enrolled for studies within the curriculum of that Faculty or Board at any time after the student has been enrolled for three terms and has presented himself or has had an opportunity of presenting himself for the annual examinations in the subject or subjects for which he was enrolled.

(b) As a result of such review the Faculty or Board may decide (i) to take no action, or (ii) to permit the student to take during the current or next ensuing academic year only such programme of study within its curriculum as it may approve, or (iii) to recommend to the Council that the student be precluded from taking further studies within its curriculum.

(c) Whenever a student who has been enrolled for studies within the curriculum of a Faculty or Board of Studies seeks enrolment for studies within the curriculum of another Faculty or Board of Studies the Faculty or Board of Studies in which enrolment is sought may consider the candidate's previous academic record in the University and may decide either (i) to permit the enrolment or (ii) to recommend to the Council that the enrolment be rejected.

(d) Every student or candidate whose position is to be considered under the foregoing sections of this clause shall be notified accordingly and requested to submit in writing for consideration by the Faculty or Board of Studies such explanation as he can offer for his lack of satisfactory pro-

‡‡ Allowed 15th January, 1959.

* Allowed 10th December, 1919.

°° Allowed 23rd January, 1947.

‡ Allowed 5th December, 1918.

‡‡ Allowed 28th July, 1959.

gress and reasons why he should be permitted to enrol for further studies in the University. If the Faculty or Board of Studies decides to recommend preclusion under section (b) or rejection under section (c) of this clause the recommendation shall be submitted to the Council which, after making such enquiry as it thinks fit, may confirm, vary or aside the recommendation.

- (e) On the recommendation of a Faculty or Board of Studies the Council may, in respect of candidates for enrolment who are not domiciled or have not been resident in South Australia for a continuous period of at least twelve months before applying for admission to the University, (i) set annually a quota for such students to be admitted to the course of study under that Faculty or Board and determine the method by which the quota shall be filled; or (ii) in accordance with a general policy which it may adopt or for any reason that it may deem adequate in a particular case, refuse enrolment to such students. Admission of such a student to one course of study in the University shall not confer or imply permission subsequently to transfer to another course of study.

§5. In all cases where Regulations affecting the course of study for any degree or diploma of the University have been or shall be repealed or altered, the Council may nevertheless allow candidates who have previously entered under the Regulations repealed or altered to complete their course thereunder, but may impose such conditions or modifications as may seem good to the Council in each individual case.

- ††5A. (i) In the case of any candidate for a degree or diploma the Council, on the recommendation of the relevant Faculty of Studies, may vary any maximum or minimum period of time prescribed in the Regulations relating to the course of study for that degree or diploma.
- (ii) In the case of any candidate for a degree the Council, on the recommendation of the Matriculation Board, may vary any maximum period of time prescribed in Chapter IX of the Statutes.

††6. In all cases where the passing of a Public Examination of this University is required by the Regulations, the passing of any other examination of this University which shall appear to the Council to be of at least equal value may be accepted instead thereof.

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

§ Allowed 12th August, 1915.

* Allowed 10th December, 1919.

†† Allowed 28th July, 1959.

†† Allowed 12th August, 1915.

§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 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.

† Allowed 7th December, 1927.

§ Allowed 10th January, 1946.

‡ Allowed 18th October, 1956.

† Allowed 7th December, 1932.

** Allowed 14th December, 1950.

(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 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.

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

3. Each Board of Studies shall advise the Council on all questions touching the studies, lectures and examinations in the curriculum of the Board.

†4. Each Board shall annually elect one of its members to be Chairman; except that one of the Professors of Chemistry shall be Chairman of the Board of Studies in Pharmacy.

5. The Chairman of each Board shall

- (i) at his own discretion, or on the request of the Chancellor or the Vice-Chancellor, or on the written request of two other members of the Board, convene meetings of the Board;
- (ii) preside at meetings of the Board;
- (iii) subject to the control of the Board, exercise a general control over its administrative business;
- (iv) perform such other duties as the Council shall from time to time prescribe.

6. Whenever the Chairman is absent from a meeting, the Board shall elect another member to preside during the Chairman's absence.

7. The Board of Examiners of each Board of Studies shall consist of the Professors and Lecturers in the subjects of the curriculum of the Board, together with such other examiners as may be appointed by the Council.

8. The qualifications prescribed for admission to the course for any diploma are set out in the regulations governing that diploma.

9. If in any academical year the number of qualified students who apply to begin a course of study for any diploma is in the opinion of the Board of Studies concerned greater than can be taught, the Council may thereupon select from such students by such method as the Council from time to time determines those who, in its opinion, should be entitled to begin the course of study for that diploma in that year.

† Amendment allowed 22nd December, 1955.

Allowed 11th December, 1947.

Chapter XXVIII.—Of The Joseph Fisher Medal of Commerce and The Joseph Fisher Lecture in Commerce.

Whereas on the 17th day of April, 1903, Joseph Fisher, Esquire, paid the sum of £1,000 to the University for the purpose of promoting with the income thereof, and the annual grant payable in respect thereof under the University Act, the study of Commerce in the University: It is hereby provided as follows:—

*1. There shall be a medal, to be called The Joseph Fisher Medal for Commerce, which shall be awarded annually in accordance with the following provisions:

- (a) Until the end of the year 1954, the medal shall be awarded to the candidate for the diploma in Commerce, who on completing the course for that diploma shall in the opinion of the examiners be the most distinguished academically and be deemed by them worthy of the award.

*Allowed 22nd January, 1953.

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

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

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

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

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

5. The subject of the lecture shall from time to time be approved by the Council of the University.

6. Any surplus income from the said endowment of £1,000 and the annual grant payable in respect thereof under the University Act, after providing for the said medal, the payment of the said lecturer, and the publication of his lecture, shall be applied by the University in or towards payment of the salaries or remuneration of such of the professors, lecturers, and examiners engaged or to be engaged in the work of the commercial courses for the time being of the University, as the Council of the University shall determine.

7. The Statutes contained in this chapter shall not be altered during the lifetime of the said Joseph Fisher, without his written consent.

* Allowed 22nd January, 1953.

Allowed 12th August, 1903.

Chapter XXIX.—Of the Affiliation of Roseworthy Agricultural College.

Whereas application has been made by the Governing Body of Roseworthy Agricultural College for affiliation to the University, it is hereby provided that —

1. The Roseworthy Agricultural College is affiliated to the University of Adelaide.

*2. The Council of the University, on the recommendation of the Faculty of Agricultural Science, may exempt students who have

* Allowed 3rd January, 1929.

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

Allowed 7th December, 1905.

Chapter XXX.—Of The Tinline Scholarship.

Whereas George John Robert Murray, a member of the Council of this University, has paid to the University the sum of one thousand pounds for the purpose of founding with the income thereof a scholarship in memory of the family of his mother, to be called The Tinline Scholarship: Now it is hereby provided as follows:

1. The Tinline Scholarship shall be available for award every year.
2. Subject to the provisions of clauses 6 and 7, the scholarship shall be awarded each year to the candidate placed highest in the final examination for the honours degree of Bachelor of Arts in the School of Political Science and History. If any candidate who has been awarded the scholarship decline it, the scholarship shall then be awarded to the candidate placed next in order of merit in the examination referred to above.
3. If in any year there be no award of the scholarship under clause 2, the scholarship for that year may be awarded to a candidate who in that year has obtained honours in the final examination for the honours degree of Bachelor of Arts in a combined school which included work in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute.
4. If in any year there be no award of the scholarship under clauses 2 and 3 the scholarship for that year may be awarded to a candidate who has qualified to enter upon the final year's work for the Honours degree of Bachelor of Arts in the School of Political Science and History. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have passed the final examination for the Honours degree of Bachelor of Arts in the School of Political Science and History.
5. If in any year there be no award of the scholarship under clauses 2, 3 and 4, the scholarship for that year may be awarded to a candidate for the Ordinary degree of Bachelor of Arts who has completed at least three courses in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute and of regulation 2 of the degree of Master of Arts. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have complied with the requirements of regulation 2 of the degree of Master of Arts.
6. The scholarship shall not be awarded to the same person more than once.
7. If in any year there be no candidate of sufficient merit, no award shall be made for that year; but there shall not, by reason of such lapse, be more than one award in the following year.

8. Each candidate awarded the scholarship shall proceed to the degree of Master of Arts in the School of Political Science and History by submission of a satisfactory thesis on a subject approved by the Faculty of Arts. The candidate must submit the subject of his thesis for approval by the Faculty not later than the first day of April following the award of the scholarship; and he must submit his thesis not later than the last day prescribed for the submission of theses for the degree of Master of Arts in the second year following that of the award, or at such later date as in special circumstances the Council may approve.

9. Each scholarship shall be of the total value of £60, payable in two instalments, each of £30. The first instalment shall be paid not sooner than the end of the sixth month after the date of award, provided that a satisfactory report of progress has been received from the Professor of Political Science and History, or from some other person approved by the Council. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts and the candidate has deposited an approved copy of it in the University library, the second instalment shall be paid and the candidate shall receive the title of Tinline Scholar.

10. A candidate for the scholarship shall be in all respects subject to the Statutes and Regulations for the time being of the University, and, if his conduct is not satisfactory, his tenure of the scholarship may be cancelled by the Council at any time.

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

Allowed 5th December, 1940.

Chapter XXXI.—Of the David Murray Scholarships.

Whereas the late David Murray has bequeathed the sum of £2,000 to the University of Adelaide for the purpose of founding scholarships, and whereas the said sum has been paid to the University to be used and administered by it in fulfilment of such intention, it is hereby provided as follows:—

1. The scholarships shall be called the David Murray Scholarships.

2. The purpose of the scholarships shall be to encourage advanced work and original investigation.

3. The sum of £25 may be awarded in each year by the Faculty of Arts, and by the Faculty of Laws, and in alternate years by the Faculty of Science and by the Faculty of Medicine.

4. The scholarships shall be awarded in accordance with conditions prepared by each Faculty and approved by the Council.

*5. If for any reason the full amount of £25 be not awarded in any year by any Faculty having the disposal of it, any amount so 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 24th December, 1913.

Chapter XXXVII.—Of The Alexander Clark Memorial Prize.

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

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

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

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

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

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

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

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

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

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

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

†† Allowed 25th August, 1955.

† Allowed 18th October, 1956.

† Allowed 16th December, 1948.

5. The prize shall, for the present, be of the annual value of £12 10s. tenable for three years, subject to the provisions contained in Clause 7. The holder shall be required to study at the Elder Conservatorium the principal subject for which the prize shall have been awarded, together with such secondary subjects as may be approved by the Director, and shall pay the proper fees. Scholars taking Violin as the Principal Subject of study shall, unless exempted by the Director, also study the Viola.

*6. Payment of the prize shall be made in three equal instalments in each year, one at the beginning of each term.

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

†7A. The prizeman shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

††8. Repealed.

9. Upon expiration of tenure, either by effluxion of time, resignation, or forfeiture, the prize shall be offered for competition at the end of the academic year.

10. These Statutes may be varied from time to time, but the title and general purpose of the prize shall not be changed.

•• Allowed 10th December, 1925.

† Allowed 16th December, 1948.

†† Repealed 25th August, 1955.

• Amended 15th January, 1959.

Allowed 13th December, 1917.

Chapter XXXVIII.—Of The Lister Prize.

Whereas the sum of £100 has been paid to the University by an anonymous donor for the purpose of founding a prize in memory of the late Lord Lister, it is hereby provided that:

1. The prize shall be called The Lister Prize.

2. It shall consist, until otherwise determined, of a bronze medal and the sum of £3 10s.

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

* Allowed 17th January, 1952.

†4. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine, and shall hold the examination at the end of the first clinical term. The marks awarded shall be taken into consideration in determining whether an undergraduate is entitled to a certificate signed by his honorary officers.

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

6. These Statutes may be varied by the Council from time to time, but the title and general purpose of the prize shall not be altered.

† Amended 9th January, 1958.

Allowed 30th November, 1933.

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

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

A. The John Lorenzo Young Scholarship.

1. The said sum of £200, together with such additions as have already accrued or may accrue under Clause 4 below, shall constitute the foundation fund of a scholarship which shall (a) be called the John Lorenzo Young Scholarship; and (b) be awarded for research in Political Economy or some cognate subject.

2. Until otherwise determined by the Council the value of the scholarship shall be £15 and shall be paid in one sum when the award is made.

3. The scholarship shall be offered for award annually and subject to Clause 4 below shall be awarded to the author of the report on a research project which in the opinion of the examiners is the best such report submitted in that year by a final-year candidate for the Honours degree of Bachelor of Economics.

4. If in the opinion of the examiners no report of sufficient merit be submitted in any year no award for that year shall be made and the value of the scholarship shall be added to the foundation fund referred to in Clause 1 above.

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

Allowed 17th December, 1959.

B. The John L. Young Scholarship for Research.

13. The said sum of £700*, and any additions thereto that may hereafter be made, shall be invested, and shall be called The John L. Young Fund for Research.

14. A scholarship is hereby established, to be called The John L. Young Scholarship for Research.

15. The scholarship shall be awarded for research work in any branch of knowledge, but no award shall be made unless, in the opinion of the Council, there is a candidate of sufficient merit.

16. Candidates must be graduates or present or past students of the University. There shall be no age limit.

17. Applications for the scholarship must be lodged with the Registrar not later than the 1st November of each year or such other date as the Council may appoint. Each candidate must specify the particular research work he proposes to undertake.

18. The Council may arrange a rotation of Faculties in which the scholarship will be awarded, but may disregard such rotation in favour of a candidate of outstanding merit.

19. The Faculties shall recommend the candidate in their respective departments whom they deem most worthy of the scholarship, and the final selection shall be made by the Council.

20. The award shall be made annually in the month of December of each year, or so soon thereafter as may be found convenient.

21. The Council may from time to time make grants out of the income of the fund to assist members or students of the University engaged in research work; but such grants shall not confer upon the recipients the right to be styled John L. Young Scholars.

22. Subject to any such grants, the whole income of the fund for the year preceding the award shall be paid to the scholar in two instalments, one as soon as conveniently may be after his election, and the other on the receipt of a satisfactory report of progress from the Dean of his Faculty or some other person nominated by the Council, but not earlier than six calendar months after his election.

23. The scholarship may be held in conjunction with any other scholarship or prize at the University, and may be awarded more than once to the same candidate.

24. If the scholarship be not awarded in any year, the income which would be otherwise payable to the scholar shall, in the discretion of the Council, subject to the power of making grants from it for research work, be added either to the corpus of the fund or to the income available when the scholarship is next awarded, or partly to corpus and partly to income.

25. These Statutes may be varied from time to time in any manner not inconsistent with the objects for which the fund was subscribed.

* This endowment was increased in 1921 to £1,000.
Allowed 10th December, 1915.

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

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

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

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

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

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

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

Allowed 30th November, 1916.

Chapter XLI.—Of the Eugene Alderman Scholarships.

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

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

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

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

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

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

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

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

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

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

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

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

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

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

*7. Payment of the annual value of a scholarship shall be made in three equal instalments, one at the beginning of each term.

8. One scholarship shall be offered for competition early in 1918, and the other towards the end of that year, and subsequently each shall be offered towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture.

9. These Statutes may be varied from time to time, but the title and general purpose of the scholarships shall not be changed.

† Allowed 10th December, 1925.

‡ Allowed 16th December, 1948.

• Amended 15th January, 1959.

•• Allowed 30th November, 1933.

‡‡ Allowed 25th August, 1955.

Allowed 11th April, 1918.

Chapter XLII.—Of the A. M. Simpson Library in Aeronautics.

Whereas Mrs. A. M. Simpson has paid to the University the sum of five hundred pounds for the purpose of founding a library in aeronautics in memory of her late husband, Alfred Muller Simpson:—

It is hereby provided that:—

1. The Library shall be called the A. M. Simpson Library in Aeronautics in memory of her late husband, Alfred Muller Simpson:—

2. Interest on the endowment at the rate of five per centum per annum shall be annually set aside for the purchase of books on Aeronautics.

3. The books shall be available for study to all persons on the same conditions as other books in the University Library.

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

Allowed 5th December, 1918.

Chapter XLIII.—Of the Ernest Ayers Scholarships in Botany or Forestry.

*Whereas the late Ellen Milne Bunday, Mus. Bac., has bequeathed the sum of £1,236 to the University for the purpose of founding a scholarship or scholarships for the encouragement of original research in Botany or Forestry, such scholarship or scholarships to be called The Ernest Ayers Scholarship or Scholarships:

†1. There shall be offered every alternate year a scholarship of the value of £120, to be called The Ernest Ayers Scholarship.

2. Every candidate for a scholarship must be a graduate of or have qualified for a degree in the University, and must have completed a full course in Botany or Forestry as a subject for his degree.

3. The scholarship shall be awarded in the month of December, on the recommendation of the Faculty of Science, to the best candidate, provided he is, in the opinion of the Faculty, of sufficient merit. Applications must be made in writing to the Registrar on or before the 1st day of December (or such later date as the Council may allow), and shall be accompanied by a statement of the subject upon which the applicant proposes to conduct his research. The Faculty shall, in making any recommendation, take into consideration the whole undergraduate course of the candidate, and shall attach special weight to any evidence of capacity for original research.

*4. Should no candidate be adjudged of sufficient merit, the scholarship shall for that year lapse, but shall be available in the month of December next ensuing.

†5. The holder of a scholarship shall, during his tenure of it, be styled the Ernest Ayers Scholar in Botany (or in Forestry, as the case may be).

6. The subject of research suggested by the scholar, or some other subject, having been approved by the Council on the recommendation of the Faculty of Science, the scholar shall diligently devote his whole time to the research, beginning not later than the 1st day of April

* Allowed 6th December, 1922.

† Allowed 10th December, 1925.

following the award. He shall present a report of his work to the Council not later than the 30th November following, or such later date as the Council may allow. During this period the scholar shall not engage in any salaried work without having previously obtained the consent of the Council.

7. The scholar may at any time be called upon by the Council to give proof that he is devoting himself to his subject in such a manner as to further the ends for which the scholarship is awarded. In the absence of such proof, or of a satisfactory report of his work, the Council may deprive him of the scholarship, or may altogether withhold, or suspend for such a time as they may deem proper, the second and subsequent payments referred to in the next section hereof.

‡ Either the original or an approved copy of each thesis or report approved in connection with this scholarship shall be deposited by the candidate in the University library before payment of the final instalment of the scholarship is made.

†8. The sum of £120 shall be paid to the scholar in four sums of £30 each, payable thus:—The first upon the 1st day of April following the award, the second upon the 1st day of July following, the third upon the 1st day of October following, the fourth upon the presentation of the result of the research work as provided by clause 6; provided as to the second and subsequent payments, that they shall not have been suspended or withheld, or the scholar deprived of his scholarship, under section 7 hereof.

*9. These Statutes may be modified or changed from time to time, but the name and objects of the scholarships shall not be changed.

‡ Allowed 30th November, 1933.

† Allowed 10th December, 1925.

* Allowed 6th December, 1922.

Allowed 10th December, 1919.

Chapter XLIV.—Of the Animal Products Research Foundation.

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

It is hereby provided that —

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

2. The income in each year shall be available for the purposes of the Foundation. Unexpended income in any year may be added to the capital sum, or expended in the next or some following year, as the Council may determine.

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

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

Chapter XLV.—Of the Barr Smith Library.

Whereas during his life the late Robert Barr Smith gave to the University sums amounting to £9,000 for the purchase of books constituting the Barr Smith Library; and whereas members of his family, in order to perpetuate his memory within the University, paid to the University in 1920 the sum of £11,000:

It is hereby provided that —

1. Interest at the rate of at least five per centum per annum on the sum of £11,000 shall be set aside for the purchase of books to be added to the Barr Smith Library.

2. The books of the library shall be suitably distinguished from other books in the possession of the University.

Allowed 9th December, 1920.

Chapter XLVI.—Of The George Thompson Bursary in Commerce.

Whereas the Adelaide Co-operative Society, Limited, has paid to the University the sum of £150 for the purpose of founding a bursary in memory of George Thompson, the first Secretary and Manager of the Society: Now it is hereby provided as follows:—

1. A bursary, to be called The George Thompson Bursary in Commerce, shall be awarded by the University to any person nominated from time to time by the Adelaide Co-operative Society.

*2. The value of the bursary shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the bursar may include in his curriculum for the degree of Bachelor of Economics.

3. He shall be in all respects subject to the discipline and to the Statutes and Regulations for the time being of the University.

*4. Save by permission of the Council of the University, the bursar shall not retain the bursary for more than six years.

5. The Society may at any time, with the permission of the Council, substitute another student for the then holder of the bursary, and the privileges of the then holder shall thereupon be at an end.

6. This Statute may be varied from time to time, but the title of the bursary shall not be changed.

* Allowed 22nd January, 1953.

Allowed 6th December, 1923.

Chapter XLVII.—Of the Elizabeth Jackson Library.

Whereas the sum of £750 (of which £650 was raised by public subscription and £100 was given by the Old Scholars' Association of the Methodist Ladies' College, Adelaide) has been paid to the University for the purpose of founding a special library for the study of psychology in memory of the late Sarah Elizabeth Jackson, M.A., formerly tutor in philosophy in this University:

It is hereby provided that —

1. The library shall be called The Elizabeth Jackson Library.

2. The interest on the endowment at the rate of five per cent. per annum shall be annually set aside for the purchase of books and

apparatus for the study of psychology, especially the psychology of abnormal children.

3. The books shall be available to all persons on the same conditions as other books in the University library.

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

Allowed 11th December, 1924.

Chapter XLVIII.—Of St. Mark's College, Incorporated.

Whereas application has been made by the governing body of St. Mark's College, Incorporated, for affiliation to the University:

It is hereby provided that —

St. Mark's College, Incorporated, is hereby affiliated to the University of Adelaide as a College for men students who have matriculated at the University, or have been admitted *ad eundem statum* therein; provided that in special cases the College may admit students engaged in full Diploma courses approved by the University, or, for a period not exceeding twelve months, other unmatriculated students.

Allowed 7th December, 1927.

Note.—The College was first affiliated in 1924 and was opened for the residence of students in March, 1925.

Chapter XLIX.—Of the Appointments Board.

1. The Council shall create a Board, to be called the Appointments Board, to assist undergraduates of at least two years' standing, holders of diplomas, and graduates to obtain appointments. The Board may also deal with such other matters as the Council may refer to it.

2. The Board shall elect annually a Chairman, and shall appoint a Secretary from time to time.

3. It shall be the duty of the Board to keep a register of those desiring employment and of employers who may be willing to give such employment, and the Board shall take such steps as may seem advisable in the interests of both classes.

4. The Board shall have power to make such rules and to charge such fees as may be approved from time to time by the Council.

Allowed 10th December, 1925.

Chapter L.—Of The Thornber Bursary.

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

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

2. The bursary shall be tenable for one year, shall be of the value of £22, and shall be awarded to the candidate who secures at the Leaving Examination the highest aggregate of marks in six subjects

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

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

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

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

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

Allowed 20th December, 1956.

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

Chapter LII.—Of The Bonython Prize.

In consideration of the endowment by the Hon. Sir John Langdon Bonython, K.C.M.G., of the Chair of Law at the University of Adelaide, and in order better to perpetuate his memory, as well as to encourage original contributions to the Science of Law, the Council of the University of Adelaide has decided to found a prize not exceeding the value of £100, to be awarded on the following conditions:—

1. The prize shall be called The Bonython Prize.
2. The prize shall be awarded by the Council to such 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 Institute of Technology.

Whereas the University of Adelaide and the South Australian Institute of Technology 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 Institute of Technology for affiliation to the University:

It is hereby provided that the South Australian Institute of Technology 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 Institute of Technology 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 Head of the Department of Psychology.

*3. To be eligible for the prize a candidate shall have qualified for the degree of Bachelor of Arts and shall have included a third-year course in Psychology in his course for the degree. The prize will be awarded to the candidate whose work in Psychology and in Social Studies shows most promise.

†4. The student who is awarded the prize shall present a satisfactory essay on a subject prescribed by the Head of the Department of Psychology in the field of social psychology. The essay must be handed to the Registrar before the 1st October in the year following the award of the prize or at such later date as may be approved by the Council.

†5. The prize shall be of the value of £16 payable in two equal instalments. The first instalment shall be paid when the award is made, and the second when the required essay has been approved by the Head of the Department of Psychology.

6. If in any year the prize be not awarded, the amount of the prize for that year shall be added to the capital of the fund and invested for the purpose of the prize.

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

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

^{°°}Subsequently increased by capitalisation of accumulated income to £750.

^{*} Allowed 11th November, 1954, amended 15th January, 1959.

† Amended 15th January, 1959. Allowed 5th December, 1940.

Chapter LXIII.—Of the William Gardner Scholarship and the William Gardner Prize.

Whereas the late Louise Gardner has bequeathed to the University the sum of £1,500 for the purpose of founding a scholarship in Surgery, and whereas the capital sum was increased on 31st December, 1953, to £2,042, it is hereby provided that:

1. There shall be a scholarship to be called the William Gardner Scholarship and a prize to be called the William Gardner Prize, each of which shall be offered for competition annually.

2. Only a student who, being neither a graduate in medicine or surgery of any other medical school nor a person who has been registered as a medical practitioner in South Australia or elsewhere, has completed the whole of the last three years of the medical course in the University of Adelaide and has passed the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year, shall be eligible to receive either the scholarship or the prize or both.

THE WILLIAM GARDNER SCHOLARSHIP.

3. The Scholarship shall be of the value of £45, and shall be paid to the scholar in one sum.

4. The Scholarship shall be awarded to the student who has been placed highest amongst such eligible candidates in Surgery at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year; provided that an award shall be made only if the successful candidate passes at the same time in all other subjects of the whole examination and obtains in Surgery marks at least equal to the minimum standard required for a pass with credit in the whole examination.

THE WILLIAM GARDNER PRIZE.

5. The prize shall be of the value of the total income, less the sum of £45, derived in that year from the capital sum and shall be paid to the scholar in one sum.

6. The prize shall be awarded to the eligible student who (a) has obtained at the final examination marks in Surgery at least equal to the minimum standard required for a pass with credit in the whole examination, and (b) has obtained the highest aggregate marks in the remaining subjects of the examination.

7. If in any year either the scholarship or the prize or both be not awarded the amount of the award or awards for that year shall be added to the capital of the fund and invested for the purpose of the bequest.

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

Allowed 25th August, 1955.

Chapter LXIV.—Of The Shorney Medal and the Shorney Prize.

Whereas the late Mabel Shorney has on behalf of her family bequeathed to the University the sum of £1,000 for the purpose of perpetuating within the Medical School the memory of her late brother Herbert Frank Shorney, M.D., F.R.C.S., Lecturer in Ophthalmology from 1926 to 1933, it is hereby provided as follows:

THE SHORNEY MEDAL.

1. A bronze medal, to be called The Shorney Medal, shall be awarded to the best candidate in the subject of The Diseases of the Ear, Nose and Throat at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided that the candidate attains in that subject a standard at least equivalent to that required for a pass with credit in the whole examination, and that in the opinion of the examiners he is worthy of the award.

2. Only those candidates who pass in all the subjects of the final examination at the one examination shall be eligible for the medal.

THE SHORNEY PRIZE.

*3. A postgraduate prize, to be called The Shorney Prize, of the value of £100, shall be awarded to the candidate who in the opinion of the examiners has made the most substantial contribution to knowledge in the subjects of Ophthalmology or of Diseases of the Ear, Nose and Throat. The prize shall be offered alternately for work in Ophthalmology and in Diseases of the Ear, Nose and Throat.

4. The recipient must be a graduate of an Australian University.

†5. The material submitted for the prize may be either a thesis or published work in medical or scientific literature, provided that it shall not have been submitted for examination for a degree, or published, more than five years prior to the closing date of entries for the prize.

6. Each candidate must declare that the work described is his own.

7. The prize shall be offered for competition from time to time as the accumulations of the fund permit.

8. The prize shall be offered at least twelve months before the last day for the receipt of applications.

9. The prize shall not be awarded on any occasion unless in the opinion of the examiners the material submitted is of sufficient merit.

10. This statute may be altered from time to time but the title and purpose of the endowment shall not be changed.

* Amended 14th December, 1950. † Amended 28th July, 1959.
Allowed 10th December, 1942.

Chapter LXV.—Of The James Barrans Scholarship.

Whereas the late Sarah Barrans has bequeathed to the University the sum of £3,000 for the purpose of founding a scholarship in geological or metallurgical science in memory of her brother, the late James Barrans, it is hereby provided as follows:

1. There shall be a scholarship to be called The James Barrans Scholarship, which shall be offered for competition annually.

2. The scholarship shall be awarded by the Council on the recommendation of the Faculties of Science and of Engineering.

3. The value of each scholarship shall be £90.

4. A candidate for the scholarship shall either (a) be a graduate of not more than three years' standing, or be qualified to graduate, in Science with Geology as a principal subject of his course, or (b) be a graduate of not more than three years' standing, or have passed all the examinations necessary for graduating, in Engineering, in the Department of Metallurgy.

5. Applications for the scholarship must be lodged with the Registrar not later than the first day of November of each year, or such other date as in special circumstances the Council may fix. Each candidate must give particulars of his undergraduate record and specify the advanced study or the research work that he proposes to undertake.

6. Preference in the selection of the scholar will be given in alternate years to candidates in Science and Engineering respectively; but if in any year there be no candidate of sufficient merit from the group to which preference is to be given in that year, the scholarship may be awarded to a candidate of sufficient merit from the other group.

7. Subject to the provisions of Clause 8 the scholar shall, at the beginning of the next academic year following the award, enter upon such further study and research in geological or metallurgical science as may be approved by the Council, and on completion of such work shall present a report on his studies or a thesis embodying the results of his investigations, or both.

8. For a reason satisfactory to the Council a scholar may be permitted to postpone entering upon his further study or research for a period to be specified in each case.

9. Payment of the scholarship shall be made in three equal instalments as follows: one at the beginning of the academic term in which the scholar begins his work; the second on receipt of a report of the scholar's satisfactory progress in his studies or research, but not earlier than four months after the date of payment of the first instalment; and the third when the scholar has submitted a satisfactory report as required under Clause 7.

10. The scholarship shall not be awarded to the same person more than once.

11. If, in the opinion of the Faculties of Science and of Engineering, no candidate is of sufficient merit, the scholarship for that year shall lapse, and an additional scholarship may be awarded in a subsequent year in which there are two or more candidates of sufficient merit.

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

Allowed 9th August, 1945.

Chapter LXVI.—Of Aquinas College, Incorporated.

Whereas a residential college in connection with the Roman Catholic Church for students of the University to be known as Aquinas College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University of Adelaide, it is hereby provided that:

Aquinas College, Incorporated, shall be affiliated to the University of Adelaide as a residential college in connection with the Roman Catholic Church for students of the University, provided that the College shall not be open for residence of students until such time as the Council of the University shall approve.

Allowed 23rd January, 1947.

Chapter LXVII.—Of The Angas Parsons Prize.

Whereas the late the Honourable Sir Herbert Angas Parsons, K.B.E., LL.B., from 1921 until his retirement in 1945 one of His Majesty's Judges of the Supreme Court of South Australia, a graduate of the University, a member of the Council from 1915, Warden of the Senate from 1927 and Vice-Chancellor from 1942 until his death in 1945, has bequeathed to the University the sum of £1,000†:

It is hereby provided as follows:

1. In commemoration of Sir Angas Parsons' services to the University, and in order to encourage the advanced study of Law, there shall be a prize to be called The Angas Parsons Prize.

2. The prize shall be of the value of £50, and shall be available for award annually.

*3. Provided that, in the opinion of the examiners, there is a candidate of sufficient merit, the Prize shall be awarded to the candidate who is considered by the examiners to be the most meritorious of those qualifying for the Honours Degree of Bachelor of Laws.

† Reduced by succession duty to £900.

* Amendment allowed 22nd December, 1955.

Allowed 10th July, 1947.

Chapter LXVIII.—Of The Lucy Josephine Bagot Prize.

Whereas the University has received from Walter Hervey Bagot the sum of five hundred pounds (£500) for the purpose of founding, in memory of his late mother, a Prize for Operatic Singing: It is hereby provided that:

1. There shall be an annual prize to be called The Lucy Josephine Bagot Prize.

2. The prize shall consist of the sum of fifteen pounds (£15) and shall be awarded to the student of the Elder Conservatorium who shows the greatest ability in the performance of an approved Operatic Aria, together with a general knowledge of the work from which the Aria is derived.

3. The examiners shall consist of the Director of the Elder Conservatorium and two others to be appointed by the Faculty of Music.

4. If the examiners do not consider any candidate worthy of the award the prize shall lapse for that year, but in such event an additional prize may be awarded in a subsequent year.

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

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

Allowed 10th July, 1947.

Chapter LXIX.—Of the Selborne Moutray Russell Scholarships.

Whereas the sisters of the late Selborne Moutray Russell have paid to the University the sum of £1,000 for the purpose of providing in his memory scholarships tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be two scholarships, to be known as the Selborne Moutray Russell Scholarships, tenable at the Elder Conservatorium of Music.

2. One scholarship shall be awarded to a male singer; the other shall be awarded to the player of an orchestral instrument approved by the Director of the Elder Conservatorium.

*3. The annual value of each scholarship shall be £16/16/0 and shall be applied towards tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

4. Subject to the provisions of Clause 8, each scholarship shall be tenable for three years.

5. A candidate for a scholarship shall (a) be a British subject; (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize tenable for three years at the Elder Conservatorium shall be eligible to compete for a Selborne Moutray Russell scholarship in the same subject.

†5A. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

6. Every candidate shall pay an examination fee of one guinea‡ and shall undergo such examination as the Council may direct.

*7. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in the subject for which the scholarship would have been awarded.

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

†8A. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

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

* Allowed 25th August, 1955.

† Allowed 16th December, 1948.

‡ Allowed 18th October, 1956.

Allowed 11th December, 1947.

Chapter LXX.—Of The Varley Scholarship.

Whereas John Varley has paid to the University the sum of £1,000 for the purpose of providing a scholarship tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be a scholarship to be known as The Varley Scholarship tenable at the Elder Conservatorium of Music.

2. Subject to the provisions of Clause 8, the scholarship shall be awarded to a player of the Viola.

*3. The annual value of the scholarship shall be £33/12/0 and shall be applied towards the payment of fees for one hour's tuition a week in the playing of the viola and tuition in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between the value of the scholarship and the fees for tuition approved by the Director of the Elder Conservatorium.

4. Subject to the provisions of Clause 9, the scholarship shall be tenable for three years.

5. A candidate for a scholarship shall (a) be a British subject; (b) have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize tenable for three years at the Elder Conservatorium shall be eligible to compete for a Varley scholarship in the same subject.

6. Every candidate shall pay an examination fee of one guinea† and shall undergo such examination as the Council may direct.

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

8. If, in the opinion of the examiners, no candidate in Viola at an examination for the scholarship shows sufficient merit, the scholarship shall lapse for the period of one year, and for that year two exhibitions, each of half the value of the scholarship, may be awarded to players of the Violin, the Violoncello, or the Double Bass.

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

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

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

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

Allowed 16th December, 1948.

Chapter LXXI.—Of the Anders and Reimers Scholarships.

Whereas the late Julie Sack has bequeathed to the University the sum of £734 for the purpose of providing two scholarships in memory of her husband and parents tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be two scholarships, one to be known as The Franz and Catherine Anders Scholarship, and the other to be known as The Gustav Reimers Scholarship, each tenable at the Elder Conservatorium of Music.

2. The Franz and Catherine Anders Scholarship shall be awarded to a player of the Double Bass and the Gustav Reimers Scholarship to a player of the Violoncello.

3. The value of each scholarship shall be £10 10s. a year, payable in equal instalments at the beginning of each Conservatorium term.

4. Each scholarship shall normally be tenable for three years.

5. A candidate for either scholarship shall (a) be a British subject; (b) have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

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

6. Every candidate shall pay an examination fee of one guinea† and shall undergo such examination as the Council may direct.

*7. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in string playing.

8. Except by special permission of the Director of the Elder Conservatorium, the holder of either scholarship shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course, he shall be

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

‡ Amended 15th January, 1959.

required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

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

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

Allowed 16th December, 1948.

Chapter LXXII.—Of The Sir Archibald Strong Memorial Prize for Literature.

Whereas the University has received from the Misses Ruth and Alfreda Bedford on behalf of their sister, the late Sylvia Bedford, the sum of £500 for the purpose of founding with the income thereof an annual prize for literary work in memory of the late Sir Archibald Strong, formerly the Jury Professor of English Language and Literature in this University, it is hereby provided as follows:

1. A prize of the value of £15 or such other sum as the Council shall from time to time determine to be called The Sir Archibald Strong Memorial Prize for Literature shall be offered for competition annually.

2. All matriculated or graduate students taking the course in English II in any year shall be eligible to compete for the prize in that year.

3. Provided that there is a candidate of sufficient merit the prize shall be awarded after consideration of each candidate's work, including the final examinations, in English II and of an original essay or poem submitted by him not later than November 20 in the year concerned; the subject of such original essay or poem to have been approved in advance by the Jury Professor of English Language and Literature and the essay or poem not to comprise part of the candidate's prescribed curriculum for the course in English II.

Allowed 22nd December, 1955.

Chapter LXXIII.—Of the J. E. Jenkins Scholarships.

Whereas the late John Evan Jenkins has bequeathed to the University a portion of his estate for the purpose of founding a scholarship or scholarships in the University of Adelaide, preferably in the agricultural, domestic and social sciences to promote the common benefit of the metropolitan and rural sections of the community, it is hereby provided that:

1. There shall be two scholarships, to be known as the J. E. Jenkins Scholarships, each of such annual value as the Council shall determine from time to time.

2. One such scholarship shall be tenable by a man and the other by a woman in accordance with the provisions of this Statute.

*2A. Awards shall be made by the Council on the recommendation of a Committee appointed by the Council from time to time; and in recommending awards the Committee shall take into consideration, in addition to the academic records of the candidates, such other qualities and qualifications of candidates as it may deem appropriate to the general purposes of the scholarships as set out and expressed in the testator's memorandum dated June 3, 1941.

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

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

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

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

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

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

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

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

* Allowed 15th January, 1959.

Allowed 16th December, 1948.

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

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

1. There shall be a scholarship for violin playing to be called The

Gladys Lloyd Thomas Scholarship which shall be tenable at the Elder Conservatorium of Music.

*2. The annual value of the scholarship shall be £16/16/0 and shall be applied towards the payment of fees for tuition in violin playing as a principal subject and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of clause 8, the scholarship shall be tenable for three years, but the Council shall on the recommendation of the Director of the Conservatorium have power to extend the period of tenure.

4. A candidate for the scholarship shall:—

- (a) be a British subject;
- (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;
- (c) be not more than 21 years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize in violin playing tenable for three years or more at the Elder Conservatorium shall be eligible to compete, but this clause shall not render a holder ineligible for an extension of tenure.

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

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

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

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

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

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

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

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

Allowed 8th December, 1949.

Chapter LXXV.—Of the E. Harold Davies Scholarship for Organ.

Whereas the sum of £400,* raised by private subscription, has been paid to the University for the purpose of founding a scholarship to commemorate the work of E. Harold Davies, Mus.Doc., F.R.C.M., one-time Elder Professor of Music and Director of the Elder Conservatorium of Music, it is hereby provided that:—

1. There shall be a scholarship for organ playing to be called the E. Harold Davies Scholarship for Organ which shall be tenable at the Elder Conservatorium of Music.

†2. The annual value of the scholarship shall be £16/16/0 and shall be applied towards the payment of fees for organ playing as a principal subject and for such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of clause 8, the scholarship shall be tenable for three years.

4. A candidate for the scholarship shall:—

- (a) be a British subject;
- (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;
- (c) be not more than 21 years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize in organ playing tenable for three years at the Elder Conservatorium shall be eligible to compete.

5. Every candidate shall pay an examination fee of one guinea‡, and shall undergo such examination as the Council may direct.

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

* Subsequently increased to £500.

‡ Allowed 25th August, 1955.

‡ Allowed 18th October, 1956.

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the diploma of Associate in Music or the course for the degree of Bachelor of Music.

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

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

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

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

Allowed 8th December, 1949.

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 1893 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 Sir Tom Elder Barr Smith has given to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith, Esquire:

Now it is hereby provided as follows:

1. The fund shall be called The Barr Smith Memorial Fund.
2. The object of the Fund shall be to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain by the maintenance of a Scholarship called the Barr Smith Travelling Scholarship in Agriculture.
3. The moneys constituting the Fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine and the income from such investments shall be used for the purposes of the Scholarship. During any vacancy in the Scholarship the income shall be accumulated and invested as aforesaid, with power to the Council to resort to such accumulations for the purpose of increasing the emoluments of the Scholarship in such manner as the Council in its discretion shall deem fit.

4. The Scholarship shall be tenable at Cambridge University and therefore the Scholar, before being confirmed in the Scholarship, must be accepted for admission by a College, and by the Board of Research Studies also if he is to be a Research Student.

5. The Scholar shall pursue either as an undergraduate or as a post-graduate student a course of study approved by the Electors in a subject or subjects connected with theory and practice of Animal Husbandry (preferably) or Agriculture or cognate to the Wool and Pastoral Industries.

6. The Electors shall consist of the Chancellor, the Vice-Chancellor, two members appointed by the Council and two members appointed by each of the Faculties of Science and of Agricultural Science.

7. The Scholarship shall be tenable for two years in the first instance and, upon application, may be extended for a third year and a fourth year if the Scholar has worked to the satisfaction of the Electors.

8. The Scholarship may not be held with any other scholarship or studentship which in the opinion of the Electors involves obligations inconsistent with those arising under this Statute. During his tenure the Scholar shall devote himself wholly to study or research and shall not systematically follow any business or profession or engage in any educational or other work which in the opinion of the Electors is inconsistent with the purpose for which the Scholarship is awarded.

9. The Scholarship shall be open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election, provided that, if there be no suitable candidate from the University of Adelaide, the Electors may invite applications from graduates and undergraduates of other Australian Universities subject to the same age limit.

10. If at any time it appears to the Electors that, through illness or lack of diligence or for any other reason deemed adequate by the Electors, the Scholar is not fulfilling and is not likely to fulfil the objects of the Scholarship the Electors may terminate his tenure of the Scholarship.

11. The nomination and election of a Scholar shall be made so that a newly-elected Scholar may enter upon his Scholarship when the previous Scholarship terminates or as soon as practicable thereafter.

12. The emolument of the Scholar shall be £750 per annum payable in quarterly instalments in advance.

13. This statute may be varied from time to time, provided that any such variations shall not make the Scholarship tenable otherwise than at Cambridge University nor alter the general object of the Fund as set out in Clause 2 above.

Allowed 25th August, 1955.

Chapter LXXXI.—Of the Kenneth and Hazel Milne Travelling Scholarship in Architecture.

Whereas Mr. F. Kenneth Milne has given the sum of £5,000 to establish a postgraduate travelling scholarship in Architecture, it is hereby provided as follows:

1. The scholarship shall be known as "The Kenneth and Hazel Milne Travelling Scholarship in Architecture".

2. The value of the scholarship shall be £A600; and the scholarship shall be offered for competition from time to time as the accumulated net income from the fund becomes sufficient to enable another award to be made.

3. A candidate for the scholarship shall be a graduate in Architecture of the University of Adelaide of not more than five years' standing by the closing date for applications.

4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Architecture and Town Planning, and in making its recommendations the Faculty shall take into consideration:

- (a) the academic records of candidates, with particular emphasis on the merits of the candidates' theses;
- (b) qualities of character; and
- (c) the likelihood of each candidate's taking an important part in the future of architecture in South Australia.

5. The selected candidate shall submit an itinerary and details of proposed study abroad for approval by the Faculty of Architecture and Town Planning; and confirmation of the award shall be subject to the Faculty's approval.

6. The value of the scholarship shall be paid in three instalments as follows:

- (a) one-third before departure from South Australia;
- (b) one-third on approval by the Faculty of a report from the scholar on the work that he had carried out during his first six months abroad; and
- (c) one-third on approval by the Faculty of a further report on the work that he had carried out during his second six months abroad.

7. The scholar will be expected to return to South Australia not earlier than two years and not later than five years after his departure under the scholarship; and he will be expected to practise the profession of architecture in South Australia for not less than three years after his return.

8. On his return to South Australia the scholar shall, if the University so desires, give one public address relating to the subject of his study, and shall make himself available to the University, if the University so desires, to give a short series of lectures or seminars or both in the Faculty of Architecture and Town Planning.

9. The scholar may undertake paid employment during the tenure of the scholarship provided that such employment is approved by the Faculty of Architecture and Town Planning as appropriate to the general purpose of the scholarship.

10. The monies constituting the fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine.

Allowed 15th January, 1959.

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 1960

PART II.

	Page
The Elder Conservatorium of Music - - - - -	257
The Waite Agricultural Research Institute - - - - -	274
The Anti-Cancer Campaign Committee - - - - -	275
Resolutions Concerning the Commemoration of University Alumni - - - - -	276
Residential Colleges - - - - -	277
Affiliation to the Universities of Cambridge and Oxford - -	280
Recognition of the University by Other Institutions - - -	282
The Joseph Fisher Lecture in Commerce - - - - -	283
The Australian Association of Accountants Lecture in Account- ancy - - - - -	284
The Robin Memorial Lecture - - - - -	285
Adult Education Classes - - - - -	286
Summer School of Business Administration - - - - -	287
Evening Lectures - - - - -	287
Scholarships, Grants, Exhibitions and Prizes - - - - -	288
Societies Associated with the University - - - - -	352
Public Examinations in Music - - - - -	364

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 January, 1953.

‡ Allowed 22nd December, 1955.

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, 1938.

§ 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 1957—

Siggs, Meredith Lillian (Violin).
Petchell, Brian Mark (Organ).
Smith, David Aitchison (Pianoforte).

Awarded for 1958—

Gurner, Ruth Eleanor (Singing).

Awarded for 1959—

Finnis, Catherine M. (Violoncello).

Awarded for 1960—

Adamek, Vladimir (Pianoforte).
Smith, Ivan J. (Violin).
Tobin, Ashleigh H. (Organ).
(Exhibition in lieu of scholarship.)
Finnis, Catherine M. (Violoncello).

ELDER CONSERVATORIUM FREE SCHOLARSHIP RULES

1. There shall be an annual scholarship to be called The Elder Conservatorium Free Scholarship which shall exempt the holder from payment during the tenure thereof of any fees for tuition or examination in not more than one principal subject in the Elder Conservatorium. The tenure of the scholarship shall be for one year.

2. The scholarship shall be awarded to such one of the students of the Elder Conservatorium as the Chancellor shall select from among those who, having for at least one academical year studied music in the Conservatorium, shall within one week after the end of that year be severally recommended in writing to him by their respective teachers for exceptional merit shown during that year in their respective courses of study. The Chancellor shall satisfy himself that each student whom he selects is a person of limited means. If on the expiration of such week the office of Chancellor shall be vacant, or the Chancellor shall be absent from South Australia, the Vice-Chancellor shall act in his stead.

3. Immediately after the end of each term during the tenure of the scholarship, the teacher of each scholar shall present to the Council a report as to the scholar's progress in musical studies and diligence; and the Council, whenever dissatisfied with any report, may, after or without inquiry, suspend temporarily or take away the scholarship, or admonish the scholar. Whenever a scholarship shall during any academical year become for any cause vacant, the vacancy shall not be filled during that year.

4. The scholarship shall not be awarded oftener than once to any student.

5. The Council may rescind or vary these Rules, but no rescission or material variation shall apply to any scholar during tenure of the scholarship or (if made after the commencement of an academical year) to any student who, but for such rescission or variation, would have been entitled to compete during that year for the scholarship.

THE ALEXANDER CLARK MEMORIAL PRIZE

This prize was founded 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 215.

Awards.

For previous awards, see Calendars from 1934.

Awarded for 1951—

Partridge, Geoffrey Thomas (Pianoforte).

Awarded for 1955—

Taverner, Margaret (Pianoforte).

Awarded for 1958—

Kneebone, Barbara Frances (Singing).

Awarded for 1959—

Hutchesson, Margaret J. (Pianoforte).

THE EUGENE ALDERMAN SCHOLARSHIPS

These scholarships were founded in memory of Eugene Alderman. For conditions, see Chapter XLI of the Statutes, page 219.

Awards.

For previous awards, see Calendars from 1924.

Awarded for 1955—

Cann, Melvyn (Violin).

Awarded for 1957—

Macpherson, Margaret Webster (Singing).

Awarded for 1958—

Grange, Marilyn Lyle (Violin).

Awarded for 1959—

Lasscock, Janet (Singing).

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 235.

Awards.

For previous awards, see Calendars from 1954.

Awarded for 1955—

Rodger, Trevor (Singing).

Awarded for 1956—

Best, Michael Robert (Oboe).

Awarded for 1958—

Hodge, Warren David Payne (Singing).

Awarded for 1959—

Radford, Geoffrey P. (Bassoon).

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 235.

Awards.

For previous awards, see Calendars from 1954.

1956—Rodger, Trevor Stuart.

1958—Davies, Jean M.

1957—Hatcher, Ralph Kelvin.

1959—Annear, Gwentyth.

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 237.

Awards.

For previous awards, see Calendars from 1958.

1950—

1959—

Ridgway, Athol John

Rozelaar, Amanda M.

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 LXXI, page 238.

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 1955—McDonald, Harry
Roy.

For 1957—Robjohns, Gwenyth.

For 1959—

(Exhibition in lieu of
scholarship)

Rozelaar, Amanda M.

THE ROBERT WHINHAM PRIZE FOR ELOCUTION

Whereas the Trustees of the late Robert Whinham have given the sum of £84 9s. 6d. for the purpose of providing a yearly Prize in Elocution, to be called after the late Robert Whinham, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these rules: It is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

1. The prize shall be called The Robert Whinham Prize.

2. The prize shall be of the annual value of £5, and shall be offered at a special examination in the third term of each year.

3. Only students who shall have attended the Elocution Class for at least three terms (not necessarily consecutive, but including the term in which the examination is held) shall be eligible to compete.

4. The prize shall be awarded to the student who obtains the highest marks, provided the Council are satisfied that such student is worthy to receive it, or, at the option of the examiner, it may be divided equally between the best man and the best woman student, provided the Council are satisfied that each such student is worthy to receive it.

5. Candidates shall be examined in the following subjects:—(a) Reciting; (b) Reading at sight; (c) Prepared reading or Prepared speaking (at the option of the candidate).

6. These rules may be varied from time to time by the Council.

Made by Council, 30th October, 1914.

Awards.

For previous awards, see Calendars from 1911.

1954—Liston, Janet Elaine.

1955—Dillon, Judith Lynette

1956—Mackie, Georgina.

1957—Brown, Patricia Lorraine.

1958—Graham, Meredith M.

1959—Annear, Gwenyth.

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 240.

Awards.

For 1945— Sawtell, Dorothy H.	For 1954— Lawton, John W. M.
For 1948— Whitford, Pauline M. C.	For 1957— Levy, Juliette I. H.
For 1951— Perry, John W. J.	For 1960— Simpson, Anne.

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 242.

Awards.

For 1951— Thiele, James.	For 1959— (Exhibition in lieu of scholarship)
For 1954— No award.	Krieg, Lesley R.
For 1955— von Einem, Lyal Bernard	For 1960— Smith, David A.
For 1958— (Exhibition in lieu of scholarship)	
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 1s. 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 1955—

Smith, David.

For 1956—

Marshall, Robert J.

For 1957—

Heck, Judith A.
(Pianoforte).

For 1958—

Chapman, John P.
(Pianoforte).

For 1959—

Godfrey, Shirley T.
(Pianoforte).

For 1960—

Leyland, Coralie E.

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 ls. and shall undergo such examination as the Council may direct.

7. The Scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination.

8. If in the opinion of the examiners in any year there is no candidate of sufficient merit, no award shall be made and the moneys which would have been paid had the Scholarship been awarded shall be added to the value of the Scholarship on the next occasion on which an award is made.

9. These Rules may be varied from time to time but the title and general purposes of the endowment shall not be changed.

Awards.

For previous awards, see Calendars from 1956.

For 1957—

Daviess, Jean Marcia.

For 1958—

Annear, Gwenyth.

For 1959—

Lasscock, Janet.

For 1960—

Woore, Christine H.

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 245.

Awards.

For previous award, see Calendar for 1958.

For 1956—

Hearne, Janice Lesley.

For 1959—

Annear, Gwenyth.

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 ls. shall be paid by each candidate.
5. If there is no candidate, or no candidate of sufficient merit, for any scholarship the scholarship shall be left vacant until such time, and shall be filled in such manner, as the Council shall decide.
6. A scholarship shall be tenable in the first instance for one year. It shall then be re-offered for competition and the holder shall be

eligible for re-appointment to the scholarship for a second year. No scholarship shall be awarded to the same candidate for more than two years.

7. A scholarship shall entitle the holder to free tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Conservatorium.

8. A scholarship may be terminated by the Council at any time if in the opinion of the Council the scholar is not making sufficient progress, or for any other reason deemed sufficient by the Council.

Awards.

For previous awards, see Calendars since 1941.

For 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).

For 1959—

Quick, Alison R. (Flute).
 Radford, Geoffrey P. (Bassoon).

For 1960—

Neil, Maximillian A. (Bassoon).
 Quick, Alison R. (Flute).
 Wesley Smith, J. Jeremy (French Horn).

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. 267) is used to supplement the living allowance of the scholar.

The scholarship is offered for competition every three or four years, the scholar being chosen on the results of a special examination.

Awards.

For previous awards, see Calendar for 1958.

1946—Govenlock, James.	1954—Schramm, Kathryn.
1951—Fearn, Peggy.	1957—Stubbs, Ruth M.

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 ls., 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.

Award.

1959—Gunning, Shelley S.

THE LIENAU SCHOLARSHIP RULES.

Whereas Christian Hans Augustus Lienau has bequeathed to the University the sum of £500 for the purpose of providing a scholarship tenable at the Elder Conservatorium of Music, it is hereby provided as follows:—

1. There shall be a scholarship to be known as the Lienau Scholarship tenable at the Elder Conservatorium of Music.

2. Subject to the provisions of Clause 7, the scholarship shall be awarded to a Tenor.

3. The scholarship shall be tenable for one year and shall be awarded every alternate year subject to Clause 7. Its value shall be £40, and shall be applied by a student of the Tenor Voice towards the payment of fees for studies in Singing and such secondary subjects as may be approved by the Director of the Elder Conservatorium.

4. A candidate for the scholarship shall be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

5. Every candidate for the scholarship shall pay an examination fee of one guinea and shall undergo such examination as the Council may direct.

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

7. If in the opinion of the examiners no candidate at an examination for the scholarship shows sufficient merit the scholarship shall lapse for one year after which it shall be offered again. If a scholarship so lapses, the Council on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year to the value of £20 to a student of the Elder Conservatorium of outstanding merit in singing.

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

9. Allowing for the conditions of the award of an Exhibition under Clause 7, the scholarship shall be offered for competition only when the value of it has reached the sum of £40.

Award.

1960—Edwards, Warren B.

THE CLEMENT Q. WILLIAMS PRIZE RULES

Whereas the sum of £500 has been raised by a Committee of former students of Clement Q. Williams, Teacher of Singing in the Elder Conservatorium of Music from 1948 to 1957, and paid to the University for the purpose of founding an annual prize to commemorate his work, it is hereby provided as follows:

1. A prize, to be known as the Clement Q. Williams Prize, shall be offered for competition annually.

2. The first competition for the Prize shall be held in May, 1959. On that occasion, to be eligible to compete for the Prize, a candidate must have been enrolled as a student of the Elder Conservatorium for the first term of 1959. For all competitions after the first a candidate must have been enrolled as a student of the Elder Conservatorium for the two terms preceding the competition. There is no age limit or restriction of nationality for competitors.

3. The Prize shall consist of the sum of £15 and, subject to Rules 6 and 7, shall be awarded to the candidate who shows the greatest ability and understanding in the performance of an approved programme of German Lieder.

4. The candidate shall enter for examination on the prescribed form by a date fixed each year, the entry fee being £1 Is. and each candidate shall submit with his entry, for approval by the Director of the Elder Conservatorium, a programme requiring about fifteen minutes to perform.

5. The examiners shall be the Director of the Elder Conservatorium of Music, and two others to be appointed by the Faculty of Music.

6. If the examiners do not consider any candidate worthy of the award the Prize shall lapse for that year, but in such an event an additional Prize may be awarded in a subsequent year.

7. The Prize shall not be awarded twice to the same student.

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

Award.

1959—Hearne, Janice.

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 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 biometry.

For the staff of the Institute, see page 59.

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. As demands on the Radiotherapy Department grew, the Committee's expenditure on the Department also increased until the Committee was responsible for four salaried medical officers and four physicists employed there. It was then agreed with the Hospital Board that the Committee should be financially responsible for the research activities of the Radiotherapy Department, and the Board for the routine treatment of patients; as a result three of the Committee's medical officers were transferred to the Public Service.

ADMINISTRATION: The General Committee which decides matters of major policy consists of about 50 members who represent a wide cross-section of the community. It works through 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 third was used to pay for a very high-voltage X-ray machine now 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, the State Government gave £16,000 towards the purchase of the supervoltage plant, and met the large expense of housing the plant at the Royal Adelaide Hospital.

RESEARCH: At the beginning, with its limited funds and facilities, the Committee decided to support clinical research as likely to 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. The Committee has also, from its beginning, enabled its physicists to give much of their time to fundamental research, some of which has been of considerable value to radiotherapy, and has paid for its publication.

It has also subsidised particular projects in the Institute of Medical and Veterinary Science, and in recent years in the Departments of Organic Chemistry, Physical and Inorganic Chemistry, and Agricultural Chemistry in the University.

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 the fields, the Committee has, wholly or in part, paid for overseas study tours by a pathologist and two physicists. It also supports the attendance of members of its staff at approved scientific conferences in Australia. From time to time it sends memoranda on various aspects of the cancer problem to medical practitioners in South Australia, and it conducted limited public education campaigns 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 Ter-

race, 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 66 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. Miss Jean Gilmore, LL.B., is Chairman of the Council, Mr. R. A. Simpson Chairman of the Finance Committee, and Mrs. W. H. Lewis, B.A., 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, Sir Collier Cudmore's home, 24 Palmer Place, was purchased and altered to provide a new kitchen, scullery, dining hall, chapel, common room and maids' quarters. A new block of 27 bed-study rooms was occupied at the beginning of Term in 1960; and in January, 1960, a contract was let to build a central block connecting the new wing with the old. With completion of the central block in July, 1960, the College will have accommodation for 90 students.

With the approval of the University Council, the College was opened in 1950, 20 students being accepted in that year. On Sunday, September 30, 1951, the Formal Opening was performed by the Chancellor of the University, the Hon. Sir John Mellis Napier, K.C.M.G., LL.B.

The College is governed by a Council nominated by the Archbishop of Adelaide. The Most Rev. M. Beovich, D.D., Ph.D., is President of the Council, and the Most Rev. B. Gallagher, Ph.D., Bishop of Port Pirie, is Vice-President.

Applications for admission are made to the Rector and must be accompanied by satisfactory evidence of good character. Every student of the College signs the following declaration:

"I hereby promise to obey honourably the regulations of the College, to submit to its discipline, and to do all I can to uphold the honour of the College."

Tutorial classes and individual tuition are given in the College with the special object of assisting students in their University work. Non-resident students, men and women, are admitted to all College classes.

Students of the College enjoy the advantage of residence close to the University, corporate life, instruction in the doctrine and discipline of the Church, and tuition supplementary to University lectures. No student can be admitted to the College unless he has matriculated in the University, or proposes to matriculate within six months of his entry; and no student can remain a member of the College unless the College authorities are satisfied with his conduct and diligence.

The Rector is the Very Rev. Father Michael Scott, S.J., M.Sc., and the Dean is the Rev. Thomas Daly, S.J., B.Eng.Sc.

LINCOLN COLLEGE

Lincoln College was established by the South Australian Conference of the Methodist Church of Australasia for students attending the University of Adelaide. For this purpose the residence of the late George Milne, Esq., in Brougham Place, North Adelaide, was purchased in 1951.

The College was incorporated in November, 1951, and the University granted affiliation in the following month. With the permission of the University Council, the College opened in March, 1952, with an enrolment of twenty-two students. A month later a neighbouring property on Brougham Place was acquired.

In addition to an initial gift of £10,000 by the Methodist Church, £35,000 was raised by public subscription for the foundation of the College.

Generous grants from the Commonwealth and State Governments and a ready response to the Joint Colleges' Appeal provided a further £44,000 towards the erection of a new residential block in 1959-60, and the College now accommodates just over 100 students.

The College is governed by a Council appointed by the Methodist Conference, to which the University Council appoints two representatives. The Chairman of the Council is the Rev. E. T. Pryor.

There is no credal condition for membership of the College. Applications for admission are made to the Master, and must be accompanied by satisfactory evidence of good character. College tutorial classes are arranged, and students are assisted in their University work. College classes are also open to non-resident students.

The College is situated within easy walking distance of the University, and the Students' Club organises the activities of the Junior Common Room.

The Master is the Rev. Frank Hambly, M.A., B.D.

AFFILIATION TO THE UNIVERSITIES OF CAMBRIDGE AND OXFORD

UNIVERSITY OF CAMBRIDGE

Previous Examination.

The Previous examination of the University of Cambridge consists of three parts: Part I—Languages other than English (of which either Latin or Greek is compulsory); Part II—Mathematics and Science; Part III—English subjects.

A student who has passed the Matriculation Examination of the University of Adelaide may be exempted from the whole or part of the Previous Examination, according to the subjects in which he has passed at Leaving standard.

Degree Status.

The University of Adelaide is an Associated Institution in relation to the University of Cambridge, and graduates of Adelaide, who have been members of the University for three years at least, are entitled to the privileges of affiliation, including exemption from the Previous Examination, the right to reckon the first term of residence at Cambridge as the second, third, or fourth and other privileges depending upon the particular course of study which it is proposed to pursue at Cambridge.

Further particulars regarding these privileges may be obtained from the Registrar, University of Adelaide. D.55/33.

UNIVERSITY OF OXFORD.

Responsions.

A person who has passed the Leaving Examination conducted by the University of Adelaide may be exempted from Responsions (Matriculation Examination) in the University of Oxford, provided that he has passed in two of the following languages, of which Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

Junior and Senior Status.

1. Any student of the University of Adelaide who has pursued at the University a course of study prescribed by it and extending over at least two years may be admitted to the status and privileges of a Junior Student in the University of Oxford; provided that his course of study and the standard attained by him in any examinations proper to such a course are approved by the Hebdomadal Council. No course will be approved for this purpose which does not include the study of two of the following languages, of which either Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

2. Any person who has obtained at the University of Adelaide a degree approved by the Hebdomadal Council may be admitted to the status and privileges of a Senior Student; provided that he has pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and other approved University or Universities, a course of study extending over at least three years.

(Note.—The Adelaide degrees, which have been approved by the Hebdomadal Council in this connexion are those of B.A., M.A., B.Ec., B.Sc., B.Ag.Sc., B.E., M.B., and LL.B.).

3. A medical student of the University of Adelaide may be admitted to the status and privileges of a Senior Student; provided that he has pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and

other approved University or Universities, for at least three years a course of study leading to a degree in Medicine and has passed all examinations incidental to that portion of the course.

Particulars of the privileges of Junior and Senior Students may be obtained from the Registrar, University of Adelaide. D.55/33.

RECOGNITION OF THE UNIVERSITY BY TRINITY COLLEGE, DUBLIN

ARTS

Any student of this University producing the proper certificates that he has passed two years in Arts studies or has passed the examinations belonging to that period, will be entitled to put his name on the books of Trinity College, Dublin, as a Senior Freshman—a student with one year's credit; with this reservation, that if the Course of Arts which he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by examination in the omitted subject, or subjects, within one month after his name has been entered on the books.

MEDICINE

The Board of Trinity College, Dublin, has also passed the following resolution concerning medical studies:—

“That in Medical Schools recognized by the University of Dublin, two consecutive *anni medici*, taken at any period during the four years of the medical curriculum, be recognized as qualifying for admission to the examinations of the School of Physic.”

RECOGNITION BY THE ROYAL INSTITUTE OF CHEMISTRY

The Royal Institute of Chemistry has placed the University on the list of Institutions recognised for the training of candidates for the examinations of the Institute. Candidates for the associateship, who hold an Honours degree in Chemistry of the University, may apply under regulation 9 (3) for exemption from the examination.

THE AUSTRALIAN SOCIETY OF ACCOUNTANTS

The Australian Society of Accountants will grant exemption from all the examinations of the Society to Bachelors of Economics of the University of Adelaide who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law A, Commercial Law B, Economics I and Economic Statistics I. Applications for such exemption should be made to the State Registrar of the Society, from whom further information may be obtained.

ASSOCIATION OF UNIVERSITIES OF THE BRITISH COMMONWEALTH

The University is a member of the Association of Universities of the British Commonwealth, which publishes the *Universities 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.

INTERNATIONAL ASSOCIATION OF UNIVERSITIES

The University is a member of the International Association of Universities, which was founded in 1950. One of its aims is "to promote academic co-operation at the practical level and in this way to provide useful services to University institutions throughout the world. . . ." The Association publishes the *International Handbook of Universities* which provides information on nearly 450 University institutions in 70 countries, as well as brief entries for over 1,000 other higher educational institutions. The *Handbook* may be consulted in the University Library, and copies may be obtained from the Secretary-General of the Association, 2 Place de Fontenoy, Paris VII, France.

THE INSTITUTE OF CHARTERED ACCOUNTANTS IN AUSTRALIA

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

THE JOSEPH FISHER LECTURE IN COMMERCE

The undermentioned Lectures have been delivered at the University in accordance with the provisions of Chapter XXVIII of the Statutes (see page 207). A list of the Lectures delivered between 1904 and 1928, inclusive, can be found in University Calendars prior to 1959:—

- 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 I. F. Giblin, D.S.O., M.C., M.A.

- *1938—"Australian Economic Progress against a World Background," by Colin Clark, Esq., M.A.
 - *1940—"Economic Co-ordination," by Roland Wilson, Esq., B.Com., D.Phil., Ph.D.
 - *1942—"The Australian Economy during War," by the Right Hon. R. G. Menzies, K.C., LL.M., M.P.
 - *1944—"Problems of a High Employment Economy," by H. C. Coombs, Esq., Ph.D.
 - *1946—"Necessary Principles for Satisfactory Agricultural Development in Australia," by Professor S. M. Wadham, M.A.
 - *1948—"The Importance of the Iron and Steel Industry to Australia," by Essington Lewis, Esq., C.H.
 - *1950—"The Economic Consequences of Scientific Research," by Professor J. B. Condliffe, M.A., D.Sc.
 - *1952—"Australian Agricultural Policy," by J. G. Crawford, Esq., M.Ec.
 - *1954—"Economics of Federal-State Finance," by Professor W. Prest, M.A., M.Com.
 - *1956—"Japan and the General Agreement on Tariffs and Trade," by Professor J. E. Meade, C.B., M.A., F.B.A.
 - *1958—"National Superannuation—Means test or contributions," by Professor R. I. Downing, B.A., Dip.Ec.
- *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. Green-

wood, LL.B., F.I.C.A.

1953—"Dilemmas and Challenges in Modern Accounting," by Pro-

fessor 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.

1958—"The Province of Accounting," by Professor Louis Goldberg,

B.A., M.Com., F.A.S.A.

1959—"The Developing Role of the Accountant in Management,"

by Professor E. B. Smyth, F.A.S.A.

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. In 1958 the administration of classes was made the responsibility of the Adult Education Board set up by the Council of the University. A tutorial class covers a three years' period of study, with 20 to 30 meetings in each year, each meeting consisting of an hour's lecture followed by questions and discussion. Students are expected to do written work prescribed by the tutor and to give an assurance of regular attendance.

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

The University provides a library for students of these classes. Students pay a fee of £2 for a class of 20 meetings, and *pro rata* for longer courses.

Syllabuses and further information about University extra-mural work may be obtained on application to the Director of Adult Education, The University, Adelaide, or to the General Secretary of the Workers' Educational Association, The University, Adelaide.

SUMMER SCHOOL OF BUSINESS ADMINISTRATION

Since 1956 the Faculty of Economics, in co-operation with other departments of the University, has organised an annual one-day Summer School of Business Administration. The School is intended primarily for senior executives in the professions and business, and takes the form of a number of papers presented by University and visiting lecturers, followed by general discussion.

The proceedings of the School are subsequently published, and the following booklets (the titles of which indicate the themes of the Schools) may be obtained free of charge on application to the Registrar:

- 1956 Business and Society.
- 1957 Electronics and Automation.
- 1958 Business and Economic Policy.
- 1959 Australian Development.
- 1960 Banking and Business.

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 1960, provided that sufficient students enrol for each class: Biology, Chemistry I, Comparative Philology, Social Economics, Economics I and III, Economic Development I, Education, English I and III, French I, Geology I, Geography I, II and III, German II, History IA, IIB, IIIA and IIIB, Hygiene, Latin I, General Mathematics, Philosophy I, General Physics or Physics I, Politics I, IIB and IIIA, Psychology IA, I, IIB and IIIA, Management Accounting, Commercial Law A and B.

2. The Education Department has established studentships for the encouragement of such students (for details, see Evening Studentships, page 344.

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.

- | | | | |
|-----------|-----------------------------------|------|------------------------|
| 1946 | Hubbard, Margaret Eileen,
B.A. | 1958 | Tsangaris, George P. |
| | | 1959 | Bulkeley, Robert I. P. |
| 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.

- | | | | | |
|------|----------------------|---------|------|------------------------|
| 1956 | Medlin, Brian H. | } equal | 1957 | Kelly, David St. Leger |
| | Tsangaris, George P. | | 1958 | Klaebe, Kenneth E. |
| | | | 1959 | Bulkeley, Robert I. P. |

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.

- | | | | | |
|------|----------------------|---------|-----------|------------------------|
| 1956 | Andrews, Judith Mary | 1958 | No award. | |
| 1957 | Donaldson, Pamela M. | } equal | 1959 | Bulkeley, Robert I. P. |
| | 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 193.

Awards.

For previous awards, see Calendars from 1904.

Prizemen:

1955	Robertson, Margaret Jean	1958	O'Grady, Helen P.
1957	Wilson, Philippa Morag	1959	Hyslop, Alexander

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 woman student in the first-year course in English Literature who, in the opinion of the Jury Professor of English Language and Literature, has written the best essays during the year. Unless the essays are of sufficient merit, the prize shall not be awarded. The money shall be spent on books approved by the Professor, and suitably inscribed.

Made by Council 25th November, 1921. Amended 30th May, 1958.

Awards.

For previous awards, see Calendars from 1927.

1956	Clinka, Natalie	1958	Horgan, Lillian V.
1957	Sykes, Meredith Elizabeth	1959	Cranwell, Elizabeth

The Byard Prize.

Whereas the sum of £130 has been paid to the University by Mrs. Amy Matilda Beddome for the purpose of founding a prize to perpetuate the memory of her father, the late Douglas John Byard: It is hereby provided that—

A prize of the value of not less than £6 shall be awarded annually to the matriculated male student in the first course in English Literature who, in the opinion of the Jury Professor of English Language and Literature, has written the best essays during the year. Unless the essays are of special merit, the prize shall not be awarded. The money shall be spent on books approved by the Professor, and suitably inscribed.

Made by the Council 30th May, 1958.

Awards.

1958	Newell, Leonard N. M.	1959	Eckersley, Peter D. } equal
			Wilhelm, Leslie R. }

The Edith Hübbe and Harriet Cook Prize.

RULES.

Whereas the sum of Five Hundred Pounds has been paid to the University by the past pupils of the Knightsbridge School for the purpose of founding with the income thereof a prize in memory of the late Mrs. Edith Hübbe and the late Miss Harriet Cook, former Headmistresses of that school, to be called The Edith Hübbe and Harriet Cook Prize:

It is provided that—

1. The Edith Hübbe and Harriet Cook Prize shall be of the value of £16 and shall be available for award annually.
2. Provided that in the opinion of the examiners the candidate is of sufficient merit the Prize shall be awarded to the undergraduate placed first in the Annual Examination in English III.
3. The Council may vary these rules but the title of the Prize shall not be changed.

Awards.

For previous awards, see Calendar for 1959.

- | | | | |
|------|-------------------------|------|------------------|
| 1956 | Schild, Maurice Edmund | 1958 | Depasquale, Paul |
| 1957 | O'Grady, Helen Patricia | 1959 | Leader, Wendy M. |

The Bunday Prize for English Verse.

This prize, of the value of £10, was founded by Miss E. Milne Bunday in memory of the late Sir Henry and Lady Bunday.

For conditions, see Statutes, Chapter XXXV, page 213.

In 1960 the prize will be awarded for the best poem submitted, without restriction of subject.

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

Awards.

For previous awards, see Calendars from 1926.

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

The Sir Archibald Strong Memorial Prize for Literature.

This prize, of the value of £15, was founded by the Misses Bedford in memory of the late Sir Archibald Strong.

For conditions, see Statutes, Chapter LXXII, page 239.

Award.

- 1959 Holt, Betsy S.

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.

1958 Pukitis, Ilze } equal 1959 Abbie, Elizabeth M.
Schubert, Jane H. }

The Violet de Mole Memorial Fund.

RULES

The sum of £256 (increased in 1952 to £456) having been paid to the University for the purpose of establishing a fund to perpetuate the memory of the late Miss Violet de Mole, the following rules are hereby made:

1. A prize, to be known as The Violet de Mole Prize in French and consisting of a book or books of the value of £5/5/-, shall be awarded annually to the matriculated or graduate candidate placed first in the annual examination in French III, provided that there is a candidate of sufficient merit. The book or books shall be selected by the prizeman with the approval of the Professor of French Language and Literature, and shall be furnished with the book-plate that has been designed for the purpose.

2. The balance of the income from the Fund, after payment of the prize provided for in Rule 1, shall be used for the purchase of books for the Barr Smith Library. Each book so purchased shall contain a bookplate indicating that it is part of The Violet de Mole Memorial Library. These books shall be selected by the Professor of French Language and Literature in consultation with the Librarian.

Awards

For previous awards, see Calendars from 1953.

1958 Lucas, Diana M. } equal 1959 Wagstaff, Rosemary
Nettelbeck, Colin W. }

The Weimar-Ohlstrom Prizes.

Whereas Mrs. Leonore Ohlstrom has given the sum of £300 to the University for the purpose of establishing annual prizes in German in memory of her late husband, Patrick Andreas Ohlstrom, the following rules are hereby made:

1. Two prizes to be known as the Weimar-Ohlstrom Prizes shall be offered for competition each year.

2. Provided that in each case there is a candidate of sufficient merit—

(a) a prize of the value of two-thirds of the annual income from the endowment shall be awarded to the undergraduate placed first in the annual examination in German II;

(b) a prize of the value of one-third of the annual income from the endowment shall be awarded to the undergraduate placed first in the annual examination in German I.

3. Each prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Head of the Department of German.

4. These rules may be altered from time to time by the Council but the title and general purpose of the prizes shall not be altered.

Awards.

For previous awards, see Calendar for 1959.

- 1957 Ratz, Alfred Egon (German I)
Hocking, Brian Dominic Windsor (German II)
1958 Paul, Peter (German I)
Ratz, Alfred E. (German II)
1959 Abbie, Elizabeth M. (German I)
Day, Jennifer A. (German II).

The Fred Johns Scholarship for Biography.

For conditions of award, see Statutes, Chapter LV, page 227.

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 209.

Awards.

For previous awards, see Calendars from 1913.

- | | | |
|-----------------------------|----------------------------|---------|
| 1955 Pocock, Edward Robert | 1958 Curnow, Ellen I. | } equal |
| 1956 Greet, Raymond James | Playford, John D. | |
| 1957 Phillips, Walter Wynne | 1959 Goldsworthy, David J. | |

The Natalia Davies Prize.

RULES.

Whereas Miss Amylis I. Laffer has given to the University the sum of £400 for the purpose of perpetuating the memory of the late Miss Natalia Davies, the following rules are hereby made:

1. There shall be a Prize of the annual value of £10 and known as the Natalia Davies Prize.

2. The Prize shall be available for award annually to the candidate in a first-year course in the School of History deemed by the examiners to be the most meritorious matriculated or graduate student of

first-year History in that year; but no award shall be made unless the examiners are satisfied that the candidate is of sufficient merit.

3. The value of the Prize shall be awarded in books dealing with some aspect or aspects of history preferably of the British Empire or of the British Commonwealth of Nations. The books, which shall be selected by the prizeman subject to the approval of the Professor of History, shall be furnished with a book-plate designed for the purpose.

4. These rules may be altered from time to time by the Council, but the title and purpose of the Prize shall not be altered.

Awards.

For previous awards, see Calendars from 1955.

1957	Beer, Donald Robert	1959	Horgan, Lillian V.	} equal
1958	Edgar, Peter L.		Kerin, Mary B.	

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 199.

Awards.

For previous awards, see Calendars from 1904.

1956	Lowke, John James	1958	Hume, Beryl M.
1957	Knauerhase, Juliet M. L.	1959	Harris, Charles 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.

For previous awards, see Calendars from 1957.

1956	Bradley, Michael Charles	1958	Deutscher, Maxwell J.
1957	Medlin, Brian Herbert	1959	Kimber, Gillian

The British Psychological Society Prize in Psychology.

RULES

The Australian Branch of the British Psychological Society, having agreed to provide an annual prize the purpose of which shall be the encouragement of the study of Psychology by third-year students, the following rules are hereby made:

1. The prize shall be called "The British Psychological Society Prize in Psychology."
2. The value of the prize shall be £5, until otherwise determined.
3. The prize shall be awarded each year to the matriculated student who has, in that year, most distinguished himself in the course in Psychology III, provided that no award shall be made if no candidate is deemed of sufficient merit.
4. These rules may be varied from time to time by the Council.

Awards.

1958 No award. 1959 Grastins, Dagnija

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 231.

Awards.

1940 Broomhead, Edwin Norman, 1947 Worthley, Boyce Wilson,
M.A. B.A., M.Sc.
1943 Knauerhase, Oscar Carl, B.A. 1948-59 No award.

John Lewis Prize in Geography.

The Council has accepted the offer of the Royal Geographical Society of Australasia (South Australian Branch Inc.) to provide an annual prize, to be called the John Lewis Prize, for the candidate placed first at the annual examination in Geography I. The prize shall be of the value of £5. The award shall not be made unless the examiner is satisfied that the candidate has shown sufficient merit.

Awards.

1956 Lowes, Anthony John 1958 Burnard, Sally M.
1957 Bickerton, Ian James 1959 Faull, James F.

The Archibald Grenfell Price Prize in Geography.

RULES

The sum of £110 having been given to the University by St. Mark's College Club for the purpose of establishing a prize to be known as the "Archibald Grenfell Price Prize in Geography," the following rules are made:

1. A prize, to be known as The Archibald Grenfell Price Prize in Geography, shall be awarded annually to the matriculated or graduate candidates placed first in the annual examination in Geography III in the course for the degree of Bachelor of Arts, provided that the candidate is of sufficient merit.
2. The value of the prize shall be £5/5/- until the Council decides otherwise.

Awards.

1957 Donaldson, Pamela Margaret 1959 Octoman, Deirdre, J.
1958 Ware, Dorothy A.

The Charles Fenner Prize in Geography.

This prize was founded by private subscription in memory of the late Charles Fenner, D.Sc. It is of the annual value of £5, and is awarded to the matriculated student who is placed first in the Annual Examination in Geography II in the course for the ordinary degree of Bachelor of Arts, provided that the candidate is, in the opinion of the examiners, of sufficient merit.

Awards.

1957 George, Brenton
1958 Hutton, Allan V.

1959 Burnard, Sally M.

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 previous awards, see Calendars from 1944.

- For 1957 Hambly, Peter Sutherland, B.A.
Robertson, Margaret Jean, B.A.
For 1958 Bradley, Michael Charles, B.A.
Wilson, Philippa Morag, B.A.
For 1959 O'Grady, Helen Patricia, B.A.
Kersten, Lee Irving, B.A.
For 1960 Goldsworthy, David J., B.A.
Nettlebeck, Colin W., 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 221.

Awards.

For previous awards, see Calendars from 1930.

- | | | | |
|------|-----------------------------|------|---------------------|
| 1949 | Jeffery, Margaret W., B.Sc. | 1955 | Burns, Erica Marian |
| 1951 | Martin, Peter Gordon | 1957 | No award. |
| 1954 | Brown, Judith Eileen | 1959 | No award. |
| | Martin, Helene Alice | | |

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 212.

Awards.

For previous awards, see Calendars from 1914.

Scholarships.

For previous award, see Calendar for 1959.

- | | | | |
|------|-------------------------------------|------|---------------------|
| 1957 | Hollamby, Gilbert J. | 1959 | McIntosh, Graeme H. |
| 1958 | Lim, Kheng H. R.
(relinquished). | | (relinquished). |
| | | | Robinson, James B. |

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.

- | | | | |
|------|--------------------------|------|----------------|
| 1956 | No award | 1958 | No award. |
| 1957 | Ward, Margaret Hawthorne | 1959 | Chong Peng Wah |

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 226.

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. |
| | | 1957 | No award. |

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.	1957-9	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 211.

Awards.

1916	Stephens, Cyril F., B.Sc.	1925	Jacobs, Maxwell R., B.Sc. (resigned 1926)
1921	West, Eric Stadden, B.Sc.	1928	Piper, Gordon R., B.Sc.
1923	Lewcock, Harry K., B.Sc.		

The James Barrans Scholarship.

This scholarship, founded by the late Sarah Barrans, in memory of her brother, the late James Barrans, is of the value of £90 and is awarded annually, provided that there is a candidate of sufficient merit. Preference in the selection of the scholar is given in alternate years to candidates in Science and in Engineering respectively.

For conditions, see Statutes, Chapter LXV, page 233.

Awards.

For previous awards, see Calendars from 1954.

1955	Sando, Margaret	1958	McGowran, Brian
1956	Brett, Peter Robin	1959	Heath, George R.
1957	Beck, Kevin Charles		

The J. R. Wilton Prize.

RULES

In order to perpetuate the memory of the late Professor J. R. Wilton, Elder Professor of Mathematics in the University of Adelaide from 1920 to 1944, the sum of £100 has been raised by friends, former students, and others, and has been given to the University to establish an annual prize in the Department of Mathematics. The prize, of the value of £4/4/-, shall be known as the J. R. Wilton Prize and shall be awarded at the discretion of the Elder Professor of Mathematics

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

Awards.

1958	Wells, Gregory W.	1959	Jones, Alan S.	} equal
			Szekeres, Peter	

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 on the nomination of the Professor of Physics. (D.3/55)

Awards.

For previous award, see Calendar for 1959.

1956	Milton, Bernard E., B.Sc.	1958	Mainstone, John S., B.Sc.
1957	Elford, Malcolm T., Ph.D.	1959	Bagot, Charles H., 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.

For previous award, see Calendar for 1959.

1956	No award	1958	Dodman, Robert L.
1957	Haselgrove, Richard F.	1959	No award

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

RULES

Whereas the Council has accepted the offer of the South Australian Branch of the Australian Institute of Agricultural Science to provide annually a Prize of £10 in Agricultural Science, it is hereby provided that:

A Prize, to be known as the Australian Institute of Agricultural Science (S.A. Branch) Prize, will be available annually for award to the candidate who, on completing the course for the Ordinary degree of Bachelor of Agricultural Science, shall in the opinion of the Faculty of Agricultural Science be the most distinguished of the students completing the course in that year: but no award shall be made unless the Faculty is satisfied that the candidate is of sufficient merit.

Awards.

1956	Birks, Peter Roland	1958	Jacobsen, John V.
1957	Carraill, Robert Murray	1959	Cooke, James A. E.

The Barr Smith Travelling Scholarship in Agriculture.

In 1953 Sir Tom Barr Smith gave to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith. The object of the fund is to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain.

The Scholarship is tenable at Cambridge University, for two years in the first instance, and is open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election.

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter LXXX, page 246.

Awards.

1955/7	Parsons, Peter	Angas,	1958	Seamark, Robert F.
	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 190.

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.

1950	Crisp, John D. C., B.E.	1957	Moten, John M., B.E.
	Kanef, Stephen D., B.E.		(Syd.), B.Sc.
1952	Rose, Gordon Albert	1959	Kelly, Robert J., B.E.

The Angas Engineering Exhibition.

There are four exhibitions, each of the value of £15 per annum, tenable for four years by undergraduates in Engineering or Science. For conditions, see Statutes, Chapter XIII, Sections 10 to 17, inclusive, page 191.

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.

1957	Fryer, Colin	1959	Andrews, Anthony J.
1958	Wilkinson, Philip L. (relinquished)	1960	Juttner, Christopher A.

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 230.

Awards.

For previous awards, see Calendars from 1943.

1955	Billingham, Onslow C. <i>Prox. acc.:</i>	1956	Kennedy, Michael Brian
	Kelly, Robert John	1957	Araszkiewicz, Wieslaw
	Schubert, Cedric Felix	1958	May, Kevin R.
		1959	Vladcoff, Adrian N.

The Humes Prize in Civil Engineering.

Whereas Messrs. Humes Ltd. has agreed to provide an annual prize of £25 in Civil Engineering, the following rules are hereby made:—

1. The prize shall be called "The Humes Prize in Civil Engineering."
2. The prize shall be awarded annually to the matriculated student in the final year of the Civil Engineering course who attains the highest standard in the annual examination in Civil Engineering II, provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1958	Schmid, Laurence J.	1959	Johns, Rodger N.
------	---------------------	------	------------------

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.

1956	Nordin, Alfred Walter	1958	Kelly, Robert J.
1957	No award	1959	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 Calendars from 1956.

1956	Kelly, Robert John	1958	May, Kevin R.
1957	Davis, Bruce Raymond	1959	Vladcoff, Adrian N.

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.

1956	Wigg, Hugh Higham	1958	Davis, Bruce R.
1957	Symons, Frederick John W.	1959	Potter, Robert J.

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.

1955	Smith, Roger	1958	Symons, Frederick J. W.	} equal
1956	Staples, Roy William F.	1959	Adam, Campbell P.	
1957	Gates, Malcolm John		Karolyi, George	

The Electricity Trust Prize in Electrical Power Engineering.

Whereas the Electricity Trust of South Australia has agreed to provide an annual prize of £50 in Electrical Power Engineering, the following rules are hereby made:

1. The prize shall be called "The Electricity Trust Prize in Electrical Power Engineering."
2. The prize shall be awarded annually to the matriculated student in the final year of the Electrical Engineering course who attains the highest standard in Electrical Power Engineering, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

For previous awards, see Calendar for 1959.

1957	Gates, Malcolm John	1959	Leong, Luen Kit
1958	Kennedy, Michael B.		

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.

1956	Bartsch, Kenneth Murray	1958	Kennedy, Michael B.
1957	Gates, Malcolm J.	1959	Patterson, Neil W.
	Wigg, Hugh H. } equal		

The S.A. Chamber of Manufactures Prize in Electronic Control.

The Council having accepted the offer of the S.A. Chamber of Manufactures to provide a prize of £10 a year for work in Electronic Control, the following rules are hereby made:

1. The prize shall be called "The S.A. Chamber of Manufactures Prize in Electronic Control."

2. The Prize shall be awarded on the recommendation of the Faculty of Engineering to the matriculated student in the course in Electrical Engineering who attains the highest standard in the annual written and practical examinations in Automatic Control as part of the subject Electrical Engineering II; provided that no award shall be made if no candidate is considered to be of sufficient merit.

Awards.

For previous awards, see Calendars from 1954.

1955	Chase, Brian Collison	1957	Gates, Malcolm John
1956	Burgess, John A.	1958	Davis, Bruce R.
	Butcher, Ian R. } equal			1959	Potter, Robert J.

Philips Electrical Industries Prize in Elements of Electronics.

Whereas Philips Electrical Industries of Australia Pty. Ltd. has agreed to provide an annual prize of £10 in Electronic Engineering, the following rules are hereby made:

1. The prize shall be called "The Philips Electrical Industries Prize in Elements of Electronics."

2. The prize shall be awarded annually to the matriculated student who attains the highest standard in the Electronics section of the subject Electrical Engineering I, account being taken of achievement during the year as well as in the final examination; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1958	Hawryskiewycz, Igor T.	1959	Vladcoff, Adrian N.
------	------------------------	------	---------------------

Philips Electrical Industries Prize in Electronics.

Whereas Philips Electrical Industries of Australia Pty. Ltd. has agreed to provide an annual prize of £50 in Electronic Engineering, the following rules are hereby made:

1. The prize shall be called "The Philips Electrical Industries Prize in Electronics."

2. The prize shall be awarded annually to the matriculated student in the final year of the Electrical Engineering course who attains the highest standard in the annual written and practical examinations in Electronic Engineering, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1956 Butcher, Ian Robert	1958 Symons, Frederick J. W.
1957 Wigg, Hugh Higham	1959 Patterson, Neil W.

The Forwood Down Prize in Mechanical Engineering.

Whereas Forwood, Down and Co. Ltd. has agreed to provide an annual prize of £10/10/- in Mechanical Engineering, the following rules are hereby made:

1. The prize shall be called "The Forwood Down Prize in Mechanical Engineering."

2. The prize shall be awarded annually to the matriculated student in the final year of the course for the Honours degree of Bachelor of Engineering in Mechanical Engineering who most distinguished himself at the final Honours Examination, provided that his record is of sufficient merit.

Awards.

1958 Robinson, Michael L.	1959 Bishop, Michael M.
---------------------------	-------------------------

The Shell Prize in Mechanical Engineering.

Whereas the Shell Company of Australia Limited has agreed to provide an annual prize in Mechanical Engineering, the following rules are hereby made:

1. The prize shall be called "The Shell Prize in Mechanical Engineering."

2. The prize shall be of the value of £25.

3. The prize shall be awarded to the full-time student in the penultimate year of the course in Mechanical Engineering who most distinguishes himself at the annual examinations, provided that no award shall be made if no candidate is of sufficient merit.

Awards.

1958 Bishop, Michael M.	1959 Colliver, Anthony D.
-------------------------	---------------------------

The Rutter Jewell-Thomas Prize and Medal.

RULES

Whereas Rutter Jewell-Thomas Esquire has given to the University the sum of £700 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.

For previous awards, see Calendars from 1957.

1957	Gray, Neil Boon	1958	Kelly, Robert J.
	<i>Prox. acc.:</i>	1959	No award
	Field, Graham John		

The Albright and Wilson Prize in Chemical Engineering Design.

Whereas Albright and Wilson (Australia) Pty. Ltd. have agreed to provide the sum of £31/10/- a year for the purpose of providing a prize in Chemical Engineering Design, the following rules are hereby made:

1. A prize to encourage the study of Chemical Engineering Design, of the value of £31/10/- and to be known as the Albright and Wilson Prize in Chemical Engineering Design, shall be offered annually.

2. To be eligible for the prize, a student shall have completed the academic work for the degree of Bachelor of Engineering in Metallurgical and Chemical Engineering.

3. The prize shall be awarded to the student who, in the opinion of the Head of the Department, submits the best design project in Process Engineering IIID.

4. The prize shall not be awarded if, in the opinion of the Head of the Department, there is no candidate of sufficient merit; but if no award be made in any year two awards may be made in a later year in which there are two candidates of exceptional quality. D.1546/59.

Award.

1959 Fisher, David J.

FACULTY OF LAW.

The Stow Prizes.

These prizes were founded by public subscription in memory of the late Mr. Justice Stow. They are of the value of £15 each, and are awarded to undergraduates in law who show exceptional merit in not less than two subjects in any year of their course.

For conditions, see Statutes, Chapter XV, page 194.

Awards.

For previous awards, see Calendars from 1904.

- | | | | |
|------|--------------------------|------|----------------------|
| 1957 | Cornish, William Rodolph | 1958 | Cornish, William R. |
| | Prior, Graham Clifton | | Finnis, John M. |
| | Debelle, Bruce Malcolm | | Prior, Graham C. |
| | Kelly, David St. Leger | | Wilson, Andrew B. C. |
| | | | <i>Prox. acc.</i> |
| | | | Malpas, Charles B. |
| | | 1959 | Cornish, William R. |

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.

- | | | | |
|------|--------------------------|------|---------------------|
| 1945 | Wells, William Andrew N. | 1959 | Cornish, William R. |
| 1953 | Wilson, Ian Bonython C. | | Prior, Graham C. |

The R. W. Bennett Prizes.

These prizes were founded by the late Richard William Bennett, K.C., LL.B. Of the value of £8 each, in books or money at the option of the prizeman, they are awarded for exceptional merit at the November examinations in any ordinary subject for the degree of Bachelor of Laws.

For conditions, see Statutes, Chapter LIX, page 230.

Awards.

For previous awards, see Calendars from 1945.

- | | | | |
|------|--------------------------|------|---------------------|
| 1957 | Kirsch, Marina | 1958 | Clark, Franford D. |
| | Prior, Graham Clifton | | Finnis, John M. |
| | <i>Prox. acc.:</i> | 1959 | Cornish, William R. |
| | Cornish, William Rodolph | | Finnis, John M. |

The R. W. Bennett Medal and Scholar

Every winner of three R. W. Bennett Prizes is entitled to receive a bronze medal and the title of R. W. Bennett Scholar.

Awards.

- | | | | |
|------|----------------------|------|-------------------------|
| 1950 | White, James Michael | 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 225.

Awards.

- | | | | |
|------|--------------------------|------|----------------------------|
| 1929 | Bleby, Thelma E. LL.B. | 1956 | O'Connell, Daniel Patrick, |
| 1933 | Wynes, William A., LL.B. | | B.A., LL.M., Ph.D. |
| 1937 | Bray, John J., LL.D. | | |

The Angas Parsons Prize.

This prize, bequeathed by the late Sir Herbert Angas Parsons, K.B.E., LL.B., is of the value of £50 and is awarded annually to the most meritorious candidate qualifying for the Honours Degree of Bachelor of Laws in that year. For conditions, see Statutes, Chapter LXVII, page 235.

Award.

1959 Cornish, William R.

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.

1953/58	No award	1959	Cornish, William R. Prior, Graham C.
---------	----------	------	---

The Thomas Gepp Prize.

RULES.

Whereas the Late Florence May Pontt has bequeathed to the University the sum of £200 for the purpose of founding a Prize in memory of her late father, Thomas Gepp, it is hereby provided as follows:

1. There shall be a Prize, of the value of £5, to be called The Thomas Gepp Prize.

2. The Prize shall be awarded annually to the student placed first in the final examination in Private International Law in the course for the degree of Bachelor of Laws provided that in the opinion of the Faculty of Law there is a candidate of sufficient merit.

3. The Prize shall be awarded in money or in books as the successful candidate may desire.

4. If two or more candidates be placed equal in the final examination in Private International Law the work of each such candidate during the year shall be taken into consideration in awarding the Prize for that year.

5. The Prize shall not be awarded twice to the same person.

6. Subject to the terms of the bequest these rules may be varied from time to time but the title and general purpose of the endowment shall not be changed.

Awards

For previous award, see Calendar for 1959.

1954	Jago, John Geoffrey	1958	No award
1957	Curnow, Doreen	1959	Cornish, William R.

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.

1957	Chapman, Phillip John	1959	Wilkinson, Philip L.
1958	Harding, Philip Ernest	1960	Von Behrens, Wieland E.

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.	1958	Lloyd, John V.
	<i>Prox. acc.:</i>	1959	Luke, Colin G.
	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.

For previous awards, see Calendars from 1953.

1957	Miller, Colin David John	1959	Pridmore, Brian R.
1958	Sage, Robert E.		<i>Prox. acc.:</i>
			Lloyd, John V.

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 1953) 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 199.

Awards.

For previous awards, see Calendars from 1911.

1958	Third Examination: Pearman, John W.	1959	Third Examination: Walsh, John A.
	Fifth Examination: Fahy, Carlien L.		Fifth Examination: Rozenbilds, Maris A.
			<i>Prox acc.:</i> Kimber, Richard J., B.D.S.

The J. B. Cleland Prize in Pathology.

RULES

Whereas the sum of £130 has been given to the University for the purpose of establishing a prize in commemoration of John Burton Cleland, M.D., George Richard Marks Professor of Pathology in the University from 1920 to 1948, the following rules are hereby made:

1. The prize shall be known as the J. B. Cleland Prize for Pathology.

2. It shall consist of a bronze medal and the sum of £5.

3. It shall be awarded annually to the undergraduate who at the Fifth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, is placed first in Pathology and who in the opinion of the Marks Professor of Pathology is of sufficient merit.

Awards.

For previous awards, see Calendars from 1953.

1956	McCall, Michael George	1958	Wangel, Anders G.
1957	Barlow, Douglas John	1959	Woolcock, Ann J.

The Thomas L. Borthwick Memorial Prize.

RULES.

Whereas the late Frank Sandland Hone, C.M.G., has bequeathed to the University the sum of £100 for the purpose of founding an annual prize in Public Health and Preventive Medicine in the medical course, the following rules are hereby made:

1. The Prize shall be called the Thomas L. Borthwick Memorial Prize in Public Health and Preventive Medicine.

2. It shall be of the value of £3 3s. and shall be paid to the prizeman in one sum.

3. It shall be awarded annually to the undergraduate who in the Fifth Examination for the degree of Bachelor of Medicine and Bachelor of Surgery shall have passed the whole of that examination and shall have been placed first in Public Health and Preventive Medicine and who in the opinion of the examiners is of sufficient merit.

Awards

For previous awards, see Calendars from 1953.

1955	Lindsay, Thomas Bruce, M.D.S.	1957	Barlow, Douglas John
1956	Hui, Weng Choon <i>Prox. acc.:</i> Barr, Alan Marshall	1958	Fahy, Carlien L.
		1959	Grant, Donald C.

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 228.

Awards.

For previous awards, see Calendars from 1942.

1956	Bonner, Brian Christopher	1958	Nicholls, Valwynne A.
1957	Foong, Siew Muay	1959	Burns, Richard J.

The Dr. Charles Gosse Medal.

This medal was established in 1916 in memory of the late Dr. Charles Gosse, and is awarded each year for merit in Ophthalmology.

For conditions, see Statutes, Chapter XL, page 219.

Awards.

For previous awards, see Calendars from 1923.

1955	Forbes, Ian James <i>Prox. acc.:</i> Powrie, Robert Malcolm	1957	Kinlough, Margaret Anne
		1958	Carter, Rodney F.
1956	Woods, Arthur Frederick	1959	Fahy, Carlien L.

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 194.

Awards.

For previous awards, see Calendars from 1904.

1956	Jose, John Salisbury	1958	Barlow, Douglas J.
1957	Gunning, Julianne E. S.	1959	Fahy, Carlien L.

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 216.

Awards.

For previous awards, see Calendars from 1939.

1956	Knight, Edwin Walter	1958	Wise, Peter H.	
1957	Barlow, Douglas J.	} equal	1959	Kimber, Richard J., B.D.S.
	Smith, J. R. C., B.Sc.			<i>Prox. acc.:</i> Matousek, Vladislav

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.

1955	Jose, John Salisbury	1957	Hall, Donald Richard
1956	Parks, Veronica June	1958	No award owing to changed conditions.
	<i>Prox. acc.:</i> Beare, James Hudson	1959	Fahy, Carlien L.

Frank S. Hone Memorial Prize.

The South Australian Branch of the British Medical Association has agreed to provide an annual prize of fifteen guineas, to be known as the Frank S. Hone Memorial Prize and to be awarded to the student gaining the highest place in Group 1, The Principles and Practice of Medicine and Therapeutics, in the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery. The prize will be awarded on the results of the annual examination in November.

Payment of the prize will be made direct by the Association to the successful candidate.

D. 1012/51.

Awards.

For previous awards, see Calendars from 1953.

1955	Fitch, Kenneth Duncan	1956	Brown, Jennifer May
	<i>Prox. acc.:</i>	1957	Kinlough, Margaret Anne
	Robertson, Anthony Oliver	1958	Barlow, Douglas J.
	Tan Kheng Khoo	1959	Fahy, Carlien L.

The William Gardner Scholarship and Prize.

The scholarship, founded in memory of the late Dr. William Gardner, is of the value of £45 and is awarded annually for merit in surgery at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

The prize, of the value of the total annual income from the capital sum less £45, is awarded annually for merit in Surgery and other subjects at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions, see Statutes, Chapter LXIII, page 231.

Awards.

For previous awards, see Calendars from 1944.

Scholarship:

1957	Gunning, Julienne E. S.	1958	Beaumont, Gordon D.
	<i>Prox. acc.:</i>	1959	Fahy, Carlien L.
	Mann, William Eric		

Prize:

1957	Gunning, Julienne E. S.	} equal	1958	Barlow, Douglas J.
	Kinlough, Margaret A.		1959	Fahy, Carlien L.

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 232.

Awards.

For previous awards, see Calendars from 1946.

1956	Brand, Ian Allan George	1958	Akkermans, Charles H.
1957	Spence, Robin Douglas J.	1959	Halley, Winifred

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 232.

Awards.

1946	Gregg, N. McAlister, M.B., Ch.M. (Syd.).
1954	Fleming, W. E., M.B., B.S., D.L.O. (Melb.).
1958	Christensen, F. G., D.D.Sc. (Q'land), F.D.S.R.C.S.

The College of General Practitioners Prize.**RULES.**

1. The prize shall be offered each year for competition among undergraduates in the Faculty of Medicine.

2. Entries for the prize shall consist of a case history and commentary, or a series of case histories with commentary, on a patient or patients seen by an undergraduate in general practice.

3. The prize shall be awarded by the Faculty of Medicine on the recommendation of a panel of examiners appointed for the purpose by the Faculty.

4. Candidates wishing to enter for the prize must submit their entries to the Registrar by 31st March each year.

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.

1956	Weston, Frank Keith	1958	Barlow, Douglas J.
1957	Kinlough, Margaret Anne	1959	Burns, Richard J.

The Pfizer Prize in Gynaecology.

The Council has accepted the offer of Messrs. Charles Pfizer to provide an annual prize of £25 to the candidate placed first in Gynaecology at the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery; provided that an award shall be made only if the successful candidate passes at the same time in all other subjects of the Final Examination, and obtains in Gynaecology marks at least equal to the minimum standard required for a Pass with Distinction in the whole examination.

Awards.

For previous awards, see Calendar for 1958.

1957	McCall, Michael G.	} equal	1958	Rodgers, William O.
	Tozer, Ross L.		1959	Fahy, Carlien L.

T. G. Wilson Travelling Scholarship in Obstetrics.

In 1938 the sum of £2,000 was paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship, which is of the value of £200.

For conditions, see Statutes, Chapter LVIII, page 229.

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.

- 1956 Junior Prize: Barlow, Douglas John
- 1957 Junior Prize: Fahy, Carlien Lorraine
- 1958 Junior Prize: Kimber, Richard J.
- 1959 Junior Prize: Miller, Colin D. J.

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.

It will be glad also to examine the possibility of assisting with the provision of such facilities, other than salaries, as are necessary to enable qualified persons to undertake medical research.

Applications should contain full details of the work proposed and of the estimated cost, and should be made in writing to the Registrar; but candidates are advised first to consult the Professor or Head of the Department within which their research project is likely to fall.

A report giving full details of the results obtained will be required on completion of an investigation, and interim reports must be submitted if asked for. Every report must include a statement that the work has been carried out with assistance provided by the Medical Research Committee of the University of Adelaide.

The John Barker Scholarship

Whereas the late Eleanor Kate Barker has bequeathed to the University the sum of £3,000 to found a scholarship for Medical Research to be named the John Barker Scholarship, the following rules are hereby made:

1. There shall be a scholarship for Medical Research to be known as the John Barker Scholarship.
2. The value of the scholarship shall be £90 a year until otherwise determined by the University Council.
3. The scholarship shall be available for award annually to a graduate. Tenure of the scholarship will therefore be on an annual basis; but tenure may be extended, by re-award, for a second or third year. The scholarship shall not be held by the same scholar for more than three years.
4. The scholarship shall be awarded by the Council on the recommendation of the Medical Research Committee, which shall submit to the Council such recommendation as it sees fit for the award of the scholarship for each year; but no award of the scholarship shall be made for any year unless, in the opinion of the Medical Research Committee, there is a candidate who is worthy of the award. Formal applications for the scholarship are not sought.
5. These rules may be varied from time to time by the Council, but the title and general purpose of the scholarship shall not be changed.

FACULTY OF DENTISTRY.

The Thomas D. Hannon Prize.

The Council has accepted a gift from the South Australian Branch of the Australian Dental Association of £133 to endow an annual prize of £4 4s. to be known as the Thomas D. Hannon Prize. The prize will be awarded to the student who is placed first in the list of candidates who pass with distinction in the third year examination for the degree of Bachelor of Dental Surgery.

Awards.

1956	No award	1958	No award
1957	Burfield, Brenton G.	1959	No award

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

The Council has accepted the offer of the Dental Board of South Australia to provide a prize of £10/10/- to be awarded annually to the student who is placed first in the list of candidates who pass with credit in the fourth-year examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1953.

1956	Thomson, Beresford J. R.	1958	Burfield, Brenton G.
1957	No award	1959	Blanden, Robert V.

Australian Dental Association (S.A. Branch) Prize.

The Council has accepted the offer of the S.A. Branch of the Australian Dental Association to provide a prize of fifteen guineas to be awarded annually to the student who is placed first in the list of candidates who pass with credit in the final examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1945.

1957	Thomson, Beresford J. R.	1959	Burfield, Brenton G.
1958	No award		<i>Prox. acc.:</i> Kay, Lorimer J.

The Faulding Scholarship in Dentistry.**RULES**

The Council has accepted the offer of Messrs. F. H. Faulding and Co. Ltd. to provide the sum of £21 a year for at least five years for a scholarship in Dentistry on the following conditions:

1. The scholarship shall be known as The Faulding Scholarship in Dentistry.

2. The scholarship may be awarded annually to assist a graduate in Dentistry to proceed to a higher degree or to undertake an original investigation approved by the Faculty.

3. Provided that the scholar's progress is satisfactory to the Faculty, the scholarship may be renewed for a second year, but not longer.

4. If no scholarship be awarded for two successive years, a scholarship to the value of not more than £40 may be awarded to a graduate in Dentistry to assist him to undertake research work on some dental problem approved by the Faculty.

The Dental Board of South Australia Research Scholarship.**RULES**

Whereas the Dental Board of South Australia has agreed to pay to the University from time to time certain sums of money for the purpose of founding a research scholarship in Dental Science, it is hereby provided that:

1. The scholarship shall be called The Dental Board of South Australia Research Scholarship.

2. The purpose of the scholarship is to encourage research in dental science on subjects approved from time to time by the Faculty of Dentistry.

3. An applicant for the scholarship shall be a graduate in Dentistry of the University of Adelaide or of a University recognised by the University of Adelaide.

4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Dentistry. In making recommendations the Faculty shall take into consideration the proposed subject of research or investigation, the suitability of the candidate to undertake it and the value that should be attached to the scholarship in each case.

5. The research or investigation for which the scholarship is awarded shall be carried out under the supervision of the Director of Dental Studies.

6. Within the financial provision made available from time to time by the Dental Board of South Australia, the University may award more than one scholarship at any one time.

Awards.

1950 Plummer, Alexander P., 1958 Sims, Milton R., B.D.S.
B.D.S.

FACULTY OF ECONOMICS

Professor Tew's Prize for Economics I.

In 1949 Professor Brian Tew, Professor of Economics in the University of Adelaide from 1946 to 1949, gave £100 to provide prizes in the Department of Economics. Under that gift an annual prize of £3/3/- is awarded to the candidate placed first in the annual examination in Economics I, provided that he is of sufficient merit.

Awards.

For previous awards, see Calendars from 1955.

1956	Billinghurst, H. }	} equal	1958	Blandy, Richard J. }	} equal
	Kohler, B. L. P. }			Henderson, James Y. }	
1957	Sherwin, Rolf Morton		1959	Garton, Anthony N.	

The Adelaide Chamber of Commerce Prize.

RULES.

The Council has accepted the offer of the Adelaide Chamber of Commerce to provide an annual prize of £10/10/- to be awarded to the student placed first in the annual examination in Economics II provided that he is of sufficient merit.

Awards.

1958	Robertson, Robert M. }	} equal	1959	Sarah, Neil
	Sherwin, Rolf M. }			

The Shell Prize in Economics.

A prize of £25 will be awarded to the full-time student who is, in the opinion of the Board of Examiners, the most outstanding student in the second year in the degree of Bachelor of Economics course, provided that the prize shall not be awarded if, in the opinion of the Board of Examiners, there is no candidate of sufficient merit. For this purpose a student in the second year is defined as one who having passed without failure in four first year subjects is taking Economics II, Economic Development I, Economic Statistics I and one other subject in the one year.

Awards.

1958	Hicks, Ronald P.	} equal	1959	Sarah, Neil
	Sherwin, Rolf M.			

The Economic Society Prize.

The Council has accepted the offer of the South Australian Branch of the Economic Society of Australia and New Zealand to provide an annual prize of books to the value of £10/10/- and one year's free membership of the Society, for the best student in Economics III. The prizeman is required to present a paper to the Society. (D. 190/37.)

Awards.

For previous awards, see Calendars from 1945.

1957	Lawrence, Margaret E.	1959	Robertson, Robert M.	} equal
1958	Read, Peter J.		Scarman, Ian E.	

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 217.

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 degree of Bachelor of Economics.

For conditions, see Statutes, Chapter XXXVI, page 214.

Awards.

For previous awards, see Calendars from 1919.

1955	Haslam, Gavin Morris	1956-9	No awards
	Johnson, Robert John	1960	Freney, Roger Q.

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 223.

Awards.

For previous awards, see Calendars from 1931.

1947 Thompson, James Andrew 1955 Martin, Ian S.
1951 Wheaton, Roger Phillip

The Archibald Mackie Bursary.

This bursary was founded in 1915 in memory of the late Archibald Mackie, formerly Secretary of the S.A. Commercial Travellers' Association.

For conditions, see Statutes, Chapter XVIc, page 195.

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 207.

Awards.

For previous awards, see Calendars from 1913.

1956 Dixon, John 1958 Luke, David A. T.
1957 Terrell, Richard D. } equal 1959 Sherwin, Rolf M.
Tremlett, Ian W. }

Australian Society of Accountants Prizes in Accountancy.

For six years, from 1947, the Commonwealth Institute of Accountants provided the sum of £30 a year for five years for the purpose of providing Prizes in Accountancy. In 1953, responsibility for providing the Prizes was assumed by the Australian Society of Accountants. The Prizes, at first known as the Commonwealth Institute of Accountants Prizes in Accountancy, have been known since 1953 as The Australian Society of Accountants Prizes in Accountancy. They are awarded in accordance with the following rules:

1. Two prizes, each of the value of £15, are offered annually.
2. Provided that there are candidates of sufficient merit, one prize shall be awarded to the candidate in Elements of Accounting (till 1956 in Accountancy I) and the other to the candidate in Management Accounting (till 1956 in Accountancy II), who gains the highest marks for his exercise, essay and examination work in the subject throughout the year.

3. Each prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Professor of Commerce.

4. If in any year the course of lectures in Elements of Accounting or Management Accounting is not given, the prize in that subject shall lapse for that year.

Awards.

For previous awards, see Calendars from 1953.

- | | | |
|------|--|---------|
| 1956 | Billinghurst, 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) | |
| 1958 | Henderson, James Y. (Elements of Accounting) | |
| | Dawe, Arthur B. S. (Management Accounting) | |
| 1959 | Fowler, Trevor J. (Elements of Accounting) | |
| | Henderson, James Y. (Management Accounting). | |

The Institute of Chartered Accountants in Australia Prize in Financial Accounting.

The South Australian State Council of the Institute of Chartered Accountants in Australia has offered to provide annually the sum of £10/10/- for a prize in Financial Accounting, and the following rules have therefore been made:

1. A prize to the value of £10/10/- is offered annually.
 2. Provided that there is a candidate of sufficient merit, the prize shall be awarded to the candidate in Financial Accounting, who gains the highest marks for his exercise, essay and examination work in the subject throughout the year.

3. The prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Professor of Commerce.

4. These rules may be varied by the Council, but the title and purpose of the prize shall not be altered without the consent of the Institute of Chartered Accountants in Australia.

Awards.

- | | | | | |
|------|----------------------|---------|------|------------------|
| 1957 | Mills, Bernard J. } | } equal | 1958 | Fowler, Peter T. |
| | Rogers, Jeffrey N. } | | 1959 | Adams, Harry C. |

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 was awarded annually to the candidate placed first in the list of candidates who pass with credit in the annual examination in Cost Accounting until the course in Cost Accounting was discontinued in 1960.

Awards

For previous awards, see Calendars from 1954.

1956	Branson, Kenneth George	1958	Day, Ian M.
1957	No award	1959	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 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.

For previous awards, see Calendars from 1955.

1956	May, Geoffrey Ernest	1958	Robertson, Robert M.
1957	Terrell, Richard Dean	1959	No award

The Royal Institute of Public Administration Medal and Prize.

RULES.

Whereas the Council has accepted the offer of the South Australian Regional Group of the Royal Institute of Public Administration to provide annually a medal and prize for Public Administration, the following rules are hereby made:

1. The medal and prize shall be known as the Royal Institute of Public Administration Medal and Prize and shall be awarded annually to the candidate who, on completing the course for the Diploma in Public Administration, shall in the opinion of the examiners, be the most distinguished and be considered by them worthy of the award.

2. No candidate shall be eligible for the award if he fails to complete the course for the Diploma within six years of his entering upon the course except for special reasons allowed by the Council, nor

shall any candidate be eligible if he has received exemption from examination in any subject in the course.

3. These rules may be varied by the Council from time to time but the title and general purpose of the award shall not be changed.

Awards.

1957 Taeuber, Kenneth Charles 1959 No award
1958 Belchamber, Kenneth

FACULTY OF ARCHITECTURE.

The Kenneth and Hazel Milne Travelling Scholarship.

Mr. F. Kenneth Milne has given the sum of £5,000 to establish a postgraduate travelling scholarship in Architecture.

For conditions, see Statutes, Chapter LXXXI, page 248.

The Asbestolite Proprietary Limited Award in Architecture.

Whereas Asbestolite Proprietary Limited has agreed to provide an annual award of £50 in Architecture, the following rules are hereby made:

1. The award shall be known as "The Asbestolite Proprietary Limited Award in Architecture." The purpose of the award shall be to assist the holder to travel to other parts of Australia for architectural study.

2. The award shall be made annually to the matriculated student in the Fourth Year of the course for the degree of Bachelor of Architecture, who, in the opinion of the Board of Examiners, most distinguishes himself in the annual examinations, provided that no award shall be made if no student is of sufficient merit.

3. Each student to whom an award is made shall submit a report on his studies under the award to the Professor of Architecture within twelve months of the award.

PHYSIOTHERAPY.

The Kate Gilmore Reid Prize.

Whereas the Australian Physiotherapy Association South Australian Branch Incorporated has offered to provide an annual prize of £5 in memory of the late Kate Gilmore Reid, the following rules are hereby made:

1. The prize shall be known as the Kate Gilmore Reid Prize.

2. It will be paid direct to the successful candidate by the Australian Physiotherapy Association.

3. It shall be awarded annually on the results of the November examination to the final year student in Physiotherapy whose practical work is carried out with the greatest care and intelligence and in a manner most likely to benefit the patient and assist in the smooth running of the Physiotherapy Department.

Awards:

For previous award, see Calendar for 1959.

1956 Cornell, Janet-Clare 1958 Gillman, Meredith E.
1957 Hosking, Elizabeth Mary 1959 Price, Joanna

SCHOLARSHIPS TENABLE IN DIFFERENT FACULTIES.**The I.C.I.A.N.Z. Research Fellowship.****RULES.**

Whereas Imperial Chemical Industries of Australia and New Zealand Ltd. has agreed to provide the sum of £A1,100 a year for a research fellowship in the University of Adelaide, the following rules are hereby made:

1. The Fellowship shall be called "The I.C.I.A.N.Z. Research Fellowship" and shall be of the annual value of £A1,100.

2. The object of the Fellowship is to promote knowledge in a field which has some direct relation to the scientific interests and national responsibilities of Imperial Chemical Industries of Australia and New Zealand Ltd. Accordingly the Fellowship may be awarded to a candidate who proposes to undertake research on a subject or topic in Agricultural Science, Applied Chemistry, Biochemistry, Chemistry, Chemotherapy, Engineering, Mining, Metallurgical and Chemical Engineering, Pharmacology, Physics or some other subject approved by the University.

3. Any subject of a nation of the British Commonwealth who is a graduate of a recognised University may be a candidate for the Fellowship.

4. The Fellowship will be awarded for a period of two years but may be terminated earlier if the Fellow's work or progress is not satisfactory. In special circumstances it may be renewed for a third year, but not longer. Tenure (and salary) will begin on the date on which the Fellow takes up duty in Adelaide.

5. A Fellow may be permitted to undertake teaching duties within the University in addition to research activities for which the Fellowship is granted.

6. An applicant must give particulars of his age, his academic record, and his previous research work including a list of publications (if any), must state as specifically as he can the subject on which he would wish to undertake research if awarded the Fellowship, and must give the names and addresses of two referees of whom confidential opinions may be sought. If his research will involve special or expensive apparatus he should state his requirements.

7. No provision is made for a candidate's fare to Adelaide.

Awards.

For previous award, see Calendar for 1959.

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)

1959 Moritz, Alan Gilbert, B.Sc.

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.

For previous award, see Calendar for 1959.

- 1958 Buttrose, Mark Sinclair, B.Ag.Sc.
 Posen, Solomon, B.A. (Manc.), M.B., B.S.
 1959 Treloar, Francis E., B.Sc.
 Wells, Cedric B., B.Ag.Sc.

1960 Forbes, Ian J., M.B., B.S.
 Henning, Frederick R., M.D.S.
 Snoswell, Alan M., B.Sc.

The Chapman Memorial Scholarship.

RULES

Whereas a sum of money* has been given to the University for the purpose of establishing a Scholarship in memory of James Chapman and of his sons Stirling and Rodney Chapman, the following Rules are hereby made:

1. The Scholarship shall be known as the Chapman Memorial Scholarship.

2. The scholarship shall be awarded annually to a candidate who, having been a student of King's College, Adelaide, has been recommended to the Council by the Headmaster of King's College and has matriculated in either the Faculty of Science or the Faculty of Engineering. Provided that no award need be made if, in the opinion of the Headmaster of King's College, no eligible person is worthy of the award.

3. The Council may, in its discretion, terminate the tenure of the Scholarship of any Scholar who does not continue with his course or whose progress in his studies is unsatisfactory; and in such case the Scholarship may be awarded to another person in accordance with rule 2.

4. The period of tenure of each Scholarship shall normally be three years, with power for the Council to increase this period in the case of a student whose course in either of the above Faculties extends beyond three years.

5. So long as the fund and the income thereof suffice for the purpose, each Scholarship shall be of the value of £45 a year, which shall be paid to the Scholar in three equal instalments, one at the beginning of each term in the year or years in which the Scholarship is current.

6. These Rules may be varied from time to time by the Council, but the title and purpose of the Scholarship shall not be changed, nor shall the Scholarship be awarded save on the recommendation of the Headmaster of King's College, Adelaide.

Award.

1957 May, Kevin Ronald

* About £1,400.

William Donnithorne Awards.

RULES.

Whereas the late William Donnithorne has bequeathed to the University the sum of £2,050, the income of which shall be applied annually "to assist one medical student and one law student to continue their studies as the Chancellor of the University may decide," the following Rules are hereby made:

1. Two awards, each to be known as a William Donnithorne Award, shall be available each year.

2. The value of each award shall be determined by the Chancellor when he makes it.

3. Each award shall be tenable for one year, but a candidate shall be eligible to receive an award for more than one year.

4. To be eligible for an award an applicant must have completed at least one full year's work in his course.

5. Both academic record and financial need will be taken into account in determining awards. A candidate must therefore give particulars of all other monetary awards (if any) that he holds and of his own and his parents' financial circumstances.

6. In the absence of any suitable candidate wishing to continue undergraduate studies an award may be made to a graduate to enable him to undertake studies in the Faculty concerned.

7. Applications in writing shall be lodged with the Registrar not later than March 1 in the year for which the award is sought. Applications must give the particulars referred to in Rule 5 above, and in the case of candidates wishing to undertake graduate studies particulars of the studies proposed.

D. 1088/52.

Australian Atomic Energy Commission Undergraduate Scholarships.

The Australian Atomic Energy Commission provides each year a number of Undergraduate Scholarships in Geology, Geophysics, Metallurgy and Chemical Engineering. They are open to British subjects domiciled in Australia and enrolled in an approved course of study leading to a degree in Science or Engineering.

The basic value of each Scholarship is £300 in the first year, with annual increments of £25. All tuition fees of a compulsory nature are paid by the Commission which will, in addition, make an allowance for books and an allowance, at the rate of £65 a year, to scholarship holders who are required to live away from their homes during training.

Further particulars may be obtained either from the Registrar of the University (D. 380/56) or from the Secretary, Australian Atomic Energy Commission, Sydney, New South Wales.

Australian Atomic Energy Commission 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.

- 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.
Field, Graham J., B.E.
- 1959 Mathews, Brian W., B.Sc.
Messenger, Malcolm J., B.E.

Shell Postgraduate Scholarships.

1. Applied Science.

The Shell Petroleum Company Limited, London, offers annually on behalf of the Royal Dutch-Shell Group of Oil Companies two scholarships, tenable in the United Kingdom, for post-graduate work in the applied sciences. The scholarships are designed to enable the holders, being 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 valued at £750 sterling per annum. The cost of the passage to the United Kingdom and the return passage to Australia, if effected within 12 months of completion of the scholarship period, will be paid by the Shell Company of Australia Ltd.

The selection of the Australian candidates will be made on behalf of the Shell Petroleum Company Limited by a Selection Committee in Australia and full particulars of the selected candidate will be sent to the U.K. Residence will normally be taken up in October of the year during which the scholarships begin. Allowances will be paid quarterly, the first instalment being paid on the first day of the term in which the candidate takes up residence at the University.

These scholarships are open to candidates who, being male British subjects, have been domiciled in Australia for the last five years and have taken with high honours a first degree in science or engineering at an Australian University, or expect to complete such a degree in 1958. In order to obtain the degree of Ph.D. at Cambridge a year's research in the Australian University is essential before going to Cambridge. Candidates should normally be under 25 years of age at the date of application.

Applications are desired from single men, but consideration will be given to married men; however, married men would need to cover the cost of the wife's passage to and from the United Kingdom.

2. Arts, Commerce, Economics, Law.

The Shell Company of Australia Limited offer annually up to three Post-graduate Arts Scholarships, each of which provides for two years' study at the Universities of Oxford or Cambridge. These Scholarships are each valued at £750 sterling per annum, plus passages.

Candidates must be in the final year of a full-time course for the degree of Bachelor of Arts, Commerce, Economics or Law at an

Australian University. In addition candidates must be male British subjects with at least five years domicile in Australia, under the age of 25 years, unmarried, not currently holding another scholarship for overseas study, and free to accept an offer of employment with the Shell Company if such an offer is made and the candidate wishes to accept.

3. Selection.

The selection will be made by a committee comprising senior members of University staff and representatives of the Management of the Shell Company of Australia Ltd. Consideration will be given to academic ability and achievements or distinctions in other spheres as evidence that a candidate may ultimately have an important contribution to make to the commercial life of the community. State finalists will be required to present themselves for medical examination at the Company's expense prior to visiting Melbourne for final selection in December.

4. Applications.

Applications for these Scholarships should be made to the Staff Manager, The Shell Company of Australia Limited in the capital city of the State in which the applicant resides, by 31st October. Special forms and further information are available from the Registrar.

Awards to Adelaide Candidates.

Applied Science:

- 1954 Brett, Horace W. W., B.Sc.
- 1955 McCarthy, Ian E., B.Sc.
- 1958 Hearn, Anthony C., B.Sc.

Arts:

- 1956 Schneider, Michael P., B.A. (Special Award).

General Motors-Holden's Postgraduate Research Fellowships.

At the beginning of the 1957 academic year, General Motors-Holden's Limited made available to Australian Universities 25 Fellowships, each of the value £800-£1,200, to enable young graduates of outstanding talent to undertake research. The University of Adelaide has been allocated two of these Fellowships, with the possibility of an additional one in certain circumstances.

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.

For previous awards, see Calendar for 1959.

- | | | |
|------|---|---------------|
| 1958 | Mortimer, Peter Inkster, M.Sc. | } awarded for |
| | Thompson, Malcolm James, B.Sc. |  | second year |
| 1959 | Mortimer, Peter I., M.Sc. (awarded for third year). | |
| | Nicol, Lawrence W., B.Sc. | |
| | Nilsson, Carl S., B.Sc. | |
| 1960 | Gooden, John E. A., M.Sc. | |
| | Mumme, William G., M.Sc. | |
| | Nicol, Lawrence W., B.Sc. | } awarded for |
| | Nilsson, Carl S., 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.

Award.

1960 Charnock, John S., B.Sc.

The David Murray Scholarships.

These scholarships, of the value of £25 each, were founded by the late David Murray, a former member of the Council of the University.

For conditions, see Statutes, Chapter XXXI, page 210.

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 scholar-

ship 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.

- 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
 1959 Arts—Nettelbeck, Colin W.
 Law—Cornish, William R.

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 217.

Awards.

For previous awards, see Calendars from 1923.

- | | | | |
|------|----------------------|------|-------------------|
| 1952 | Thompson, Malcolm J. | 1958 | Snoswell, Alan M. |
| 1954 | Gooden, John E. A. | 1959 | Ramsey, George C. |

The Eric Smith Scholarship.

This scholarship was founded in memory of Lieutenant Eric Wilkes Smith, who was mortally wounded in the attack upon the Dardanelles on 25th April, 1915.

For conditions, see Statutes, Chapter XVIb, page 195.

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
(resigned) | 1957 | Woods, Meredyth Tenison- |

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.

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 1960 is—

Arms and the Charter: the problem of collective security.

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 200.

Awards.

For previous awards, see Calendars from 1911.

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.
1954	Kersten, Lee Irving	1958	Elix, John A.

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; South Australian Institute of Technology 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 first year of study under the Scholarship. If fees are more than £10 in the first year, fees in subsequent years will be paid although they may be less than £10. Provision is made for reimbursement of the fare in excess of £2/10/- 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 £221 per annum in the case of a scholar living with his parents and £338 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 £720. 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 £150 for the first dependent child (other than the scholar) under 16 years of age and £75 for each other dependent child under 16 years of age.

The maximum allowances are reduced at the rate of 4/- for every £1 by which the adjusted family income exceeds £720, between £721 and £1,440, and by 6/- for every £1 above £1,440.

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 if the parents' income is such that benefits of £10 or more may be received from the Commonwealth Scholarship.

Applications must be made on the prescribed form. The closing date is 30th November each year and applications must be lodged

with the 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.

(c) The relative value of the subjects shall be fixed from time to time by the Director: Provided that, in the competition for the Leaving Bursary six subjects shall be the maximum number for which a candidate may claim credit including Drawing and Music if all sections of each such subject have been taken within the year of application, but only two of the subjects, Arithmetic, Mathematics I and Mathematics II shall be counted.

(2) (a) Twelve Honours Bursaries to be awarded by the Minister on the results of the Leaving Honours Examination of the University of Adelaide. Every candidate who has passed in at least four subjects of the Examination shall be eligible for the award of an Honours Bursary. The result shall be determined by adding together the marks obtained by the candidate in not more than five subjects in the said examination. Pure Mathematics counts as two subjects. The relative values of the subjects of the said Leaving Honours Examination shall be fixed from time to time by the Director.

(b) Honours Bursaries shall be awarded only to those deemed by the Minister to be of sufficient merit.

(c) Candidates must be under 19 years of age on the 31st day of December of the year in which they compete and must not previously have attended any part of the undergraduate course of the University of Adelaide in those subjects in which they are competing for an Honours Bursary.

(d) To perpetuate the memory of the late Hon. Archibald Henry Peake, former Premier and Minister of Education of the State, the first of the said Honours Bursaries awarded in each year shall be known as the "Archibald Henry Peake Bursary."

12. No beneficiary under any other Education Scheme shall be eligible for award of a Bursary unless he foregoes such other assistance, nor shall any Bursary be awarded to any candidate for whose education at the University provision has been made out of public fund, unless otherwise approved by the Minister, but the Angas Engineering Exhibition may be held in conjunction with a Leaving Bursary and an Honours Bursary may be held in conjunction with the Hartley Studentship.

13. No candidate shall be awarded a Bursary unless he has completed the matriculation requirements for the Faculty in which he proposes to study.

14. The Bursaries shall be tenable at the University of Adelaide for any course for which the bursar is eligible, and shall consist of a maintenance allowance at the rate of £13/6/8 per term.

In addition, in respect of such period of time (if any) as it is necessary for a bursar to board away from home to attend the University of Adelaide, or if the Director is satisfied that such bursar

could not have the benefit of the Bursary without additional assistance, or if his parents or guardian reside outside the State for any period of time during the tenure of his Bursary, the rate of maintenance may be increased to an amount not exceeding £38/6/8 per term in respect of such period of time as that condition exists, or alternatively a travelling allowance at a rate not exceeding £5 per annum may be paid, but no bursar shall be paid both a maintenance allowance beyond £13/6/8 per term and a travelling allowance. Travelling allowance shall not be payable to a bursar living in the metropolitan area as defined in regulation 1 of this part. Bursaries shall also be tenable for any full-time diploma course of the School of Mines.

15. Honours Bursaries shall exempt the holders from all fees, other than fees for supplementary examinations, payable to the University of Adelaide in the courses for the degrees and from all fees payable to the South Australian Institute of Technology.

The Council of the University of Adelaide has agreed to remit in respect of Leaving bursars all fees other than fees for supplementary examinations payable to the University of Adelaide in respect of degree courses. The South Australian Institute of Technology Council has agreed to remit all fees payable for courses taken by Leaving bursars.

Bursars taking the Bachelor of Agricultural Science Course shall be exempt from all fees payable to the Roseworthy Agricultural College and holders of Bursaries in Medicine shall be exempt from all fees payable for hospital instruction and to the Queen's Home.

16. A bursar taking a course which provides for study partly at the University of Adelaide and partly at a University in another State shall be exempt from all fees payable to the University in the other State and shall be paid the full maintenance allowance during his attendance at that University.

17. Subject as hereinafter provided in the year following the examination each successful candidate whose bursary is tenable at the University must enter the University of Adelaide as an undergraduate in such degree or diploma course or courses or degree and diploma courses as may from time to time be approved by the Honourable the Minister of Education. A candidate who enters as an undergraduate student in Science may take any one of the courses, including the special course in Agricultural Science given by the University in conjunction with the Roseworthy Agricultural College. Subject as hereinafter provided in the year following the examination each successful candidate whose bursary is tenable at the South Australian Institute of Technology as a student in such full-time diploma course or courses as may from time to time be approved by the Minister.

18. Except in the case of illness or other sufficient cause, each bursar must in order to retain the Bursary attend all lectures and pass all examinations required in the selected course. Notwithstanding anything herein contained in any case in which it is considered desirable by the Director, the candidate may postpone his entry to the University for one year, or in special circumstances for a longer

period not being later than the first term of the third University year immediately following the award as the Director determines.

In the case of a Leaving bursar not coming within the scope of paragraph 19 hereof, he may be granted an allowance at the rate of £10 per annum during his attendance at a Secondary School for the approved period of postponement, provided he is not the holder of an Intermediate Exhibition.

19. (1) A student awarded a Leaving Bursary pursuant to and in accordance with either Division I or Division II of paragraph 11 (a) hereof, whose permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense, may, with the approval of the Director, postpone his entry to the University for one year if he so desires, provided he remains for that year at a school approved by the Director, and undertakes to sit for the Leaving Honours examination at the end of that year.

(2) In such a case, provided he is not the holder of an Intermediate Exhibition, he may be paid an allowance at the rate of £30 per annum plus a boarding allowance at the rate of £75 per annum in respect of such period of time (if any) as his permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense.

(3) If a student who has been paid the allowances referred to in paragraph (2) does not pass the Leaving Honours Examination, his Bursary shall lapse unless he produces a certificate from the Head Master of his school that he is fitted to enter upon a University Course, in which case he shall be permitted to retain the Bursary.

20. A student holding a Leaving Bursary whose entry to the University has been postponed will not be eligible to compete for an Honours Bursary while holding a Leaving Bursary, but his name will be included in order of merit in the Leaving Honours list.

21. If the Director is satisfied that the holder of the Bursary is not making satisfactory progress or that his attendance or conduct at the University or Institute of Technology is unsatisfactory, payment of the monetary allowance involved may be reduced or withheld at the discretion of the Director, or he may recommend to the Minister that the Bursary be terminated.

22. Application from intending competitors must be received in the Education Office on or before the 31st day of October of the year in which they compete, and must be on the official form.

23. In the event of a Bursary lapsing or being forfeited, the money may be used within twelve months of such lapse or forfeiture, either in providing an additional Leaving Bursary or Honours Bursary, as the case may be, or as the Minister directs.

For awards, see the Manual of the Public Examinations Board.

Evening Studentships.

24. Four studentships shall be offered annually for competition by persons attending or proposing to attend evening lectures at the University or the South Australian Institute of Technology with a view to graduating or securing a diploma. These studentships shall be awarded to candidates whose occupations or circumstances prevent them attending the day lectures.

25. The value of a studentship shall be the fee for attendance at lectures in the subject or subjects taken by the student up to a maximum of £21 in any one year; and in the case of a student taking a science-type course, additional fees for practical or laboratory work up to a maximum of £15 in any one year.

The studentship shall not pay the matriculation fee, the Statutory Annual Fee, the General Service Fee, nor shall it pay tuition fees beyond the value of the studentship. The student shall be responsible for these and for books and equipment.

26. Studentships may be offered for any degree or diploma course at the University of Adelaide or the South Australian Institute of Technology for which lectures may be attended after 5 p.m. from Monday to Friday or on Saturday mornings.

27. There shall be no restriction as to the age of candidates except that a candidate must be of the minimum age stipulated by the institution for the required course of study.

28. Applicants must have satisfied the requirements for matriculation in the Faculty or entrance upon the diploma course in which the applicant desires to enrol.

29. No candidate who holds any other Scholarships, Bursary, Cadetship or other financial award for studies at the institution shall be eligible for an Evening Studentship.

30. Each award shall be renewable on annual application up to a total of not more than five years. Renewal shall be dependant upon satisfactory progress.

The Minister, on the recommendation of the Director, may withdraw or refuse to renew any studentship if it is considered that the student is not making satisfactory progress.

Fees for any subject shall be paid once only.

No holder of an Evening Studentship who has had it withdrawn for any reason shall be eligible for the award of an Evening Studentship at a later date.

31. Payment of lecture fees within the limits stated in paragraph 25 shall be made direct to the institution on demand. The Minister may cancel the studentship awarded to any student who has, without reasonable excuse, failed to attend such lectures diligently, and regularly and the training institution shall be asked to refund the unused proportion of the fees paid.

32. Candidates for Evening Studentships must apply to the Director of Education in writing on or before 1st February of the year in which the applicant desires to hold the studentship. Each candidate shall state:—

1. His age, whether at work during the day, how employed, and what salary or wages he receives.

2. His qualifications in point of knowledge, namely:—

- (a) Particulars of any public examinations he has passed.
- (b) If he already holds a studentship and is applying for continuation, what work he has done and what examinations he has passed while holding it.

33. Studentships which are withdrawn or are discontinued shall lapse and shall not be re-allotted during the year. The maximum of new awards in any year, irrespective of the number of continuations, withdrawals, or relinquishments, shall be four.

Commonwealth Postgraduate Awards.

The Commonwealth Government has agreed to provide each year a number of awards for postgraduate study and research at Australian universities. One hundred of these awards were made available for 1959, of which 80 were allocated for direct award by the Australian Universities. The remaining twenty were reserved for award on the advice of the Australian Vice-Chancellors' Committee to candidates not included in the quotas allocated to the individual universities. Adelaide's direct allocation was eight.

The value of an award in the University of Adelaide is normally £700 a year. The award is tenable for one year in the first instance, and may be renewed annually up to a maximum of four years' tenure.

All applicants must be graduates or students who expect to graduate shortly after application. The candidate must be domiciled in Australia; a good Honours degree is expected; and a graduate or graduating student of another Australian University may apply.

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

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

Awards for 1960.

Clegg, Michael J.	Johns, Rodger N.
Colvill, Anthony J. E.	Jorgensen, Francis R. A.
Dodman, Robert L.	Jory, Rodney L.
Gottschall, Martin	Liljegren, David R.
Hyslop, Alexander (relinquished)	Molhuysen, Philipp C.

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 £750 (sterling) a year. This stipend should be sufficient to enable a Scholar, with care, to meet his necessary expenses for term time and vacations, but those who can afford to supplement it to a modest extent from their own resources are advised to do so.

As from October, 1959, a Scholar *in his third year* may be permitted to marry without being deprived of his stipend. The regulations governing permission to marry will require evidence to be shown that the joint income of husband and wife is likely to be sufficient to keep them in adequate comfort, and that suitable accommodation has been found.

The 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.

1955	Wilson, Ian Bonython C.	1958	Casley-Smith, John R., B.Sc.
1956	Pocock, Edward Robert	1959	Terrell, Richard D.
1957	Evans, David Wyke	1960	Smyth, Michael E. B.

ROYAL COMMISSIONERS FOR THE EXHIBITION OF 1851.

Scholarship Awards.

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

Bursary Awards.

1901	Cooke, William T., B.Sc.	1911	Jauncey, G. E. M., B.Sc.
1904	Kleeman, Richard D., B.Sc.	1913	Sanders, Harold W., B.A.

The Gowrie Scholarship Trust Fund.

The Gowrie Scholarship Trust Fund offers annually two kinds of scholarships for University students: (a) four scholarships, each of the value of £100 a year, tenable at an Australian University for the normal length of the course being undertaken (with a possible extension, in special circumstances, for a further period not exceeding one year); (b) two postgraduate travelling research scholarships, each of the value of £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 Canteen Trust Fund Post-graduate Scholarship.

The Trustees of the Services Canteens Trust Fund offer each year a postgraduate Scholarship for competition amongst graduates who are the children of men or women who served in the Australian forces during the 1939-45 War. The Scholarship is valued at £A1,000 a year and is tenable abroad for a period up to three years.

In awarding the Scholarship the Trustees will take into account: (i) academic career; (ii) ability for research work; (iii) character; and (iv) the future value to Australia of the subject of research or study.

Further particulars may be had on application at the Registrar's office.

The William Culross Prize for Scientific Research.

RULES.

Whereas the late Mrs. Gertrude Culross has bequeathed to the University the sum of £250 for the purpose of providing an annual prize for scientific research, the following rules are hereby made:

1. The prize shall be called "The William Culross Prize for Scientific Research."

2. The value of the prize shall be £8 or an amount equal to the annual income from the bequest, whichever is the less, and shall be paid to the prizewinner in one sum.

3. The prize shall be awarded annually to the student who, being enrolled as a full-time student proceeding to a higher degree in science or engineering, shall have most greatly distinguished himself in scientific research in that year in the prescribed Group of sciences. The award shall be made by the Council on the recommendation of the General Research Committee.

4. For the purposes of Rule 3, the following Groups have been prescribed:

Group I—The biological sciences.

Group II—The physical sciences.

Group III—The sciences studied in the Departments of the Waite Agricultural Research Institute.

5. The prize shall be offered for competition for the first time in the year 1953 and shall be awarded for work done during that year in one of the sciences in Group I; thereafter it shall be awarded annually for work in each Group in rotation: provided that, if in the opinion of the General Research Committee there is in any year no candidate of sufficient merit in the Group appropriate to that year, the prize may be awarded to a candidate from either of the other two groups; but such award shall not affect the strict order of annual rotation of the three Groups.

6. If in any year no candidate is considered by the General Research Committee to be of sufficient merit the prize shall not be awarded for that year but the Council may, in the next or in any subsequent year, award two prizes if there be two candidates (not necessarily both in the same Group) who are recommended by the General Research Committee as being of sufficient merit.

Awards.

For previous award, see Calendar for 1959.

1954 McCarthy, Ian E., B.Sc.

1955 Martin, Peter Gordon, B.Sc.

Prox. acc.:

Davidson, James Logie, B.Ag.Sc.

Panabokke, Christopher Rajendra, B.Sc. (Ceylon) } equal

1956 Monro, John Malcolm, B.Sc.

1957 Coates, John Hewlett, B.Sc. (Nott.), Ph.D. } equal

Thompson, Malcolm James, Ph.D.

1958 Buttrose, Mark S., B.Ag.Sc.

1959 Snoswell, Alan M., B.Sc.

Mining and Metallurgical Bursaries and Scholarships.

The principal Australian base-metal mining companies have created a trust for the award of bursaries to selected candidates likely to enter the mining and metallurgical industries. A bursary is worth £50.

A candidate must be a British subject and have completed or received credit for the first two years of the course for the degree of Bachelor of Engineering in Mining Engineering or in Metallurgical and Chemical Engineering, or for the degree of Bachelor of Science with Geology as a major subject.

Applications must be lodged with the Registrar of the University not later than December 31, and should contain evidence of personality and scholarship.

Awards are made only when there are candidates of sufficient merit. More detailed information can be had on request to the Registrar.

Scholarships at Other Australian Universities for which Adelaide Students or Graduates May Compete.

There are, in the University of Melbourne, a number of awards for which students or graduates of other Universities are eligible to compete.

They are:

- The Argus Research Scholarship in Engineering.
- The Grimwade Prize in Industrial Chemistry.
- The Harbison-Higinbotham Research Scholarship.
- The John Melvin Memorial Scholarship.
- The Ernest Scott Prize.
- The Stawell Scholarship.
- The David Syme Research Prize.
- The Arthur Sims Travelling Scholarship.

The regulations governing the 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 demit all or any of the fees payable to the University.

The University Research Grant.

The University Research Grant serves two purposes: to enable suitable young graduates to be trained in the principles and methods of original research and to promote research in the physical, biological and social sciences. The Grant therefore provides for the support of both trainee and qualified research workers and for the purchase of equipment and maintenance materials and for other expenses associated with the prosecution of approved research projects.

The grades and minimum qualifications of research workers for whom living allowances may be provided from the Grant are as follows:

1. *Junior Research Scholar*: A good Ordinary degree. Very few awards are made in this category; those that are made are intended to enable a Scholar to proceed to an Honours degree.
2. *Research Scholar*: A student whose minimum qualification is an Honours degree, or the equivalent, and who is studying for a Master's or a Ph.D. degree.

3. *Postdoctoral Research Fellow*: A student newly qualified to receive the degree of Ph.D., who—

- (i) is of exceptional quality;
- (ii) wishes to stay in the University for a period not normally exceeding two years; and
- (iii) is capable of conducting independent research and of assisting in the training of postgraduate students in a field of research of interest to his department.

Detailed particulars, including the living allowances payable in each grade, may be obtained from the Registrar. A potential candidate should consult the Head of his department (normally not later than September in any year) about the likelihood of his being recommended for an award.

SOCIETIES ASSOCIATED WITH THE UNIVERSITY.

Note: Enquiries as to the office-bearers of all student societies should be made of the Secretary of the University Union (Mr. H. Swales Smith).

Adelaide University Graduates' Union.

A Graduates' Association was founded in 1920 for the general purpose of promoting the spirit of corporate unity among the members of the University. The Association was re-constituted in 1952 under the name of the Adelaide University Graduates' Union. In 1953 it furnished and equipped a Graduate Centre in the old Anatomy Building, where a luncheon service is provided; members are entitled 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 Graduates' Union at the University.

The Graduates' Union Committee is elected annually and consists of a President, a Vice-President and seventeen members.

The activities of the Graduates' Union, which are open to all members, have included an annual luncheon for new graduates, discussion meetings, social functions and debates between graduate and student teams.

The Graduates' Union publishes a Gazette four times a year to keep its members informed on University affairs.

Adelaide University Union.

The Union is the social and cultural centre for those University activities not specifically included in the academic syllabus. It endeavours to provide a common meeting ground for staff, graduates and students.

The objects of the Union are:—

1. to promote the intellectual culture of its members;
2. to represent its members on matters affecting their interests, and to afford a recognised means of communication between its members and the University authorities;
3. generally to secure the co-operation of University men and women in furthering the interests of the University.

The affairs of the Union are conducted by the Union Council and various committees appointed by the Council, notably the Union House Committee, the Union Hall Committee, and the Union Finance Committee.

The membership of the Union Council comprises:

(i) *Ex officio members*:

- (a) The Warden of the Union;
- (b) The Honorary Treasurer of the Union; and
- (c) The Registrar of the University.

(ii) *Elected members*:

- (a) Two nominated by the University Council;
- (b) Two nominated by the Staff Association;
- (c) Two (one man and one woman) nominated by the Graduates' Union;
- (d) Three nominated by the Sports Association of whom at least two must be undergraduates;
- (e) Three nominated by the Students' Representative Council; and
- (f) Three nominated by the Union.

The major constituent bodies are:—(i) The Graduates' Union; (ii) The Students' Representative Council; (iii) The Sports Association. Each constituent body of the Union directs a considerable number of activities and may administer any number of subsidiary associations, e.g. societies, sports clubs, etc.

Lunch, morning and afternoon tea, and dinner can be obtained in the refectory by members of the Union. The George Murray Common Room remains open until 10 p.m., and supper is served from 7 p.m.

In 1926 the Hon. Sir Josiah Symon, K.C.M.G., K.C., gave £9,500 to provide the Lady Symon Building for the Women's Union. His objects were to secure a common meeting ground and a social as well as an academic centre for women members of the University; to encourage the intellectual development of its members by discussions and debates, and otherwise to provide community and exchange of thought and foster the growth of a corporate spirit among University women; and to mark his own happy personal association with the early work of the University as a member of its Council and its active Committees for eight years.

In 1936 the Hon. Sir George Murray, K.C.M.G., Chancellor of the University, gave £10,000 for a building for the Men's Union. The building provides accommodation for undergraduate activities, and offices for the Warden and the Students' Representative Council.

The original Union buildings were provided by gifts through a public appeal in 1927, and the cloisters between the refectory and the Lady Symon and George Murray Buildings are a war memorial to those students, graduates and members of staff who served in the Great War (1914-18).

A further public appeal launched in 1955 raised over £100,000, and with a similar contribution, the University Union Hall was built and considerable extensions were made to the Union buildings, including a second dining hall, club rooms, and offices for the Union and the Sports Association. The original dining hall was named the Helen Mayo Refectory and the new dining hall the Wills Refectory.

The Union initiated and sponsors the University Health Service which was the first of its kind in Australia. Because of its development and growth the service is now housed in another University 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 35,000. The National Union represents students in discussions with Commonwealth Government authorities, the Australian Universities Commission and the Australian Vice-Chancellors' Committee. Among its annual activities are a National Drama Festival, Inter-arsity Debates and a National Art Exhibition. In addition it organises the activities of Faculty Associations throughout Australia.

The Students' Representative Council Office is situated at the eastern entrance to the Cloisters.

Adelaide University Sports Association.

The Sports Association was formed in 1897, and now includes, as amalgamated clubs, lacrosse, boat, pennant tennis, table tennis, athletics, football, cricket, rifle, baseball, golf, hockey, boxing and wrestling, rugby, soccer, men's basketball, badminton, judo, squash, winter pennant tennis, weightlifting, women's tennis, women's hockey, women's athletics, women's cricket, and women's basketball and softball clubs.

Its objects include the furtherance of the interests of amateur sport and of University life in general, the care and management of the University Oval and other playing fields, and the control of the constituent clubs. The inter-University sports and the award of Blues are its special province.

The management of the Association is vested in a General Committee, consisting of a President, Deputy-President, Honorary Treasurer, Honorary Assistant Secretary, two representatives appointed by the Council of the University, one representative appointed by the Graduates' Association, four representatives of the Colleges (one appointed by each of St. Mark's, St. Ann's, Aquinas and Lincoln Colleges), a representative appointed by the Students' Representative Council, a representative of the students enrolled for the Diploma in Physical Education, the honorary secretary of each amalgamated club, and the Registrar or some permanent official of the University appointed by the Council. There is also a permanent Secretary, who attends at his office at the Union Building from 9 a.m. to 5 p.m. daily, Saturdays excepted.

Membership is open to graduates of the University of Adelaide, or of any other recognised University, and undergraduates of the University of Adelaide, or any person who has taken, or is attending lectures for the purpose of taking a diploma or certificate of the University of Adelaide.

Membership of the Association entitles the member to take full part in the activities of any or all of the Association's constituent clubs, including the use of the 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.

The Adelaide City Corporation leases a total area of about 27 acres of park lands to the University for use as recreation grounds by students taking part in the activities of the University Sports Association. All the area so leased is in constant use by the various clubs of the Association.

A boathouse and a pavilion were erected in 1910. Mr. Barr Smith gave £750 for the erection of the boathouse, and 12 donors (R. Barr Smith, T. E. Barr Smith, F. J. Fisher, Chas. Goode, John Gordon, R. T. Melrose, C. H. Angas, A. J. Murray, Sir George Murray, S. S. Ralli, T. Scarfe, Sir Ernest Shackleton, C.V.O., and the Right Hon. Sir Samuel Way, Bart.) gave £100 each towards the erection of the pavilion. Many members of the University and other friends also subscribed to the fund for general purposes.

A footbridge across the River Torrens, provided in 1937 by the Misses Lily and Eva Waite, gives direct access from the Union buildings to the recreation grounds.

The Sports Association also controls, with the Director of the Waite Agricultural Research Institute, a recreation reserve of fifteen acres at Waite Park, Glen Osmond. An oval, a hockey field and a baseball diamond have been established on this ground, and modern changing rooms erected.

The Australian Student Christian Movement in The University of Adelaide.

Founded 1890. Reorganised 1896.

The Student Christian Movement is a member body of the World Student Christian Federation.

The aims of the Movement are to confront students with Jesus Christ and His Gospel and to lead them to commit themselves to Him and His way of life; and further, to help them to grow in His likeness and in the understanding of the Christian faith, as well as to unite them in the fellowship of the Church and in the devotion of their whole lives to the service of the Kingdom of God.

The movement welcomes into its Fellowship of worship, study and service, all students, teachers and others who seek God and the truth by which to live.

The Movement arranges periodical conferences, addresses and discussion groups on matters pertaining to the Christian faith as well as social functions and regular morning devotions.

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

Adelaide University Anglican Society.

The objects of the Society are to promote fellowship amongst Anglican students in the University and to provide opportunities for corporate worship, study and discussion; and to co-operate with the Student Christian Movement. The Society endeavours to provide pastoral care for Anglican students and corporate worship

is the basis of its life. Morning and Evening Prayer are said daily, the office of Sext at lunch-time each Monday, and the Holy Eucharist is celebrated every Friday morning.

Lunch-time and evening meetings are held for the discussion of religious and allied topics, and prominent visiting and local speakers are obtained to give addresses on these occasions. Tutorials on the Bible and the Church's faith are held throughout the year; also a week-end conference in first term and a quiet day in third term.

The Society's programme includes a Freshers' welcome, an Annual Ball, picnics and other opportunities for members to meet together socially.

All Anglican graduates and undergraduates are invited to share in the Society's activities and to set forward their Church's work and witness in the University.

Adelaide University Aquinas Society.

The aims of the Society are twofold:

- (1) to care for the spiritual and social needs of 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 Wednesday and Friday evening in the Chapel at 5.15 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 Victor Harbour 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 Univer-

sity students. Members have a personal knowledge and faith in Jesus Christ as Saviour, Lord and God; and claim this knowledge and faith to be the only sure anchorage of life and thought in an uncertain world. They believe His Gospel to be clearly set out in the Bible, and turn to the Scripture for guidance in all matters of Christian faith and conduct.

Weekly Bible study circles, lunch-hour addresses, and daily prayer meetings are held throughout the academic year. The Union also arranges Missionary Teas during term and end-of-term house parties.

The Annual Conference of the Inter-Varsity Fellowship in Australia is held in one of the State capitals in January. All students are welcome at any of these activities. Further inquiries can be made at the Evangelical Union Room in the George Murray Building or from the President or the Secretary.

Lutheran Student Fellowship.

The objects of the Lutheran Student Fellowship are to gather together Lutheran graduates and undergraduates of the University, to foster in them an interest in, and a responsibility towards, their Church, and to give them an opportunity to discuss in the light of the Lutheran Faith, the problems common to University students.

Throughout the academic year, regular morning devotions, weekly study circles, fortnightly evening meetings, student services, and occasional week-end conferences are held.

A special meeting for the welcome of Lutheran students entering University courses, is held in the first week of every academic year.

Adelaide University Regiment.

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

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

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

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

The Commanding Officer is Lieutenant-Colonel J. A. Pollock, M.C., and the Adjutant Captain B. Wade.

Adelaide University Squadron.

The Adelaide University Squadron was formed in 1951 and is a Citizen Air Force Unit within the Royal Australian Air Force. The object of the Squadron is to provide the Air Force with a reserve of specialist officers who are University graduates.

Students are enlisted into the Squadron, normally in their second year at the University, with the rank of Cadet Officer. During their period of service Cadets must successfully carry out 56 days' training, which is spread over two years. If training is successfully completed Cadets graduate from the Squadron with the provisional rank of Pilot Officer, which rank is confirmed when the student is admitted to his degree or diploma in the University of Adelaide.

Training normally consists of 14 days' home training and 14 days' continuous training a year. Continuous training is usually carried out at a Permanent Air Force Base in one of the Eastern States. Home training parades are held on Tuesday evenings during the three academic terms and other parades are arranged as required to give Cadets ample opportunity to fulfil their attendance requirements without adversely affecting their University studies.

While undergoing training a Cadet is provided with an appropriate uniform and receives remuneration at existing service rates of pay.

The Squadron is organised into five specialist flights: medical, equipment and accounting, administrative, technical, and radio. Students from all faculties in the University are welcomed and usually a student is able to enlist in the flight of his choice.

On graduation, members are placed on the General Reserve for five years and may be eligible for appointment in the Permanent Air Force, or other Citizen Air Force Squadrons.

All enquiries regarding enlistment should be addressed to the Commanding Officer, Adelaide University Squadron, R.A.A.F., North Adelaide. The present Commanding Officer is Squadron Leader A. H. Clark.

Adelaide University Arts Association.

The Arts Association is the co-ordinating body for the activities of the various organisations within the Faculty of Arts. The Association aims to promote the welfare and cultural interests of Arts students and others, by sponsoring combined evenings in which the affiliated clubs participate, by inviting distinguished speakers to the University and by organising the Arts Dinner.

Full membership is open to all Arts students; other students are eligible for associate membership.

The Annual General Meeting is held in the third term.

Dental Students' Society of the University of Adelaide.

This Society was founded by students in 1919.

Objects of the Society:—

- (a) to establish and maintain the students' interest in their own profession, with a view to securing their future success as practitioners;

- (b) to promote and conserve the rights of *bona-fide* dental students;
- (c) to preserve the principles of dental ethics;
- (d) to develop, by interchange of ideas, habits of close observation and investigation;
- (e) to cultivate the pleasure derived from personal contact with fellow-students.

General meetings of the Society are held once a month.

Undergraduates of the University studying for the B.D.S. degree are eligible for membership.

Adelaide University Law Students' Society.

The objects of the Society are:—

- (a) to discuss or debate or otherwise deal with any topic of interest to law students;
- (b) to conserve or advance the interests of law students in matters touching their University life or professional career;
- (c) to advance the interests of law students in sport.

The persons eligible to become members of the Society are:—

- (a) any male undergraduate in law or student at law at the University of Adelaide;
- (b) any male person who has been admitted to the degree of Bachelor of Laws or has obtained the Final Certificate in Law at the University of Adelaide;
- (c) any male practitioner of the Supreme Court of South Australia.

The annual general meeting is held shortly after the beginning of lectures; all new law students and intending members are cordially invited to be present.

Ordinary meetings are held on a number of occasions, and precede debates on hypothetical cases argued formally as in courts of law. The debates are set by members of the profession, who preside at the debates and discuss the questions of law involved.

The Adelaide Medical Students' Society.

This Society was founded in 1889. Its chief objects are to further the interests of medical work among students and to promote social intercourse among its members. Six general meetings are held a year, from March to September inclusive, at which papers written by students and graduates are read and discussed, and five clinical meetings at which medical and surgical cases are presented. Various periodicals of interest are taken by the Society, which also publishes its own "Review."

The medical students' ball and dinner are held annually under the auspices of the Society, which also arranges certain sporting fixtures.

All students of medicine of the Adelaide University are eligible for membership, the annual subscription being ten shillings. 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.

Adelaide University Architectural Society.

The objects of the society are to afford a recognised means of communication between the students of the University School of Architecture, the Architectural Association of the South Australian Institute of Technology and the South Australian Institute of Architects; to conserve and advance the interests of students in matters touching their University life or professional career; and to promote interest in sport and social events.

Anthropological Society of South Australia.

The Society was formed in June, 1926. Its object is the study of Anthropology with special reference to (1) knowledge of the aborigines of Australia and (2) their preservation.

The Society consists of ordinary members, honorary life members, life members and honorary corresponding members. All those interested in Anthropology are eligible; new members must be nominated by two members and are elected by ballot.

Meetings are held monthly, except in December and January, at the University.

President: Dr. A. D. Packer, Department of Anatomy, The University of Adelaide.

Hon. Secretary: Mr. J. A. Cran, Dental School, The University of Adelaide.

The Classical Association of South Australia.

President: Professor J. A. FitzHerbert.

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

The objects of the Association are:—

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

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

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: R. B. Lewis, B.A., B.Sc.

Honorary Secretary: K. J. Hancock, B.A. (Melb.), Ph.D. (London), The University.

Honorary Treasurer: A. D. Barton, B.Com. (Melb.), The University.

The Medical Sciences Club of South Australia.

This society was founded in 1920 for the purpose of enabling those interested in the sciences fundamental to medicine to meet together from time to time 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: L. H. May, Ph.D.

Vice-President: B. S. Hetzel, M.D., F.R.A.C.P.

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-Editors, Professor G. M. Badger and Dr. D. I. B. Kerr.

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.

- | | |
|------|---------------------------------------|
| 1954 | { Cooper, Philip Lindsay (Theory) |
| | { Chappell, Glenys (Practice) |
| 1955 | Terry, Athalie May (Practice) |
| 1956 | Tobin, Ashleigh Hambridge (Practice). |
| 1957 | Perriam, Judith Faye (Practice) |
| 1958 | Madge, Geoffry Douglas (Theory) |

LICENTIATE PRIZE—

For previous awards, see Calendars from 1942.

- | | |
|------|-------------------------------|
| 1954 | Forsyth, Jeanette |
| 1955 | No award |
| 1956 | No award |
| 1957 | Gunning, Shelley Anne Stannus |
| 1958 | No award |
| 1959 | Schodde, Peter. |

PRIZES—

For previous awards, see Calendars from 1945.

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

Awards in 1958:

(a) *Pianoforte.*

Seventh Grade: Johnson, Julie
Sixth Grade: Madge, Geoffry Douglas
Roberts, Patricia
Lakin, Angela Mary

Fifth Grade: Crisp, Heather Ann
Ligeti, Judy
Kennedy, Kathleen

Fourth Grade: Kostyszyn, Lesia
Koch, Christine Joan
Gallasch, Wendy Anne

(b) *Violin.*

Seventh Grade: Taylor, Diana Fay
Sixth Grade: Johnson, Julie Fay
Fourth Grade: Smith, Ivan John
Schwab, Charles Burden

(c) *Speech and Drama.*

Sixth Grade: Mackie, Georgina.

Awards in 1959:

(a) *Pianoforte.*

Seventh Grade: Cmrlac, Margaret
Mander, Patricia J.
Shaw, Barbara

Sixth Grade: Ellis, Maureen E.
Gamlen, Verona F.

Fifth Grade: Colebatch, Desirée F.
Ferguson, Judith A.
Henderson, Margaret
White, Rosemary

Fourth Grade: Crabbe, Stephen G.
Glennon, Joan M.
Roberts, Helen C.

(b) *Violin:*

Sixth Grade: Brixius, Rotraud A.
McDonald, Rosamund D.

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

Whereas the late Eva Lines has bequeathed to the University the sum of £500 for the purpose of founding a pianoforte scholarship (or prize) to be called "The Eva Lines Memorial Scholarship (or Prize) for Pianoforte," it is hereby provided that:

1. A prize to be called The Eva Lines Memorial Prize shall be awarded annually on the results of the Fifth and Sixth Grade September-October examinations in Pianoforte conducted in South Australia by the Australian Music Examinations Board.

2. To be eligible for the Prize, a candidate shall be under the age of seventeen years on the 31st day of December in the year in which the examination is held.

3. The Prize shall be awarded to the candidate who, being eligible, is considered by the examiners most worthy to receive the award.

4. The value of the Prize shall be £15, or such other sum as the Council may from time to time determine.

5. The Prize shall not be awarded to any person more than once.

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

Awards.

For previous award, see Calendar for 1959.

1956	Hodge, Geraldine Janice	1958	Roberts, Patricia.
1957	No award	1959	Lakin, Angela M.

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1960
PART III

	Page
Annual Report for 1959 - - - - -	403
Commemoration Addresses, 1960 - - - - -	428
Bibliography for 1959 - - - - -	437
Financial Statements for 1959 - - - - -	449

ANNUAL REPORT FOR THE YEAR 1959

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 1959.

INTRODUCTION

The year 1959 was an eventful and noteworthy one for the University. Three new professors—each the first occupant of his Chair—assumed duty; and three more were appointed to begin duty early in 1960. About 60 other new appointments were made to the academic staff. The departments with laboratories felt the benefit of the abnormal provision for the purchase of scientific equipment that had been possible in 1958.

A new wing costing about £110,000 was added to the Waite Agricultural Research Institute. A new building for Organic Chemistry providing nearly 40,000 square feet of floor space was practically finished and was available for occupation from the beginning of the academic year 1960. Extensions to the Library, aggregating some 38,000 square feet, were made; of these, about three-sevenths were allocated to Law, French and Philosophy as temporary accommodation for the next few years. Work began on a new building for the biological sciences, and plans matured for work to begin in 1960 on the first stage of a large building to house when complete the Faculties of Arts, Economics and Law.

The beginning in 1961 of a new epoch in the growth of the University was foreshadowed by the inquiry into its affairs and needs by the Australian Universities Commission towards the end of the year. The Commission's investigations were naturally of an exhaustive and exacting nature; and the University submitted, with confidence in the soundness of its case and the outcome of its requests, the information that the Commission required.

The University is mindful, however, that the full realisation of the provision recommended for the University by those charged to assess its needs lies ultimately in the decision of Her Majesty's Government of South Australia; and it records here its appreciation of the Government's ready acceptance of its share of the total cost involved in the adoption of the recommendations made in 1957 by the earlier committee of which Sir Keith Murray was Chairman.

A noteworthy new field of Government support—both Commonwealth and State—was the extension of the Colleges affiliated with the University. The University warmly welcomes this support and trusts that the Colleges will be enabled to take in full the important part in the broader aspects of University education which they can provide.

An important development within the University was the introduction of new legislation empowering the Council to exclude, after thorough investigation, students who were not making satisfactory academic progress.

2. THE COUNCIL AND THE SENATE

In November Mr. J. R. Dridan, Miss J. Gilmore, Professor L. G. H. Huxley, Dr. A. Grenfell Price and Mr. K. A. Wills retired from the Council by effluxion of time. The Senate re-elected them for a further term. It also elected Mr. A. J. Hannan, Q.C., as its Warden in succession to the Honourable Sir George Ligertwood, who had filled the office since 1945 and did not offer himself for re-election; and it re-elected Mr. V. A. Edgeloe as its Clerk.

In August Parliament re-appointed Mr. D. A. Dunstan, the Honourable L. H. Densley, Mr. C. L. Laucke and the Honourable Sir Frank Perry for a further term as members of the Council, and appointed Mr. J. A. Heaslip to the vacancy caused by the retirement from the House of Assembly of Mr. G. T. Clarke.

In July the Vice-Chancellor was a representative of the Commonwealth Government at the Commonwealth Education Conference which was held at Oxford.

The University was honoured in July by the appointment of Mr. K. A. Wills, a member of the Council since 1945 and the Chairman of its Finance Committee, as a member of the Australian Universities Commission. The Council appointed Mr. R. A. Simpson a member of the Finance Committee and the Committee elected him as its Deputy Chairman.

3. OBITUARY

The Council records with deep regret the deaths during the year of Mr. Arnold Blaylock, Sir Ian Clunies-Ross, Dr. H. K. Fry, Sir Claude Gibb, Dr. W. A. Hargreaves, Lady Napier, Dr. W. Oldham, Mr. Justice Piper, Mr. E. Phillips, Dr. F. L. Winzor, and Professor J. G. Wood.

4. THE FACULTY OF ARTS

New Professors: Mr. L. F. Neal and Dr. M. A. Jeeves, both of the University of Leeds, were appointed to the Chairs of Education and Psychology respectively.

Resignation: Dr. B. L. D. Coghlan, Senior Lecturer in German, on appointment to the Chair of German in the University of New England.

Appointments: Mr. R. W. Garson, Lecturer in Classics; Mr. R. W. V. Elliott, Senior Lecturer in English; Mr. A. M. Gibbs, Lecturer in English; Mr. R. S. Livingstone, Lecturer in German; Mr. M. A. Jack, Lecturer in History; Mr. M. Leifer, Lecturer in Politics; Dr. P. H. Glow, Lecturer in Psychology; Mr. B. Mason, Senior Lecturer in Geography; Dr. C. R. Twidale, Lecturer in Geography.

Visitors: Professor and Mrs. T. B. L. Webster of the University of London, to the Department of Classics; Mr. Paul McGuire and Mr. P. R. Stephenson, who gave the Commonwealth Literary Fund Lectures, Professor R. E. Watters of the University of British Columbia, Professor A. G. Mitchell of the University of Sydney, Professor Ohtani of the Tokyo University of Foreign Studies, and Mr. John Laurie, the actor, to the Department of English; Professor W. V. Quine of Harvard University, and Professor J. A. Passmore of the Australian National University, to the Department of Philosophy; Professor G. J. Butland of the University of New England, to the Department of Geography.

Study Leave: Dr. E. C. Forsyth, Senior Lecturer in French; Mr. F. H. Mares, Lecturer in English.

Subjects of Research:

Classics—the economic development of Attica.

Anthropology—Central Australian native chants and ceremonies; social structure of the Central Australian tribes; Aranda linguistics.

English—Swift's verse; drama and theatre in Australia; Australian poetry; Spenser's *Faerie Queene*; Pope's satires in relation to contemporary life; the development of aesthetic and critical theory in the late 19th and early 20th centuries; Thomas and Henry Vaughan and the hermetic philosophy; the popular dramatic tradition in the development of the Elizabethan theatre; an edition of *The Alchemist*; a history of English literature; aborigines and Australian literature; the dialogue of body and soul in English poetry.

German—the language and history of South Australian Germans; Eckermann's *Conversations with Goethe*; the concept of freedom in the work of J. G. Herder; Fontane's psychological realism; Fallada's picture of Germany in the 'twenties; the death motif in German literature; some semantic problems in *Parzeval*.

History and Political Science—parliamentary financial procedures; the government of South Australia; the South Australian state election of 1959.

History—general history of Australia; Christianity and society in Australia; the early history of the Northern Territory; electoral studies of the federal election of 1958; English trade in the eighteenth century; calendaring of manuscript collections in the Australian National Library with an edition of Gregory King; the history of the philosophy of social work in England and America; medieval canon law; the economic importance of William I's castles; historical writings in Tuscany before Machiavelli.

Philosophy—metaphysics; philosophical psychology; philosophy of science.

Psychology—anxiety, acculturation and illness; migrant doctor assimilation; factors contributing to adjustment to nurse training; the gnawing behaviour of the rat with reference to attack on plastic cable; a pre-television social survey; thinking and sight location; enuresis and methods of continence training; the influence of comic-book reading on the attitudes of children.

Geography—regional geography of the wine industry in South Australia; assimilation of people of part-aboriginal descent in Northern Australia and South Australia; biogeography of part of Central Australia; land use survey of sample areas in South Australia; economic geography of Eyre Peninsula; the factors responsible for the location of Adelaide residential suburbs; a survey of intensive agriculture in South Australia; use of colour on maps; chronology of denudation in the Torrens Valley; weathering forms in granite areas; the origin of building sands and clays in the Adelaide Hills; urban geography and the northern wheat frontier of South Australia; economic agricultural geography of Southland, New Zealand; vegetation surveys of Great Barrier Island, New Zealand; vegetation of the Alderman Islands, New Zealand.

Staff Distinctions: Mr. G. P. H. Dutton was awarded the Grace Leven Prize for the best volume of poetry published in Australia during 1958; Mr. Dutton was also appointed Visiting Fellow to inaugurate a course in Australian literature at the University of Leeds during the first half of 1960. Professor C. J. Horne was appointed Chairman of the Arts Enquiry Committee for South Australia. Professor G. H. Lawton was elected to membership of the Social Science Research Council of Australia.

Gifts: Books to the Department of German by the President of the U.E.L.C.A., Dr. M. Lohe; photographs to the Department of Geography by Dr. Helen Mayo.

Changes in Curriculum: A course for the Honours degree of B.A. in Latin was introduced; courses in Ancient History, German IA, and Psychology IIIA were offered for the first time; and the courses offered in English, History, Education, Politics and Philosophy were revised.

Departmental Activities: During the year the departments of French and Philosophy moved to temporary new quarters in the Barr Smith Library extensions; the Department of Anthropology made good progress in the transferring of Central Australian aboriginal recordings from wire to tapes, with a view to putting them on permanent microgroove discs; one issue of a literary magazine *Draussen*, was published by the Department of German; the congress of the Australasian Association of Philosophy was held in Adelaide.

5. THE FACULTY OF SCIENCE

New Chairs: Chairs of Microbiology and Mathematical Statistics were established and filled by the appointment of Dr. D. Rowley of the Wright Fleming Institute of Microbiology and Dr. E. A. Cornish, Head of the Division of Mathematical Statistics in C.S.I.R.O., respectively. Dr. Cornish's appointment is on a part-time basis, and he will retain his C.S.I.R.O. responsibilities.

Resignation: Professor L. G. H. Huxley relinquished the Elder Chair of Physics on his appointment as Deputy Chief Executive Officer of C.S.I.R.O. The Council has conferred the title of Professor Emeritus on Dr. Huxley in recognition of his distinguished service to science and to the University during his eleven years' tenure of the chair.

Appointments: Mr. J. G. Sanderson and Mr. H. E. Mansbridge, Lecturers in Mathematics; Mr. A. R. Bevan, Dr. C. J. E. Kempster, Mr. R. Lawrance and Dr. L. G. Ericson, Lecturers in Physics; Dr. P. J. Dunlop, Senior Lecturer in Physical and Inorganic Chemistry; Mr. M. L. Martin, Dr. A. A. Diamantis, Dr. J. H. Coates and Mr. B. J. Steel, Lecturers in Physical and Inorganic Chemistry; Dr. P. T. Gilham, Lecturer in Organic Chemistry; Dr. J. B. Jones, Lecturer in Geology; Dr. A. B. Roy, Senior Lecturer in Biochemistry; Mr. J. G. Sandison and Mr. P. G. Dellow, Temporary Lecturers in Human Physiology and Pharmacology; Dr. D. L. Hayman, Lecturer in Genetics.

Study Leave: Dr. H. G. Andrewartha, Reader in Animal Ecology; Dr. A. J. Day, Senior Lecturer in Human Physiology and Pharmacology; Dr. P. G. Martin, Senior Lecturer in Biology.

Staff Distinctions: Professor R. B. Potts was invited to attend a symposium on the theory of traffic flow, at Detroit, U.S.A., organised by the General Motors Corporation; Professor H. S. Green was invited to visit the Michelson Laboratory, California, to complete some special research begun earlier in the year on statistical mechanics; Dr. R. L. Oliver acted as chief geologist on an Antarctic expedition to the Beadmore Glacier organised by the New Zealand Alpine Club; Professor A. R. Alderman was elected a Foreign Member at the foundation of the Mineralogical Society of India; Dr. H. B. S. Womersley was re-elected chairman of the Herbarium Liaison Committee; Dr. R. L. Specht was elected Vice-President of the Royal Society of South Australia; Dr. H. G. Andrewartha was elected President of Section D at the Perth meeting of A.N.Z.A.A.S.; Professor W. P. Rogers was elected to the Council of the Australian Academy of Science; Mr. I. M. Thomas took part in a symposium on evolution at the centenary of the Victorian Royal Society; Professor Sir Mark Mitchell was elected Chairman of the Board of the S.A. Museum.

Visitors: Professor K. E. Bullen of the University of Sydney, who gave the Einstein Memorial Lecture; Sir Harold and Lady Jefferies of the University of Cambridge, and Professor Marshall Stone of the University of Chicago, to the Department of Mathematics; Dr. J. E. Moyal of the Australian National University, and Professor H. Bondi of King's College, London, to the Department of Mathematical Physics; Dr. Philip George of the John Harrison Laboratory of Chemistry, University of Pennsylvania, Professor L. E. Orgel of the University of Cambridge, Professor V. K. La Mer of Columbia University, New York, Dr. R. J. P. Williams of Wadham College, Oxford, and Professor F. S. Dainton of the University of Leeds, to the Department of Physical and Inorganic Chemistry; Dr. R. E. Norris of the University of Minnesota, to the Department of Botany; Dr. G. A. Bentley of the Nicholas Institute, Sassafras, Victoria, Dr. F. N. Fostier of Otago University, Professor Sir Lindor Brown of University College, London, Professor R. I. Rossiter of the University of Western Ontario, Professor W. K. Livingstone of the University of Oregon, and Dr. M. J. Rand of the University of Oxford, to the Department of Physiology.

Subjects of Research:

Mathematics—the arithmetical theory of quadratic forms; molecular dynamics; statistical mechanics; traffic dynamics; regular growth of real functions; hydrodynamics; a combinatorial problem; classical mechanics—differential equations; an n -dimensional analogue of Cauchy's theorem; the existence of surface integrals; solution of integral equations using Chebyshev polynomials; expansion of functions in series of ultra-spherical polynomials; solution of the heat equation using Chebyshev series.

Physics—investigation of wind systems in the upper atmosphere; meteor astronomy; electron motion in gases; rock magnetism; X-rays and molecular structure.

Mathematical Physics—quantum theory of field with particular reference to the two body problem; motion of slow electrons in gases; "clock paradox" in the theory of relativity; the nuclear-nucleon interactions; exact solutions of Wick's equation; statistical mechanics of

co-operative phenomena; normalisation and interpretation of Flynn amplitudes; statistical mechanics of plasmas; relativistic constant of motion for Wick's equation.

Physical and Inorganic Chemistry—physical properties of nucleic acids and related macromolecules; preparation and study of isotactic polyelectrolytes; physico-chemical studies on proteins and enzymes; the wetting of solid metals by liquid sodium; co-ordination compounds with salicylidene-imines; exchange reactions of quadridentate complexes; electron transfer reactions between non-ionic species; reactions of CCl_3I ; the solvent properties of trifluoromethyl iodide; an examination of the composition of Ziegler catalysts; interaction in solution; crystal chemistry of ABO_3 compounds with planar anions; structure transformations in solids; kinetics of structural changes in solids; diffraction studies of chemical re-actions in solids; synthesis and properties of block copolymers; the kinetics of the addition of trifluoroiodomethane to ethylene; the kinetics of the oxidation of ammonia by nitrous oxide.

Organic Chemistry—studies on the formation of cancer-producing hydro-carbons; the uses of metal catalysts in synthetic work; isolation of alkaloids from native plants; the study of free radical reactions; studies on leucoanthocyanidins; the synthesis of heterocyclic compounds; studies on the hydrogen bond by infra-red spectroscopy; studies on optical rotation.

Geology—carbonate sedimentation; Coorong sedimentation with emphasis on carbonates; structural petrology of the Mount Lofty Ranges; further investigations of Pleistocene geology of the South-East Province; investigations of the geology of Central Australia; paragenesis of garnets from Ceylon; mineralogical investigations; the Marinoan series; geological investigations in the Adelaide Hills; the origins of building sands and clays in the Adelaide Hills; study of mineral structures and inter-relations; comparative study of the continental margins of Australia; palaeontological studies; mineralogy of some of the copper minerals from lode material from the Wallaroo and Moonta Mining Fields, South Australia.

Botany—general studies on the marine algae of southern Australia; a taxonomic revision of *Sargassum* subgenera *Arthrophyucus* and *Eusargassum* in southern Australia; studies on the new red algal genus, *Sympodophyllum*; morphological and life history studies of the *Delesseriaceae*, *Ceramiaceae* and *Fucales* of southern Australia; the brown algal genus, *Notheia*; autecology of plants of the Ninety Mile Plain; plant ecology of the northern portion of the Mount Lofty Ranges; Sclerophyll communities in relation to micro-environment; some aspects of the ecology of arid South Australia; the Koonamore Vegetation Reserve—report on regeneration 1926-1959, routine investigations, vegetation map of Koonamore Station; nitrogenous constituents of plants supplied with different forms of nitrogen; sodium as a micro-nutrient; detection and localisation of growth substances; the embryology of *Podocarpus falcatus*.

Zoology—the biology of diapause in insects; the physiology of mitochondria; the physiology of parasites; ecology of pasture pests; studies in the vectors of myxomatosis; life cycles of Trematoda; taxo-

nomy of free-living and parasitic nematodes; the metabolism of I^{131} in lower chordates; a survey of plankton; reproductive physiology of marsupials; ecology of insect pests in orchards; water metabolism of insect eggs; physiology of hatching of eggs of acanthocephala.

Biochemistry—purification of two stereospecific dehydrogenases by the application of some of the new methods of protein chromatography; mode of action of vitamin D_3 ; metabolism of *Ochromonas malhamensis*; sulphate metabolism; carbohydrate metabolism in *Tenebrio molitor*; protein biosynthesis and effect of vitamin B_{12} and growth hormone.

Human Physiology and Pharmacology—mechanism of action of hypotensive drugs in man; respiratory stimulant effect of 5-hydroxytryptamine; postural hypotension; sympathetic nerve stimulation in man; role of potassium in exercise hyperaemia; diameter changes in blood vessels in response to drugs; adrenaline antagonism in man; central control of afferents; thalamic afferent projections; effect of drugs on peripheral nerve excitability; morphine on acetylcholine synthesis in brain; pharmacology of Australian plants; catechol amine output in flying stress; pulmonary function studies; mass spectrometry; metabolism of antioxidant substances; animal feeding studies; radio tracers.

Bacteriology—comparative microbiological activity in two contrasting soils; behaviour of ageing cultures in liquid media; salmonella genetics; salmonellas and their bacteriophages; a study of some gram negative anaerobic bacilli.

Genetics—the genetical study of “kuru” in New Guinea; inheritance of eye abnormalities in the house mouse; analysis of interference in chromosome I of *Neurospora crassa*; non disjunction and double reduction in tetraploid maize; inheritance of quantitative characters in *Arabidopsis thaliana*; oppositional genes in a host and its obligate pathogen; the individual and joint effects of temperature, heterologous inversions, and age of female on recombination and interference in the X-chromosome of *Drosophila melanogaster*; population studies with sex linked genes in *Drosophila melanogaster*; genetical studies of *Chortoicetes terminifera*—the Australian plague locust; Chromosomal polymorphism in the grasshopper—*Austroicetes interioris*; genetical studies of sour-sob—*Oxalis pes caprae*; cytological studies in the *Goodeniaceae*; a genetical study of host-pathogen relationship.

Gifts and Grants: Financial aid from the Radio Research Board was continued, and a gift of books was made by the Institute of Physics, to the Department of Physics; grants from Monsanto Chemicals (Aust.) Pty. Ltd. to each of the Departments of Organic Chemistry and of Physical and Inorganic Chemistry; grants from the Damon Runyon Fund for Cancer Research, the Jane Coffin Childs Memorial Fund, and the American Chemical Society Petroleum Research Fund, to the Department of Organic Chemistry; a grant from the American Petroleum Institute to the Department of Geology; grants from the C.S.I.R.O., the Rural Credits Fund, the Wool Research Fund, the Rockefeller Foundation, the Nuffield Foundation, and a number of business organisations in Adelaide to the Department of Zoology; a grant from the Rockefeller Foundation to the Department of Bio-

chemistry; grants from the N.H.M.R.C. to the Department of Human Physiology and Pharmacology; a grant from the Rockefeller Foundation jointly to the Departments of Genetics and Medicine.

Changes in Curriculum: New courses in Physics III, Honours Physics and Mathematical Physics were approved for offering in 1960; substantial revisions were made to all courses in Mathematics; the course in Vertebrate Anatomy and Morphology for the Honours degree of B.Sc. was abolished.

Departmental Activities: The new building for the Department of Organic Chemistry neared completion and work on the new Biological Sciences Building was begun; the Department of Physics continued work begun during the International Geophysical Year; the Department of Physiology established a pulmonary function unit.

6. THE FACULTY OF ENGINEERING

Appointments: Dr. J. Mannam, Senior Lecturer in Mechanical Engineering; Mr. R. B. King, Lecturer in Mechanical Engineering; Mr. T. N. Smith, Lecturer in Chemical Engineering.

Resignation: Mr. J. P. Morgan, Reader in Mining Engineering, on appointment to the Chair of Mining Engineering in the University of New South Wales.

Study Leave: Mr. G. Sved, Reader in Civil Engineering.

Visitor: Professor Amrine, Head of the Industrial Engineering Department at Purdue University, U.S.A., to the Department of Mechanical Engineering.

Subjects of Research:

Civil Engineering—properties of concrete; steel framed structures; waves in water; foundation problems in South Australia; welded connections in tubular structures; wind pressures on buildings; the interaction of bracing systems on a series of portal vents; prestressed concrete; spillway gate.

Electrical Engineering—filter charts; use of mutual inductance in filters; aerials of low height to achieve low angles of fire; system design for *cirrus*; magnetics in computers; high speed pulse techniques; network analyser research; high Q coils; pole/zero plotter; servo analogue.

Mechanical Engineering—flow induced vibrations in marine propellers; analogue studies of non-linear vibrations; noise control.

Mining, Metallurgical and Chemical Engineering—the permeability of graphite to gases; diffusion of graphite; diffusion across a liquid-liquid interface; reactions in fluidised beds; the permeability of graphite to gases at high temperature; adsorption and reaction on charcoals; gas solid reactions: the roasting of lead sulphide; controller potential etching; effect of anions on the passivity of iron; passive behaviour of iron and its alloys; experimental methods in electrochemistry; heat transfer, with special reference to liquids boiling inside tubes; heat transfer to liquids boiling inside vertical tubes.

Gifts: A number of television sets specially designed for instructional purposes, from Philips Electrical Industries to the Department of Electrical Engineering; grants from Broken Hill Associated Smelters and the Australian Atomic Energy Commission to the De-

partment of Mining, Metallurgical and Chemical Engineering; two new prizes in Chemical Engineering were established by Albright and Wilson (Australia) Ltd. and the Standard Vacuum Refining Company (Australia) Pty. Ltd.

Changes in Curriculum: New service courses, designed to cater for the needs of students specialising in different branches of engineering, were established in some departments; a postgraduate course in servo-mechanisms was offered by the Department of Electrical Engineering.

Departmental Activities: The departments were unable to accede to all requests to act as consultants and advisers to major industries and government departments; the large analogue computer and the E.T.S.A. transient network analyser were completed, design of a satellite computer for C.S.I.R.O. was begun, and progress was made with some novel aerial systems, by the Department of Electrical Engineering.

7. THE FACULTY OF LAW

Appointment: Mr. I. I. Kavass, Senior Lecturer in Law.

Resignation: Mr. F. K. Maher, Senior Lecturer in Law.

Staff Distinctions: Professor N. R. Morris served as Chairman of a Royal Commission into homicide in Ceylon, the Report of which was published in September. Dr. D. P. O'Connell accepted an invitation to serve for the first six months of 1960 as a Visiting Professor at Georgetown University, Washington, U.S.A.

Subjects of Research: Preparation of text-books on the law of homicide and on international law; vocational, industrial and economic aspects of prison labour in Australia; automobile insurance and damages in road accident cases; law and practice relating to blood-alcohol tests and motoring offences.

Changes in Curriculum: Substantial changes in the curriculum for the LL.B. degree involved provision of new courses in Family Law, Administrative, Local Government and Industrial Law and Taxation Law and re-organisation and extension of the courses in Mercantile Law.

Departmental Activities: In November the Faculty moved to temporary accommodation on the ground and first floors of the Barr Smith Library extensions.

8. THE FACULTY OF MEDICINE

New Chair: A Chair of Child Health was established and was filled by the appointment of Dr. G. M. Maxwell, Associate Professor of Paediatrics in the University of Wisconsin.

Retirements: Dr. K. S. Hetzel from the office of Dean of the Faculty after seven years' service as Dean; Dr. A. R. Southwood, Part-time Lecturer in Public Health and Preventive Medicine since 1938; Mr. H. R. Gilmore, Part-time Senior Lecturer in Medicine; Mr. J. McNeil, Senior Technical Assistant in the Department of Anatomy after 35 years of service in the Department.

Appointments: Dr. B. N. Catchpole, Reader in Surgery; Mr. H. Lander, Senior Lecturer in Medicine; Mr. L. J. Opit, Part-time Senior Lecturer in Surgery; Mr. G. Sorby Adams and Mr. A. R. Anderson, Lecturers in Anatomy; Mr. A. W. J. Lykke, Lecturer in Pathology; Mr. L. G. Gillam, Temporary Lecturer in Pathology.

Study Leave: Professor H. N. Robson, Professor of Medicine; Mr. R. K. Pak Poy, Lecturer in Pathology.

Staff Distinctions: Professor A. A. Abbie was elected a Fellow of the Royal Anthropological Institute of Great Britain and Ireland, and an Officer of the *Comité international de standardisation en biologie humaine*, and was invited to deliver the Sir Grafton Elliot Smith Postgraduate Oration in the University of Sydney. Professor H. N. Robson was elected an overseas member of the Association of Physicians of Great Britain and Ireland.

Visitors: See under the Postgraduate Committee in Medicine.

Subjects of Research:

Anatomy and Histology—experimental production of congenital defects; aetiology of human congenital abnormalities; physical anthropology of Australian aborigines; the growth pattern of aboriginal children; pigmentation in Australian aborigines; haematology of Australian aborigines; blood pressure of Arnhem Land aborigines; serum magnesium levels in Australian aborigines; the cutaneous glands of marsupials; the spinal cord in *Trichosurus vulpecula*; causes of foetal abnormality.

Pathology—the circumstances of fatal traffic accidents; renal disorders; the structure of the normal and diseased arterial wall; the possible potentiating effect of ganglion-blocking agents in the weakening of the arterial wall induced by the lathyrus factor.

Medicine—the disease “kuru”; congenital spherocytic anaemia; megaloblastic anaemia; thrombocythaemia; familial polycythaemia; metabolic action of salicylates; endocrinological assessment of the “stress” reaction; thyroid hormone levels.

Surgery—the effects of salicylates on mitochondrial chemistry; a long-term survey of effects of closed renal injury; a long-term survey of carpal tunnel syndrome.

Obstetrics and Gynaecology—*striae gravidarum*; dental hygiene and nutrition in pregnancy; foetal anoxia; weight gain in pregnancy; vaginal cytology; demand feeding and rooming in of babies; psychosomatic aspects of complications of pregnancy; Caesarean section scars; effect of oestrogenic hormone on the induction of labour; effect of progestogens on premenstrual tension; excretion of pregnanediol in abnormal pregnancy.

Gifts and Grants: A grant from the Wenner-Gren Foundation for Anthropological Research, New York, to the Department of Anatomy; a grant from the Rockefeller Foundation jointly to the Departments of Medicine and Genetics; a grant from the Anti-Cancer Committee to the Department of Obstetrics and Gynaecology.

Departmental Activities: A major undertaking by the Department of Anatomy was an anthropological expedition to Maningrida in Arnhem Land; this completed the first north-south trans-continental survey of the physical characters of Australian aborigines ever undertaken; the Royal Australasian College of Physicians held its Annual General Meeting in Adelaide and the Department of Medicine was extensively involved in the organisation of the scientific meetings of the College; a cytology laboratory and an endocrine laboratory were

established, and electro-physiological equipment was bought for the investigation and teaching of the physiology of labour, in the Department of Obstetrics and Gynaecology.

9. THE FACULTY OF DENTISTRY

Appointments: Dr. B. G. Radden, Senior Lecturer in Oral Pathology; Mr. Tasman Brown, Lecturer in Dental Anatomy.

Study Leave: Mr. M. J. Barrett, Reader in Prosthetic Dentistry.

Staff Distinctions: Professor A. M. Horsnell acted as external examiner to the Dental School in the University of Malaya; Mr. M. J. Barrett was appointed Honorary Secretary of the Fifteenth Australian Dental Congress.

Visitors: Professor C. H. Graham, Head of the Department of Prosthetic Dentistry in the University of Malaya; Associate Professor Noel Brown, Head of the Preventive Dentistry School in the University of Sydney; Associate Professor John Lyell, Head of the Conservative Dentistry School in the University of Sydney.

Subjects of Research: The effect of the change of environment in the oral tissues of the Australian aborigines in Central Australia; investigation into dental services in South Australia; root canal therapy; the relationship between dental health and health of infants.

Departmental Activities: The staff undertook an expedition to Central Australia to study dental conditions among Australian aborigines; the department took an active part in two meetings held in Adelaide—the World Health Organisation Seminar on Dental Health and the Fifteenth Australian Dental Congress; Mr. P. C. Reade organised a course in Periodontia for the general practice study group.

10. THE FACULTY OF ECONOMICS

Appointments: Mr. A. D. Barton, Dr. K. J. Hancock and Miss M. D. Brunt, Lecturers in Economics; Mr. R. H. Parker, Lecturer in Commerce; Mr. M. P. Schneider, Research Fellow.

Resignation: Mr. J. McB. Grant, Senior Lecturer in Economics, on appointment to the Chair of Applied Economics in the University of Tasmania.

Study Leave: Professor R. L. Mathews, Professor of Commerce; Dr. F. G. Jarrett, Senior Lecturer in Agricultural Economics.

Visitors: Sir Sidney Caine, Director of the London School of Economics; Sir Donald MacDougall, Fellow of Nuffield College, Oxford; Professor A. W. Phillips of the London School of Economics; Dr. V. K. R. V. Rao, Vice-Chancellor, University of Delhi, who was the 1959 Dyason Lecturer; Dr. Bernard Olsen, Associate Professor of Economics, North Carolina State College, was a Visiting Fulbright Professor for three months; Professor E. B. Smyth, University of N.S.W., who gave the Australian Society of Accountants' Annual Lecture.

Staff Distinctions: Dr. F. G. Jarrett was awarded a Rockefeller Fellowship; Professor P. H. Karmel delivered the Presidential Address of Section G at the 1959 A.N.Z.A.A.S. meeting in Perth; Professor R. L. Mathews was elected to membership of the Social Science Research Council of Australia, and addressed the Annual Meeting of the American Accounting Association at the University of Colorado, Boulder, U.S.A.

Gifts and Grants: Creation of a Readership in Agricultural Economics, financed by the Rural Credits fund of the Commonwealth Bank; a major research project on "Trade Credit" financed by the Economic and Financial Research Fund of the Commonwealth Bank.

Subjects of Research: Internal profit measurement and cost control; accounting for economists; electronic accounting; income measurement and taxation; some aspects of Australian Japanese trade; an economic survey of the dairying industry in the Murray Swamps area; case studies in economic development; finance of investment of British companies 1949-53; economics of transport; inflation and productivity.

Summer School: The fourth Summer School of Business Administration was held in February, the subject being "Australian Development". The School was opened by the Vice-Chancellor (Mr. H. B. Basten) and papers were given by Dr. W. A. Westerman, Dr. F. G. Jarrett and Professor E. A. Rudd. The proceedings were subsequently published by the University.

Changes in Curriculum: Two courses in Economic Development, at second and third year levels, were offered for the first time; revision of the course in Economics III and a new course in Economic Theory were approved for 1960.

Departmental Activities: Provision was made for students to study for the degree of Ph.D.; in conjunction with the Department of Adult Education, a seminar on economics for bank executives was conducted in second term.

11. THE FACULTY OF AGRICULTURAL SCIENCE AND THE WAITE AGRICULTURAL RESEARCH INSTITUTE

Resignations: Mr. H. V. Jenkins, Senior Lecturer in Agrostology; Mr. J. W. McGarity, Lecturer in Soil Science; Dr. J. H. Coates, Lecturer in Physical Chemistry.

Appointments: Dr. Janet Graham, Lecturer in Protein Biochemistry; Dr. D. J. Greenland, Lecturer in Soil Science; Dr. B. G. Coombe, Lecturer in Plant Physiology; Mr. B. G. Clare, Lecturer in Plant Pathology.

Study Leave: Professor C. M. Donald, Professor of Agriculture; Dr. R. J. Best, Reader in Virology; Dr. A. Kerr, Senior Lecturer in Plant Pathology; Dr. N. G. Marinos, Lecturer in Plant Physiology.

Visitors: Dr. J. B. Hanson of the Department of Agronomy, University of Illinois, a Fulbright Scholar for twelve months; Dr. D. Montague from Stanford University and the University of Manchester; Mr. J. Wiskich of the University of Sydney; Dr. F. J. Simmonds, Director of the Commonwealth Institute for Biological Control, Ottawa, Canada; Dr. B. P. Uvarov, F.R.S., Director of the Anti-Locust Research Centre, London; Professor A. J. Riker of the University of Wisconsin.

Gifts and Grants:

To the Department of Agricultural Chemistry—gifts of yeast by the Effront Yeast Company, Melbourne; grants for specific purposes from the Rockefeller Foundation, the Anti-Cancer Campaign Committee, the Commonwealth Wheat Research Fund, the South Australian Wheat Research Fund.

To the Department of Entomology—grant from the Rockefeller Foundation to build an insectary; grant from the South Australian Fruit Growers' and Market Gardeners' Association for research on codling moth.

To the Department of Plant Pathology—continuing grant from the Pea Growers' Section of the South Australian Fruit Growers' and Market Gardeners' Association for research into pea diseases in the Renmark and Port Pirie areas.

To the Department of Plant Physiology—grant for three years from the Wheat Research Council to provide a post-doctoral fellowship; continuing grant from the Barley Improvement Trust Fund to provide for research workers; grant from the Australian Atomic Energy Commission to provide a postgraduate studentship; grant from stone-fruit industries for research.

Subjects of Research:

Agricultural Chemistry—determination of the standard free energy of hydrolysis of adenosine triphosphate; purification of diphosphopyridine nucleotide-pyrophosphorylase; relation of inhibition of DPN-pyrophosphorylase of liver nuclei with the action of carcinostatic compounds; evaluation of the kinetics and other properties of DPN-pyrophosphorylase of liver nuclei; fractionation and properties of proteins of wheat flours in relation to baking quality; variation of chemical composition of developing wheat grain; synthesis of oxalic acid in the plant *Oxalis pes caprae*; physico-chemical properties of crystalline cytochrome b_2 of baker's yeast; influence of water stress on uptake of phosphorus by developing wheat plants; properties of clay surfaces, particularly in relation to swelling phenomena; aspects of denitrification in soils; mechanism of adsorption and release of phosphates in soils; properties of developing mitochondria in meristematic plant tissues; the structure of polydeoxyribonucleotide of crystalline cytochrome b_2 from baker's yeast; the respiratory chain in plant mitochondria.

Agronomy—sheep nutrition on dry summer pastures; pasture utilisation; pasture nutrition, particularly in the south-east of South Australia; competitive relations within pasture swards; species and strain studies with pasture plants; soil physical and chemical status in wheat establishment; nitrogen balance of cereal crops; yield and quality studies in cereals; breeding of cereal and pasture plants.

Entomology—physiology and behaviour of aphids; nosema disease of honey bees; pollination control in lucerne seed production; ecology of pod-borer (*Etiella*) in lucerne; studies on insect cuticle; ecology of codling moth and of insects and mites of apple orchards; ecology of citrus red scale; forest entomology, particularly bark beetles in pine forests; penetration of plant tissues and feeding effects by Hemiptera; taxonomy of scale insects; ecology of pasture insects; studies on plant mites and grape phylloxera.

Plant Pathology—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 and the determination of the active substances in the excretions; 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; ecology and pathogenicity of *Verticillium* affecting stone fruits; plant diseases caused by species of *Pythium*.

Plant Physiology—the influence of environmental factors on starch and sugar metabolism; the mechanism of starch granule synthesis; the physiological determinants of drought resistance in varieties of barley; the control of soursob (*Oxalis pes caprae*) with certain chemicals; studies on root development; carbohydrate metabolism in cereal endosperm; the role of indoleacetic acid in the inhibition of root-growth; the inter-relationships between growth-regulators; the effect of drought on the growth of barley; tiller investigations in the barley plant; nutritional requirements of potatoes; the physiology of flower initiation in apples.

Departmental Activities: Construction of cabinets to control plant environment continued; lysimeters for droughting experiments were installed; assembly of a scintillation counter for estimating radioactive isotopes began; a spectrophotometer was put into operation to facilitate studies on growth-regulator behaviour in cereal grain; the Departments of Entomology and Plant Pathology moved to new quarters in the newly completed East Wing of the Institute.

12. THE FACULTY OF MUSIC AND THE ELDER CONSERVATORIUM OF MUSIC

Retirement: Miss Hilda Gill, Teacher of Singing, after 40 years' service.

Resignations: Mr. Bernard Voadlo, Teacher of Violoncello; Miss Kathryn Schramm, Librarian.

Appointments: Mr. Arnold Matters, Teacher of Singing; Mr. Ladislav Jasek, Teacher of Violin and leader of the Elder String Quartet; Miss Diana Limb, Teacher of Singing; Mr. James Whitehead, Teacher of Violoncello.

Study Leave: Mr. John Horner, Senior Lecturer in Music; Mr. Lloyd Davies, Teacher of Violin.

Staff Distinction: Mr. L. Jasek accepted an invitation to undertake a concert tour of Europe during the 1959-60 long vacation.

Visitors: Dr. Pavel Eckstein, an outstanding musicologist from Prague; The Czech Philharmonic Wind Quintet; Mr. Alex Sverfensky of the New South Wales Conservatorium of Music; Madame Nikolieva of Moscow.

Concerts: During the year several student solo recitals were held; the winter series of Sunday afternoon concerts were well maintained; a notable event of the year was the Festival of Czech Music given towards the end of second term; associated with the Czech Festival was a production of Smetana's "The Two Widows" in the Union Hall, under the direction of Mr. Arnold Matters; students also took part in a production of "Opera Workshop"; the University Music Society held its meetings during the year in Elder Hall. Throughout the year the staff of the Conservatorium co-operated with the Department of Adult Education in presenting concerts in country centres.

Gifts: Gifts for the Library were received from Allan and Co., the Oxford University Press, Boosey and Hawkes, Curwen and Son, and the governments of Western Germany, Czechoslovakia and Austria.

13. FACULTY OF ARCHITECTURE AND TOWN PLANNING

Departmental Activities: Provision was made for students to study for the degree of Ph.D.; the faculty was granted representation on the Study Leave Committee and the Board of Research Studies; during the year there was an exhibition of student work within the department; new accommodation for the department was provided in the Main Engineering Building.

14. DEPARTMENT OF SOCIAL STUDIES

Visitors: Professor E. A. Wilkenning, Professor of Rural Sociology in the University of Wisconsin; Associate Professor D. Summer, Associate Professor of Social Casework in the New York School of Social Work; Miss H. Rees, Director of Studies, Institute of Hospital Almoners, London.

Subject of Research: The assimilation of part aborigines in Adelaide.

15. DEPARTMENT OF PHYSIOTHERAPY

Study Leave: Miss E. G. Casely, Lecturer-in-charge.

Staff Distinction: Miss Casely was invited to deliver a paper at the Third International Congress of the World Confederation for Physical Therapy in Paris.

Visitor: Miss E. Hobson, Superintendent Physiotherapist of King's College Hospital, London.

Subjects of Research: The effect of mild cerebral damage on postural deviations; the classification of headaches in patients referred for physiotherapy.

Change in Curriculum: A new course of lectures was introduced into the third-year course.

16. DEPARTMENT OF PHYSICAL EDUCATION

Appointment: Mr. A. W. Sedgwick, Lecturer in Physical Education.

Departmental Activities: New practical work was introduced in the subject Human Physiology; for the first time the Department had unrestricted use and control of the Jarrah Hut.

17. DEPARTMENT OF PHARMACY

Retirement: Mr. E. F. Lipsham, Senior Lecturer-in-charge.

Appointments: Mr. B. L. Reynolds, Senior Lecturer-in-charge; Mr. B. H. Stock, Temporary Lecturer in Pharmacy.

18. UNIVERSITY RESEARCH GRANT

The grant supported about 30 research fellows and scholars and about 240 research projects during the year.

19. THE BARR SMITH LIBRARY

Building: The extensions to the Library were virtually completed towards the end of the year. Renovations were then begun in the older portion of the Library, all the books in the basement stacks were transferred to three levels of the northern half of the extensions, and bound journals were distributed over all the shelving in the basement. The fourth level was kept in reserve and a decision on the question of using all of it or only a portion of it for the accommodation of readers will be made as soon as it is known to what extent the improved facilities encourage greater use of the Library.

Resources: The Agreement with the S.A. Branch of the B.M.A. was renewed at the end of the year for a further period of two years, the B.M.A. contribution being on a per capita basis. A similar agreement was made with the S.A. Branch of the Australian Physiotherapy Association, to come into force at the beginning of 1960. This consolidation of resources has strengthened the Medical Library considerably. The availability of copies of the *Australian journal of experimental biology and medical science* for exchange purposes made it possible to continue the policy of extending exchange relations.

For the second year in succession the Council made a special grant which was used to fill long-standing gaps in the collection, especially in English literature, in Law, and in publications relating to the nineteenth century.

Gifts: The Library Committee acknowledges with gratitude gifts of books and periodicals from Professor A. A. Abbie, Miss L. M. Angel, Mrs. M. Arnold, the Australasian Association of Psychiatrists, Australia-Soviet Friendship Society, Professor G. M. Badger, Dr. J. M. Bonnin, Mrs. W. Brown (Kelso, Scotland), Professor T. D. Campbell, Dr. J. E. Cawte, Dr. M. E. Chinner, Professor J. B. Cleland, Professor J. G. Cornell, Mrs. M. E. Dixon, Mr. Stafford Dyson, Dr. B. R. Elliott, Mr. A. Fotis, the French Government, Dr. H. K. Fry, Mr. R. Gill, Mr. J. R. Hancock, Professor A. M. Horsnell, Mr. E. N. S. Jackson, Dr. Helen Mayo, Rev. Fr. F. A. Meham, Professor Sir William Mitchell, Professor Bernard M. Olsen, Mr. W. McDonald Partridge, Miss F. M. Pitt, the Port Adelaide Institute, Dr. T. S. Brailsford Robertson, Mrs. C. J. Robertson, Dr. H. Sasse, the Seventh Day Adventists Students' Society, Mr. A. Moxon Simpson, Dr. A. R. Southwood, Miss L. K. Symon, Mrs. P. M. Thomas, Dr. J. Yeatman, Mr. M. Wachsberger, Miss K. Waterhouse, and Mrs. J. White.

20. POSTGRADUATE COMMITTEE IN MEDICINE

The following visitors were sponsored by the Committee during 1959: Professor A. S. Johnstone, Professor of Radio-Diagnosis in the University of Leeds and Director of Diagnostic Radiology, General Infirmary, Leeds; Professor F. C. Courtice, Professor of Experimental Pathology, John Curtin School of Medical Research, The Australian National University, Canberra (Edward Stirling Lecturer); Dr. L. T. Hilliard, Consultant Psychiatrist and Physician, Fountain Hospital, London; Professor R. J. Rossiter, Professor of Biochemistry in the University of Western Ontario; Professor R. F. Farquharson, Professor of Internal Medicine, University of Toronto; Professor L. T. Samuels, Professor of Biochemistry, University of Utah, Salt Lake City, and President of the International Society of Endocrinology; Mr. T. Y. Nelson, Honorary Consultant Surgeon, Royal Alexandra for Children, Sydney (Swift Memorial Lecturer); Professor Robert Kark, Professor of Medicine in the University of Illinois, Chicago; Mr. H. Osmond-Clarke, Orthopaedic Surgeon of the London Hospital; Professor Jethro Gough, Professor of Pathology and Bacteriology in the Welsh National School of Medicine, Cardiff, Wales; Dr. L. G. Norman, Chief Medical Officer of the London Transport Executive; Dr. Henry S. Acken, Jr., Clinical Associate Professor in Obstetrics and Gynaecology in the State University of New York College of Medicine.

21. POSTGRADUATE COMMITTEE IN DENTISTRY

A Postgraduate Committee in Dentistry was formed during 1959 as part of the University general organisation, its main function being to organise postgraduate lectures by local, interstate and overseas lecturers.

22. DEPARTMENT OF ADULT EDUCATION

The Annual Report of the Department may be consulted at the University. Statistics of the Department will be found in Section 26.

23. THE ANTI-CANCER CAMPAIGN COMMITTEE

General: The cytological service for the detection of unsuspected cancer in women began operation, on a limited scale, under a grant from the Committee; and plans were made for the extension and development of the service. It was decided to hold a further public appeal for funds in May 1962. The Committee created a new position of Physicist in order to extend the services of its physics section to the Queen Elizabeth Hospital. Dr. M. Lederman of the Royal Marsden Hospital, London, accepted an invitation to become the Committee's first visiting lecturer. The Committee agreed to support the Third Australasian Conference on Radiation Biology on the same basis as for the Second Conference. Contract documents were prepared for the purchase of equipment for the physicists' research into radioactive body burden; and the State Government generously promises a further grant of £2,000 to provide a building to house the equipment.

Clinical: The Committee believes that a major improvement in radiotherapy in South Australia has been effected by means of the Linear Accelerator, and that its purchase has been more than amply justified. Most of the chemical substances developed for treating cancer and allied diseases have been used in South Australia; some have provided good palliation but none has given any real prospect of cure.

Physical: The design, construction and testing of apparatus for the calibration of X-ray dosimeters was completed. The physicists investigated certain problems in relation to radioactive contamination, particularly in connection with the ^{60}Co needles which have now completely replaced the radium tubes which were used previously. Investigations of environmental radioactivity and body burden were continued; and a survey of the radiation dosage received by staff and patients in the X-ray department of the Adelaide Children's Hospital was completed, and appropriate safety recommendations made.

Chemical: The Department of Organic Chemistry continued its investigations into the mode of formation of carcinogens and the chemotherapy of cancer. The Department of Physical and Inorganic Chemistry continued its research on nucleic acids.

Biochemical: Research in the Department of Agricultural Chemistry into the biochemistry of tumour cells was continued under three main headings:

Synthesis and breakdown of DPN in normal and tumour cells.

Purification and Properties of DPN-pyrophosphorylase.

Electron microscopy of mammary gland tumours.

Financial: The deficit of £4,016 on the Committee's activities was lower than that of the previous year, but receipt of a back-log of fees from private patients for treatment with the Linear Accelerator tended

to conceal the true deficit for the year. The Committee's capital reserves in the Lord Mayor's Fund remained at £30,000 (face value Commonwealth Stock), but it was estimated that, with the Committee's present commitments, this would be completely exhausted by the time of the appeal in 1962.

24. THE APPOINTMENTS BOARD

The work of the Appointments Board continued to develop during the year. Contacts with business, industry and State and Commonwealth Departments were maintained and many new ones made.

The service to firms in arranging meetings with students increased markedly during the year, and fourteen such meetings, which were well supported by students, were held. Interviews were arranged between many students and representatives of firms.

Under the existing organisation it is difficult to estimate accurately the number of students who succeeded in obtaining permanent positions through the Appointments Board but it is believed that the number was larger than ever before.

An increasing number of opportunities for non-technical graduates became apparent during the year. Many enquiries were received from students and employers, and a number of graduates were successful either in obtaining positions or in selection for Management Training Schemes.

One of the Board's main tasks was the placing of students for vacation work. Some difficulty was experienced in placing all those who registered with the Board, but nevertheless a total of 214 students were placed in employment during the long vacation—171 technical and 43 non-technical.

In February, 1959, the Secretary was invited by the Broken Hill Proprietary Company Limited to join a group of 12 University representatives at Whyalla. A series of conferences with senior members of the firm, together with tours and visits to sites of the Company's activities in the area, proved very informative.

25. STATUTES AND REGULATIONS

Amendments were made to the following Statutes: Chapter VIII—Of Terms; Chapter IX—Of Matriculation; Chapter X—Of the Faculties; Chapter XVIII—Of Academic Dress; Chapter XXIV—Of Non-Graduating Students; Chapter XXV—Miscellaneous; Chapter XXXIX—Of the John Lorenzo Young Scholarship and the John L. Young Scholarship for Research; Chapter LXIV—Of the Shorney Medal and the Shorney Prize.

New Regulations governing the degrees of Bachelor of Science and Master of Surgery, were adopted; and amendments were made to the Regulations governing the degrees of Bachelor of Arts, Master of Science, Bachelor of Laws, Bachelor of Dental Surgery, Bachelor of Music, Doctor of Philosophy and Bachelor of Technology, the Associateship in Arts and Education, the Diplomas in Education, Social Studies, and Physiotherapy, and the Public Examinations.

26. STATISTICS

Numbers of Students—The total number of students was 5,714, the biggest enrolment in the history of the University and an increase of

525 on that for the previous year. The number under the Commonwealth Reconstruction Training Scheme and allied schemes decreased to 9, and these students no longer have any significant effect on the enrolments at the University. Of the increase of 525, 245 were additional enrolments in the Faculty of Arts, while those in the Faculty of Science rose by 96.

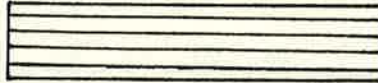
The tendency towards a greater proportion of full-time enrolments was resumed in 1959 when these enrolments represented 52.1 per cent. of the total, or, excluding the Elder Conservatorium, 56.2 per cent. The composition of the student body is shown in the following diagram:

COMPOSITION OF STUDENT BODY, 1959

Full-time
2979 = 52.1 per cent.



Part-time
1960 = 34.3 per cent.



External
361 = 6.3 per cent.



Elder Conservatorium
414 = 7.3 per cent.

*Distribution into Courses:*

A. Candidates for Degrees.

	First Degrees		Higher Degrees		Total		
	M.	F.	M.	F.	M.	F.	Total
Agricultural Science	85	2	13	—	98	2	100
Architecture	56	5	2	—	58	5	63
Arts	548	454	31	6	579	460	1,039
Dentistry	50	11	5	—	55	11	66
Economics	333	12	2	—	335	12	347
Engineering	404	1	21	—	425	1	426
Law	94	10	3	2	97	12	109
Medicine.. .. .	428	85	13	1	441	86	527
Music	5	4	—	—	5	4	9
Science	559	126	45	8	604	134	738
Technology	435	—	—	—	435	—	435
Ph.D.	—	—	79	5	79	5	84
Total	2,997	710	214	22	3,211(a)	732(a)	3,943(a)

B. Candidates for Diplomas and Students taking Miscellaneous Subjects:

	Diplomas or Certificates		Miscellaneous Subjects		Total		
	M.	F.	M.	F.	M.	F.	Total
Agricultural Science ..	—	—	1	—	1	—	1
Arts and Education ..	144	213	178	179	322	392	714
Dentistry	—	—	1	—	1	—	1
Economics	—	—	11	6	11	6	17
Education (Postgraduate diploma)	99(b)	39(b)	—	—	99(b)	39(b)	138(b)
Engineering	—	—	1	—	1	—	1
Law	12	—	1	—	13	—	13
Music	8	33	1	1	9	34	43
Music (Elder Conserva- torium)	—	—	190	224	190	224	414
Optometry	—	—	7	1	7	1	8
Pharmacy	148	36	—	—	148	36	184
Physical Education ..	23	42	—	25	23	67	90
Physiotherapy	7	61	—	—	7	61	68
Public Administration ..	45	—	—	—	45	—	45
Science	—	—	20	21	20	21	41
Social Studies	22	31	—	—	22	31	53
Technology	—	—	15	—	15	—	15
Total Non-Graduating students	508	455	426	457	934(a)	912(a)	1,846(a)

(a) A deduction of 43 males and 32 females should be made from the combined total of groups A and B to allow for students counted in more than one category.

(b) Excluding 307 males and 198 females taking another course as principal course.

Comparison with some Previous Years: The following figures of total enrolments in the various Faculties and courses indicate the changes that have occurred during the last twenty years (the numbers in brackets for 1948 refer to trainees under the Commonwealth Reconstruction Training Scheme):

	1939	1948 (Immediate Post-war Peak)	1958	1959
Agricultural Science	14	52(17)	100	101
Architecture	—	—	41	63
Arts	889	1,197(219)	1,458	1,703
Commerce	331	341(246)	—	—
Economics	71	106(73)	336	355
Dentistry	29	105(42)	64	67
Education (Postgraduate diploma)	84	113(22)	141	138
Engineering	297	765(213)	436	426
Law	72	122(68)	113	121
Medicine	180	515(144)	529	527
Music (Degree and Diploma) ..	29	59(15)	44	45
Music (Conservatorium)	255	575(120)	373	414
Optometry	7	14(6)	20	7
Pharmacy	82	139(30)	172	184
Physical Education (including Domestic Science Students)	—	43(5)	75	88
Physiotherapy	18	47(14)	64	68
Public Administration	46	55(39)	45	45
Science	205	573(148)	681	777
Social Science and Social Studies	11	67(34)	49	52
Technology	—	—	384	449
Ph.D. Candidates	—	—	64	84
Totals	2,620	4,888(1,455)	5,189	5,714

Assistance to Students: The following table shows the various forms of assistance received by students (excluding Elder Conservatorium students and those proceeding to higher degrees):

	Males			Females			Total
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	
Ex-service Training Schemes*	6	3	—	—	—	—	9
Commonwealth Scholarship ..	540	36	1	171	16	—	764
Commonwealth Scholarship and Leaving Bursary	97	—	—	9	—	—	106
Commonwealth Scholarship and Leaving Honours Bursary	22	—	—	3	—	—	25
Commonwealth Scholarship and others	36	15	—	6	—	—	57
Leaving Bursary	32	—	—	4	—	—	36
Leaving Bursary and Teachers' College	25	—	—	21	4	—	50
Leaving Honours Bursary ..	1	—	—	2	—	—	3
Leaving Honours Bursary and Teachers' College ..	11	—	—	1	—	—	12
Teachers' College	354	93	—	287	177	—	911
Education Department (teachers)	—	196	240	1	119	82	638
Colombo Plan	70	4	—	2	—	—	76
Others	253	139	1	30	38	2	463
Total Assisted Students	1,447	486	242	537	354	84	3,150
Unassisted Students	701	802	25	213	168	10	1,919
Total Students	2,148	1,288	267	750	522	94	5,069

* Commonwealth Reconstruction, Disabled Members and Widows, and Korea Malaya Training Schemes.

Overseas Students: There were 279 overseas students (including 47 women) at the University. They were distributed amongst the Faculties and Boards as follows: Engineering, 75; Medicine, 53; Science, 46; Technology, 18; Dentistry, 15; Economics, 14; Agricultural Science, 9; Arts, 8; Architecture, 8; Social Studies, 3; Music and Physiotherapy, each 2; and Law, Science (Forestry) and Pharmacy, each 1. Of the other 23 students, 18 were proceeding to the degrees of Ph.D. (4), M.E. (6), M.Sc. (3), M.Ag.Sc. (2), M.A. (2), and LL.M., and the remaining five were taking subjects for courses at the South Australian School of Mines and Industries.

One hundred and twenty-nine of these students came from Malaya, 68 from Singapore, 26 from Indonesia, 20 from Hong Kong, 6 from Sarawak, 5 from the Philippines, 4 each from India, Vietnam and the United States of America, 3 from Thailand, 2 each from Cambodia, Fiji and Pakistan, and 1 each from Cyprus, Macao, New Zealand and North Borneo. Eighty-four of them (including twenty-six from Indonesia) were sponsored under the Colombo Plan.

Barr Smith Library: The total number of volumes in the Library at the end of 1959 was 230,291, accessions for the year being 10,623. The number of withdrawn volumes for the year was 221. Students and graduates borrowed for home-reading 52,629 books (including 1,148 reserved books borrowed overnight and at week-ends). The corresponding totals for 1957 and 1958 were 33,575 and 45,476 respectively. The number of external students in the Faculty of Arts who joined

the Country Lending Section was 92, and they borrowed 675 volumes by post. The number of volumes lent to libraries in other States increased to 1,242. From these libraries the Barr Smith Library borrowed 237 volumes.

Waite Institute Library: The library added 774 volumes during 1959, making a total number of 13,975 at the end of the year.

Evening Lectures: Evening lectures were given in the following subjects: Biology, Chemistry I, Comparative Philology, Economic Geography, Economics II, Economic Development II, Economic Statistics I, Education, English I and II, French I, General Mathematics, Geology I, Geography I and III, German II and III, History I, IIB and III, Hygiene, Latin I, Modern Languages I and II, Philosophy I, Physics I, Politics I, II and IIIB, Psychology I, IA and IIA, Public Finance, Elements of Accounting, Financial Accounting, Cost Accounting, Commercial Law B, and Theoretical Inorganic Chemistry (Pharmacy).

Department of Adult Education: The Board of Adult Education conducted 40 tutorial classes and 6 lecture classes at the University and 6 lecture classes in the suburbs. Three post-sessional lecture classes were held at the University and the Director was assisted by 45 part-time tutors.

The eighth annual summer school for adults (7 days) was held at St. Ann's College, and an Annual Summer School of Drama (7 days) was initiated. Conferences, seminars and week-end schools were held in the following subjects: business administration, tree growing, creative writing, physics, local government, Shakespearean criticism, electronic control systems, international affairs, music, drama and painting.

Lectures were given at Kingscote, Whyalla, Port Augusta, Port Pirie, Mt. Gambier, Naracoorte, Millicent, Bordertown, Keith, Loxton, Gawler and Elizabeth. A discussion group course on France was prepared for C.W.A. branches and 26 groups within the branches participated. Recitals were arranged at Whyalla and Maitland and 10 week-end schools covering drama, painting and horticulture were arranged in country centres.

Aggregate enrolments were as follows: Classes arranged jointly with the Workers' Educational Association and University extension courses, 2,584; special schools and seminars, 1,068; discussion groups, 193.

Public Examinations: The following numbers of candidates entered for the Public Examinations: 993 at the Supplementary Leaving Examination in February; 8,910 at the Intermediate Examination in November; 5,740 at the Leaving Examination in November; 1,159 at the Leaving Honours Examination. The entries for each examination, except the Supplementary Leaving, provided the biggest absolute increase over the previous year's figures on record, 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 latter is well illustrated by the fact that the number of Leaving Examination candidates in 1959 represented 73.4 per cent. of the number of Intermediate entries in 1958, the highest proportion yet

registered. The growth in the number of candidates for the Public Examinations since 1953 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, 1953-1959

	1953	1954	1955	1956	1957	1958	1959
Intermediate	4,788	5,141	5,362	6,211	6,811	7,684	8,910
Leaving	2,380	2,782	2,872	3,250	3,990	4,852	5,740
Leaving Honours	428	426	531	597	664	880	1,159

The examinations were held in country towns and districts at 62 permanent and 34 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 2,390 entries in theory and 4,474 in practice of music, 338 in musical perception, and 74 in speech and drama.

27. ADMISSION TO DEGREES

Degrees were conferred and diplomas were granted as follows:

At the Annual Commemoration Ceremony on April 1, 1959:

	Males	Females	Total
LL.D. (<i>ad eundem gradum</i>)	1	—	1
M.D.	2	—	2
M.B., B.S.	43	4	47
M.B., B.S. (<i>ad eundem gradum</i>)	2	—	2
M.D.S.	1	—	1
B.D.S.	1	—	1
M.Ec. (<i>ad eundem gradum</i>)	1	—	1
B.Ec. Honours	2	—	2
B.Ec.	14	1	15
B.Ec. (<i>ad eundem gradum</i>)	1	—	1
D.Sc.	2	1	3
M.Sc.	7	1	8
M.Sc. (<i>ad eundem gradum</i>)	1	—	1
B.Sc. Honours	18	4	22
B.Sc.	55	13	68
B.Sc. (<i>ad eundem gradum</i>)	1	—	1
Mus.Bac.	1	2	3
B.Tech.	38	—	38
Ph.D.	6	2	8
Ph.D. (<i>ad eundem gradum</i>)	12	1	13
Diploma in Pharmacy	26	7	33
Diploma in Public Administration	3	—	3
Diploma in Music	—	2	2

At the Annual Commemoration Ceremony on April 8, 1959:

D.Sc. (<i>ad eundem gradum</i>)	2	—	2
LL.M. (<i>ad eundem gradum</i>)	2	—	2
LL.B.	10	3	13
LL.B. (<i>ad eundem gradum</i>)	1	—	1

	Males	Females	Total
M.A. - - - - -	1	—	1
M.A. (<i>ad eundem gradum</i>) - - - - -	3	—	3
B.A. Honours - - - - -	11	11	22
B.A. - - - - -	23	20	43
B.A. (<i>ad eundem gradum</i>) - - - - -	5	—	5
M.Ag.Sc. - - - - -	3	—	3
M.Ag.Sc. (<i>ad eundem gradum</i>) - - - - -	2	—	2
B.Ag.Sc. - - - - -	11	—	11
B.Ag.Sc. (<i>ad eundem gradum</i>) - - - - -	1	—	1
M.E. - - - - -	5	—	5
B.E. Honours - - - - -	19	—	19
B.E. - - - - -	31	1	32
B.E. (<i>ad eundem gradum</i>) - - - - -	1	—	1
B. Arch. (<i>ad eundem gradum</i>) - - - - -	1	—	1
Ph.D. - - - - -	1	—	1
Ph.D. (<i>ad eundem gradum</i>) - - - - -	8	1	9
Diploma in Education - - - - -	20	6	26
Diploma in Arts and Education - - - - -	43	40	83
Diploma in Physical Education - - - - -	2	2	4
Diploma in Social Studies - - - - -	—	4	4
Diploma in Social Science - - - - -	2	7	9
<i>At a Meeting of the Council on Friday, May 29, 1959:</i>			
M.B., B.S. - - - - -	2	—	2
<i>At a Meeting of the Council on Friday, June 26, 1959:</i>			
LL.B. - - - - -	—	1	1
M.B., B.S. - - - - -	1	—	1
B.A. - - - - -	1	—	1
B.Ec. - - - - -	1	—	1
B.Sc. Honours - - - - -	1	—	1
B.Sc. - - - - -	1	—	1
B.E. Honours - - - - -	2	—	2
B.E. - - - - -	3	—	3
M.Ag.Sc. - - - - -	1	—	1
B.Ag.Sc. Honours - - - - -	3	—	3
B.Ag.Sc. - - - - -	1	—	1
Mus.Bac. - - - - -	—	1	1
B.Tech. - - - - -	2	—	2
Ph.D. - - - - -	1	—	1
<i>At a Meeting of the Council on Friday, December 18, 1959:</i>			
M.B., B.S. - - - - -	7	1	8
B.A. - - - - -	3	1	4
B.Ec. - - - - -	1	—	1
B.Sc. Honours - - - - -	1	—	1
B.E. Honours - - - - -	1	—	1
B.E. - - - - -	1	—	1
M.Ag.Sc. - - - - -	1	—	1
B.Ag.Sc. - - - - -	2	—	2
B.D.S. - - - - -	3	2	5
Diploma in Physiotherapy - - - - -	—	1	1

Totals: 35 candidates were admitted to higher degrees by examination or thesis, 34 were admitted to such degrees *ad eundem gradum*; 379 bachelor degrees were conferred by examination and 13 by admission *ad eundem gradum*; and 165 diplomas were awarded.

ACCOUNTS

An abstract, duly signed, of the income and expenditure during the year 1959 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 1959.

Signed on behalf of the Council,

Adelaide,
June, 1960

Chancellor.

COMMEMORATION ADDRESSES

The Annual Commemoration ceremonies were held on April 6 and 13, 1960. The ceremony of April 6 opened with the admission *ad eundem gradum* to the Degree of Doctor of Letters of Professor A. D. Trendall. Professor Trendall then addressed the congregation as follows:—

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

An ancient Roman would no doubt have marked this day with a white stone to signify its auspicious nature, but I prefer to follow the custom of a later age, not uninfluenced perhaps by the academic garb I am wearing, and call it a red-letter day, one of those rare but happy occasions in life the mere recollection of which in days to come will always infuse me with a warm glow of pride and pleasure. I am deeply grateful for the degree you have today conferred upon me, and I prize it the more as coming from a place where the Humanities are held in high esteem and where, as in Athens of old, "the souls of men find pasturage in the glory of the Arts; beside them are enthroned the spirits of devotion and together they work all manner of excellence." That was Euripides in the *Medea* speaking of Periclean Athens, but would you find a better description of your own recent Arts Festival, the triumphant success of which has more than justified the faith of its organisers and given much-needed encouragement and inspiration to supporters of the arts throughout this country?

Nor must we forget that the Humanities Research Council, of which I had the honour of being the first chairman, had its genesis in Adelaide and came into being through the efforts of Professor Jeffares, the then holder of the Jury Chair of English, fired by the enthusiasm of Dr. Brian Elliott, who saw what had been achieved by the parallel body in Canada. Much of the burden of its formative years was borne by Dr. Grenfell Price as secretary and more particularly as editor of the recently published "Survey of the Humanities in Australia", a task to which he brought the same spirit of devotion as he did to the creation and development of St. Mark's College, and it gives me especial pleasure to pay tribute to him upon this occasion.

The Humanities Survey raises a number of problems of vital import for the future of education in this country, not least among them being the part to be played by the Humanities themselves, especially in the training of scientists. The problem is not altogether new; Aristotle writing in the 4th century B.C. says in his *Politics*, "the current practice in education is perplexing. It is far from clear whether the aim of our training should be the practically useful, the morally edifying or the higher knowledge. All three views have their supporters." The debate continues no less keenly today, at a time when our education system is undergoing fundamental and far-reaching modifications, when there is every sign of an increasing cleavage between the humanities on the one side and the sciences on the other and a growing lack of appreciation on both sides of the other's point of view, which may soon lead to a degree of mutual misunderstanding that may well prove fatal.

The past fifty years have witnessed an enormous and significant change in the make-up of our Universities. Arts has lost its dominant position, largely as the result of a gradual process in the development of specialisation, which has brought into being an increasing number of new faculties, and which has of late been vastly accelerated thanks to rapid advances especially in physics and technology. We cannot entirely ignore the fact that the impetus for the creation of new universities has come largely from the scientific side nor that the purpose of the modern university movement is being characteristically, though not exclusively, identified with the advancement of science and that there is a very real danger that in the scientific or technological University of tomorrow, Arts subjects may survive only on a basis of toleration, and find themselves reduced almost to the rank of secondary tools.

For this state of affairs the humanist is not entirely free from blame. For many generations the Classics at least had been able to look down upon the world with an air of serene superiority—*conscia virtus* would perhaps be a better name for it—born of a long and secure sojourn behind the walls of Castle Privilege. This attitude was not perhaps that best calculated to win outside support, and when the walls were breached by the hosts of science, the humanist—and particularly the Classic—suddenly found himself almost isolated and very much on the defensive. A mere assertion of the intrinsic excellence of his subject no longer sufficed to protect him from the critical attacks of those who had successfully stormed his citadel from without. In some ways we can see a parallel in the regular formula of classical tragedy where the hero is led to destruction by some fault in his own character to which he remained obstinately blind. And if the enemy was attacking from without, there was within a no less insidious foe operating through an abuse of erudition to drive a ponderous wedge between the student and the great texts of humanism, by directing him to regard them rather as vehicles for scholarly comment and technical observation than as masterpieces to be read and appreciated as such. One remembers the teacher reputed to have said “this term you are to have the privilege of reading the *Oedipus at Colonus* of Sophocles, a veritable treasure-house of grammatical peculiarities,” and one could not altogether blame the scientist for thinking “You have made a wilderness and you call it scholarship” and asking what was the worth of such studies for the average student. Now it is the aim of the humanist—as the recent Survey admirably expresses it—“to come to a fuller understanding of the major achievements of the creative human spirit through a study of its masterpieces.” This is a task which calls for the exercise of the highest scholarship, but a wise interpreter does not carry it to such a point of pedantry as to conceal rather than reveal the work with which he is concerned. The ordinary student should be given the opportunity of appreciating it as a whole, not submerged beneath a deluge of footnotes or a commentary many times the length of the original.

No one has a more profound belief in the value of the Humanities than I, and in particular of the immense contribution made by Greece and Rome, and I wish others to share with me the infinite pleasure I have had in sailing beyond the sunset with Ulysses, in watching the

rise of Rome through the eyes of Vergil in his stately hexameters, in contemplating the simple majesty of a Greek temple, the tranquillising beauty of a vase or the colourful pageantry of mosaic. The achievements of these past civilisations find a reflection not only in our language—even the scientist today still turns to Greek to find words in which to express himself—but in our lives, and it is salutary for us at times to set the contemporary against the perspective of the past, and to realise that however spectacular the victories of modern science may be, man himself is no more deeply concerned about ultimate questions than he was in classical or medieval times, nor has his creative imagination become more highly developed.

In this age of increasing specialisation, when workers in different branches of the same subject can barely understand each other, it seems to me that we are in need, as never before, of that spiritual enrichment and that sympathy of approach which should come to us from the study of the greatest creations of the human mind. Few people would deny that a University is hardly worthy of the name if it allows its undergraduates to remain unaware that the values impressed upon them by a purely scientific training are not universally valid—for there are other values, moral, political, spiritual, aesthetic, which such a discipline may not impart. One of the most interesting phenomena in the contemporary University scene is the attempt to inject some measure of humanism into scientific curricula. Many proposals have been put forward, from the interpolation of a year of general study—almost entirely cultural in character—between the secondary school and professional training, to the inclusion of a limited number of so-called survey courses in the humanities or the giving of occasional general lectures on different aspects of world civilisation. None of these seems so far to have supplied the right answer. Something more than an injection is required, and the humane element must be fully integrated with professional training, so that each may enrich and give meaning to the other. Here again I sometimes wonder whether humanists have incurred the guilt of hubris by thinking that they had exclusive control of the paths which lead to Parnassus. This is hardly so, for *properly taught* a science can be a very humane discipline, bringing the student into close contact with the great thinkers and ideas of the past. Let us not forget that the present division between the humanities and science goes back only to the 18th century, and that in earlier days they went hand in hand, for Plato the philosopher wrote of astronomy, Theophrastus the founder of botany was a master of rhetoric, Pliny the encyclopaedist gave up his life during the eruption of Vesuvius because of his scientific zeal, that Giotto was both architect and painter, and to Leonardo painting, sculpture, experimental science were all one. Ought we not to give more serious consideration to the introduction of a full-scale course on the history of scientific thought and of ideas from the dawn of civilisation down to modern times? It would probably need to be spread over three years to cover the subjects even briefly, but the extra time would not be spent in vain, for during this period students would inevitably be brought into direct contact with the great contributions made by the ancient world, by the Orient, the Middle Ages, and the Renaissance down to our own times, and would

see the enormous developments of this century as part of the continuous process of human achievement. Such a course should also contain a large element of planned reading, so that the great minds can speak for themselves, if not in their own words then at least in the many excellent translations readily available today, for these are not to be despised, any more, as Livingstone has put it, than sensible people would refuse to be saved from shipwreck in a cargo boat on the ground that they never travel in anything less than a liner! Adelaide has already taken an important step in this direction, and I hope it will have the courage to go further, not overlooking the fact that the need of the arts student in this regard is no less than that of the scientist, and that here in the history of ideas and their development, both can at least meet on common ground to their mutual advantage, and each see a little more clearly into the mind of the other. One of the sadder commentaries on the state of education today is the appalling shortage of people competent to give such courses as those I have in mind.

If a man's mind be open to the influences of culture he will find not a little of it within the range of his own profession, however technical it may be, and if he has had something of the broad training I have suggested he will delight in the opportunity of weaving ever-widening associations around his work and thoughts and of enlarging the horizon of his mind, aided by that sympathetic attitude and spirit, which should be one of the first fruits of a broadly based education. To sup with the Muses one needs no special apparatus—an open mind, a willing ear and a persevering spirit will suffice, and the rewards they offer are great. I cannot put it better than in the words of Cicero—"such studies are the food of youth, the charm of old age; in prosperity an ornament, in adversity a refuge and consolation—they are our comrades during the watches of the night, in foreign lands, in country retreats." In a word they quicken our understanding and enrich our lives, adding a new dimension and enabling us to see things in the round rather than in relief.

This seems to me more than ever vital in a technological civilisation, when there is an increasing danger that the human element is overlooked or treated as a mere cog in a vast organisation and that, as Sir Alexander Carr-Saunders has recently put it, universities become academic service-stations or organs of a welfare state, turning out technologists as national needs dictate. If universities are to fulfil their real purpose and at the same time achieve a practical end, surely they must turn out graduates who will at the same time be good members of society, and that involves more than specialised knowledge or technical accomplishment. To achieve that end it is essential that humanist and scientist work together in harmony and mutual trust, each realising the vital function of the other, if they are to provide that balance of education so necessary if we are not in the end to sink into technological totalitarianism and "*propter vitam vivendi perdere causas*".

Mr. Chancellor, graduates of the University of Adelaide have spread its fame all over the world, literally to the furthest confines of the earth—if the South Pole may be so described. Some indeed have "percolated" to the Australian National University, which will forever

be indebted to Sir Howard Florey, who was instrumental in founding our John Curtin School of Medical Research and to Sir Mark Oliphant, director of our school of physical sciences—may I add to theirs the names of two others, who, if not graduates, both formerly held chairs in Adelaide—Sir Leslie Melville our Vice-Chancellor, and Sir Keith Hancock, that distinguished humanist who guides with such skill and wisdom the destiny of our school of social sciences, to which it is my earnest hope that we shall soon add the humanities. Among our staff and research students, we number many more of your graduates, and I shall always look with pride upon the day when by adding my name to their roll you thus provided another link between our two institutions. For this I offer you my humble and heartfelt thanks in the hope that your light may shine yet more brightly and confident that the future has in store for you even greater triumphs than the past.

In opening the proceedings on April 13, the Vice-Chancellor, Mr. H. B. Basten, said:

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

Before I present to you some account of the past year—a year packed with events of moment to the University—I should like to welcome to this ceremony of commemoration those of you who are our guests. I should like also to welcome to the Council of the University, Mr. J. A. Heaslip, who became a member of our governing body last August. He took the place of Mr. Geoffrey Clarke, who was a Parliamentary Member of the Council for twelve years until 1959. The University is most grateful to Mr. Clarke for the interest and time that he devoted to its affairs.

Sir Robert George, who was Visitor of the University until he left the State, received before his departure a farewell message from the University. I should like to repeat to-day our thanks to him and Lady George for the occasions on which they honoured and graced our ceremonies with their presence.

During the past year, the Senate elected Mr. Hannan to be its Warden in succession to the Honourable Sir George Ligertwood, and Professor Trevaskis was elected Chairman of the Education Committee. The Finance Committee elected Mr. R. A. Simpson to be its Deputy Chairman. There were no other changes among the members or office-bearers of the Council or among the officers of the Senate.

An event of particular sadness during the year was the death of Lady Napier. The Council and Senate of the University join in offering condolence to the Chancellor for the loss he suffered. For nearly twelve years Lady Napier by her manner and her bearing, by her kindness and her simplicity, set a perfect example of those qualities which we always hope to find in the wife of our Chancellor. By the whole University, her death is deeply regretted.

The University lost many distinguished members during the year. Of those who died, some were advanced in years, but Sir Claude Gibb, a most faithful friend and benefactor of his University, died at

the early age of 60. Mr. Ernest Phillips, a lecturer for 21 years in the Faculty of Law and the University's wise and kindly legal adviser, died at the riper age of 72. Then, at the end of the year, we lost Professor Wood, a man of great distinction in the world of science, a man of culture and personal charm, and of such character that he became an Elder Statesman in our ranks, the loss of whom is a great bereavement. To the families and friends of these and others who have died, the University offers its deepest sympathy.

At the end of 1959, Dr. K. S. Hetzel relinquished the Deanship of the Faculty of Medicine. He had held this office for seven years. Until recently, the clinical departments of the Medical School had been directed, ever since their foundation, by a succession of eminent practitioners. Now, we have in most of the important branches of clinical medicine, Chairs and full-time Professors. It seems to me that the retirement of Dr. Hetzel from the office of Dean is the proper occasion for the University to acknowledge its enormous debt to him and to those other men and women who have for so long devoted their private time and energy to the welfare of the Medical School. It has been a burden, although they have borne it so willingly. There is no need for me to pay an inexpert tribute to the quality of their work. If the clinical branches of the Medical School, under their guidance, had not become so good we should never have attracted to our new Chairs men of such high quality. There is, however, one tribute I should like to pay to the present generation of practitioners who have worked and are still working for the Medical School. Small men and women relinquish personal power with difficulty. They, by contrast, have lent and continued to lend their vigorous and sympathetic support to the new order.

To all those who retired or resigned last year, we wish happiness. They will be much missed. Dr. Coghlan, Senior Lecturer in German, resigned on his appointment to the Chair of German in the University of New England. Mr. Grant, Senior Lecturer in Economics, became Professor of Applied Economics in the University of Tasmania. Mr. Morgan, Reader in Mining Engineering, obtained the Chair of Mining Engineering in the University of New South Wales. Dr. Meadows, who had been head of our Department of Psychology since 1955, resigned in order to accept a senior post in industry; we congratulate them on their new eminence. Professor Huxley, for eleven years Elder Professor of Physics, resigned at the end of 1959 in order to become a member of the Executive of the Commonwealth Scientific and Industrial Research Organisation. Happily, he continues to be a member of the University Council. But even so, we shall miss sorely the wise guidance he gave to us, in so many branches of University life. He will find his new and high responsibilities exacting, but we know that his contributions to science in Australia will be as valued by his new colleagues as they have always been by us. The Council has awarded him the title of Professor Emeritus. Mr. Lipsham, whose association with our Department of Pharmacy began with its establishment, has retired after 27 years of service. During this time he earned the affection of many generations of students and the unqualified respect of his colleagues. Miss Gill, who devoted 40 years to the teaching of music in the Elder Conservatorium, has also retired. Her

very gracious presence in the University will be greatly missed. Both to her and to Mr. Lipsham we wish many happy years of retirement.

Five new Chairs have been filled during the year. Dr. Cornish, one of our own most distinguished graduates, has accepted the Chair of Mathematical Statistics. His name is internationally known and we are most grateful to him for accepting this Chair while continuing to be Chief of the Division of Mathematical Statistics in the Commonwealth Scientific and Industrial Research Organisation. Dr. Jeeves, who has recently come from the University of Leeds to our Chair of Psychology, will enrich the Department's work by his strong interest in experimental psychology; an important branch of the subject which is, at present, well developed in no Australian university. Dr. Maxwell, formerly Assistant Professor of Child Health in the University of Wisconsin, has become our new Professor of Child Health. He has the task of building a department on rather exiguous foundations, but I am confident that he possesses the patience, the good sense and foresight which a task like his demands. Our Chair of Education has been filled by Mr. Neal. It is hard to imagine an assignment more delicate than his. He must master the situation of education in this State; he must assess what contribution the University can make to the study and practice of education here and strive for the general acceptance of this contribution. I need only say that I believe he is equal to this unusual task. Finally, we welcome Dr. Rowley to the Chair of Microbiology. He has brought with him, from the Wright-Fleming Institute, a reputation which is already distinguished. His branch of science is certain to flourish here under the influence of his high academic attainments, his energy and his sound good sense. We welcome these and all others who have joined our society during the year, and we hope that they will be happy here in the pursuit of their different arts and sciences.

The year has been marked by two substantial benefactions; one is the bequest of Mr. McGregor Reid which is destined for research into cancer; the other is that of his wife, which may be used for cancer or other medical research. The total value of these bequests is about £125,000, and the generosity of these two benefactors is deeply appreciated by the University.

Perhaps I may now speak of more general events in the history of the year. It gives me particular pleasure to thank the Government of the State for having continued for another year its generous, enlightened and yet prudent policy towards the University. As a consequence, we face the growing number of enrolments in no spirit of despondency. This year, our numbers will exceed 6,100, an increase of 9 per cent. over 1959. Next year we expect an increase of the order of 8 per cent. And so it will go on. This rate of growth imposes a strain on the academic staff and on the administration of the University which would be too great to be borne, without the sympathetic support of the Government. In particular, I should like to draw attention to a new form of Government support which we received for the first time last year. The Government gave £1, up to a limit, for each £1 that the Colleges of the University received in the form of donations by the public. The Commonwealth Government gave, also up to a limit, £1 for each £1 received by the Colleges from

the public and the State Government. The Colleges have thus been enabled to enlarge their accommodation substantially. They and the University are particularly grateful to the Government and to their other benefactors for this aid. It ensures the provision of a necessary and most desirable form of help to many more undergraduates.

An outward and visible sign of our growth may be observed in the new buildings which were completed during 1959. The Organic Chemistry Building and the new wing at the Waite Agricultural Research Institute have been occupied since the beginning of this year. The extension of the Barr Smith Library has also been completed. In part it is being used for the purposes of the Library, and in part to afford temporary accommodation to the Faculties of Arts and of Law. The new building which will permanently serve these Faculties and the Faculty of Economics was begun a fortnight ago. As it progresses, the extension of the Library will be wholly devoted to its proper purpose.

Perhaps the most exacting event of the year was the visitation we received from the Australian Universities Commission. To it, we had to present in great detail our plans to meet the rapidly rising demands which the growth of population and the new complexities of society place upon us. These demands we must try to meet while faithfully serving our duty to maintain scholarship and research. The University is, of course, close to the physical limits of expansion on its present site and this year, we must, if we are not to fail in our duty some years hence, begin to make plans for University work to be performed on another site. Confusion and higher costs are the penalties for preparing plans too late. If I describe the visit of the Universities Commission as exacting, I do so on account of the gravity of the issues examined and the degree of detail the Commission very properly sought from us. The members of the Commission were most courteous, and it is particularly pleasant to remind you that Mr. K. A. Wills, a member of our Council for fourteen years, and Chairman of our Finance Committee, was himself a member of the Commission. I am very glad indeed that he accepted this burdensome honour. The recommendations of the Commission are not yet known. We await them, as the Chancellor said last week, with resignation rather than patience.

There are two other events I shall mention. First, I should like to congratulate the South Australian School of Mines and Industries, which has given such outstanding service to the State for 70 years, on its reconstitution as the South Australian Institute of Technology. I believe that this development is in the best interests of higher education in this State, and that it inaugurates a second phase in the history of the former School of Mines which will be at least as distinguished as the first. The other event concerns a memorial to a very great member of this University. The Council has established, in memory of Sir Douglas Mawson, the Mawson Institute for Antarctic Research. It has begun modestly, as a library of books on relevant subjects and as a museum of relics of the Mawson explorations and of specimens brought from the Antarctic. It has moreover assumed responsibility for the publication of the scientific records of those explorations, which still remain unpublished. We are confident that the Institute will grow in fame and in usefulness.

There are other matters which by tradition I could or perhaps should report to you; but it is also a tradition that I should not speak for longer than I have. Perhaps, Mr. Deputy Chancellor, it is a measure of our growth that this year there are matters which must go untold.

BIBLIOGRAPHY FOR 1959

OF PUBLICATIONS BY

MEMBERS OF THE UNIVERSITY STAFF AND RESEARCH WORKERS.

- ABBIE, ANDREW ARTHUR, M.D., D.Sc. (Syd.), Ph.D. (Lond.), F.R.A.C.P., F.R.A.I., Elder Professor of Anatomy and Histology.
Hinc illae lacrimae. Ophth. soc. of Aust. Trans. 18 (1958), 43-51.
Original Australians. Leech 28 (1958), 120-30. Raymond A. Dart Commemorative Number.
Sir Grafton Elliot Smith (Post-Graduate Oration, Univ. of Sydney). Post-Grad. Ctee. Med. Univ. of Syd. Bull. 5 (1959), 101-50.
- ABELE, CHARLES, B.Sc., Research Scholar in Palaeontology.
Geology of the Cambrian South of Adelaide (Sellick Hill to Yankalilla) (with B. McGowan). Roy. soc. of S.A. Trans. 82 (1959), 301-20.
- ABELE, KARLIS, Ph.D. (Marburg), M.A. (Riga), Lecturer in Cytology, Waite Agricultural Research Institute.
Cytological studies in the genus *Danthonia*. Roy. soc. of S.A. Trans. 82 (1959), 163-173.
- AITCHISON, GORDON JAMES, Ph.D., Senior Lecturer in Physics.
Some deductions of ionospheric information from the observations of emissions from satellite 1957: I. Theory of the analysis (with K. Weekes). II. Experimental procedure and results (with J. H. Thomson and K. Weekes). Jour. atmos. terr. phys. 14 (1959), 236-48.
Satellite over Cambridge. Focus (Jour. of Adel. Univ. Sci. Assoc.) 1 (1959), 22-3.
- ALDEN, WILLIAM GEORGE, M.A. (Camb.), Lecturer in Animal Production, Waite Agricultural Research Institute.
Fat lamb production. Bankers' conf. on pasture improvement and land devel. Mt. Gambier. Proc. (1958), 64-73.
Note on some aspects of summer nutrition of weaner sheep in a mediterranean environment. Aust. soc. animal prod. 2 (1958), 108.
- ALDERMAN, ARTHUR RICHARD, Ph.D. (Camb.), D.Sc., F.G.S., Professor of Geology and Mineralogy.
Aspects of carbonate sedimentation. Geol. soc. of Aust. Jour. 6 (1959), 1-10.
Contemplations on certain types of metamorphic reaction. Roy. soc. N.S.W. Jour. and Proc. 92 (1959), 99-103.
Obituary notice—Sir Douglas Mawson. Geol. soc. of Aust. Jour. 6 (1959), 57-9.
Obituary notice—Sir Douglas Mawson. Geol. soc. of Lond. Proc. (1959), 149-51.
Professor Sir Douglas Mawson—Memoir and bibliography. Roy. soc. of S.A. Trans. 82 (1959), 1-6.
- ANDREWARTHA, HERBERT GEORGE, D.Sc., Reader in Animal Ecology.
Density-dependent factors in ecology. Nature 183 (1959), 200.
- ANGEL, LAURA MADELINE, M.Sc., Senior Demonstrator in Zoology.
Account of *Plagiorchis maculosus* (Rud.), its synonymy, and its life history in South Australia. Roy. soc. of S.A. Trans. 82 (1959), 265-81.
- ASPINALL, DONALD, Ph.D. (Nott.), Lecturer in Plant Physiology, Waite Agricultural Research Institute.
Analysis of competition between barley and White Persicaria. I. Effects on growth (with F. L. Milthorpe). Annals of appl. biol. 47 (1959), 156-72.
- AURICHT, CLIVE OSWALD, M.B., B.S., Research Scholar in Medicine.
Genetical study of Kuru (with J. H. Bennett and A. J. Gray). Med. jour. of Aust. 1959 II, 505-8.

- BADGER, GEOFFREY MALCOLM, M.Sc. (Melb.), Ph.D. (Lond.), D.Sc. (Glasgow), F.R.I.C., F.R.A.C.I., F.A.A., Professor Organic Chemistry.
Activated metal catalysts in organic synthesis. Liversidge Lecture, A.N.Z.A.A.S. 1958. Aust. jour. of sci. 21 (1958), 45-51.
Formation of aromatic hydrocarbons at high temperatures. Pt. 5: Pyrolysis of 1-Phenylbuta-1, 3-diene (with T. M. Spotswood). Chem. soc. Jour. 1959, 1635-41.
Polynuclear heterocyclic systems. Pt. 13: Reactions of ethyl diazoacetate with naphthalene and its heterocyclic analogues (with B. J. Christie, H. J. Rodda and J. M. Pryke). Chem. soc. Jour. 1958, 1179-84.
Reaction of ethyl diazoacetate with thionaphthene (with H. J. Rodda and J. M. Sasse). Chem. soc. Jour. 1958, 4777-79.
Synthetical applications of activated metal catalysts. Pt. 6: Desulphurisation with Raney cobalt (with N. Kowanko and W. H. F. Sasse). Chem. soc. Jour. 1959, 440-4.
Ultraviolet absorption spectra of polycyclic heterocyclic aromatic compounds. Chapter IX in "Six-membered heterocyclic nitrogen compounds with three condensed rings," edited C. F. H. Allen. Interscience, N.Y. 1958.
- BARLEY, KEITH PERCIVAL JOHN, M.Agr.Sc. (Melb.), Senior Lecturer in Agronomy, Waite Agricultural Research Institute.
Earthworm populations found near Adelaide and their influence on the fertility of the soil. Ph.D. thesis, Univ. of Adelaide. 1958.
Effects of flood irrigation and plant growth on two Riverina soils (with A. L. Tisdall). Aust. jour. agric. res. 10 (1959), 510-7.
Influence of earthworms on soil fertility. I. Earthworm populations found on agricultural land near Adelaide. II. Consumption of soil and organic matter by the earthworm *Allolobophora caliginosa* (Savigny). III. Influence of earthworms on the availability of nitrogen (with A. C. Jennings). IV. Influence of earthworms on the physical properties of a red brown earth. Aust. jour. agric. res. 10 (1959), 171-85, 364-76.
Influence of grass roots on the conduction of water through coarse textured soils (with R. H. Sedgley). Soil sci. 86 (1958), 175-9.
Introduced dryland pastures on a sandy loam near Deniliquin (with C. A. Neal-Smith and F. Arndt). C.S.I.R.O. Div. Plant Ind., Div. rept. 17 (1958).
Some environmental factors influencing the release of plant nutrients from plant litter and dung. Aust. Agros. Conf. Proc. Armidale. 1958.
- BARNES, ERIC STEPHEN, B.A. (Syd.), Ph.D. (Camb.), F.A.A., Elder Professor of Pure Mathematics.
Construction of perfect and extreme forms, Pt. II. Acta arithmetica 5 (1959), 205-22.
Criteria for extreme forms. Aust. math. soc. jour. 1 (1959), 17-20.
Some extreme forms defined in terms of Abelian groups (with G. E. Wall). Aust. math. soc. 1 (1959), 47-63.
- BENNETT, JOHN HENRY, M.A., B.Sc. (Melb.), Ph.D. (Camb.), Professor of Genetics.
Genetical study of Kuru (with A. J. Gray and C. O. Auricht). Med. jour. of Aust. 1959 II, 505-8.
Possible genetic basis for Kuru (with F. A. Rhodes and H. N. Robson). Amer. jour. of human genetics 11 (1959), 169-87.
- BEST, RUPERT JETHRO, D.Sc., Reader in Virology, Waite Agricultural Research Institute.
Introducing South Australia (A.N.Z.A.A.S., Adelaide) and Melb. Univ. Pr. 1958. (Edited by R. J. Best.) 16, 360 p. 88 plates.
Living molecules: a survey of recent advances in our understanding of the nature of viruses. Aust. jour. of sci. 18 (1956), 106-20.
Opportunities for Australians to travel abroad. 1956. Aust. nat. advisory committee for U.N.E.S.C.O., Sydney. (R. J. Best, Chairman of Working Party.) 107 p.
Pre-school education. Introducing South Australia (A.N.Z.A.A.S. 1958). Chapter 37, 319-21.
Resistance of higher plants to viruses. Aust. inst. agric. sci. jour. 22 (1956), 174-9.

- Scientific research: a brief survey. Introducing South Australia (A.N.Z.A.A.S. 1958). Chapter 31, 287-91.
- Study abroad. *A/sian jour. of pharm.* 1956. (Guest editorial.)
- Virus nucleoproteins. *Roy. Aust. chem. inst. Proc.* 25 (1958), 258-60.
- BISWAS, SAMARENDRA NATH, Ph.D. (Calcutta and Adel.), Research Fellow, Department of Mathematical Physics.
- Distribution of K-Mesons produced in high energy nuclear interactions. *Phys. soc. of Lond. Proc.* 72 (1958), 169-81.
- BLACK, JOHN NICHOLSON, M.A., D.Phil. (Oxford), Reader in Agronomy, Waite Agricultural Research Institute.
- Competition between plants of different initial seed sizes in swards of subterranean clover, with particular reference to leaf area and the light microclimate. *Aust. jour. agric. res.* 9 (1958), 299-318.
- Competition between wheat and three-cornered jack (*with* H. S. Hawkins). *Aust. inst. agric. sci. jour.* 24 (1958), 45-50.
- Growth of a clover sward. *Nutrition of the legumes*, ed. Hallsworth, 1958, 295-307.
- Light intensity and plant growth. U.N.E.S.C.O. Arid zone res. Proc. Canberra symposium (1956), 178-80.
- Ljusklimatet i vallväxtbestånd. En översikt (The light microclimate of pasture swards. A review). *Kungl. Lantb. Akad. Tidsk. Arg.* 98 (1959).
- Physiological and ecological studies, 11: A further assessment of the influence of shading on the growth of different species in the vegetative phase. 12: The role of the light factor in limiting growth (*with* G. E. Blackman). *Ann. bot. N.S.* 23 (1959), 51-64, 131-46.
- Seed size in herbage legumes. *Herb. abst.* 29 (1959), 235-43.
- Significance of leaf area in pasture growth (*with* C. M. Donald). *Herb. abst.* 28 (1958), 1-6.
- BROWN, LAURENCE BINET, M.A., Dip.Ed. (N.Z.), Ph.D. (Lond.), Lecturer in Psychology.
- The "Day at Home" in Wellington, New Zealand. *Jour. soc. psychol.* 50 (1959), 189-206.
- Differential job satisfaction of English migrants and New Zealanders. *Occup. psychol.* 33 (1959), 54-58.
- Method of establishing a social audit in a mental hospital (*with* J. E. Cawte). *Aust. jour. of psychol.* 10 (1958), 278-86.
- Place of expectations in the process of assimilating to the Air Force. C.A.C.D.S. Meeting of Service Psychologists, Aug. 1958. Proc.
- BROWNING, THOMAS OAKLEY, Ph.D., Senior Lecturer in Animal Ecology.
- Long-tailed mealybug, *Pseudococcus adonidum* (L.) in South Australia. *Aust. jour. agric. res.* 10 (1959), 322-39.
- BURDEN, JENNIFER KEEVES, Soc. Stud. Cert. (Edin.), Research Worker, Department of Obstetrics and Gynaecology.
- Study of demand feeding and rooming-in of babies. *Med. jour. of Aust.* 1959 I, 520-7.
- CARTER, MAURICE VERNON, M.Ag.Sc., Lecturer in Plant Pathology, Waite Agricultural Research Institute.
- Chemical destruction of mature perithecia of *Mycosphaerella pinodes*. *Nature* 183 (1959), 162-3.
- CASLEY-SMITH, JOHN ROYLE, B.Sc., M.B., B.S., former research worker in the Department of Anatomy and Histology.
- Blood pressures in Australian aborigines. *Med. jour. of Aust.* 1959 I, 627-33.
- CHARNOCK, JOHN STEWART, B.Sc., Research Assistant (N.H.M.R.C.), Department of Medicine.
- Effect of salicylate on plasma protein bound iodine in man (*with* B. S. Hetzel and B. F. Good). *Aust. jour. of exp. biol. and med. science* 37 (1959), 473-9.
- Metabolic effects of salicylate in man (*with* B. S. Hetzel and H. Lander). *Metabolism* 8 (1959), 205-13.

- CLARK-LEWIS, JOHN WILLIAM, B.Pharm., B.Sc. (Lond.), Ph.D. (Nott.), F.R.I.C., F.R.A.C.I., Reader in Organic Chemistry.
 5-Aminomethylene-1, 3-dimethylbarbituric acids (*with* M. J. Thompson). Chem. soc. jour. 1959, 2401-8.
 Natural occurrence of Enantiomorphous Leucoanthocyanidins: (+)-Mollisacacidin (Gleditsin) and Quebracho (—)-Leucofisetinidin (*with* D. G. Roux, Leather Industries Research Institute, South Africa). Chem. soc. jour. 1959, 1402-6.
 Occurrence of 4-Hydroxypipercolic acid in Acacia species (*with* P. I. Mortimer). Nature 184 (1959), 1234.
 Preparation of 1, 3-Dimethylbarbituric acid and formation of 5-Ethoxycarbonylacetyl-1, 3-dimethylbarbituric acid (*with* M. J. Thompson), Chem. soc. jour. 1959, 1625-9.
 Quinoxaline derivatives. Part VI. Molecular rearrangements of 3, 4-Dihydro-4-methyl-3-oxoquinoxaline-2-carboxy-N-methylanilide 1-Oxide, and of Nitromalonbis-N-methylanilide (*with* G. F. Katekar). Chem. soc. jour. 1959, 2825-30.
 Syntheses from Phthalimido-acids. Part X. Derivatives of DL-Penicillamine (*with* F. E. King and W. A. Swinden, formerly of the Univ. of Nottingham). Chem. soc. jour. 1959, 2259-63.
 Thiazolidines in the synthesis of penicillamine peptides (*with* F. E. King, G. R. Smith and W. A. Swinden). Chem. soc. jour. 1959, 2264-6.
- CLELAND, JOHN BURTON, M.D., Ch.M. (Syd.), F.R.A.C.P., Emeritus Professor of Pathology.
 Cancer of the lung (letter). Med. jour. of Aust. 1959 II, 621.
 Gametoid theory of cancer (letter). Lancet 1959 I, 836-7.
 Native names and uses of plants at Haast's Bluff, Central Australia (*with* N. B. Tindale). Roy. soc. of S.A. Trans. 82 (1959), 125-40.
 Plants of the Encounter Bay district. Seventh list of additional records. S.A. nat. 34 (1959), 22-4.
 Undergraduate of the nineties. Adel. Univ. Grad. Union Gazette 2 (1959).
- COCHRANE, GORDON ROSS, M.A., B.Sc. (N.Z.), Lecturer in Geography.
 Development in tropical Australia. N.Z. geographer 15 (1959), 195-6.
- COLLINS, FRANK MILES, M.Sc., Lecturer in Bacteriology.
 Modified design of the Audus soil-perfusion apparatus. Analyst 83 (1958), 699-701.
 Nitrite production by a thermophilic bacterium (*with* C. M. Sims). Aust. jour. agric. res. 10 (1959), 832-8.
- COLTON, ROBERT STIRLING, M.D., M.R.A.C.P., Assistant to the Professor, Department of Medicine.
 Survey of leukaemia in the Commonwealth. Aust. ann. med. 8 (1959), 55-65.
- COOMBE, BRYAN GEORGE, Ph.D. (Calif.), M.Ag.Sc., Lecturer in Plant Physiology (Horticulture), Waite Agricultural Research Institute.
 Fruit set and development in seeded grape varieties as affected by defoliation, topping, girdling, and other treatments. Amer. jour. of enology and viticulture 10 (1959), 85-100.
- CORNELL, JAMES GLADSTONE, M.A. (Melb.), L. ès L. (Paris), Chevalier de la Legion d'Honneur, Professor of French Language and Literature.
 "Apologia pro exegetice." A.U.M.L.A. no. 10 (1959), 21-7.
- CRAN, JAMES ALEXANDER, B.D.Sc. (Qld.), M.D.S. (Adel.), Reader in Dental Surgery and Pathology.
 Bacteriology and pathology of the pulpless tooth. Aust. dental jour. 4 (1959), 241-5.
 Relationship of diet to dental caries. Aust. dental jour. 4 (1959), 182-190.
- CROWLEY, NEIL CLARENCE, B.Sc.Agr. (Syd.), Ph.D. (Adel.), Lecturer in Plant Pathology, Waite Agricultural Research Institute.
 Use of skim milk in preventing the infection of glasshouse tomatoes by tobacco mosaic virus. Aust. inst. of agric. sci. jour. 24 (1958), 261-3.
- CULVER, ROY VERNON, Ph.D., D.I.C., B.Sc., Senior Lecturer in Industrial Chemistry.
 Reduction of barytes with hydrogen. Pt. 1: Kinetic studies in a differential reactor. Pt. 2: Kinetic studies in fixed and fluidised beds (*with* C. J. Hamdorf and E. C. R. Spooner). Jour. of appl. chem. 8 (1958), 810-27.

- Surface potentials and absorption processes on metals. *Advances in catalysis*, Vol. 2 (1959), 67-131.
- DAY, ALLAN JOHN, M.Sc., M.D., Senior Lecturer in Physiology.
Effect of the antioxidant butylated hydroxy toluene on serum lipid and glycoprotein levels in the rat (*with* A. R. Johnson, M. W. O'Halloran and C. J. Schwartz). *Aust. jour. of exp. biol. and med. sci.* 37 (1959), 295-305.
- DE LA LANDE, IVAN STANLEY, Ph.D. (Melb.), Reader in Pharmacology.
Effect of antagonists on the response of the forearm vessels to adrenaline (*with* R. F. Whelan). *Jour. of physiol.* 148 (1959), 548-53.
- DONALD, COLIN MALCOLM, B.Sc.Agr. (Syd.), M.Ag.Sc., Waite Professor of Agriculture, Waite Agricultural Research Institute.
Interaction of competition for light and for nutrients. *Aust. jour. agric. res.* 9 (1958), 421.
Leaf area and pasture growth. *Aust. Agros. Conf. Proc. Armidale*, 1958.
Significance of leaf area in pasture growth (*with* J. N. Black). *Herbage abstracts* 28 (1958), 1-6.
- DUNCAN, WALTER GEORGE KEITH, M.A. (Syd.), Ph.D. (Lond.), Professor of History and Political Science.
Library development in South Australia: One step forward and two backward? *Aust. lib. jour.* 8 (1959), 40-2.
- ELLIOTT, BRIAN ROBINSON, D.Litt., Senior Lecturer in Australian Literature.
Earle Birney: Canadian poet. *Meanjin* 18 (1959), 338-47.
Interlude of green singers. *Southerly* 19 (1958), 194-203.
- ELLIOTT, RALPH WARREN VICTOR, M.A. (St. And.), Senior Lecturer in English.
Review of "An old English grammar" by R. Quirk and C. L. Wrenn. *Durham univ. jour.* 51 (1959), 131-2.
Review of "Cynewulf's *Elene*" ed. by P. O. E. Gradon. *Mod. lang. rev.* 54 (1959), 248.
Runes. An introduction. xvi, 124 p. 24 pl. Manchester Univ. Pr. and Philosophical Lib., N.Y. 1959.
Schoolboy English: some recent, and not so recent, trends. *Praxis d. neusprachl. Unterrichts* 6 (1959), 88-91.
- ERICSON, LEON, Ph.D., Lecturer in Physics.
Further studies of low-angle X-ray diffraction patterns of collagen (*with* S. G. Tomlin). *Roy. soc. Proc. A.* 252 (1959), 197-216.
- FLENTJE, NOEL THOMAS, Ph.D. (Lond.), M.Sc., Reader, and Head of the Department of Plant Pathology, Waite Agricultural Research Institute.
Physiology of penetration and infection. 11 p. 1959. Univ. of Wisconsin Pr.
- FRENCH, ALFRED, M.A. (Camb.), Senior Lecturer in Classics.
Party of Peisistratos. *Greece and Rome* 6 (1959), 46-57.
- GILCHRIST, JOHN THOMAS, Ph.D., Dip.Ed. (Leeds), Lecturer in History.
History in the school curriculum. *Aust. jour. of educ.* 3 (1959), 181-7.
- GILMORE, HUGH ROBERT, M.B., B.S., M.R.C.P., F.R.A.C.P., Part-time Senior Lecturer in Medicine.
Clinical significance of elevations of serum mucoprotein and hexosamine fractions in human disease (*with* C. J. Schwartz). *Aust. jour. of exp. biol. and med. sci.* 36 (1958), 575-80.
- GLAESSNER, MARTIN FRITZ, Ph.D. (Vienna), D.Sc. (Melb.), F.A.A., Reader in Geology and Palaeontology.
(Die) Geologische Erforschung des Australischen Kontinents und seiner Randgebiete. *Geol. Rundschau* 47 (1959), 487-90.
Geology and late precambrian fauna of the Ediacara Fossil Reserve. *S.A. Museum. Rec.* 13 (1959), 369-401.
(Die) indo-pazifische Region. *Handb. Stratigraph. Geologie*, Bd. 3, Ed. Fr. Lotze, Tertiär, 1. Teil, 1959, 288-310.
Oldest fossil faunas of South Australia. *Geol. Rundschau* 47 (1959), 522-31.
Precambrian Coelenterata from Australia, Africa and England. *Nature* 183 (1959), 1472-3.
Revision of the foraminiferal family Victoriellidae (*with* M. J. Wade). *Micropaleontology* 5 (1959), 193-212.
- GOOD, BRIAN FRANCIS, B.Sc., Demonstrator, Department of Medicine.
Effect of salicylate on plasma protein bound iodine in man (*with* B. S. Hetzel and J. S. Charnock). *Aust. jour. of exp. biol. and med. sci.* 37 (1959), 473-9.

- GRANT, JOHN MCBAIN, Dip.Ec. (Camb.), M.Ec., former Senior Lecturer in Economics.
 Capital erosion—a reply (*with* R. L. Mathews). Aust. accountant 29 (1959), 473-6.
 Capital erosion—a further reply. Aust. accountant 29 (1959), 628-30.
 Depreciation and stock appreciation adjustments in the national income accounts (*with* R. L. Mathews). Econ. record 35 (1959), 105-117.
- GREEN, HERBERT SYDNEY, Ph.D., D.Sc. (Edin.), F.A.A., Professor of Mathematical Physics.
 Ionic theory of plasmas and magnetohydrodynamics. Physics of fluids 2 (1959), 341-9.
 Observation in quantum mechanics. Il nuovo cimento ser. 10 9 (1958), 880-9.
 Propagation of disturbances at high frequencies in gases, liquids and plasmas. Physics of fluids 2 (1959), 31-9.
- HARCOURT, GEOFFREY COLIN, M.Com. (Melb.), Ph.D. (Camb.), Lecturer in Economics.
 Pricing policies and inflation. Econ. record 35 (1959), 113-6.
- HARRIS, CHARLES REGINALD SCHILLER, M.A., D.Phil. (Oxford), Ph.D. (Princeton), F.I.A.L., Reader in Humanities for Medical Students.
 Chapter on Latin America in the Concise encyclopedia of world history, ed. John Bowle. Lond. Hutchinson.
- HEITHERSAY, G. S., F.D.S. (R.C.P. and S.), B.D.S., former Research Worker, Department of Anatomy and Histology.
 Dental survey of the aborigines at Haast's Bluff, Central Australia. Med. jour. of Aust. 1959 I, 721-9.
- HETZEL, BASIL STUART, M.D., F.R.A.C.P., Reader in Medicine.
 Effect of salicylate on plasma protein bound iodine in man (*with* J. S. Charnock and B. F. Good). Aust. jour. of exp. biol. and med. sci. 37 (1959), 473-9.
 Metabolic effects of salicylate in man (*with* J. S. Charnock and H. Lander). Metabolism 8 (1959), 205-13.
 Sodium and potassium concentration in mixed human saliva in hypertension and pregnancy toxæmia (*with* R. Williams). Post-Grad. committee, Univ. of Syd. Bull. 14 (1958), 220-4.
- HORSNELL, ARTHUR MAXWELL, L.D.S.R.C.S. (Eng.), F.D.S.R.C.S., M.R.C.S. (Eng.), L.R.C.P. (Lond.), Professor of Dental Science.
 Combined attack upon a common problem (*with* E. Scott). Nutrition soc. Proc. 18 (1959), 91-5.
- HUXLEY, LEONARD GEORGE HOLDEN, M.A., D.Phil. (Oxford), F.A.A., former Elder Professor of Physics.
 New method for measuring the attachment of slow electrons in gases (*with* R. W. Crompton and C. H. Bagot). Aust. jour. of phys. 12 (1959), 303-8.
 Structure of a stream of electrons and ions drifting and diffusing in a gas when ionization by collision and molecular attachment are present. Aust. jour. of phys. 12 (1959), 171.
- INGLIS, KENNETH STANLEY, M.A. (Melb.), D.Phil. (Oxford), Senior Lecturer in History.
 Catholic historiography in Australia. Hist. stud. Aust. and N.Z. 8 (1958), 233-53.
- JARRETT, FRANCIS GEORGE, B.Sc.Agr. (Syd.), Ph.D. (Iowa), Reader in Agricultural Economics.
 Agricultural development. Summer School of Bus. Admin. 4th Univ. of Adel. Proc. (1959), 23-36.
 Estimation of resource productivities as illustrated by a survey of the Lower Murray dairying area. Aust. jour. of stats. 1 (1959), 3-11.
- JENKINS, HAROLD VICTOR, B.Sc.Agr. (Syd.), former Senior Lecturer in Agrostology, Waite Agricultural Research Institute.
 Principles of pasture improvement. Bankers' Conf. on Pasture Improvement and Land Development. Mt. Gambier. Proc. 1958.
 Suction pressure planimeter for measuring leaf area. Aust. Agros. Conf. Armidale, Proc. 1958.

- JOHNSON, ALAN RHODES, Ph.D. (Leeds), Project Leader, Commonwealth Antioxidant Research Project, Department of Physiology.
Commonwealth Antioxidant Research Project. C.S.I.R.O. Food pres. quart. 19 (1959), 28.
Effect of the antioxidant butylated hydroxy toluene on serum lipid and glyco-protein levels in the rat (*with* A. J. Day, M. W. O'Halloran and C. J. Schwartz). Aust. jour. of exp. biol. and med. sci. 37 (1959), 295-306.
Food additives—a research viewpoint. Food tech. Aust. 2 (1959), 7, 9, 11, 89-90.
- JOHNSON, BRUCE, B.Sc.Agr. (Syd.), Ph.D. (Lond.), Lecturer in Entomology, Waite Agricultural Research Institute.
Ants and form reversal in aphids. Nature 184 (1959), 740-1.
Effect of parasitization by *Aphidius platensis* Brèthes on the developmental physiology of its host, *Aphis crassivora* Koch. Entomol. exper. et applicata 2 (1959), 82-99.
Embryonic cuticle in Aphids. Aust. jour. of sci. 21 (1958), 146.
- KARMEL, PETER HENRY, B.A. (Melb.), Ph.D. (Camb.), George Gollin Professor of Economics.
Marginal efficiency of capital. Econ. rec. 35 (1959), 429-34.
Some reflections on inflation, productivity and growth. Econ. rec. 35 (1959), 349-70.
- KERR, DAVID IAN BEVISS, Ph.D., Senior Lecturer in Physiology.
Fast and slow muscles in mammals (*with* A. J. Buller, A. C. Dornhorst, R. Edwards and R. F. Whelan). Nature 183 (1959), 1516-7.
- KLEEMAN, ALFRED WILLIAM, Ph.D., Senior Lecturer in Geology and Mineralogy, Kanmantoo group in the Strathalbyn-Harrogate region, South Australia (*with* B. J. Skinner). Roy. soc. of S.A. Trans. 82 (1959), 61-71.
- LANDER, HARRY, M.B., B.S., M.R.A.C.P., Senior Lecturer in Medicine.
Metabolic effects of salicylates in man (*with* B. S. Hetzel and J. S. Char-nock). Metabolism 8 (1959), 205-13.
Observations on Kuru: II. Clinical features (*with* D. A. Simpson and H. N. Robson). Aust. ann. med. 8 (1959), 8-15.
- LAWRENCE, JAMES ROLAND, M.B., B.S., M.R.A.C.P., Research Fellow, Department of Medicine.
Megaloblastic anaemia induced by phenylbutazone (*with* H. N. Robson). Brit. med. jour. 1959 II, 475-7.
Primary venereal herpes simplex infection in man (*with* A. E. Duxbury). Med. jour. of Aust. 1959 II, 250-2.
Treatment of severe tetanus (*with* M. J. W. Sando). Brit. med. jour. 1959 II, 113-18.
- LAWTON, GRAHAM HENRY, B.A., B.Ed. (Melb.), M.A. (Oxford), Professor of Geography.
Book III. Modern world geographies. Section 3, "World population studies." Melb. Cheshire 1959, 329-95.
- LEMESURIER, DAVID HUGH, M.B., Ch.B. (Edin.), B.Sc., Officer in Charge, Aeromedical Research Laboratory, Department of Physiology.
Cardiovascular effects of intravenous infusions of 5-hydroxytryptamine in man (*with* C. J. Schwartz and R. F. Whelan). Brit. jour. pharmacol. 14 (1959), 246-50.
Thermal and metabolic responses of the Australian aborigine exposed to moderate cold in summer (*with* H. T. Hammell, R. W. Elsner, H. T. Andersen and F. A. Milar). Jour. of appl. physiol. 14 (1959), 605-15.
- LEWIS, GRAHAM ETHELBERT, Ph.D., Lecturer in Organic Chemistry.
Interaction between carbonyl groups and biologically essential substituents. Pt. 1. Effects of ketones on optically active amino-derivatives (*with* F. Bergel, S. F. D. Orr and J. Butler). Chem. soc. jour. 1959, 1431-7.
- LOWER, HAROLD STEWART FARNHAM, M.Sc., Senior Lecturer in Entomology, Waite Agricultural Research Institute.
Chemical components of the test of an Australian Lac insect, *Austrotachardia acaciae* (Maskell). Roy. soc. of S.A. Trans. 82 (1959), 175-81.
Insect Epicuticle and its terminology. Ent. soc. Amer. Ann. 52 (1959), 381-5.

- Integuments of two Apterygota—*Ctenolepisma longicaudata* Esch. (Thysanura: Lepismatidae), and *Smynthurus viridis* L. (Collembola—Smynthuridae). Jour. of morphol. 103 (1959), 331-52.
- Some effects of starvation on the larval cuticle of *Persectania ewingii* (Wwd.)—Lepidoptera—Noctuidae. Amer. midland nat. 61 (1959), 390-8.
- McGARITY, JOHN WILLIAM, M.Sc.Agr. (Syd.), Former Lecturer in Agricultural Chemistry, Waite Agricultural Research Institute.
Influence of sod-seeded legumes on the nitrogen economy of grassland soils at Lismore, N.S.W. Aust. inst. agric. sc. Jour. 25 (1959), 287-93.
- McGOWRAN, BRIAN, B.Sc., Research Scholar in Palaeontology.
Tertiary nautiloids (*Eutrephoceras* and *Cinomia*) from South Australia. Jour. of paleont. 33 (1959), 435-48.
- MAITLAND, GEOFFREY DOUGLAS, A.U.A., Part-time Tutor in Physiotherapy.
Treatment of lesions in the cervical region by manipulation. Aust. jour. of physioth. 4 (1959), 41-6.
- MARES, FRANCIS HUGH, B.A. (Dur.), B.Litt. (Oxford), Lecturer in English.
Footnote to "Twelfth Night". Notes and queries 6 N.S. (1959), 306-7.
Origin and development of the figure called The vice in Tudor drama. Huntington lib. quart. 22 (1958), 11-29.
Review of "Henry Handel Richardson" by Olga Roncoroni. Aust. letters 2 (1959), 46-7.
- MARSHALL, ANN, M.Sc. (Melb.), Lecturer in Geography.
Observations of indoor discomfort under conditions of dry heat. Roy. geog. soc. (S.A. Branch). Proc. 59 (1958), 23-34.
- MARTIN, CHARLES BURTON, B.A. (Boston), Ph.D. (Camb.), Senior Lecturer in Philosophy.
Religious belief. Ithaca, N.Y. Cornell Univ. Pr. 1959. 168 p.
- MARTIN, PETER GORDON, Ph.D., Senior Lecturer in Biology.
Apparent self-fertility in *Neurospora crassa*. Jour. of gen. microbiol. 20 (1959), 213-222.
Failure in a first-year university subject. Aust. jour. of educ. 3 (1959), 144-6.
Temperature-induced reversal of dominance of variegation in "Ornamental Kale". Experientia 15 (1959), 34.
- MATHEWS, RUSSELL LLOYD, B.Com. (Melb.), Professor of Commerce.
Capital erosion—a reply (with J. McB. Grant). Aust. accountant 29 (1959), 473-6.
Depreciation and stock appreciation adjustments in the national income accounts (with J. McB. Grant). Econ. rec. 35 (1959), 105-17.
- MAY, LANCELOT HARRIS, Ph.D. (Lond.), B.Sc., D.I.C., Reader, and Head of the Department of Plant Physiology, Waite Agricultural Research Institute.
Physiology of cereal grain II. Starch granule formation in the developing barley kernel (with M. S. Buttrose). Aust. jour. biol. sci. 12 (1959), 146-59.
- MEADOWS, ARTHUR WILKES, M.A. (Melb.), Ph.D. (Lond.), F.B.Ps.S., F.I.S., Reader in Charge, Department of Psychology.
Gnawing behaviour of the rat with reference to attack on plastic cable. Elect. engineer 36 (1959), 43-5.
- MILES, PETER WALLACE, M.Sc. (Rhodes), Ph.D. (Camb.), Lecturer in Entomology, Waite Agricultural Research Institute.
Contact chemoreception in some Heteroptera, including chemoreception internal to the stylet food canal. Jour. insect physiol. 2 (1958), 338-47.
Retention of food residues in the midgut by nymphs of the milkweed bug, *Oncopeltus fasciatus* (Dall.). Nature 182 (1958), 959.
Secretion of two types of saliva by an aphid. Nature 183 (1959), 756.
Stylet movements of a plant-sucking bug, *Oncopeltus fasciatus* (Dall.) (Heteroptera: Lygaeidae). Roy. ent. soc. Proc. 33 (1958), 15-20.
- MILLINGTON, RICHARD JAMES, M.Sc. (Syd.), Ph.D., Senior Lecturer in Agronomy, Waite Agricultural Research Institute.
Establishment of wheat in relation to apparent density of the surface soil. Aust. jour. agric. res. 10 (1959), 487-94.
Gas diffusion in porous media. Science 130 (1959), 100-2.

- Permeability of porous media (*with* J. P. Quirk). *Nature* 183 (1959), 378-8.
- Soil structure, aeration and seedling growth. Ph.D. Thesis, Univ. of Adelaide. 1958.
- MORGAN, FURNESS DAVID, M.Sc. (N.Z.), Ph.D. (Calif.), Lecturer in Forest Entomology, Waite Agricultural Research Institute.
- Ecology and external morphology of *Stolotermes ruficeps* Brauer (Isoptera: Hodotermitidae). *Roy. soc. of N.Z. Trans.* 86 (1959), 155-95.
- MORTON, ROBERT KERFORD, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A., Waite Professor of Agricultural Chemistry, Waite Agricultural Research Institute.
- Comparative properties of microsomes from cow's milk and from mammary glands. Pt. 1 Enzymic activities. Pt. 2 Chemical composition (*with* M. J. Bailie). *Biochem. jour.* 69 (1958), 35-53.
- The cytochromes. *Rev. of pure and appl. chem.* 8 (1958), 161-220.
- Enzymic synthesis of coenzyme 1 in relation to chemical control of cell growth. *Nature* 181 (1958), 540-2.
- Isolation of intact liver cells (*with* M. V. Branster). *Nature* 180 (1957), 1283-4.
- Phosphotransferase activity of phosphatases. Pts. 1-3. *Biochem. jour.* 70 (1958), 134-55.
- MURPHY, THOMAS, L.R.C.P. and S. (Edin.), M.Sc., Former Senior Lecturer in Anatomy and Histology.
- Axis of the masticatory stroke in the sheep. *Aust. dent. jour.* 4 (1959), 104-11.
- Compensatory mechanisms in facial height adjustment to functional tooth attrition. *Aust. dent. jour.* 4 (1959), 312-23.
- MURRAY, ERIC LIONEL, B.Sc., Research Officer, Department of Physics.
- Ambipolar diffusion of a meteor trail and its relation with height. *Plan & sp. sci.* 1 (1959), 125-9.
- O'CONNELL, DANIEL PATRICK, B.A., LL.M. (N.Z.), Ph.D. (Camb.), Reader in Law.
- Doctrine of colonial extra-territorial legislative incompetence. *Law quart. rev.* 1959, 318-32.
- Problems of Australian coastal jurisdiction. *Brit. year bk. of internat. law* 34 (1958), 199-259.
- OLIVER, ROBIN LANGFORD, M.Sc. (N.Z.), Ph.D. (Camb.), Lecturer in Geology and Mineralogy.
- Geological structure of Ceylon. *Ceylon geographer* 11 (1957), 9-16.
- Reconnaissance study of the geology of the Kirindi Oya Basin (*with* D. K. Erb.). *Ceylon geographer* 11 (1957), 23-9.
- PAK POY, REGINALD KENNETH FELIX, M.D., Lecturer in Pathology.
- Electron microscopical study of glomerular changes in experimental hydro-nephrosis in rats (*with* J. S. Robertson). *Aust. jour. of exp. biol. and med. sci.* 37 (1959), 65-76.
- Electron microscopy of the reptilian renal glomerulus. *Aust. jour. of exp. biol. and med. sci.* 37 (1959), 153-62.
- PALEG, LESLIE CODELL, B.A. (Wash.), Ph.D. (Iowa), Lecturer in Plant Physiology, Waite Agricultural Research Institute.
- Citric acid interference in the estimation of reducing sugars with alkaline copper reagents. *Anal. chem.* 31 (1959), 1902-4.
- Neutral and acidic auxins in developing tobacco fruit. *Aust. jour. of biol. sci.* 12 (1959), 340-3.
- PAWSEY, DAVID CHRISTIAN, B.E.E. (Melb.), Lecturer in Electronic Engineering.
- Estimation of dissipative effects in Tchebycheff symmetrical filters (letter). *Inst. of radio engrs. Proc.* 46 (1958), 1763-4.
- PILTON, PHYLLIS EVELYN, B.Sc., Graduate Technician in Zoology.
- Oestrous cycle, gestation period and parturition in the marsupial *Trichosurus vulpecula* (*with* A. G. Lyne and G. B. Sharman). *Nature* 183 (1959), 622-3.

- POTTS, RENFREY BURNARD, D.Phil. (Oxford), B.Sc., Professor of Applied Mathematics.
 Boundary contraction solution of Laplace's differential equation (*with* H. W. Milnes). *Assoc. comp. mach. jour.* 6 (1959), 226-35.
 Car following theory of steady state and traffic flow (*with* D. C. Gazis, R. Herman). *Operations res.* 1 (1959), 449-505.
 Traffic dynamics: analysis of stability in car following (*with* R. Herman, E. W. Montroll and R. W. Rothery). *Operations res.* 1 (1959), 86-106.
- POWRIE, JAMES KELVIN, B.Sc. (Agric.) (W.A.), M.Sc., Lecturer in Agronomy, Waite Agricultural Research Institute.
 Relationship between yield of subterranean clover and symbiotic nitrogen fixation. *Aust. Agros. Conf. Proc. Armidale* 1958.
- PRICE, ARCHIBALD GREENFELL, C.M.G., M.A. (Oxford), D. Litt., Temporary Lecturer, Department of Geography.
 Western influences in the Pacific and its continents. Second annual address to the Australian Humanities Research Council, Nov. 1958. *Aust. Human. Res. Coun. 3rd Ann. rept.* 1959.
- QUIRK, JAMES PATRICK, B.Sc.Agr. (Syd.), Ph.D. (Lond.), Reader in Soil Science, Waite Agricultural Research Institute.
 Effect of electrolyte level of the irrigation water on the establishment of pasture on Riverina clay (*with* J. L. Davidson). *Aust. jour. sci.* 6 (1959), 191-2.
 Permeability of porous media (*with* R. J. Millington). *Nature* 183 (1959), 387-8.
 Swelling of clay water systems (*with* L. A. G. Aylmore). *Nature* 183 (1959), 1752-3.
- REID, ROSS TRELOAR WISHART, M.D., Reader in Pathology.
 Marfan's syndrome complicated by dissection aneurysm of the aorta. *Med. jour. of Aust.* 1959 II, 848-9.
- RENNIE, BASIL CAMERON, M.A., Ph.D. (Camb.), Senior Lecturer in Mathematics.
 Measurability of functions of two variables (*with* J. H. Michael). *Aust. math. soc. jour.* 1 (1959), 21-6.
 On the strength of sand. *Aust. math. soc. jour.* 1 (1959), 71-9.
- ROBSON, HUGH NORWOOD, M.B., Ch.B. (Edin.), F.R.C.P. (Edin.), F.R.A.C.P., Mortlock Professor of Medicine.
 Megaloblastic anaemia induced by phenylbutazone (*with* J. R. Lawrence). *Brit. med. jour.* 1959 II, 475-7.
 Observations on Kuru: II. Clinical features (*with* D. A. Simpson and H. Lander). *Aust. ann. med.* 8 (1959), 8-15.
 Possible genetic basis for Kuru (*with* J. H. Bennett and F. A. Rhodes). *Amer. jour. human genetics* 2 (1959), 169-87.
- SANDISON, ALEXANDER GEOFFREY, M.B., B.S., Temporary Lecturer in Physiology.
 Non-specific pericarditis: a fatal case. *Med. jour. of Aust.* 1959 II, 249-50.
- SCHWARTZ, COLIN JOHN, M.D., Research Fellow, National Health and Medical Research Council, Department of Physiology.
 Cardiovascular effects of intravenous infusions of 5-hydroxytryptamine in man (*with* D. H. LeMessurier and R. F. Whelan). *Brit. jour. of pharmacol.* 14 (1959), 246-50.
 Effect of the antioxidant butylated hydroxy toluene on serum lipid and glycoprotein levels in the rat (*with* A. J. Day, A. R. Johnson and M. W. O'Halloran). *Aust. jour. of exp. biol. and med. sci.* 37 (1959), 295-306.
 Nature of the ground substance changes in experimental lathyrisms and their effect on atherogenesis in cholesterol-fed rabbits. *Brit. jour. of exp. path.* 40 (1959), 44-51.
 Possible clinical significance of elevations of the serum mucoprotein and hexosamine fractions in human disease (*with* H. R. Gilmore). *Aust. jour. of exp. biol. and med. sci.* 37 (1959), 575-80.

- SHARMAN, GEOFFREY BRUCE, B.Sc. (Tas.), Senior Lecturer in Zoology.
 Evolution of marsupials. *Aust. jour. of science.* 22 (1959), 40-5.
 Marsupial reproduction. *Monogr. biol.* 8 (1959), 332-68.
 Oestrous cycle, gestation period and parturition in the marsupial *Trichosurus vulpecula* (with A. G. Lyne and P. E. Pilton). *Nature* 183 (1959) 622-3.
 Some effects of X-rays on dividing cells in the testis and bone marrow of the marsupial *Potorous tradactylus*. *Int. jour. rad. biol.* 2 (1959), 115-30.
- SILSBURY, JAMES HENRY, B.Sc. (Agric.) (W.A.), Lecturer in Agrostology, Waite Agricultural Research Institute.
 Studies of tiller production in *Lolium perenne* as a means of strain evaluation. *Aust. Agros. Conf. Proc. Armidale.* 1958.
- SMART, JOHN JAMIESON CARSWELL, M.A. (Glasgow), B.Phil. (Oxford), Hughes Professor of Philosophy.
 Incompatible colours. *Philos. studies* 10 (1959), 39-42.
 Man's place in the universe. *Humanist* 74 (1959), 20-1.
 Measurement. *A/sian jour. of philos.* 37 (1959), 1-13.
 Professor Ziff on robots. *Analysis* 19 (1959), 117-8.
 Ryle on mechanism and psychology. *Philos. quart.* 9 (1959), 349-55.
 Sensations and brain processes. *Philos. rev.* 68 (1959), 141-56.
- SPECHT, RAYMOND LOUIS, Ph.D., Senior Lecturer in Botany.
 Range management in the arid zone of the United States. *Arid zone newsletter* 3 (1958), 75-8.
- SWAN, DUNCAN CAMPBELL, M.Sc., Reader in Entomology, Waite Agricultural Research Institute.
 Article on "Insects" in "Introducing South Australia". *A.N.Z.A.A.S., Adel.* 1958, 112-15.
- SZEKERES, GEORGE, Dip.Chem.Eng. (Budapest), Reader in Mathematics.
 (C, ∞) and (H, ∞) methods of summation (with A. Jokimovski, Univ. of Jerusalem). *Pacific jour. of maths.* 8 (1958), 867-86.
 On a problem of D. R. Hughes (with E. G. Straus, Univ. of California). *Amer. math. soc. Proc. I* (1958), 157-8.
 Regular iteration of real and complex functions. *Acta math.* 100 (1958), 203-57.
- TWIDALE, CHARLES ROWLAND, M.Sc. (Bristol), Ph.D. (McGill), Lecturer in Geography.
 Evolution des versants dans la partie centrale du Labrador-Nouveau-Quebec. *Annales de géog.* 365 (1959), 54-70.
 (Das) nordlichen Australiens. *Geog. Rundschau* 11 (1959), 439-47.
- VAN ABBE, DEREK MAURICE, M.A. (Camb.), Ph.D. (Melb.), Reader in German.
 Does the community read intelligently? *Opinion* (1959), 7-15.
 Educational value of western languages. *Educ. news* 7 (1959), 7-9
 Interests of the South Australian German-language press in the nineteenth century. *Hist. stud. Aust. and N.Z.* 8 (1959), 319-21.
 Kabale und Liebe und Luisa Millerin by Schiller. *Deutschunterricht f. Ausländer* 1959, 97-100.
 Review of "Iphigenie auf Tauris" by Goethe, ed. by S. Jenkins. *Babel* 11 (1959), 26-7.
 Review of "The mist procession" by Lord Vansittart. *Aust. quart.* 31 (1959), 101-6.
 Review of "Nato and the future of Europe" by B. T. Moore. *Aust. outlook* 13 (1959), 319-21.
 Review of "The office" by J. Connell. *Aust. quart.* 31 (1959), 111-14.
 Review of "Span" ed. L. Wigmore. *Overland* 14 (1959), 41-2.
 What is Fastnachtspiel? *A.U.M.L.A.* 12 (1959), 36-44.
- WADE, MARY JULIA, Ph.D., Senior Demonstrator in Geology and Palaeontology.
 Revision of the foraminiferal family Victoriellidae (with M. F. Glaessner). *Micropaleontology* 5 (1959), 1472-3.
- WATTS, HARRY, Ph.D. (Bristol), Senior Lecturer in Applied Physical Chemistry.
 Etch pits on calcite cleavage faces. *Nature* 183 (1959), 314.

- WEISS, ALAN AUSTIN, Ph.D., Senior Research Officer, C.S.I.R.O. Division of Radiophysics, Department of Physics.
Elevation, height and electron density of echoing points of meteor trails. *Aust. jour. of phys.* 12 (1959), 65-76.
Limitations of narrow-beam radio equipments in the detection of weak meteor showers. *Jour. of atmosph. and terr. phys.* 14 (1959), 19-30.
Temporal variation on the heights of reflection points of meteor trails. *Aust. jour. of phys.* 12 (1959), 116-26.
Theory of the radio-echo meteor height distribution in a non-isothermal atmosphere. *Aust. jour. of phys.* 12 (1959), 54-64.
- WEST, BRUCE OSWALD, Ph.D. (Adel. and Camb.), Senior Lecturer in Physical and Inorganic Chemistry.
Electron transfer reactions (*with* R. W. Catrall and J. R. McKellar). *Aust. Atomic Energy Symposium*, sect. 5, Radioisotopes-Physical sciences 1958, 628-33.
- WHELAN, ROBERT FORD, M.D., Ph.D. (Belf.), Professor of Human Physiology and Pharmacology.
Cardiovascular effects of intravenous infusions of 5-hydroxytryptamine in man (*with* H. E. LeMessurier and C. J. Schwartz). *Brit. jour. of pharmacol.* 14 (1959), 246-50.
Effect of antagonists on the response of the forearm vessels to adrenaline (*with* I. S. de la Lande). *Jour. of physiol.* 148 (1959), 548-53.
Fast and slow muscles in mammals (*with* A. J. Buller, A. C. Dornhorst, R. Edwards and D. I. B. Kerr). *Nature* 183 (1959), 1516-7.
- WOMERSLEY, HUGH BRYAN SPENCER, Ph.D., D.Sc., Senior Lecturer in Botany.
Free floating marine red alga (*with* R. E. Norris). *Nature* 184 (1959), 828-9.
Marine algae of Australia. *Bot. rev.* 25 (1959), 545-614.
Studies on the *Sarcomenia* group of the Rhodophyta (*with* E. A. Shepley). *Aust. jour. of bot.* 7 (1959), 168-223.
Sympodophyllum, a new genus of Delesseriaceae (Rhodophyta) from South Australia (*with* E. A. Shepley). *Nova Hedwigia* 1959 (in press).
- WOODROOFE, KATHLEEN, M.A., Senior Lecturer in History.
Charity Organisation Society and the origins of social casework. *Hist. stud. Aust. and N.Z.* 9 (1959), 19-29.

Financial Statements

1959

INCOME

NORTH TERRACE

	Schedule	1959 £	£	1958 £
<i>Government Grants—</i>				
H.M. Government of S.A.—Under the		39,000		39,000
University Act		995,400		879,600
Grant for 1959		<u>1,034,400</u>		<u>918,600</u>
		6,094	(Surp.)	1,721
Deduct Net Deficit in 1958		<u>1,028,306</u>		<u>126,400</u>
		189,600		<u>1,046,721</u>
			1,217,906	1,046,721
<i>Interest—</i>				
Commonwealth Inscribed Stock		13,922		13,935
Treasury of South Australia		8,730		5,724
Mortgage Advances		3,123		3,928
Investment Interest		—		1,309
		<u>25,775</u>		<u>24,896</u>
Less Interest Credited to Special Funds	M	<u>9,188</u>		<u>10,255</u>
			16,587	14,641
			17,110	15,436
<i>Dividends on Shares</i>			136,073	130,421
<i>Student Fees</i>	N		28,040	27,163
<i>Other Income</i>	O			

	379	8,869
<i>Deficit—1959</i>	<u>£ 1,416,095</u>	<u>£ 1,243,251</u>
Total North Terrace—Carried Forward		

OF ADELAIDE
year ended 31st December 1959

EXPENDITURE

NORTH TERRACE

	Schedule	1959 £	£	1958 £
<i>Departmental—</i>				
Salaries and Wages	A	789,081		670,749
Travelling Expenses—New Appointments		27,432		18,914
Faculty Expenses	B	15,709		13,852
Laboratory Maintenance Grants	A	55,649		40,804
Equipment and Furniture under £1,000	A	74,621		74,825
Equipment and Furniture over £1,000	A	14,407		32,086
			976,899	851,230
<i>Library—</i>				
Salaries		32,503		30,387
Books and Binding		36,847		28,942
			69,350	59,329
<i>Administrative Salaries</i>			69,410	58,931
<i>Research—</i>				
Salaries	A	25,342		25,934
Equipment	A	10,861		8,545
Maintenance	A	17,729		17,327
Travelling Expenses	A	4,684		4,240
			58,616	56,046
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		36,713		33,156
Building Repairs	C	31,917		27,248
Maintenance of Site and Grounds		7,445		6,160
Maintenance of Sports Ground		8,959		5,492
			85,034	72,056
<i>University College Scholarships</i>			7,000	6,500
<i>Sundry—</i>				
Payroll Tax		23,274		19,646
Scholarships and Prizes	D	6,674		6,346
General Expenses—Printing, Stationery, Miscellaneous	E	32,519		31,134
Gas, Water, Electricity, Insurance	F	27,316		23,690
Special Grants	G	23,648		5,302
Study Leave	H	10,684		12,449
Supplementary Superannuation Retiring Allowances		—		15,659
			124,115	114,226
<i>Minor Building Projects over £1,000</i>	I		25,671	24,933
Total North Terrace—Carried Forward			£1,416,095	£1,243,251

THE UNIVERSITY
Income and Expenditure Account for the

INCOME			
WAITE AGRICULTURAL RESEARCH INSTITUTE—			
	Schedule	1959 £	1958 £
<i>Government Grants—</i>			
H.M. Government of S.A.—Under the			
University Act		5,000	5,000
Grant for 1959		235,000	211,000
Surplus from 1958 made available in 1959		3,606	460
		243,606	216,460
<i>Interest</i>	P	9,491	11,290
<i>Other Income</i>	Q	2,472	2,620

<i>Deficit—1959</i>		2,291	
Total Waite Institute		257,860	230,370
Total North Terrace—Brought Forward		1,416,095	1,243,251
TOTAL NORTH TERRACE AND WAITE INSTITUTE		£ 1,673,955	£ 1,473,621

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, 1959, and do certify the above statement to be a correct abstract of such Income and Expenditure during

OF ADELAIDE

year ended 31st December, 1959—Continued

EXPENDITURE				
WAITE AGRICULTURAL RESEARCH INSTITUTE—				
	Schedule	1959 £	£	1958 £
<i>Departmental—</i>				
Salaries and Wages	J	127,511		107,480
Travelling Expenses—New Appointments		77		1,311
Faculty Expenses		1,656		1,267
Laboratory Maintenance Grants	J	14,430		11,991
Equipment and Furniture under £1,000	J	23,451		28,931
Equipment and Furniture over £1,000	J	2,711		2,889
			169,836	153,869
<i>Library—</i>				
Salaries		2,826		1,750
Books and Binding		4,695		3,382
			7,521	5,132
<i>Administrative Salaries</i>			18,560	17,491
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		4,492		3,650
Building Repairs	K	9,269		7,073
Maintenance of Site and Grounds		4,095		3,409
			17,856	14,132
<i>Sundry—</i>				
Payroll Tax		4,014		3,462
General Expenses—Printing, Stationery, Miscellaneous	L	13,801		12,146
Gas, Water, Electricity, Insurance		8,902		5,704
Study Leave		3,048		2,175
			29,765	23,487
<i>Farm—</i>				
Wages (including Gardeners)		11,933		10,947
Maintenance		1,643		1,305
Equipment		746		401
			14,322	12,653
<i>Surplus—1958</i>				3,606
Total Waite Institute			257,860	230,370
Total North Terrace—Brought Forward			1,416,095	1,243,251
TOTAL NORTH TERRACE AND WAITE INSTITUTE			£ 1,673,955	£ 1,473,621

the period 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, 1959.

Adelaide, 20th April, 1960.

R. M. STEELE, Chartered Accountant
E. F. HUNWICK, Chartered Accountant
Auditors..

1959 INCOME AND EXPENDITURE ACCOUNT—SUPPORTING SCHEDULES

DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE

A.

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture		RESEARCH				TOTAL
			Under £1000	Over £1000	Salaries	Equipment	Maintenance	Travelling Expenses	
Classics	12,014	—	178	—	751	—	—	—	12,943
Philosophy	12,013	3	141	—	225	—	—	46	12,428
Psychology	13,991	1,093	1,773	—	1,550	83	315	214	19,019
Political Science	10,256	—	57	—	26	—	54	124	10,517
History	24,527	—	130	—	500	—	102	201	25,460
English	25,722	—	255	—	—	—	2	—	26,147
French	12,479	—	454	—	—	—	—	—	12,933
German	7,970	—	187	—	285	—	52	53	8,547
Geography	15,835	774	344	400	1,459	29	71	735	19,647
Anthropological Research	3,110	—	19	—	—	—	351	21	3,501
Education	3,602	—	83	—	—	—	—	—	3,685
Economics	24,438	—	833	—	548	—	1	21	25,841
Commerce	9,417	—	149	—	—	—	—	—	9,566
Physics	43,205	3,918	3,408	—	2,566	2,603	1,800	341	57,841
Organic Chemistry	21,729	6,783	1,572	—	—	864	2,454	—	33,402
Physical & Inorganic Chemistry	30,682	10,172	7,584	4,030	1,314	1,863	2,561	—	58,206
Mathematics	31,220	—	453	—	468	—	7	—	32,148
Mathematical Physics	6,776	—	329	—	—	—	—	71	7,176
Geology	28,686	1,527	2,313	—	105	674	234	248	33,787
Economic Geology	5,684	553	402	—	—	—	—	—	6,639
Botany	20,052	1,913	3,119	—	2,433	127	880	815	29,339
Zoology	24,799	2,729	3,495	—	4,192	996	742	552	37,505
Biology	6,938	—	—	—	—	—	—	—	6,938
Genetics	13,621	897	957	—	446	78	278	316	16,593
Biochemistry	15,869	1,710	514	—	633	122	874	—	19,722
Physiology	25,885	2,148	5,826	222	353	1,396	1,083	60	36,973
Bacteriology	13,315	1,690	2,948	—	1,115	227	432	—	19,727
Carried Forward	£463,835	£35,910	£37,523	£4,652	£18,969	£9,062	£12,293	£3,986	£586,230

A.

DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—Continued

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture		RESEARCH				TOTAL
			Under £1000	Over £1000	Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£463,835	£35,910	£37,523	£4,652	£18,969	£9,062	£12,293	£3,986	£586,230
Pathology	26,535	2,164	1,457	—	—	—	—	—	30,156
Anatomy & Histology	22,490	745	1,167	—	—	—	—	—	24,402
Medicine & Surgery	22,584	2,008	477	—	—	—	—	—	25,069
Obstetrics	13,230	1,429	5,917	—	—	—	—	—	20,576
Child Health	665	9	82	—	—	—	—	—	756
Dentistry	22,000	688	1,715	—	—	—	—	—	24,970
Law	20,037	—	599	—	60	—	—	—	21,382
Music	12,843	—	—	—	543	13	154	340	12,843
Elder Conservatorium	25,689	—	—	—	—	—	7	—	26,118
Civil Engineering	30,376	2,299	429	—	—	—	—	196	40,022
Mechanical Engineering	26,863	1,816	2,246	3,084	898	1,062	—	—	30,284
Electrical Engineering	22,720	2,450	1,166	—	—	292	57	—	35,395
Mining Engineering	21,467	1,630	4,867	2,400	987	—	147	—	27,187
Architecture	10,501	686	2,172	—	275	—	1,919	52	13,764
Social Science	8,032	—	2,577	—	—	193	1,433	17	8,426
Physiotherapy	6,350	29	20	—	267	—	—	—	6,511
Pensions & Gratuities	5,306	—	132	—	—	—	50	—	5,306
Overseas Scholarships in Arts & Economics	4,049	—	—	—	—	—	—	57	4,049
Physical Education	7,915	—	—	—	—	—	—	—	8,369
Optometry	289	—	454	—	—	—	—	—	379
Surgery	11,796	4	86	—	—	—	—	—	15,015
Sundries	1,500	818	645	1,756	—	—	—	—	1,500
Ancillary Staff Superannuation	2,009	—	—	—	—	—	—	—	2,009
Agricultural Chemistry	—	—	—	—	1,810	60	—	—	2,377
Plant Pathology	—	—	—	—	481	179	507	—	839
Entomology	—	—	—	—	1,052	—	143	—	1,102
Books—for Research Purposes	—	—	—	—	—	—	50	36	744
Carried Forward	£789,081	£52,685	£63,731	£11,892	£25,342	£10,861	£17,504	£4,684	£975,780

FINANCIAL STATEMENTS

455

A. DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—Continued

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture		RESEARCH				TOTAL
			Under £1000	Over £1000	Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£789,081	£52,685	£63,731	£11,892	£25,342	£10,861	£17,504	£4,684	£975,780
Printing	—	—	—	—	—	—	225	—	225
Botany—Koonamore	—	154	—	—	—	—	—	—	154
Animal House— (Darling Building)	—	836	50	—	—	—	—	—	886
Animal House— (Medical Building)	—	395	43	—	—	—	—	—	438
Engineering Survey Camp	—	657	—	—	—	—	—	—	657
Engineering Workshop	—	931	64	—	—	—	—	—	995
Medical Workshop	—	—	69	—	—	—	—	—	69
Registrar's Department	—	—	2,421	2,515	—	—	—	—	4,936
Barr Smith Library	—	—	851	—	—	—	—	—	851
Maintenance Department	—	—	1,371	—	—	—	—	—	1,371
Carpenters' W/shop	—	—	3,939	—	—	—	—	—	3,939
Electrical Maintenance Workshop	—	—	44	—	—	—	—	—	44
Photo Services	—	—	491	—	—	—	—	—	491
Caretakers	—	—	153	—	—	—	—	—	153
Gardeners	—	—	36	—	—	—	—	—	36
Optical Workshop	—	—	734	—	—	—	—	—	734
Electronic Workshop	—	—	597	—	—	—	—	—	597
Medical Humanities	—	—	27	—	—	—	—	—	27
Bulk Alcohol	—	9 (Cr.)	—	—	—	—	—	—	9 (Cr.)
TOTAL	£789,081	£55,649	£74,621	£14,407	£25,342	£10,861	£17,729	£4,684	£992,374

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1959—Continued

EXPENDITURE		
NORTH TERRACE		
B. Faculty Expenses—		£
Arts—Printing and Stationery		1,204
" Advertising		661
" Additional Examiners and Supervisors		87
" Sundries (Classics)		5
" " (History)		143
" " (English)		137
" " (French)		20
" " (German)		74
" " (Anthropological Research)		2
" " (History and Political Science)		1
Education—Advertising		78
Economics—Printing and Stationery		257
" Advertising		207
" Additional Examiners and Supervisors		5
" Sundries		127
Science—Printing and Stationery		1,032
" Advertising		611
" Additional Examiners and Supervisors		223
" Sundries		26
" " (Mathematics)		73
" " (Mathematical Physics)		13
Medicine—Printing and Stationery		255
" Advertising		980
" Additional Examiners and Supervisors		933
" Humanities—Sundries		21
Dentistry—Printing and Stationery		574
" Advertising		63
Law—Printing and Stationery		213
" Advertising		63
" Additional Examiners and Supervisors		97
" Sundries		144
Music—Printing and Stationery		148
" Advertising		110
" Additional Examiners and Supervisors		11
" Sundries		36
" Tuning and Repairs		170
Conservatorium—Printing and Stationery		53
" Advertising		53
" Sundries		154
" Tuning and Repairs		398
" Library		542
" Scholarships		37
" Lecture Recitals		10
" Australian Music Festival		164
" Music Festivals—Asst. Artists		127
" Hire of Music		13 Cr.
" Opera		109
Carried Forward		10,438

FINANCIAL STATEMENTS
THE UNIVERSITY OF ADELAIDE
Schedules—Income and Expenditure Account, 1959—Continued

EXPENDITURE

	£	£
Brought Forward	10,438	
Concerts—Printing and Stationery	123	
" Advertising	220	
" Assistant Artists	54	
" Caretakers and Ushers	100	
" Lecture Recitals	74	
Engineering—Printing and Stationery	634	
" Advertising	361	
" Additional Examiners and Supervisors	53	
Social Science—Printing and Stationery	57	
" Advertising	158	
" Sundries	99	
Physiotherapy—Printing and Stationery	112	
" Advertising	56	
" Sundries	13	
Commercial Studies—Advertising	87	
" Sundries	72	
Technology—Printing and Stationery	136	
Examination Expenses—Degree and Diploma	1,940	
Sundry Faculty Expenses	295	
Physical Education—Printing and Advertising	28	
Physical Education—Sundries	544	
Architecture—Printing and Stationery	55	
	15,709	
C. <i>Building Repairs—</i>		
General	1,136	
Administration Building	6,477	
Elder Conservatorium	442	
Bonython Hall	27	
Prince of Wales Building	2,313	
The Jarrah Building	1,051	
Old Anatomy Building	868	
Physics Building	5,352	
Darling Building	1,336	
Darling Animal House	83	
Observatory	1,560	
Union Buildings	813	
Johnson Laboratories	2,474	
Caretaker's Residence	26	
Benham Building	354	
Barr Smith Library	3,068	
Arts Building	422	
Main Engineering Building	1,020	
Mechanical Engineering Building	506	
Medical Building	1,386	
Mawson Laboratories	1,183	
Carpenters' Workshop	20	
	31,917	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1959—Continued

EXPENDITURE

D. SCHOLARSHIPS AND PRIZES — 1959

NAME	Opening Balance 1/1/59	Income	Expenditure	Closing Balance 31/12/59
Angas Engineering Scholarship	583	141	331	393
John Howard Clark Prize	101	18	20	99
Stow Prizes & Scholarship	— *	19	60	— *
Everard Scholarship	39	32	60	11
Eric Smith Scholarship	21	21	—	42
Archibald Mackie Bursary	9	4	—	13
Roby Fletcher Prize	1	5	10	— *
Dr. Davies Thomas Scholarships	7	19	30	— *
Hartley Studentships	— *	19	—	19
Joseph Fisher Medal & Lecture	460	59	132	387
Tinline Scholarship	12	32	30	14
David Murray Scholarship	1,264	103	—	1,967
John Bagot Scholarship	429	29	—	458
Bundey Prize	31	7	—	38
John Creswell Scholarships	184	47	—	231
Alexander Clark Memorial Prize	61	10	13	58
Lister Prize	— *	3	4	— *
John Lorenzo Young Scholarship	146	14	—	160
John L. Young Scholarship	509	47	40	516
Dr. Charles Gosse Lectureship	218	42	—	260
Eugene Alderman Scholarship	43	25	37	31
Ernest Ayers Scholarship	532	56	—	588
George Thompson Bursary	5	5	—	10
Rennie Scholarship	51	12	—	63
Fred Johns Scholarship	1,274	88	—	1,362
Archibald Watson Prize	15	6	13	8
T. G. Wilson Travelling Scholarship	578	98	—	676
R. W. Bennett Prizes & Medals	46	17	16	47
Sir Robert Chapman Prize	9	10	11	8
Anna Florence Booth Prize	46	25	—	71
William Gardner Scholarship	65	65	130	—
Shorney Prize	290	38	131	197
Lucy Josephine Bagot Prize	20	16	12	24
The Angas Parsons Prize	185	34	—	219
Selbourne Moutray Russell Scholarship	52	33	17	219
Varley Scholarship	104	35	34	68
Barr Smith Prize	31	5	10	26
Andrew Scott Prize	— *	4	6	— *
James Gartrell Prize	— *	6	—	6
Tormore Prize	23	5	6	22
M. Rees George Memorial Prize	54	8	12	50
Jefferis Memorial Medal	38	3	3	38
Tate Memorial Medal	2	2	—	4
Cablemakers' Association Prize	21DR	32	11	—
Lokan Prize	7	3	3	7
B.M.A. (Section of Clinical Medicine) Prize	—	11	—	11
Roche Products Prize	—	10	10	—
Australian Dental Association Prize	—	—	—	—
St. Alban Scholarship	— *	5	—	5
League of Nations Prize	123	7	—	130
Wyeth Prize in Obstetrics	40	20	40	20
Thornber Bursary	7	14	22	— *
Keith Sheridan Prize	308	24	—	332
Mining & Metallurgical Bursaries	—	560	560	—
E. W. Way Lectureship	— *	15	—	— *
Tennyson Medals	5	3	1	7
Elder Prize	— *	—	20	— *
Robert Whinham Prize	— *	3	5	— *
Hardwicke College Prize	1	3	—	4
Way College Prize	— *	6	5	1
Annie Montgomerie Martin Prize	— *	5	7	— *
Carried Forward	£8,008	£1,988	£1,852	£8,206

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1959—Continued

NAME	Opening Balance 1/1/59	Income	Expenditure	Closing Balance 31/12/59
Brought Forward	£8,008	£1,988	£1,852	£8,206
Justin Skipper Prize	40	6	—	46
J. E. Jenkins Scholarships	25	221	200	46
Gladys Lloyd Thomas Scholarships	5	16	—	21
James Barrans Scholarship	173	100	30	243
Australian Association of Accountants Prize	15	—	15	—
S.A. Chamber of Manufactures Prize No. 1	—	—	—	—
Elsie Marion Cornish Prize	27	9	—	36
S.A. Chamber of Manufactures Prize No. 2	—	10	10	—
Dental Board of S.A. Prize	—	5	5	—
Evening Studentships	—*	39	—	—*
Anders & Reimers Scholarships	193	30	—	223
Sir Archibald Strong Memorial Prize	181	22	—	203
Gavin David Young Lectureship	740	88	700	128
Electricity Trust Prize	—	11	11	—
Dental Board of S.A. Research Scholarship	69	2	—	71
Thomas Gepp Prize	31	7	—	38
Elder Conservatorium Old Scholars' Association Prize	—	8	8	—
Violet de Mole Prize	110	18	5	123
J. B. Cleland Prize	5	4	10	—
E. Harold Davies Scholarship	29	17	17	29
Edith Hübbe & Harriet Cook Prize	121	19	16	124
Natalia Davies Prize	11	10	10	11
Baker Scholarship	863	162	—	1,025
T. L. Borthwick Prize	3	3	6	—
C. & J. Campbell Prize	20	16	30	6
Elder Travelling Scholarship	36	17	—	53
Guli Magarey Scholarship	25	17	16	26
Frederick Bevan Memorial Scholarship	94	22	21	95
E. V. Clark Prize	135	4	7	132
William Culross Prize	—*	8	8	—*
Eva Lines Memorial Scholarship	71	18	15	74
Sir Hugh Cairns Memorial Prize	67	38	30	75
D. B. Adam Memorial Prize	7	10	—	17
Maude Puddy Scholarship	19	16	—	35
Gerard Prize	21	21	21	21
Tew Prize	2	3	2	3
Baillieu Research Scholarship	758	177	—	935
Rutter Jewell-Thomas Medal & Prize	118	28	10	136
Institute of Chartered Accountants Prize in Accountancy III	—	—	11	11DR
Dr. Ruby Davy Scholarship	101	13	—	114
T. E. Barr Smith Travelling Scholarship	1,627	809	187	2,249
John Barker Scholarship	91	97	75	113
Thomas D. Hannon Prize	9	4	—	13
Philips Electrical Industries Prize in Electronics	—	60	60	—
Wm. Donnithorne Award	163	104	100	167
Pfizer Prize in Gynaecology	25	25	50	—
George Murray Scholarship	—*	—	1,693	—*
Athol Lykke Award	291	141	—	432
Chapman Memorial Scholarship	52	49	—	101
Weimar-Ohlstrom Prizes	18	18	18	18
John Lewis Prize (Royal Geographical Society of Australasia)	—	—	5	5DR
The British Psychological Society Prize	5	—	—	5
J. R. Wilton Prize	—	5	—	5
Charles Fenner Prize in Geography	3	6	5	4
The Electricity Trust Prize in Electrical Power Engineering	—	50	50	—
A. Grenfell Prize in Geography	5	6	5	6
The Byard Prize	6	7	6	7
The Shell Prize in Mechanical Engineering	25	25	25	25
The Shell Prize in Economics	25	25	25	25
Adelaide Chamber of Commerce Prize	10	10	10	10
Kenneth & Hazel Milne Travelling Scholarship in Architecture	79	161	—	240
Economic Society Prize	10	—	10	—
Carried Forward	£14,567	£4,805	£3,390	£15,699

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1959—Continued

NAME	Opening Balance 1/1/59	Income	Expenditure	Closing Balance 31/12/59
Brought Forward	£14,567	£4,805	£5,390	£15,699
The Humes Prize in Civil Engineering	—	25	25	—
Australian College of General Practitioners Prize	—	10	10	—
Forwood Down Prize in Mechanical Engineering	—	10	10	—
The Lienau Prize	—	13	—	13
Clement Q. Williams Memorial Prize	—	12	—	12
Asbestolite Pty. Ltd. Award in Architecture	—	50	50	—
Standard-Vacuum Prize in Chemical Engineering	—	32	—	32
	£14,567	£4,957	£5,485	£15,756

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

Expenditure (Column 3)		£5,485
Excess Closing Balances	£15,756	
Opening Balances	£14,567	£1,189
		<u>£6,674</u>

EXPENDITURE

NORTH TERRACE

£ £ £

E. General Expenses—Printing, Stationery and Miscellaneous Charges—

Caretaking and Cleaning	1,344
Miscellaneous Charges	1,281
Printing and Stationery—General	5,071
Advertising—General	760
Duty Stamps and Exchange	203
Postages and Telegrams	2,483
Library—Sundries	1,461
Maintenance of Office Machines	929
Auditors' Fees and Legal Expenses	662
Senate	524
Telephone Charges	5,817
Calendar—Printing	5,927
Visiting Lecturers—Expenses	20
Public Lectures	3
Fire Protection Charges	1,160
Laundry Services	2,687
Travelling Expenses	579
Australian Vice-Chancellors' Committee— Expenses	833
Maintenance of Lifts—General	67
Maintenance of Lifts—Medical Building ..	616
General Service Truck Maintenance	362
Interest on Overdraft	6
Vice-Chancellor's Entertainment Expenses ..	6
Hire of Accounting Machine	135
Staff Fees Payable to School of Mines	108
A.U.C. Dinner	41
Workshop Expenses	70

33,155

Deduct Credit Balance:

Discount Received	636
-------------------------	-----

32,519

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1959—Continued

EXPENDITURE				
NORTH TERRACE				
		£	£	£
F. Gas, Water, Electricity and Insurance—				
Gas and Electricity Supply	.....		18,243	
Water Rates	.....		4,465	
Insurance Premiums	.....		4,608	
			<u>27,316</u>	
 G. Special Grants—				
Anthropological Research	.....		200	
Postgraduate Medicine	.....		3,200	
Australian Journal	.....		300	
Publications Fund	.....		300	
Theatre Guild	.....		213	
Graduates' Union	.....		583	
Staff Club	.....		350	
Australian Institute of Nuclear Science and Engineering	.....		1,002	
Adult Education	.....		17,500	
			<u>23,648</u>	
 H. Study Leave—				
Study Leave—General	.....		8,129	
" " Research-type Conferences	.....		2,179	
" " Visiting Lecturers	.....		376	
			<u>10,684</u>	
 I. Minor Building Projects over £1,000—				
Accommodation for Architecture	.....		20,000	
Student and Agricultural Chemistry Laboratory Alterations at Waite Institute	.....		5,671	
			<u>£ 25,671</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1959—Continued

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE
DEPARTMENTAL FUNDS EXPENDED—1959

J.

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture		TOTAL
			Under £1000	Over £1000	
Agronomy and Plant Breeding	39,896	1,984	1,808	—	43,688
Agricultural Chemistry	32,030	6,779	3,088	—	41,897
Plant Pathology	21,306	1,292	3,362	—	25,960
Entomology	22,458	1,685	3,809	—	27,952
Plant Physiology	11,724	702	4,024	—	16,450
Faculty	97	—	—	—	97
South Wing Basement	—	358	—	—	358
Glasshouse Repairs	—	892	—	—	892
Administration	—	—	2,194	—	2,194
Students' Equipment	—	—	2,610	—	2,610
Fruit Fly	—	738	78	—	816
Waite Institute—Controlled Environment Cabinets (Balance Payment)	—	—	—	184	184
Dehydrator for Agronomy	—	—	—	1,017	1,017
Growth Cabinet for Agronomy	—	—	—	1,510	1,510
Laboratory Furniture	—	—	2,478	—	2,478
£	127,511	14,430	23,451	2,711	168,103

K. Building Repairs—

Laboratories—General	£	£	£
External Repairs		7,655	
Urrbrae House and Cottages		5	
Glasshouse Repairs		379	
Alterations to Laboratories, Coolhouse, Carpenters' Shop		400	
		830	
			<u>9,269</u>

L. General Expenses—

Telephone	1,129
Printing and Stationery	1,520
Freight and Cartage	265
Photography	465
Publications	641
Trav. Expenses—General Administration	251
" " Agronomy and Plant Breeding	1,801
" " Agricultural Chemistry	669
" " Plant Pathology	1,019
" " Entomology	1,945
" " Plant Physiology	232
Advertising	1,218
Postages	646
Laundry	499
Cleaners' Materials	513
Sundries	977
Trav. Expenses—Farm	11
	<u>13,801</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1959—Continued

		INCOME		
		NORTH TERRACE		
		£	£	£
M.	<i>Interest and Dividends—</i>			
	Australian Inscribed Stock		13,922	
	Treasury of South Australia Interest		8,730	
	Mortgage Advances		3,123	
			<u>25,775</u>	
	<i>Less:</i>			
	<i>Interest Credited to Special Funds—</i>			
	Personal Superannuation Accumulation			
	Accounts	3,292		
	Other Trust Funds	5,896		
			<u>9,188</u>	
				<u>16,587</u>
N.	<i>Fees—</i>			
	Arts		11,437	
	Economics		7,673	
	Science		23,798	
	Medicine		34,197	
	Dentistry		3,227	
	Law		4,638	
	Music		2,082	
	Conservatorium		12,152	
	Engineering		23,232	
	Technology		1,740	
	Social Science		1,410	
	Physiotherapy		4,393	
	Agricultural Science		4,212	
	Optometry		364	
	Physical Education		1,229	
	Pharmacy		289	
			<u>136,073</u>	
O.	<i>Other Income—</i>			
	Rent—Investment Properties	5,739		
	Less—Maintenance Properties	2,517		
			<u>3,222</u>	
	Calendar Sales		431	
	Examination Paper Sales		275	
	Hire of Rooms		451	
	C.S.I.R.O. Grant for Genetics		2,500	
	Grant from C.S.I.R.O. and various			
	benefactors for Animal Ecology		3,000	
	Pharmaceutical Society of S.A.—Grant			
	for Pharmacy Classes		978	
	General Service Fees	12,969		
	Less Disbursements	6,410		
			<u>6,559</u>	
	Statements of Academic Record		198	
	Commonwealth Govt. Grant—Physical			
	Education		2,100	
	Superannuation Commission		2,373	
	Third Annual Contribution from			
	Architects' Fund towards Chair of			
	Architecture		5,000	
	Carried Forward		<u>27,087</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1959—Continued

INCOME		£	£	£
Brought Forward ..	.....		27,087	
Liquid Air Sales .....	.....		119	
Administration Charge Refunds .....	.....		3,414	
Library Fines and Fees .....	.....		441	
			<u>31,061</u>	
Less Transfer to Fund for Replacement of Major Equipment and Plant .....	.....		5,000	
			<u>26,061</u>	
<i>External Scholarships and Prizes—</i>				
Joseph Fisher Medal and Lecture ..	.....		16	
The Cablemakers' Association Prize .....	.....		32	
B.M.A. (Section of Clinical Medicine) Prize .....	.....		10	
Roche Products Prize .....	.....		10	
Wyeth Prize in Obstetrics .....	.....		20	
Mining and Metallurgical Bursaries .....	.....		560	
S.A. Chamber of Manufactures Prize in Electronic Control .....	.....		10	
Dental Board of S.A. Prize .....	.....		5	
Electricity Trust Prize .....	.....		11	
Elder Conservatorium Old Scholars' Association Prize .....	.....		8	
Gerard Prize in Electrical Engineering .....	.....		21	
Rutter Jewell-Thomas Medal and Prize .....	.....		24	
T. E. Barr Smith Travelling Scholarship ..	.....		750	
Philips Electrical Industries Prize in Electronics .....	.....		60	
Wm. Donnithorne Award .....	.....		7	
Pfizer Prize in Gynaecology .....	.....		25	
Athol Lykke Award .....	.....		130	
Weimar-Ohlstrom Prizes .....	.....		18	
J. R. Wilton Prize .....	.....		5	
Charles Fenner Prize in Geography .....	.....		5	
Electricity Trust Prize in Electrical Power Engineering .....	.....		50	
A. Grenfell Price Prize in Geography .....	.....		6	
The Byard Prize .....	.....		7	
The Shell Prize in Mechanical Engineering ..	.....		25	
The Shell Prize in Economics .....	.....		25	
The Adelaide Chamber of Commerce Prize ..	.....		11	
The Hume Prize in Civil Engineering .....	.....		25	
The Australian College of General Practitioners' Prize .....	.....		10	
Forwood Down Prize in Mechanical Engineering .....	.....		11	
Asbestolite Pty. Ltd. Award .....	.....		50	
Standard Vacuum Prize .....	.....		32	
			<u>28,040</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1959—Continued

INCOME

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£	£
P. Interest and Dividends—			
Peter Waite Trust Fund		2,318	
Elizabeth MacMeikan Estate		4,300	
Hugh Hughes Estate		1,894	
James Waite Estate		32	
W. D. Grigg Estate		100	
W. H. Sandland		275	
Mrs. L. M. Owen-Smyth		97	
Ranson Mortlock		475	
		<u> </u>	<u>9,491</u>
Q. Other Income—			
<i>Waite Donations:</i>			
J. T. Mortlock Bequest		1,000	
<i>Sundry Income:</i>			
Sundry Sales	1,316		
Rent A/c.—Dr. Best	104		
„ A. V. Lehmann	52		
	<u> </u>	<u>1,472</u>	<u>2,472</u>

THE UNIVERSITY
Statement of Balances of Capital

LIABILITIES AND TRUSTS

NORTH TERRACE

	Schedule	£	1959 £	1958 £
<i>Endowments and Grants—</i>				
General	1	1,114,071		1,086,853
Sale of Country Lands		40,000		40,000
Sale of Alverstoke Estate		12,000		12,000
Grants and Donations for University Site	2	11,776		11,776
<i>Contributions to Buildings and Fittings:</i>				
H.M. Government of S.A.		404,611		397,396
Commonwealth Government		268,525		268,525
From Accumulated Funds		195,169		195,169
Appropriated from Reserves		15,525		15,525
Unemployment Relief Council for Johnson Chemical Laboratories		12,000		12,000
Pharmaceutical Society of S.A.		300		300
Commonwealth Department of Commerce (Medical Building)		11,749		11,749
I.G.Y. (Seismograph Vault)		2,000		2,000
C.S.I.R.O. (Mawson Laboratories)		825		825
		2,088,551		2,054,118
<i>Reserves and Special Funds—</i>				
Provision for Items over £1,000	3	155		7,154
Special Donation for Clinical Medicine		12,677		15,000
Invalidity Scheme Fund		5,864		2,671
Personal Superannuation Accounts		90,042		70,898
Ancillary Staff Superannuation		2,009		—
Share Fluctuation Reserve		62,122		55,570
H.M. Government of S.A. Advance for 1960	£ 11,000			20,000
Less I. & E. Deficit, 1959	1,349			— 8,869
		9,651		
Fund for Replacement of Major Plant		15,000		10,000
Motor Vehicle Replacement Fund		3,125		3,172
<i>Grants for Buildings and Fittings:</i>				
H.M. Government of S.A.		200,000		75,000
Commonwealth Government		200,000		75,000
<i>H.M. Government of S.A. and Commonwealth Grants for Residential Colleges</i>				
Residential Colleges	90,000			—
Less Advances to Colleges	38,000			—
		52,000		—
<i>Provision for Additional Floor, Main Engineering Building</i>				
Engineering Building		20,000		—
Scholarship Funds	4	15,772		14,588
Library Funds	5	4,376		4,014
Special Funds	6	200,699		154,678
		893,492		498,876
Carried Forward		2,982,043		2,552,994

OF ADELAIDE

Accounts as at 31st December, 1959.

ASSETS

NORTH TERRACE

	<i>Schedule</i>	£	1959 £	1958 £
<i>Investment of Endowments and Grants—</i>				
Commonwealth Inscribed Stock	13	266,401		305,158
Share and Stock Investments	14	313,452		340,880
University Site		11,776		11,776
University Buildings	15	1,301,670		1,181,161
Other Land and Buildings	16	30,579		30,579
Books Barr Smith Library		9,106		9,106
Advances on Mortgage	17	57,564		71,455
Funds held by Trustees	18	34,003		34,003
Funds due to Michell Estate		64,000		70,000
			2,088,551	2,054,118
<i>Investment of Reserves and Special Funds—</i>				
Commonwealth Inscribed Stock		109,643		44,440
Investment Properties and Improvements	19	64,301		54,452
<i>Current Balances:</i>				
Invested on Deposit with Treasury of S.A. ...		216,478		157,643
Agent-General for S.A., London		8,800		10,820
Bank of Adelaide Current Account ...		4,510		5,044
Cash, Debtors	20	16,454		19,685
Buildings in Progress	21	473,306		206,792
			893,492	498,876
Carried Forward ...			2,982,043	2,552,994

THE UNIVERSITY
Statement of Balances of Capital

LIABILITIES AND TRUSTS

NORTH TERRACE	Schedule	£	1959 £	1958 £
Brought Forward			2,982,043	2,552,994
<i>Funds Expended on Equipment—</i>				
Contributed from Accumulated Income		234,547		235,350
Donations for Equipment	7	175,980		139,875
Donations for Library	8	19,090		17,608
<i>Funds Provided by H.M. Government of S.A.:</i>				
Equipment under £1,000		394,374		309,366
Library		162,386		125,540
Equipment over £1,000		72,303		57,219
Furniture over £1,000		1,372		1,372
<i>C.R.T.S. Equipment Provided by Commonwealth</i>				
Government		74,202		74,357
			1,134,254	960,687
<i>Lord Mayor's Cancer Appeal Fund—</i>				
Donations		£95,000		
Less Deficit incurred in operating expenses in 1959		4,016		
		90,984		95,000
Part of Special Grant by H.M. Government of S.A. towards purchase of Linear Accelerator		16,000		16,000
Grant by H.M. Government of S.A. for Gamma Ray Spectrometer		10,000		7,500
		116,984		118,500
<i>University Union Building Appeal Fund—</i>				
Donations		103,761		103,761
Interest		6,763		6,763
Contributed by University from Capital Funds		113,295		94,598
		223,819		205,122
<i>Department of Architecture Fund—</i>				
Donations		21,256		20,352
Interest		2,220		1,852
		23,476		22,204
Carried Forward			4,480,576	3,859,507

OF ADELAIDE

Accounts as at 31st December, 1959—Continued

		ASSETS		
		Schedule	1959	1958
NORTH TERRACE			£	£
Brought Forward ..			2,982,043	2,552,994
<i>Equipment—</i>				
Equipment	22	754,144		634,697
Library Books and Binding	23	267,852		229,524
Furniture	24	112,258		96,466
			1,134,254	960,687
<i>Lord Mayor's Cancer Appeal Fund—</i>				
Invested in Commonwealth Inscribed Stock at par		30,000		30,000
Invested in Debentures		—		10,000
Linear Accelerator—Progressive cost to 31/12/59		69,705		69,705
Fire Protection System		1,500		1,500
Grant towards cost of Electron Microscope (Waite Institute)		4,500		4,500
Current Account (on deposit) ..		11,279		2,795
			116,984	118,500
<i>University Union Building Appeal Fund—</i>				
Alterations and Additions to Union Buildings ..		100,460		94,886
New Union Hall ..		120,782		107,659
Expenses of Appeal		2,577		2,577
			223,819	205,122
<i>Department of Architecture Fund—</i>				
Contributions towards cost of Chair of Architecture		15,000		10,000
Expenses of Appeal		1,098		1,098
Current Account (on Deposit)		7,378		11,106
			23,476	22,204
Carried Forward ..			4,480,576	3,859,507

THE UNIVERSITY
Statement of Balances of Capital

	Schedule	£	1959 £	1958 £
Brought Forward ..			4,480,576	3,859,507
WAITE AGRICULTURAL RESEARCH INSTITUTE—				
Endowments—General	9	231,439		230,051
Endowments for Laboratories	10	35,000		35,000
Donations	11	68,259		47,134
Contributed from Accumulated Income		92,697		92,697
Unexpended Funds	12	£ 8,167		4,288
Deduct Motor Vehicles Replacement Fund (Debit Balance)	326			549
		7,841		
Funds Provided by H.M. Government of S.A.:				
Grant for New East Wing		55,000		30,000
Equipment under £ 1,000		123,805		98,664
Library		24,604		19,909
Equipment over £ 1,000		39,272		28,567
Grants by Commonwealth Government:				
C.R.T.S. Buildings		9,602		9,602
New East Wing		55,000		30,000
Income and Expenditure Surplus, 1959		—		3,606
			742,519	630,067
			<u>£ 5,223,095</u>	<u>£ 4,489,574</u>

Contingent—

Bequests in Deceased Estates subject to Life and Other Interests:—

Estate of Late Clement Phillipson
 Estate of Late Georgina M. Dowling
 Estate of Late Constance Fraser
 Estate of Late J. T. Mortlock
 Estate of Mrs. L. M. Owen-Smyth
 Estate of Laura Anita Shanasy
 Estate of Late Fred Johns
 Estate of Late R. T. Melrose
 Estate of Late R. A. M. McConnochie
 Estate of Late J. H. Vaughan
 Estate of Late Mrs. E. C. E. Munton
 Estate of Late Miss G. E. I. Borthwick
 Estate of Late Dr. A. J. Schulz
 Estate of Late Hugh Hughes (Balance)
 Estate of Late William Donnithorne (Balance)
 Estate of Late Miss A. M. Barnes (Balance).
 Estate of Late Edward Neale (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, 1959, 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

OF ADELAIDE

Accounts as at 31st December, 1959—Continued

	Schedule	£	1959 £	1958 £
Brought Forward		4,480,576	3,859,507
WAITE AGRICULTURAL RESEARCH INSTITUTE—				
Commonwealth Inscribed Stock	23,984		80,512
Funds held by Trustees	25	115,523	114,135
Land, Urrbrae House	26	54,455	54,455
Buildings	27	263,872	152,586
Equipment and Furniture	28	237,582	190,331
Library	29	35,727	31,032
Current Balances—Cash, Debtors	30	11,376	7,016
			742,519	630,067
			£ 5,223,095	£ 4,489,574

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 Laura Anita Shanasy
 Estate of Late Fred Johns
 Estate of Late R. T. Melrose
 Estate of Late R. A. M. McConnochie
 Estate of Late J. H. Vaughan
 Estate of Late Mrs. E. C. E. Munton
 Estate of Late Miss G. E. I. Borthwick
 Estate of Late Dr. A. J. Schulz
 Estate of Late Hugh Hughes (Balance)
 Estate of Late William Donnithorne (Balance)
 Estate of Late Miss A. M. Barnes (Balance).
 Estate of Late Edward Neale (Balance).

made in respect of interest in the course of accruing due to or by the University and not payable on the said 31st day of December, 1959. 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
 E. F. HUNWICK, Chartered Accountant
 Auditors.

Adelaide, 20th April, 1960.

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959.

LIABILITIES AND TRUSTS

NORTH TERRACE

	£	£
1. Endowments—General—		
Sir George Murray (for General Purposes)	86,767	
Less Transferred to Equipment	500	
	<hr/>	86,267
Miss M. T. Murray (for General Purposes)		53,308
Sir Thomas Elder (for Medical School)		30,000
Sir Thomas Elder (for General Purposes)	25,000	
Public Donations (for General Purposes)	600	
	<hr/>	25,600
Sir Thomas Elder (for Music School)		20,000
Sir Thomas Elder (for Arts and Science)	20,000	
Sir Walter Watson Hughes (for Arts and Science)	20,000	
	<hr/>	40,000
Sir Langdon Bonython (for Great Hall)		52,330
Sir Langdon Bonython (for Law School)		20,000
Dr. F. Lucas Benham (Benham Laboratories)		51,381
Gwendolyn Michell Foundation (for Medical Research)		50,000
Gwendolyn Michell Foundation (for Medical Research)		103,916
T. E. Barr Smith, Snr. (for Library Building)		34,719
T. E. Barr Smith, Snr. (for Library Fund)		10,000
T. E. Barr Smith (for Scholarship in Agricultural Science)		13,875
Barr Smith Library Fund—No. 1 A/c.		11,000
Barr Smith Library Fund—No. 2 A/c.		9,106
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
Sewell Myers Research Bequest		20,000
G. Gollin (for Chair of Economics)		20,000
Edward Neale (for Medical Research)		28,917
Family of the late John Darling (for Darling Building)	15,000	
Sir George Murray (used for Darling Building)	1,000	
	<hr/>	16,000
Mrs. G. A. Jury (for Chair in English Literature)		12,000
R. L. Johnson (for Chemistry 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/> 892,514

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£
Brought Forward		892,514
For Chair in Economic and Mining Geology—		
North Broken Hill Ltd.	18,269	
Broken Hill Pty. Co. Ltd.	10,440	
Broken Hill South Ltd.	10,440	
Zinc Corporation Ltd.	10,439	
New Broken Hill Consolidated Ltd.	2,610	
	<hr/>	52,198
A. M. Barnes Endowment		10,429
Animal Products Research Foundation		7,074
J. E. Jenkins Scholarships Fund		6,975
Emma Jeffress Endowment		6,098
Sir Joseph Verco (for Medical Science Research)		5,000
Sir Joseph Verco (for Medical Research)		2,166
Sir Joseph Verco (for Dental School)		2,166
Kenneth and Hazel Milne Travelling Scholarship —		
Architecture		5,000
F. W. Wheadon (for Observatory Building)		5,337
Baillieu Scholarships Fund		4,839
Baker Scholarship Fund		4,246
James Barrans Scholarship Fund		3,000
John Barker Scholarship Fund		3,000
Donnithorne Awards Fund		2,909
T. G. Wilson Scholarship Fund		2,500
Gavin David Young Lectures Fund		2,453
William Gardner Scholarship Fund		2,043
Olive Eva Braund Estate		2,200
David Murray Scholarship Fund		2,000
Nickel Mines No Liability		2,000
Department of Health Capital Grant (for Physical		
Education)		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
L. G. Wilson—Gift of Hills Property, "Pine Kloof"		4,631
M. L. Mitchell (for Animal Culture House)		924
The Angas Parsons Prize Fund		900
S.A. Orchestra Permanent Fund		873
Anders and Reimers Scholarships Fund		760
Elizabeth Jackson Memorial Library Fund		750
Eugene Alderman Scholarship Fund		740
Eric Smith Scholarship Fund		650
Archibald Mackie Bursary Fund		100
Carried Forward		<hr/> 1,057,959

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£
Brought Forward		1,057,959
For Anti-Cancer Committee—		
Mrs. E. C. Hoare	5,769	
Mrs. Rosye F. Mortlock	5,086	
C. V. Crocombe	3,722	
Mrs. H. L. Heuzenroeder	2,846	
Laura E. Bateman	2,553	
Robert T. Melrose	2,291	
Mrs. M. August	1,836	
E. F. Hern	1,157	
Various Benefactors	702	
Ruby Chambers	488	
J. Grinberg	100	
	<hr/>	26,550
Stow Prizes and Medal Fund		613
Hartley Studentship Fund		600
Dr. Davies-Thomas Scholarship Fund		600
Frederick Bevan Scholarship Fund		600
Miss Julia Stuckey (for Botany Laboratory)		503
E. Harold Davies Scholarship Fund		500
John Howard Clark Scholarship Fund		500
John Bagot Prize and Medal Fund		500
A. M. Simpson Library in Aeronautics Fund		500
Mrs. Agnes Ayers (for General Purposes)		500
R. W. Bennett Prizes and Medal Fund		500
Anna Florence Booth Prize Fund		750
Edith 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
Alexander Clark Prize Fund		255
Weimar-Ohlstrom Prizes Fund		300
Elsie Marion Cornish Prize Fund		250
Bunday 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
		<hr/>
Carried Forward		1,102,145

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£
Brought Forward		1,102,145
Barr Smith Prize Fund		150
Annie Montgomerie Martin Prize Fund		150
George Thompson Bursary Fund		150
Justin Skipper Prize Fund		150
Tormore Old Scholars' Prize Fund		130
Sir Mark Mitchell (for Furnishing of New Council Room)		1,000
J. B. Cleland Prize Fund		130
Andrew Scott Prize Fund		115
Professor J. H. B. Tew Prize Fund		100
William Culross Prize Fund		250
Chapman Memorial Fund		1,482
Anonymous Donation: Staff Common Room	2,379	
<i>Less</i> Transferred to Equipment	1,006	
	<hr/>	1,373
Sir Hugh Cairns Memorial Fund		1,154
Shorney Memorial Library Fund		1,000
Robin Memorial Lecture Fund		606
Nathan Netter		530
T. P. Shaughnessy Fund		191
Australian Dental Association (for Thomas D. Hannon Prize)		133
Tennyson Medals Fund		100
Lister Prize Fund		100
League of Nations Prize Fund		100
Hardwicke College Prize Fund		100
Lokan Prize Fund		100
Thomas L. Borthwick Prize Fund		100
Robert Whinham Prize Fund		84
Kate Helen Weston Fund		68
Tate Memorial Medal Fund		60
Hughes Statue Maintenance Fund		50
Jefferis Medal Fund		50
M. L. Mitchell (for Periodicals)		50
Elizabeth Jackson Library Fund		30
Sydney Norman Bequest		700
A. Grenfell Prize Fund		110
C. Fenner Prize Fund		100
J. R. Wilton Prize Fund		100
Byard Prize Fund		130
Lienau Scholarship Fund		500
Clement Q. Williams Memorial Fund		500
		<hr/>
		1,114,071
		<hr/>
2. <i>Grants and Donations for University Site—</i>		
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	2,250	
Hon. Sir George Murray	2,000	
	<hr/>	4,250
		<hr/>
		11,776
		<hr/>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
3. <i>Reserves and Special Funds—</i>			
Provision for Items over £1,000		7,405	
Less Expenditure: University Workshop (Balance)	4,149		
New Glasshouse—Botany	3,066		
Diffractometer (Balance)	35		
	7,250		155
4. <i>Scholarship Funds—</i>			
Angas Engineering Scholarship		393	
John Howard Clark Prize		99	
Everard Scholarship		11	
Eric Smith Scholarship		42	
Archibald Mackie Bursary		13	
Hartley Studentship		19	
Joseph Fisher Medal and Lecture		388	
Tinline Scholarship		14	
David Murray Scholarship		1,367	
John Bagot Scholarship		458	
Bunday Prize		38	
John Creswell Scholarships		231	
Alexander Clark Memorial Prize		58	
John Lorenzo Young Scholarship		160	
John L. Young Scholarship		517	
Dr. Charles Gosse Lectureship		260	
Eugene Alderman Scholarship		30	
Ernest Ayers Scholarship		588	
George Thompson Bursary		10	
Rennie Scholarship		63	
Fred Johns Scholarship		1,362	
Archibald Watson Prize		9	
T. G. Wilson Travelling Scholarship		676	
R. W. Bennett Prizes and Medals		47	
Sir Robert Chapman Prize		8	
Anna Florence Booth Prize		71	
Shorney Prize		197	
Lucy Josephine Bagot Prize		24	
The Angas Parsons Prize		220	
Selbourne Moutray Russell Scholarship		69	
Varley Scholarship		105	
Barr Smith Prize		26	
James Gartrell Prize		6	
Tormore Prize		21	
M. Rees George Memorial Prize		49	
Jefferis Memorial Medal		37	
Tate Memorial Medal		4	
Lokan Prize		7	
B.M.A. (Section of Clinical Medicine) Prize		10	
St. Alban's Scholarship		5	
League of Nations Prize		130	
Wyeth Prize in Obstetrics		20	
Keith Sheridan Prizes		332	
Tennyson Medal		7	
Hardwicke College Prize		4	
Way College Old Collegians' Prize		1	
Justin Skipper Prize		46	
Carried Forward		8,252	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward		8,252	
J. E. Jenkins Scholarship		45	
Gladys Lloyd Thomas Scholarship		21	
James Barrans Scholarship		243	
Elsie Marion Cornish Prize		36	
Anders and Reimers Scholarships		223	
Sir Archibald Strong Memorial Prize		203	
Gavin David Young Lectureship		128	
Dental Board of S.A. Research Scholarship		72	
Thomas Gepp Prize		39	
Violet de Mole Prize		123	
E. Harold Davies Scholarship		29	
Edith Hübbe and Harriet Cook Prize		124	
Natalia Davies Prize		11	
Baker Scholarship		1,025	
T. L. Borthwick Prize		—	
C. and J. Campbell Prize		6	
Elder Travelling Scholarship		53	
Guli Magarey Scholarship		26	
Frederick Bevan Memorial Scholarship		95	
E. V. Clark Prize		132	
Eva Lines Memorial Scholarship		73	
Sir Hugh Cairns Memorial Prize		75	
D. B. Adam Memorial Prize		17	
Maude Puddy Scholarship		36	
Gerard Prize in Electrical Engineering		21	
Prof. J. H. B. Tew Prizes		3	
Baillieu Research Scholarships		936	
Rutter Jewell-Thomas Medal and Prize		136	
Dr. Ruby Davy Scholarship		113	
T. E. Barr Smith Travelling Scholarship		2,249	
John Barker Scholarship		112	
Thomas D. Hannon Prize		13	
Wm. Donnithorne Award		167	
Athol Lykke Award		432	
Chapman Memorial Scholarship		101	
Weimar-Ohlstrom Prizes		18	
British Psychological Society Prize		5	
J. R. Wilton Prize		6	
Charles Fenner Prize		4	
A. Grenfell Price Prize		6	
Byard Prize		7	
Shell Prize in Mechanical Engineering		25	
Shell Prize in Economics		25	
Adelaide Chamber of Commerce Prize		10	
Kenneth and Hazel Milne Travelling Scholarship		240	
Lienau Prize		13	
Clement Q. Williams Memorial		12	
Standard-Vacuum Prize in Chemical Engineering		31	
			<u>15,772</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
5. Library Funds—			
T. E. Barr Smith Endowment Income		420	
Sir William Mitchell Endowment Income		621	
Elizabeth Jackson Fund Income		112	
A. M. Simpson Library Income		127	
Kate Helen Weston Library		7	
S.A. Tuberculosis Association Donations ..		35	
Herbert Shorney Memorial Library Income ..		23	
Library Deposits		2,723	
Elizabeth Mills Bequest for Library Books ..		266	
Mark Mitchell—Periodicals Income		34	
Australian Association of Psychiatrists — Grant to Medical Library		8	
		<u>4,376</u>	
6. Special Funds—			
<i>Consulting and Research Funds—</i>			
Electrical Engineering—Consulting Fees ..	—		
Civil Engineering—Donations for Concrete Research	299		
Illuminating Engineering Society Grant ..	15		
Grant for Latitude Observations	8		
Animal Products Research Foundation	780		
Geology Department Consulting Fund	234		
Pipe Transmission Line Structure ..	59		
Economic Geology Consulting Fund	244		
Consulting Fund—Physical and Inorganic Chemistry	10		
Consulting Fund—Civil Engineering	3,371		
Organic Chemistry—Research Funds	787		
Mechanical Engineering Research Fund	12		
Consulting Fees—Economics	283		
Mechanical Engineering Consulting Fund ..	247		
Speech Bandwidth Compression Equipment Grant—P.M.G. Department	1,250		
Autopsy Fees	199		
Broken Hill Pty. Co. Ltd.—Research Fund—Economic Geology	1,490		
		<u>9,288</u>	
<i>Anthropological Research Funds—</i>			
<i>Anthropological Research—</i>			
Harvard University	4		
General Account	495		
Mr. Mountford	1,596		
T. G. H. Strehlow	9		
Film Account—Dr. Campbell	216		
Australian Linguistics Film Account (Strehlow)	20		
Mountford Fund for Aboriginal Women	80		
Film Account—General	422		
		<u>2,842</u>	
<i>Medical Research Funds—</i>			
The Gwendolyn Michell Foundation for Medical Research	7,300		
The Gwendolyn Michell Foundation Reserve for Fluctuation of Shares	702		
Sheridan Bequest	13,084		
F. H. Faulding & Co. Ltd.—Dental Research Grant	16		
		<u>21,102</u>	
Carried Forward ..		<u>12,130</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward	21,102	12,130	
I.C.I. Research Fund for Sulphur Drugs ..	64		
A. J. Playford (for Research in Encephalitis)	100		
Gastro Enteritis Investigation Fund	21		
Grant for Tuberculosis Research	53		
Mrs. H. M. Newland (for Enuresis Investigations)	5		
Donations for Virus Investigations— Medical School	100		
Sandoz Ltd., Grant for Research in Department of Obstetrics	4,213		
Jane Coffin Childs Memorial Fund for Medical Research	1,446		
	<hr/>	27,104	
<i>Special Purpose Funds—</i>			
Anonymous Donation—Clinical Medicine ..	1,988		
Donation for Equipment—Dental School ..	25		
Commonwealth Postgraduate Scholarships Accumulation Fund	480		
Commonwealth Postgraduate Scholarships Income	117		
Elder Conservatorium—Donation for Pur- chase of Gramophone	165		
Australian Society of Accountants' Lecture	28		
Bonython Hall Maintenance	42		
Permanent Orchestra Fund	674		
Rose Grainger Orchestral Fund	689		
Students' Loan Fund	2,282		
Conservatorium Students' Fund	416		
Board of Social Studies—Students' Fund ..	199		
Shaughnessy Endowment Income	12		
Hughes Statue Maintenance Fund	28		
Reimann Memorial Fund	1		
Robin Memorial Lecture Fund Income	56		
Joseph Verco Memorial	3		
Sheridan Family Grave Maintenance A/c. ...	117		
Donation for Furnishing South Hall Elder Conservatorium	49		
Sir Douglas Mawson Portrait Fund	161		
Broken Hill Associated Smelters— Donation for Purchase of Lead	35		
Donation for Purchase of Musical Instruments	25		
Dr. Ruby C. Davy Bequest for Elder Conservatorium Library	1,581		
Donations towards Chair of Microbiology ..	4,635		
Donations for the Maude Puddy Library ..	11		
The McGregor Fund	2,000		
A. M. Barnes—Income	633		
Anonymous Donation—Medical School	27,284		
Publications Fund	900		
Donations for Purchase of Codex Manesse	70		
Department of Architecture Fund— Balance	7,379		
Donation for Optical Rotatory Dispersion Apparatus (Organic Chemistry)	50		
	<hr/>		
Carried Forward	52,135	39,234	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward	52,135	39,234	
Joint Colleges Appeal Fund	650		
University Music Society Fund	815		
Australian Journal of Experimental Biology and Medical Science	2,290		
Cancer Research — Hoare Estate — Reserve for Fluctuation of Shares	55		
Advance by H.M. Government of S.A. towards loss on Realization of Cancer Appeal Funds Inscribed Stock	5,440		
		61,385	
<i>Provisions—</i>			
Surplus Proceeds Sale of Shares for Building Purposes	8,232		
Realization of Obsolete and Surplus Equipment—Physical Chemistry	234		
Realization of Obsolete and Surplus Equipment—Pathology	22		
Realization of Obsolete and Surplus Equipment—Medicine	1,230		
Realization of Obsolete and Surplus Equipment—Mining	650		
Realization of Obsolete and Surplus Equipment—Carpenters' Shop	7		
Realization of Obsolete and Surplus Equipment—Physics	51		
Realization of Obsolete and Surplus Equipment—Physiology	40		
Realization of Investment Properties	5,936		
Provision for Damage by Storm and Tempest	1,200		
Provision for Laboratory Space for Microscope Workshop	500		
Adult Education Motor Vehicle Replacement Fund	704		
Reserve for Civil Engineering Special Equipment	5,140		
Provision for Purchase of Special Equipment for Testing Concrete	1,664		
		25,610	
<i>Research Grants—</i>			
Commonwealth Grant for Australian Literature	10		
C.S.I.R.O. Electrical Research Board	97		
N.H.M.R.C. Grant—Salmonella	79		
Department of Air and Department of Civil Aviation Aeromedical Research ...	1,278		
Department of Army—Anti-Oxidants Research	41		
Department of Civil Aviation — Hangar Wind Loading Research	227		
I.C.I.A.N.Z. Research Fellowship	4		
George Aitken Pastoral Research Trust — Zoology	529		
Australian Atomic Energy Commission— Studentships	663		
Mechanical Engineering	5		
Carried Forward	2,933	126,229	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward	2,933	126,229	
Equipment (Staker)	112		
Equipment (Butcher)	248		
Equipment (Gray)	329		
Equipment (Field)	333		
Equipment (Haskard)	298		
Equipment (Weller)	266		
Department of Civil Aviation—Electronic Research Grant	1,452		
Monsanto Chemicals Grant—Physical and Inorganic Chemistry	1,201		
Damon Runyon Grant for Cancer Research —Organic Chemistry	1,656		
Wool Research Committee—Animal Ecology	20		
I.G.Y. Finance Committee Grant— Seismology	2		
General Motors-Holden's— Postgraduate Research Fellowship	201		
Postgraduate Fellowship (Nilsson)	256		
Postgraduate Fellowship (Nichol)	59		
Rockefeller Foundation Grant for Physical and Inorganic Chemistry	547		
Australian Atomic Energy Commission Research Grant—Mining	1,416		
Department of Supply Grant for Research on Aerials and Computers	3,902		
Social Sciences Research Council — Australian Linguistics	36		
C.S.I.R.O.—Maintenance of Electron Microscope	250		
E.T.S.A. Conductor Account	6		
American Chemical Society—Organic Chemistry	1,870		
Social Sciences Research Council Grant— Law	130		
A.A.E.C. Research Contract—Mining Engineering	2,983		
Nuffield Foundation Grant — Marsupials Research (Zoology)	471		
C.S.I.R.O. Grant—Physiology of Native Mammals	98		
Philips Electrical Industries Pty. Ltd. — Postgraduate Scholarships	62		
B.H.A.S. Pty. Ltd. — Grant for Research (Mining Department — Lead Project)	652		
Rockefeller Grant for Kuru Research	1,278		
Adult Education — Commonwealth Government Grant for Australian Literature	522		
Merck Sharpe and Dohme Grant— Microbiology Research	1,347		
		24,936	
<i>Sundry Balances—</i> Graduates' Union Fund (Capital Donations)	179		
Sundry Donations	90		
Carried Forward	269	151,165	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward	269	151,165	
Book Account—Professor Mitchell	81		
Weapons Research Establishment—			
Mathematics Department	109		
Broken Hill Smelters—Donation	62		
Insurance Deposits	16		
C.I.G. (South Aust.) Ltd.	11		
Army Education Accounts	53		
Constance Fraser Income	663		
Civil Engineering Notebook	78		
Diploma in Physical Education	3,137		
Chemistry Laboratory Deposits	18		
Enuresis Patent	1,388		
L. G. Wilson—Gift of "Pine Kloof"			
Income	293		
Australian Humanities	100		
Adelaide University Union—Deposit	5,000		
Public Examinations in Music	13,402		
Public Examinations Board	8,675		
Anti-Cancer Balance	11,279		
George Collin Estate—Income	554		
Victoria Drive Fence—Fund for			
Maintenance	35		
Sale of Furniture—Vice-Chancellor's			
House	16		
Retiring Gratuity—Miss D. Mead	1,162		
	<u>46,401</u>		
<i>Equipment Funds—</i>			
Department of Trade—Advance for			
Capital Equipment	128		
C.S.I.R.O. Grant for Capital			
Expenditure—Animal Ecology			
Research	2		
Motors Ltd.—Donation for Economics			
Department	25		
Contribution towards cost of Professor			
Spooner's Travelling Expenses	900		
Donation for Dentistry Department	100		
History Book Club	153		
Postgraduate Committee in Medicine —			
Accumulated Income	199		
Postgraduate Committee in Dentistry	73		
Provision for Ancillary Staff	1,500		
Publication Account—"Paradise of			
Dissent"	52		
Pharmacy Lecture Notes	1		
	<u>3,133</u>		
		<u>200,699</u>	
7. Donations for Equipment—			
Sir George Murray		500	
Anonymous Donation—Staff Common			
Room		1,006	
R. Barr Smith		1,010	
Carnegie Corporation for Books		5,967	
Pharmaceutical Society of S.A.		718	
		<u>9,201</u>	
Carried Forward			

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward		9,201	
Department of Commerce — Advance for Equipment		753	
Commonwealth Postgraduate Scholarships		950	
N.H.M.R.C. Fund		840	
Medical Research Committee Fund		2,556	
Anti-Oxidant Research Fund		12,674	
Anti-Oxidant Research Fund No. 2 A/c.		617	
Engineering Testing Fees		7,294	
Civil Engineering Fund		8,644	
Electrical Engineering—Consulting Fees		108	
For M.M. and C.E. Department—			
Broken Hill Pty. Co. Ltd.	5,000		
Electrolytic Zinc Co. of Aust. Ltd.	5,000		
North Broken Hill Ltd.	4,000		
Broken Hill South Ltd.	4,000		
Zinc Corporation Ltd.	4,000		
Imperial Chemical 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		
	23,950		
Civil Engineering Consulting Fund		1,550	
Donation for Equipment — Department of Geology		2,565	
Mechanical Engineering Consulting Fund		253	
Adult Education Equipment Fund		276	
Anonymous Donation for Clinical Medicine		2,323	
Adult Education—Motor Vehicle Fund		2,587	
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 Inorganic Chemistry		6,500	
Rockefeller Foundation Grant for Organic Chemistry		6,705	
Motors Ltd.—for Economics Department		1,975	
J. M. Black for Botany Department		100	
Electronic Organ in Bonython Hall		2,350	
Graduates' Union		935	
H.M. Government of S.A. Grant for Equipment		1,345	
Special Grant for Equipment—Chemistry Department		3,479	
B.H.A.S. Lead Project Equipment Fund		462	
Elder Conservatorium Bergonzi Viola Fund		1,045	
Geology Consulting Fund Equipment		71	
Organic Chemistry Research Equipment		2,087	
Funds for Equipment — Special Pathology		144	
Public Examinations Board		7,284	
Public Examinations in Music		5,177	
Rockefeller Foundation Grant for Physical Chemistry		7,701	
Rockefeller Foundation Grant for Zoology		3,323	
Carried Forward		136,974	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward		136,974	
Amsler Press Fund		6,336	
E.T.S.A. Dynamic Network Analyser Fund		30,446	
Rockefeller Foundation Grant for Kuru Research		1,455	
A.A.E.C. Research Equipment Fund		469	
Clarence River Basin Exploration Co. N.L.		300	
		<u>175,980</u>	
 8. <i>Donations for Library—</i>			
T. E. Barr Smith Endowment		4,891	
Sir William Mitchell		1,657	
Elizabeth Jackson		1,219	
B.M.A. Library Donations		9,515	
A. M. Simpson Library Fund		911	
Kate Helen Weston Library Fund		12	
S.A. Tuberculosis Association Donation		665	
Herbert Shorney Memorial Library		160	
Institute of Physics—Donation for Library Books		58	
Australian Association of Psychiatrists — Grant to Medical Library		2	
		<u>19,090</u>	

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£	£
9. <i>Endowments—General—</i>			
Peter Waite Endowment		100,519	
W. D. Grigg Estate—Endowment		18,304	
Elizabeth MacMeikan		18,872	
Hugh Hughes		36,004	
Ranson Mortlock Trust		15,000	
Lily Waite Endowment		10,900	
James Waite Endowment		1,000	
Various Benefactors		2,605	
W. H. Sandland Endowment		17,353	
Premium on Conversion of Stock		1,678	
Mrs. D. Mortlock		10,104	
		<u>231,439</u>	
 10. <i>Endowments for Laboratories—</i>			
Mrs. Rosye Mortlock and Mrs. J. T. Mortlock		10,000	
Sir John Melrose Endowment		10,000	
Family Late John Darling		10,000	
J. T. Mortlock Endowment		2,000	
Empire Marketing Board		3,000	
		<u>35,000</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
11. <i>Donations—</i>			
C.S.I.R.O. Mineral Deficiency Fund		1,500	
C.S.I.R.O. Soils Investigation Fund		1,500	
C.S.I.R.O. for Plant Pathology House		1,350	
Commonwealth Bank for Plant Culture House		14,010	
Australian Wool Board		640	
J. T. Mortlock Donation for Livestock		500	
Donations for Insectory		1,170	
Wool Research Committee—Donations towards Insectory		2,070	
Rural Credit Development Fund — Grant for Equipment (Proteins and Fodder Research)		10,000	
Donations towards cost of Electron Microscope		13,966	
Commonwealth Department of Health Donation of Glasshouse and Fittings ...	1,720		
Phylloxera Board Donation for Addition	1,500		
	<hr/>	3,220	
Contributions to Alterations to Building ...		3,000	
Anonymous Donation for Animal Science ...		5,000	
State Wheat Research Equipment Fund ...		519	
Barley Improvement Equipment Fund		2,250	
Wool Research Equipment Fund		1,342	
Commonwealth Wheat Research Equipment Fund		5,922	
		<hr/>	<hr/>
			68,259
12. <i>Unexpended Balances—</i>			
Lily Waite Estate—Income Account		1,720	
George Aitken Pastoral Research Trust		125	
I.C.I.A.N.Z. Grant for Research		193	
Barley Improvement Fund		2,948	
Apiarists' Association Grant		100	
A.A.E.C. Research Contract—Plant Physiology		2,537	
S.A. Fruitgrowers' and Market Gardeners' Association Grant for Pea Research ...		244	
S.A. Fruitgrowers' and Market Gardeners' Association Grant for Entomological Research		300	
		<hr/>	
		8,167	
Less Motor Vehicles Replacement Fund (Debit Balance)		326	
		<hr/>	<hr/>
			7,841

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

ASSETS

NORTH TERRACE

	£	£	£
13. <i>Inscribed Stock—</i>			
Aust. Consolidated Stock—			
3½%—15/10/60		17,810	
3½%—15/10/60		84,600	
3½%—15/9/61		9,740	
3½%—15/9/60		4,500	
3½%—15/9/60		40,000	
3½%—15/9/62		10,000	
3½%—15/10/63		213,260	
		<u>379,910</u>	
E. C. Hoare Bequest:			
Aust. Consolidated Stock—4½%—15/11/68			200
George Gollin Estate—			
Aust. Consolidated Stock—			
3½%—15/9/62	2,716		
3½%—15/10/63	998		
3½%—15/8/64	7,508		
3½%—15/10/60	1,847		
4½%—15/9/61	512		
4½%—15/11/68	1,964		
5%—15/4/63	1,085		
5%—15/2/67	3,287		
		<u>19,917</u>	
		400,027	
Less Transfer to Investment of Reserves	109,642		
Transfer to Waite Institute	23,984		
		<u>133,626</u>	
			<u>266,401</u>
14. <i>Electricity Trust Debentures—</i>			
5%—1969		110	
5%—1970		20,000	
5%—1969		100	
4½%—1962		560	
5%—1969		570	
5%—1969		5,460	
3%—1964		1,188	
		<u>27,988</u>	
<i>Shares—</i>			
Share Investments	164,279		
E. C. Hoare Bequest—Shares	2,904		
S.A. Gas Co. Bonds (Gwendolyn Michell Bequest)	50,000		
S.A. Gas Co. Bonds (Rutter Jewell-Thomas Bequest)	500		
Cellulose Aust. Ltd. (T. E. Barr Smith Travelling Scholarships)	13,875		
Finance Corporation of Australia Ltd. (Athol Lykke Fund)	1,860		
Carried Forward	233,418	27,988	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward	233,418	27,988	
Gwendolyn Michell Bequest—Shares in Companies	10,896		
S.A. Gas Co. Stock (Weimer-Ohlstrom Prizes)	300		
S.A. Gas Co. Bond (C. Fenner Prize) ..	100		
S.A. Gas Co. (Byard Prize)	100		
A. M. Barnes Estate—Shares	10,650		
		<u>285,464</u>	
			<u>313,452</u>

15. Buildings—

Bonython Hall	51,003	
Barr Smith Library—Building	33,214	
Barr Smith Library—Furniture and Fittings	5,936	
Administration (Main) Building	64,215	
Physics Building	70,814	
Physics—First Year Building Furniture and Fittings	171	
Glasshouse—Department of Genetics	2,216	
Elder Anatomy Building	8,596	
Vice-Chancellor's House	4,876	
Staff Common Room	1,748	
Prince of Wales Building	20,324	
Elder Conservatorium Building	21,743	
Darling Building	66,779	
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	48,291	
Johnson Chemistry Building—Furniture and Fittings	6,684	
Animal Culture House—Darling Building ..	934	
Caretaker's Lodge	1,846	
Arts Building	37,575	
Mechanical Engineering Building	50,832	
Main Engineering Building	127,963	
Union Building Additions	113,295	
Medical Building	323,701	
Mawson Laboratories	127,294	
Health Centre	1,836	
Oil Store	615	
Stores Building	186	
Physical Education Projection Room	1,059	
Benham Laboratories	39,549	
Benham Laboratories—Furniture and Fittings	385	
New Glasshouse—Botany	3,066	
Observatory Building	7,500	
Seismograph Vault at Mt. Bonython	3,341	
University Maintenance Workshop	11,335	
		<u>1,301,670</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
16. <i>Other Lands and Buildings—</i>			
Globe Chambers—Victoria Square		18,420	
Waymouth Street, Property		12,000	
Landed Estate—Northern Territory		159	
		<u> </u>	<u>30,579</u>
17. <i>Advances on Mortgages—</i>			
24 Advances			<u>57,564</u>
18. <i>Trust Funds Held by Trustees—</i>			
Edward Neale		28,917	
Rosye F. Mortlock		5,086	
		<u> </u>	<u>34,003</u>
19. <i>Investment Properties and Improvements—</i>			
Nos. 119-120 Mackinnon Parade, North Adelaide			
No. 12 Broadway, Glenelg			
No. 12 Broadway, Glenelg—Furniture			
No. 345 Leslie Road, Blair Athol			
Blount Street, Blair Athol			
Prospect Road, Blair Athol			
No. 17 Struan Avenue, Warradale Park			
No. 17 Struan Avenue, Warradale Park—Furniture			
No. 11 Barker Avenue, Flinders Park			
Gilberton Property			
Gilberton Property—Furniture			
Bishop Avenue, Somerton Park			
No. 35 Dee Street, Woodville South			
105 Mackinnon Parade, North Adelaide			
116-117 Mackinnon Parade, North Adelaide			
125 Mackinnon Parade, North Adelaide			
109 Mackinnon Parade, North Adelaide			
127 Mackinnon Parade, North Adelaide			
107 Mackinnon Parade, North Adelaide			
131-133 Mackinnon Parade, North Adelaide			
77-79 Finnis Street, North Adelaide			
Total			<u>64,301</u>
20. <i>Current Balances—</i>			
Petty Cash			50
<i>Materials in Workshops—</i>			
Carpenters' Workshop	2,396		
Electrical Maintenance Workshop	174		
Instrument and Mechanical Maintenance			
Workshop		162	
Photographic Services Materials		87	
Electronic Workshop		356	
Work in Progress—Wages		207	
Work in Progress—Materials		263	
Optical Workshop Materials		51	
Stores Account		60	
		<u> </u>	<u>3,756</u>
Carried Forward			<u>3,806</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward ..		3,806	
<i>Sundry Debit Balances—</i>			
Prof. Mitchell's Private Account	54		
Pharmaceutical Society of S.A. Pharmacy Laboratory	15		
Universities Commission Salaries	27		
Sir Douglas Mawson Anniversary Volume	560		
Outstanding Workshop Accounts	205		
Sundry Accounts	2,146		
Union Salaries and Wages	639		
University Health Service	189		
Lawrence Matrix	235		
Staff Club	423		
R. P. Draper	163		
G. S. Read—Advance Account	500		
Engineering Testing	271		
B.M.A. Library Donations	195		
Donation for Equipment for Geology	15		
C.S.I.R.O. Radio Research Board	58		
Patent Recording Apparatus	18		
International Geophysical Year— Moonwatch	210		
Stewarts and Lloyds—Tubular Structures ..	14		
Sasse	96		
Loan to Adelaide University Union	1,500		
Elder Trustee Co.	843		
Vacuum Oil Co.—Joint Colleges Appeal ...	750		
A.U.C. Dinner	12		
Anthropological Research—Film Account— “In the Beginning”	13		
Rural Credits Development Fund Grant— Animal Ecology Research	892		
Institute of Chartered Accountants—Prize in Accountancy IIIA	10		
John Lewis Prize (Royal Geographical Society of A/asia)	5		
Commonwealth Bank—Economic and Financial Research	165		
Geology Journals	12		
National Health and Medical Research Grant	37		
E.T.S.A. Grant for Dynamic Network Analyser	2,376		
		<u>12,648</u>	
			<u>16,454</u>
21. Buildings in Progress—			
Barr Smith Library Extensions	161,568		
Barr Smith Library Extensions— Equipment and Furniture	12,820		
Organic Chemistry Building	222,809		
Equipment for Organic Chemistry Building	342		
Main Engineering Building—Additional Floor	47,825		
New Arts Building	7,620		
Biological Sciences Building	12,800		
Johnson Chemistry Building Alterations	1,299		
Main Engineering Building—Brick Facing ..	6,223		
			<u>473,306</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
22. <i>Equipment—</i>			
Equipment Expended to 31/12/52		117,838	
Equipment under £1,000		321,693	
Equipment over £1000		75,216	
Amsler Press		6,336	
Equipment—Engineering Testing (No. 1 Account)		7,294	
Equipment—Engineering Testing (No. 2 Account)		8,644	
Special, Mining and Metallurgy		23,950	
Special, Grant for Equipment (Chemistry)		3,479	
Napier Birks Room		1,975	
Anti-Oxidants Research Project (No. 1 Account)		12,674	
Anti-Oxidant Research Project (No. 2 Account)		617	
Animal Culture House (Darling Building)		753	
Special, Electrical Engineering		108	
Special, Geology		2,565	
Clinical Medicine		2,323	
C.S.I.R.O. Grant for Animal Ecology		1,498	
Animal Ecology (Rural Credits Development Fund)		7,652	
Rockefeller Foundation Donation for Organic Chemistry		6,705	
Nuffield Foundation Donation for Inorganic Chemistry		6,500	
Organ—Elder Conservatorium		2,880	
Herbarium—J. M. Black		100	
Special, Economic Geology		300	
Electronic Organ—Bonython Hall		2,350	
E.T.S.A. Dynamic Network Analyser		30,446	
Equipment, Public Examinations in Music		5,177	
Equipment, Public Examinations Board		7,284	
C.R.T.S. Equipment		74,201	
Civil Engineering Station Waggon		1,550	
Rockefeller Foundation Grant—Physical and Inorganic Chemistry		7,701	
Rockefeller Foundation Grant for Zoology		3,323	
Equipment—Graduates' Union		935	
B.H.A.S. Lead Project		462	
Elder Conservatorium Bergonzi Viola		1,045	
Geology Consulting Fund Equipment		70	
Atomic Research Equipment		468	
Rockefeller Foundation Grant for Kuru Research Equipment		1,455	
Special Equipment—Pathology		144	
Commonwealth Postgraduate Awards Equipment		950	
N.H.M.R.C. Equipment		840	
M.R.C. Equipment		2,556	
Organic Chemistry Research Fund Equipment		2,087	
			<u>754,144</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
23. <i>Library Books and Binding—</i>			
Expended to 31/12/49		80,408	
Purchased from H.M. Government of S.A.			
Funds		162,386	
Carnegie Corporation—Expenditure		5,967	
T. E. Barr Smith Endowment		4,891	
Sir William Mitchell Endowment		1,657	
Elizabeth Jackson Endowment		1,219	
B.M.A. Grants		9,515	
A. M. Simpson Endowment		912	
Kate Helen Weston Library		12	
S.A. Tuberculosis Association Donations		665	
Herbert Shorney Memorial Library		160	
Institute of Physics—Donations for			
Library Books		58	
Australian Association of Psychiatrists —			
Grant to Medical Library		2	
		<u>267,852</u>	
24. <i>Furniture—</i>			
Furniture—General		31,006	
Furniture under £1,000		75,544	
Furniture over £1,000		1,372	
Staff Common Room		2,269	
Electric Light and Power Installation		1,814	
Mechanical Engineering Consulting Fund ..		253	
		<u>112,258</u>	
WAITE AGRICULTURAL RESEARCH INSTITUTE			
25. <i>Funds Held by Trustees—</i>			
Peter Waite Trust Fund Investments		60,647	
Elizabeth MacMeikan Trust Fund			
Investments		18,872	
Hugh Hughes Estate—Trust Fund		36,004	
		<u>115,523</u>	
26. <i>Land—</i>			
Urrbrae, Claremont and Netherby Estates		42,455	
Alverstoke Estate		12,000	
		<u>54,455</u>	
27. <i>Buildings—</i>			
Plant Pathology		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	
Carried Forward		<u>26,754</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
Brought Forward		26,754	
Glasshouse No. 5—South Portion (Building No. 33)		1,079	
Extension of Plant Culture House (Wiles Prefabricated Shed)		1,767	
Prefabricated Shed Building No. 32		503	
Glasshouse No. 6 (Building No. 34)		157	
John Melrose Laboratory	16,744		
Fittings	4,186		
		20,930	
John Darling Laboratory	9,812		
Fittings	2,186		
		11,998	
Ranson Mortlock Laboratory	11,455		
Fittings	3,922		
		15,377	
Waite Institute (South Wing)	21,463		
Waite Institute (South Wing Fittings)	4,123		
		25,586	
Glasshouse No. 7		3,800	
Alterations to Urrbrae House		9,984	
Alterations to Laboratories		11,459	
New East Wing	106,075		
New East Wing—Furniture and Equipment	2,421		
		108,496	
Maintenance Workshop		9,532	
Agronomy Field Laboratory		10,420	
Glasshouse No. 8		4,860	
Agronomy Garage		1,170	
		<u>263,872</u>	
28. <i>Equipment and Furniture—</i>			
Farm Equipment		8,252	
Laboratory Equipment		28,574	
Students' Equipment		2,148	
Farm Improvements		9,308	
Live Stock Account		1,427	
Equipment under £1,000		117,877	
Equipment over £1,000		17,489	
John Mortlock Research Station—			
Equipment		2,268	
Rural Credits Development Fund			
Equipment		10,000	
Electron Microscope		19,303	
Wool Research Fund Equipment—			
Agronomy	1,065		
Entomology	277		
		1,342	
Barley Improvement Fund Equipment—			
Agronomy	1,429		
Plant Physiology	821		
		2,250	
Commonwealth Wheat Research Fund			
Equipment—			
Agricultural Chemistry	4,566		
Agronomy	1,356		
		5,922	
State Wheat Research Fund Equipment—			
Agricultural Chemistry		518	
Furniture		10,904	
		<u>237,582</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1959—Continued

	£	£	£
29. <i>Library—</i>			
Purchases from State Funds		24,604	
Library		11,123	
		<u> </u>	<u>35,727</u>
30. <i>Current Balances—</i>			
Petty Cash		50	
Advance Account		50	
Phylloxera Board		500	
C.S.I.R.O.—Soil Investigations		303	
Wool Research Fund		767	
Australian Wine Research Board		29	
Rural Credits Development Fund		1,585	
Commonwealth Wheat Research Fund		7,489	
Bovril Research Fellowship		38	
State Wheat Research Fund		544	
Special Publications		21	
		<u> </u>	<u>11,376</u>

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Adult Education</i>	Commonwealth Literary Fund
<i>Anatomy</i>	Wenner-Gren Foundation
<i>Biochemistry</i>	Commonwealth Department of Health Rockefeller Foundation
<i>Australian Journal of Experimental Biology and Medical Science</i>	Commonwealth Department of Health
<i>Board for Anthropological Research (Australian Linguistics)</i>	Social Sciences Research Council
<i>Physical and Inorganic Chemistry</i>	Australian Atomic Energy Commission Rockefeller Foundation General Motors-Holden's I.C.I.A.N.Z.
<i>Organic Chemistry</i>	Monsanto Chemicals Damon Runyon Memorial Fund for Cancer Research Damon Runyon Memorial Fund for Cancer Research General Motors-Holden's American Chemical Society Jane Coffin Childs Memorial Fund for Medical Research I.C.I.A.N.Z. Rockefeller Foundation
<i>Economics</i>	Commonwealth Bank—Economic and Financial Research Fund
<i>Civil Engineering</i>	Sundry Firms
<i>Electrical Engineering</i>	Department of Supply Australian Atomic Energy Commission Electrical Research Board (C.S.I.R.O.) Department of Civil Aviation Electricity Trust of S.A.
<i>Mining, Metallurgical and Chemical Engineering</i>	Australian Atomic Energy Commission Australian Atomic Energy Commission Broken Hill Associated Smelters Ltd.
<i>English</i>	Commonwealth Literary Fund
<i>Genetics and Medicine</i>	Rockefeller Foundation
<i>Law</i>	Social Science Research Council
<i>Medicine</i>	Commonwealth Department of Health
<i>Obstetrics</i>	Sandoz Ltd.
<i>Pathology</i>	Commonwealth Department of Health

OF ADELAIDE

Received from Outside Sources.

<i>Nature of Grant</i>	<i>Estimate</i>	
	1959 £	1960 £
Grant for Lectures on Australian Literature	478	522
Grant to aid Physical Anthropological Research on Aborigines of Northern Australia	450	—
N.H.M.R.C. Grant for Medical Research	1,323	2,803
Grant for Research in Biochemistry	—	2,900
N.H.M.R.C. Annual Grant	1,600	2,200
Grant to Assist Work on the Genealogical Records of the Aranda Tribe	—	36
Studentships	750	900
Grant for Research in Biophysical Chemistry	141	500
Postgraduate Fellowship and Grant-in-aid	1,241	2,860
Research Fellowship	1,100	—
Grant for Research on High Polymers	400	400
Grant for the Project "The Process of Tar Formation"	2,307	1,600
Supplementary Grant for Purchase of Equipment	—	2,500
Postgraduate Fellowships and Grants-in-aid	1,877	—
Grant for a Study of "The Desulphurization Reaction and Related Topics"	1,601	1,800
Grant for Expenses of Investigations by Professor G. M. Badger	104	3,000
Research Fellowship	—	1,100
Grant towards Purchase of Equipment	—	2,700
Grant for Project, "Trade Credit in Australia"	165	1,700
Concrete Research	178	200
Grant for Research in Aerials and Servomechanisms	4,746	3,650
Studentships	1,871	825
E.R.B. Grant for Research in Power Networks	509	1,000
Grant in Connection with Training of Electronic Engineers and for Research into Particular Problems	2,273	2,500
Construction of Dynamic A.C. Network Analyser	12,096	—
Studentships	2,310	3,800
Grants for Research	1,969	5,000
Grant for Sponsor Research into Production of Lead from Concentrate	648	1,600
Grant for Lectures in Australian Literature	100	100
Grant for Kuru Research	3,152	1,300
Grant for Travel and Assistance on Project in International Law	—	130
N.H.M.R.C. Grant for Medical Research	3,468	4,136
Grant for Research in Obstetrics	76	800
N.H.M.R.C. Grant for Medical Research	1,159	591
Carried Forward	48,092	53,153

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Microbiology</i>	Commonwealth Department of Health Merck, Sharpe & Dohme Laboratories Inc. United States Department of Health, Education and Welfare
<i>Physics</i>	Radio Research Board (C.S.I.R.O.)
	Australian Academy of Science (International Geophysical Year Finance Committee)
	Australian Academy of Science (International Geophysical Year Finance Committee)
	General Motors-Holden's Ltd.
	Australian Atomic Energy Commission
	C.S.I.R.O. Electrical Research Board
	Rockefeller Foundation
<i>Mathematical Physics</i> ...	Australian Institute of Nuclear Science and Engineering
<i>Physiology</i>	Department of Army
	Department of Air and Department of Civil Aviation
	Commonwealth Department of Health
<i>Zoology</i>	Rockefeller Foundation
	Wool Research Committee
	Rural Credits Fund (Commonwealth Bank) ...
	George Aitken Trust Fund
	C.S.I.R.O.
	The Nuffield Foundation
	S.A. Fisherman's Co-operative Ltd.
<i>Barr Smith Library</i>	S.A. Tuberculosis Association
	British Medical Association
<i>Medical Research (General)</i>	Commonwealth Department of Health
<i>Geology</i>	General Motors-Holden's
	American Petroleum Institute
<i>History</i>	Social Science Research Council

OF ADELAIDE

Received from Outside Sources.

<i>Nature of Grant</i>	<i>Estimate</i>	
	1959 £	1960 £
Brought Forward	48,092	53,153
N.H.M.R.C. Grant for Salmonella Reference Laboratory	2,137	2,000
Grant for Research by Professor D. Rowley	873	1,350
Grant for Research on rôle of Opsonins in the Native Susceptibility to Infections	—	11,000
Meteor Trails Research	6,539	8,000
Grant for Project to Measure Height Ionization Profiles by Radio Techniques	1,322	—
Grant for Moonwatch Programme in S.A.	210	—
Postgraduate Research Fellowship and Grant-in-aid	1,044	1,650
Studentship	—	1,300
Grant for Project on Ion Mobilities	—	1,000
Grant for Equipment for Research on Molecular Structure	—	2,000
Studentship	—	800
Anti-Oxidant Research	9,500	4,000
Aeromedical Research	5,225	6,000
N.H.M.R.C. Grant for Medical Research	2,977	4,256
Grant for Equipment	913	—
Grant for Ecological Investigation of Pastures in Mid-North of South Australia	2,824	3,250
Grant for Research in the Ecology of the Snail Vector of the Liver-Fluke Parasite of Sheep	1,076	1,300
Grant for Research on Nematode Parasites	—	530
Grant towards Cost of Research on the Physiology of Native Mammals	102	100
Grant for Research on Marsupial Genetics	1,028	1,000
Grant for Research on Crayfish	—	250
Grant for Books and Periodicals Dealing with Tuberculosis	50	50
Grant for Medical Books and Periodicals	1,091	1,200
N.H.M.R.C. Grant to University for Medical Research	1,500	1,500
Research Fellowship and Grant-in-aid	—	1,300
Grant for Research in Dolomite Sedimentation	—	3,000
Grant towards Study of Christianity and Socialism in Australia	—	150
	<u>£ 86,503</u>	<u>£ 110,139</u>

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Waite Institute</i>	Wool Research Committee
	Imperial Chemical Industries of Australia and New Zealand
	Commonwealth Bank—Rural Credits Develop- ment Fund
	Barley Improvement Fund
	Australian Atomic Energy Commission
	S.A. Fruitgrowers and Market Gardeners', Association
	S.A. Fruitgrowers and Market Gardeners', Association
	The Australian Dried Fruits Association and S.A. Canning Fruitgrowers' Association
	Wheat Industry Research Council
	Bovril Ltd.
	Dairy Industry Research Fund

OF ADELAIDE

Received from Outside Sources.

<i>Nature of Grant</i>	<i>Estimate</i>	
	1959 £	1960 £
Field Trial to Study Summer Nutrition of Sheep in Mediterranean Environment; and Investigations on Pasture Cockchafer	13,349	12,934
Grant for Investigations in the Competitive Effects of Weeds in Crops and Pastures	189	200
Grant to Assist Establishment of a Unit to Study Proteins in Pastures and Fodder Crops	2,748	5,000
Grant for Research into Barley	8,002	11,008
Research Project, "Uptake Translocation and Deactivation by Plants of Radioactive Growth Regulators"	562	2,539
Research on Economic Importance of Pea Diseases in South Australia	756	1,000
Codlin Moth Research	—	300
Research on Economic Importance of Stone Fruit Diseases in South Australia	—	1,000
Grant for Wheat Improvement Research	17,970	15,395
State Committee	3,206	5,650
Research Fellowship	1,800	—
Grant for Research on Cheese Moulds	—	400
	<u>£ 48,582</u>	<u>£ 55,426</u>

SUMMARY

NORTH TERRACE	86,503	110,139
WAITE INSTITUTE	48,582	55,426
Total Grants from Outside Sources	<u>£ 135,085</u>	<u>£ 165,565</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME		£
ANTI-CANCER COMMITTEE—		
Annual Grant by H.M. Government of South Australia		6,000
Income from Neale Endowment		1,000
Income from R. F. Mortlock Endowment		192
Income from E. F. Hern Endowment		33
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		285
Income from M. August Endowment		58
Income from Emma Jeffress Endowment		196
Income from Ruby Chambers Endowment		15
Income from O. E. Braund Endowment		17
Interest from Lord Mayor's Fund		1,332
Interest on Sundry Endowment (£ 3,216)		103
Linear Accelerator Treatment Fees		1,281
Donations		426
Sale of Radon		438
Deficit, 1959		4,016
		£ 15,676
 UNION FEES—		
Fees received for year 1959		33,927
		£ 33,927
 ADULT EDUCATION—		
Grant by H.M. Government of S.A.		17,500
<i>Fees:</i> Tutorial Classes		3,520
Special Schools and Courses		4,374
Sundry Receipts		153
		£ 25,547
 EDWARD NEALE TRUST FUND—		
Income for the year 1959		£ 1,000

OF ADELAIDE
ACCOUNTS FOR THE YEAR 1959.

EXPENDITURE

	£
ANTI-CANCER COMMITTEE—	
Salaries	11,395
Payroll Tax and Insurance ...	280
Radon Department	187
Equipment	108
Library	335
Sundries	532
Linear Accelerator Maintenance	658
Patients' Transport ...	71
Grant to Department of Organic Chemistry	600
Grant to Department of Agricultural Chemistry	981
Grant for Cytological Services	529

£ 15,676

UNION FEES—

Paid to Union Council	32,844
Refunded to Students	1,083

£ 33,927

ADULT EDUCATION—

Administrative Salaries	8,399
Honoraria—Tutors and Lecturers	7,127
Payroll Tax and Insurance ...	390
Travelling Expenses of Tutors and Lecturers	231
Travelling Expenses—New Appointments	1,411
Printing and Programmes ...	395
Advertising ...	299
Library	350
Administration Expenses	389
Schools and Courses Expenses	3,129
Tutorial Class Expenses	144
Furniture and Equipment	276
Depreciation on Motor Vehicles	500
Purchase of Motor Vehicle ...	842
Miscellaneous Expenditure	49
Car Expense Account	295
Surplus, Transferred to University 1959 Deficiency Account	1,321

£ 25,547

EDWARD NEALE TRUST FUND—

Transferred to Anti-Cancer Fund, 1959	£ 1,000
---	---------

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME

	£
MEDICAL RESEARCH COMMITTEE—	
N.H.M.R.C. Grant	1,500
Sheridan Income Account	3,791
Sewell Myers Income Account	1,075
G. M. Dowling Income Account	2,531
J. T. Mortlock Income Account	880
	<u>£ 9,777</u>
 PUBLIC EXAMINATIONS BOARD—	
Balance 1st January, 1959	8,675
Fees Received for year 1959	38,594
Sundry Income	1,488
	<u>£ 48,757</u>
 BOARD OF PUBLIC EXAMINATIONS IN MUSIC—	
Balance, 1st January, 1959	13,063
Fees Received for year 1959	7,945
	<u>£ 21,008</u>

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1959—Continued.

EXPENDITURE

	£
MEDICAL RESEARCH COMMITTEE—	
Salaries, Payroll Tax and Insurance	4,107
Departmental Expenditure:	
Physiology	973
Pathology	1,238
Dentistry	296
Medicine	698
Biochemistry	507
Anatomy	1,438
Obstetrics	210
Surgery	8
Bacteriology	102
Grant to Australian Journal of Experimental Biology and Medical Science	200
	<u>£9,777</u>
 PUBLIC EXAMINATIONS BOARD—	
Salaries	7,144
Examiners, Supervisors and Local Secretaries	18,166
Printing and Stationery	7,585
Furniture	3,058
Hire of Halls	817
Postages and Petty Cash	148
Sundries	545
Administration Charges	2,619
Balance, 31st December, 1959	8,675
	<u>£48,757</u>
 BOARD OF PUBLIC EXAMINATIONS IN MUSIC—	
Clerical Expenses	330
Printing and Stationery	522
Examiners and Supervisors Fees and Travelling Expenses	4,414
Sundries	471
Scholarships and Prizes	226
Organist	50
Furniture	91
A.M.E.B. Adjustments	162
Administration Charges	795
Part Cost—Bergonzi Viola	545
Balance, 31st December, 1959	13,402
	<u>£21,008</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME

	£
PHARMACY—	
Pharmaceutical Society Grant for Pharmacy Classes	1,250
Reimbursement of Laboratory Expenses by Pharmaceutical Society of S.A.	1,185
Pharmacy Fees	289

£ 2,724

HOSPITAL FEES—

Royal Adelaide Hospital—Honorary Staff	3,546
Director-General of Medical Services	1,460
Queen Victoria and Queen Elizabeth Hospitals	1,906
Adelaide Children's Hospital	58
Adelaide Children's Hospital—Honorary Staff	217
Dental Hospital	319

£ 7,506

RESIDENTIAL COLLEGES—

Commonwealth Grant through H.M. Government	10,200
--	--------

£ 10,200

OF ADELAIDE
ACCOUNTS FOR THE YEAR 1959—Continued.

EXPENDITURE

	£
PHARMACY—	
Salaries	89
Printing and Stationery	97
Advertising	86
Sundries	—
Laboratory Maintenance	£ 1,164
Add Reimbursement due 1/1/59	36
	<u>1,200</u>
Less Reimbursement due 31/12/59	15
	<u>1,185</u>
Transferred to University Income and Expenditure A/c.:	
Fees	289
Unexpended Balance of Grant	978
	<u>1,267</u>
	<u>£ 2,724</u>
HOSPITAL FEES—	
Royal Adelaide Hospital—Honorary Staff	3,546
Director-General of Medical Services	1,460
Queen Victoria Maternity Hospital	£ 949
Queen Elizabeth Maternity Hospital	988
	<u>1,937</u>
Less Paid Account 1958 Fees	31
	<u>1,906</u>
Adelaide Children's Hospital	58
Adelaide Children's Hospital—Honorary Staff	217
Dental Hospital	319
	<u>£ 7,506</u>
RESIDENTIAL COLLEGES—	
St. Mark's College	2,820
Lincoln College	2,666
St. Ann's College	2,357
Aquinas College	2,357
	<u>£ 10,200</u>

CALENDAR OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1960

PART IV

I. Regulations—

Degree of Bachelor of Arts - - - - -	553
Associate in Arts and Education - - - - -	560
Diploma in Education - - - - -	562
Degree of Master of Arts - - - - -	563
Degree of Doctor of Letters - - - - -	564
Degree of Bachelor of Economics - - - - -	565
Degree of Master of Economics - - - - -	570
Degree of Bachelor of Science - - - - -	571
Degree of Master of Science - - - - -	577
Degree of Doctor of Science - - - - -	579
Degree of Bachelor of Agricultural Science - - - - -	580
Degree of Master of Agricultural Science - - - - -	583
Degree of Bachelor of Engineering - - - - -	585
Degree of Master of Engineering - - - - -	588
Degree of Bachelor of Laws - - - - -	600
Degree of Master of Laws - - - - -	609
Degree of Doctor of Laws - - - - -	609
Degrees of Bachelor of Medicine and Bachelor of Surgery -	610
Honours Degree of Bachelor of Medical Science - - - - -	617
Degree of Doctor of Medicine - - - - -	619
Degree of Master of Surgery - - - - -	620
Degree of Bachelor of Dental Surgery - - - - -	621
Degree of Master of Dental Surgery - - - - -	626
Degree of Doctor of Dental Science - - - - -	628
Diploma of Associate in Music - - - - -	629
Fellowship of the Elder Conservatorium of Music - - - - -	633
Degree of Bachelor of Music - - - - -	634
Degree of Doctor of Music - - - - -	638
Diploma in Public Administration - - - - -	639
Diploma in Pharmacy - - - - -	641
Diploma and Certificate in Physical Education - - - - -	642
Diploma in Social Studies - - - - -	644
Diploma in Physiotherapy - - - - -	646
Degree of Bachelor of Architecture - - - - -	648
Degree of Master of Architecture - - - - -	651
Degree of Doctor of Philosophy - - - - -	653
Notes to candidates for the Degree of Doctor of Philosophy	656
Degree of Bachelor of Technology - - - - -	658

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);
Ancient History (8);
Comparative Philology (9);
French I (31), II (32), and III (33);
German IA (40), I (41), II (42), and III (43);
English I (21), II (22), and III (23);
History IA (51), IB (52), IC (53), IIA (54), IIB (55),
IIIA (56), and IIIB (57);
Politics I (61), IIA (62), IIB (63), IIIA (64), and IIIB (65);
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), II (72), IIIA (74), and IIIB (75);
Psychology IA (80), I (81), IIA (82), IIB (83), IIIA (84), and
IIIB (85);
Education (101);
General Mathematics (201), Mathematics I (202), and II
(203), Pure Mathematics II (204), and III (207);
Statistical Methods (206), and Mathematical Statistics (209);
Music I (121), II (123), and III (125).

Science Subjects:

Applied Mathematics II (205), and III (208);
General Physics (221), Physics I (223), and II (224);
Chemistry I (231), Chemistry II (235), Physical and In-
organic Chemistry II (233), and Organic Chemistry II
(236);
Botany I (261) and II (262);
Zoology I (271) and II (274);
Geology I (251) and II (252);
Biology (269);
Genetics I (296).

Each of the above-mentioned divisions of a subject (e.g., Greek I) or an undivided subject (e.g. Comparative Philology) is a course in that subject, except that Greek II counts as two courses.

* Amended 15th January and 28th July, 1959, and further amendment awaiting allowance at time of printing.

Subject which may be counted for the degree only by candidates who have qualified for the Diploma in Social Science or the Diploma in Social Studies:

Sociology (852);

*3. A candidate for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:

- (a) Classics (11),
- (b) Latin (12),
- (c) English Language and Literature (28),
- (d) French Language and Literature (38),
- (e) History (58),
- (f) Economics (158),
- (g) Geography (98),
- (h) Philosophy (78),
- (i) Mathematics (211),
- (j) German Language and Literature (48),
- (k) Politics (68),
- (l) Psychology (87),

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.

*Amended 11th November, 1954, 25th August, 1955, 22nd December, 1955, 9th January, 1958, and 28th July, 1959.

5. Schedules defining the range of study and the examinations to be passed by candidates for either the Honours degree or the Ordinary degree shall be drawn up from time to time by the Faculty and submitted to and approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.

6. Except by permission of the Faculty a candidate shall not proceed to a course for which he has not completed the pre-requisite courses prescribed in the syllabuses.

7. A candidate may be excused attendance at lectures in any subject in which he desires to be examined, but only upon grounds approved by the Council. Exemption in more than two subjects in any one year will be allowed only in exceptional circumstances.

8. A candidate shall do such written or practical work as may be prescribed by the Professor or Lecturer.

*9. Except in special cases approved by the Council the annual examinations shall take place towards the end of the academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned. Written or practical work done by candidates by direction of the Professors or Lecturers and the results of terminal or other examinations in a subject may be taken into consideration at the final examination in that subject.

10. A candidate who fails to pass in a subject and who desires to take the subject again shall again attend lectures and do practical work in the subject to the satisfaction of the Professors and Lecturers, unless exempted therefrom by the Faculty of Arts.

11. A candidate who has twice failed to pass the examination in any subject or division of a subject may not 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; amended 15th January, 1959.

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 I.
- (b) For the Honours degree in Latin:
 - Latin I, II and III;
 - Greek I;
 - Three other courses, of which at least two must be in sequence.
 - Instruction will be offered in Elementary Greek.
- (c) For the Honours degree in English Language and Literature:
 - There shall be alternative schemes of study: A and B.
 - Scheme A:*
 - English I, II and III;
 - Old and Middle English I and II;
 - Three additional courses approved by the Professor of English Language and Literature, including at least one course in a language other than English.
 - Scheme B:*
 - English I, II and III;
 - A sequence of three courses in another subject approved by the Professor of English Language and Literature;
 - Two additional courses approved by the Professor of English Language and Literature.
 - Course I in a language other than English must be presented as one of the five elective courses.

- (d) For the Honours degree in French Language and Literature:
 French I, II and III;
 Old and Middle French I and II;
 Courses I and II in another subject for the ordinary degree;
 One additional course.
 Latin I must be taken by all students who have not already passed in it or in Latin at the Leaving Honours Examination.
- (e) For the Honours degree in History:
 History I (A or B or C), II (A or B), IIIA;
 An examination in a language other than English approved by the Faculty;
 Five other courses approved by the Professor of History, which must ordinarily include a second third-year course.
- (f) For the Honours degree in Economics:
 Economics I, II and III;
 Five other courses approved by the Professor of Economics including a third-year course in a subject other than Economics.
 An examination in a language other than English approved by the Faculty.
- (g) For the Honours degree in Geography:
 Geography I, II and III;
 Course I of any Science subject specified in Regulation 2;
 Courses I, II and III in History, Economics or some other subject approved by the Faculty: provided that a candidate 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.
- (h) For the Honours degree in Philosophy:
 Philosophy I, II, IIIA and IIIB;
 Courses I and II in another subject for the Ordinary degree;
 Two additional courses.
 Course I in a language other than English must be presented as one of the elective courses.
- (i) For the Honours degree in Mathematics:
 Mathematics I, Pure Mathematics II, Applied Mathematics II;
 Honours Mathematics III;
 Course I in a language other than English;
 Two other courses approved by the Head of the Department of Mathematics.
- (j) For the Honours degree in German:
 German IA or I, II and III;
 Older German Language and Literature I and II;
 Courses I and II in another subject for the Ordinary degree;
 One additional course.

- (k) For the Honours degree in Politics:
 Politics I, II (A or B), Politics IIIA and IIIB;
 History IIA;
 Social Economics or Economics I;
 Two other courses;
 An examination in a language other than English approved
 by the Faculty.
- (l) For the Honours degree in Psychology:
 Psychology I, IIA and IIIA;
 Psychology IIB and IIIB;
 Courses I and II in another subject for the Ordinary degree;
 One additional course.
 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

1. The ten courses presented by a candidate for the Ordinary degree shall include:

- (a) at least one course in a language other than English, provided that a candidate whose mother tongue is not English and who has passed an examination in his mother tongue approved by the Faculty may satisfy this requirement by including a course in English;
- (b) at least one course in a Science subject or Philosophy I, and not more than four courses in Science subjects;
- (c) not more than four courses which have been presented for any other degree;
- (d) not more than five of the following: Greek I, Latin I, Ancient History, French I, German IA or I, English I, History IA or IB or IC, Politics I, Economics I, Social Economics, Geography I, Economic Geography, Philosophy I, Psychology I or IA, General Mathematics or Mathematics I, General Physics or Physics I, Chemistry I, Botany I, Zoology I, Biology, Geology I, Music I;
- (e) two of the following sequences of three courses each, permissible sequences being indicated by the arrows:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Greek I	→ Greek II	→ Greek III → Comparative Philology
2. Latin I	→ Latin II	→ Latin III → Comparative Philology
3. French I	→ French II	→ French III → Comparative Philology
4. German IA or I	→ German II	→ German III → Comparative Philology
5. English I	→ English II	→ English III
6. History I (A or B or C)	→ History II (A or B)	→ History III (A or B) → Politics IIIB
7. Politics I	→ Politics II (A or B)	→ Politics III (A or B)
8. Economics I	→ Economics II	→ Economics III
9. Geography I	→ Geography II	→ Geography III
10. Philosophy I	→ Philosophy II	→ Philosophy III (A or B)
11. Psychology I	→ Psychology IIA or IIB	→ Psychology IIIA or IIIB
12. Mathematics I	→ Pure Mathematics II	→ Pure Mathematics III
	→ Statistical Methods	→ Mathematical Statistics
	→ Applied Mathematics II	→ Applied Mathematics III
13. Music I	→ Music II	→ Music III

The following are permissible sequences of three courses each, for candidates who have qualified for the Diploma in Social Science or the Diploma in Social Studies:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Psychology I	→ Psychology IIB	→ Sociology
2. Social Economics or Economics I	→ History IIB	→ History III (A or B)

2. No course shall be counted twice, and a candidate shall not present both of the following pairs of subjects:

- Ancient History and Greek II;
- Ancient History and *either* Latin II *or* Latin III;
- German I and German IA;
- Economics I and Social Economics;
- Geography I and Economic Geography;
- Psychology I and Psychology IA;
- General Mathematics and Mathematics I;
- Mathematics II and *either* Pure Mathematics II *or* Applied Mathematics II.
- General Physics and Physics I.

3. A candidate may present only one of Chemistry II, Physical and Inorganic Chemistry II and Organic Chemistry II.

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 - - - - | £15 15 0 |
| (2) For a special examination in any course or for an annual examination with exemption from attendance or re-attendance at lectures | 7 17 6 |
| (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 of Old and Middle English I and II, Old and Middle French I and II, and Older German Language and Literature I and II | 15 15 0 |
| (3) For Honours Mathematics III - - - - | 31 10 0 |
| (4) For instruction and final examination in the following schools:
Classics, Latin, Politics, History, Philosophy, Mathematics, English Language and Literature (Scheme A and Scheme B), French Language and Literature, Economics, Geography, German, Psychology, each - - - - - | 63 0 0 |

Notes: 1. These fees cover all work, except courses for the Ordinary degree and interim courses provided for in B. (2) above, which the Head of the school deems necessary for the Honours course selected.

2. The cost of attendance on excursions and/or at camps is not included in the fees listed above. See separate statement on page 671.

ASSOCIATE IN ARTS AND EDUCATION
REGULATIONS

*1. To qualify as an Associate in Arts and Education a candidate shall:

- (a) have matriculated;
- (b) attend lectures regularly and pass examinations in—
 - (i) Education (101),
 - (ii) four other courses set out in Regulation 2 of the degree of Bachelor of Arts,
 - (iii) professional courses as set out in Schedule I.

2. A candidate will not be admitted to a course in Mathematics or in a language other than English unless he has satisfied the requirements for admission to the course as prescribed from time to time.

* Allowed 15th January, 1959.

3. A candidate who has fulfilled these conditions shall receive a diploma which will entitle him to be styled an Associate of the University, and to use the letters A.U.A.

4. A candidate may be granted exemption from attendance at lectures on any subject of examination, but only under the conditions prescribed in Regulation 7 of the Degree of Bachelor of Arts.

†5. (a) A graduate in Arts shall not be eligible to qualify also as an Associate in Arts and Education.

(b) Except as provided for in paragraph (c) of this regulation, not more than two subjects shall be presented both for the diploma in Arts and Education and for any other degree or diploma.

* (c) Any holder of the diploma who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree subjects which he has already presented for the diploma provided:

- (i) that he fulfils the requirements for the degree in all respects, and
- (ii) that he surrenders his diploma before being admitted to the degree.

°6. (a) An unmatriculated student who enrolled before June 30, 1958, as a candidate for this diploma may qualify for the diploma under the Regulations previously in force if by the beginning of the academic year in 1960 he has passed in four of the subjects set out in Regulation 2 of the degree of Bachelor of Arts. Such a student may alternatively fulfil the requirements of Regulation 1 (b) above.

(b) Only in special circumstances may a student who has passed in less than four subjects at the beginning of the academic year in 1960 be permitted to qualify for the diploma without having fulfilled the requirements for matriculation.

‡(c) A student holding the Leaving Certificate, including a pass in English, or having passed in five subjects including English at the Leaving Examination, or possessing an equivalent qualification approved by the Council, who enrolls as a non-graduating student before June 30, 1960, may on completing the requirements for matriculation within two years of enrolment be permitted to count towards the Associateship in Arts and Education subjects passed prior to matriculation.

Note: The Council has prescribed the fee of £5 5s. for the granting of the diploma.

† Allowed 16th December, 1948.

* Allowed 15th January, 1959.

‡ Allowed 28th July, 1959.

Allowed 10th July, 1947.

SCHEDULE I: PROFESSIONAL SUBJECTS

The subjects under Section b (iii) of Regulation 1 are:

- (a) Principles of Pre-Primary Education I and IIA (106 and 107A)
or
Principles of Primary Education I and IIA (109 and 110A)
or
Principles of Secondary Education I and IIA (112 and 113A);
- (b) Educational Psychology I (116);
- (c) Practical Teaching (119).

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 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 14th December, 1950.

§ Allowed 18th October, 1956.

* Allowed 7th December, 1939; amended 9th January, 1958.

‡ Amendment awaiting allowance at time of printing.

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 - - - - -	7	17	6
(2) In Educational Psychology I and II—each part - - - - -	7	17	6
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary) I, II and III—each part - - - - -	7	17	6
B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	3	18	9
C. For the course in Practical Teaching - - - - -	7	17	6
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.

‡ 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

* Allowed 14th December, 1944.

‡ Allowed 11th November, 1954.

§ Amended 14th December, 1950.

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 17th December, 1931.

** Allowed 18th October, 1956.

† Allowed 30th November, 1933.

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.	-	-	-	-	-	-	-	£31	10	0
(2) For guidance without instruction	-	-	-	-	-	-	-	15	15	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
-------------------------------	---	---	---	---	---	---	---	----	----	---

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

* Allowed 22nd December, 1955.

candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

4. The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

- First Class
- Second Class
 - Division A
 - Division B
- Third Class

A candidate who fails to obtain Honours may be awarded the Ordinary degree provided that he has in all other respects completed the work for the Honours degree.

5. No graduate who has obtained the Honours degree of Bachelor of Arts in the school of Economics may obtain the Honours degree of Bachelor of Economics.

6. Except by permission of the Faculty a candidate shall not proceed to a subject for which he has not completed the pre-requisite subjects or preparatory work as prescribed in the syllabuses.

7. A candidate shall do such written or practical work in any subject as may be prescribed by the professor or lecturer concerned.

8. A candidate may be exempted from attendance at lectures in any subject approved by the Faculty, but only upon grounds approved by the Council. Exemption from attendance at lectures in more than two subjects in any one year will be allowed only in very exceptional circumstances.

*9. The annual examinations shall be held towards the end of each academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

10. Written or practical work done by candidates by direction of the professor or lecturer concerned and the results of terminal or other examinations held during the year may be taken into consideration at the final examination in any subject.

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

*Allowed 20th December, 1956.

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.

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 I, II;
 Economic Theory;
 Economic Geography;
 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 (Commerce):

Economics I, II, III;
 Economic Statistics I;
 Economic Geography or General Mathematics or Mathematics I;
 Economic Development I;
 Elements of Accounting, Management Accounting, Financial Accounting;
 Commercial Law A;
 Commercial Law B, or Cost Accounting (or in special cases,^o by approval of the Dean, another subject).

Scheme B (General Economics):

Economics I, II, III;
 Economic Statistics I;
 Economic Development I, II;
 Elements of Accounting;
 Economic Geography or General Mathematics or Mathematics I;

Three subjects, approved by the Dean, provided that not more than two shall be first year subjects.

Provided that:

- (i) no candidate may present Economic Development I and History IIB, or Economic Geography and Geography I; and
- (ii) in special cases, by approval of the Dean, History IIB may be presented *in lieu* of Economic Development I and Geography I † *in lieu* of Economic Geography.

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 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.

^o 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.

† It is the intention of the Faculty that these special cases will be limited to candidates who intend to proceed to Geography II.

5. Candidates who have completed subjects for the degree prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

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 I, II;
Economic Geography or General Mathematics or
Mathematics I;
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 I, II;
Elements of Accounting;
Economic Geography or General Mathematics or
Mathematics I;

Two subjects approved by the Dean.

Provided that:

- (i) no candidate may present Economic Development I and History IIB, or Economic Geography and Geography I; and
(ii) in special cases, by approval of the Dean, History IIB may be presented *in lieu* of Economic Development I and Geography I† *in lieu* of Economic Geography.
(b) undertake in the first three years such preliminary Honours work and pass in such examinations on that work as the Professor of Economics may prescribe; ** and
(c) devote a further year to the study of, and pass examinations in, such additional work in Economics and in allied subjects as the Professor of Economics may prescribe.
2. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

3. Candidates who have completed subjects for the degree prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean provided that a candidate shall not lose credit for a subject already completed.

* 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.

† It is the intention of the Faculty that these special cases will be limited to candidates who intend to proceed to Geography II.

** 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 - - - - -	£15 15 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 - - - - -	63 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.

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	-	-	-	-	-	-	-	-	31	10	0
(2) For guidance without instruction	-	-	-	-	-	-	-	-	15	15	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

* Allowed 18th October, 1956.

Allowed 22nd January, 1953.

OF THE DEGREE OF BACHELOR OF SCIENCE REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Science. A candidate may obtain either degree or both.

2. The course of study for the Ordinary degree shall extend over three academic years and that for the Honours degree over four academic years.

3. (a) In these regulations and in schedules made under them by the Council the word "subject" means a course of study at the University normally completed in one academic year. In syllabuses, if the context so requires, it may mean alternatively a subject at one of the Public Examinations conducted by the University.

(b) The Council, after receipt of advice from the Faculty of Science, shall from time to time prescribe schedules defining (i) the subjects of study for the degree to be provided by the University, (ii) the range of subjects (including lecture courses, laboratory courses and other practical work) to be satisfactorily completed and the examinations to be passed by candidates, and (iii) the fees to be paid by candidates.

(c) Such schedules shall become effective from the date of prescription by the Council or such other date as the Council may fix.

(d) The syllabuses of subjects shall be specified by the Head of the Department concerned and submitted to the Faculty and the Council for approval.

(e) Schedules made and syllabuses approved by the Council shall be published in the next edition of the University Calendar.

4. Except by permission of the Faculty of Science, a candidate shall not be admitted to the class in any subject for which he has not satisfactorily completed the pre-requisite studies as prescribed in the syllabus for that subject.

5. (a) Except in cases approved by the Council, the annual examination in a subject shall be held soon after completion of the course of instruction in it. Terminal or other examinations during the course of instruction may be held at any time fixed by the examiner. Supplementary examinations, when granted, shall be held at such time as may be fixed, whether in term or in vacation.

(b) A candidate shall enter for examination on a form and by a date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) At the annual examination in a subject the examiners may take into account the candidate's written or practical work in the subject and his results at terminal or other examinations in it.

(d) A candidate will be permitted to take a supplementary examination only in special circumstances approved by the Faculty and then only if in the opinion of the examiner the candidate's previous work in the subject has been such as to indicate that he has a reasonable chance of passing the supplementary examination.

6. There shall be three classifications of pass at an annual examination in any subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the list of candidates who pass be published in two divisions, a pass in the higher division may be prescribed in the appropriate syllabuses as pre-requisite for admission to another subject.

7. (a) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professor and lecturers concerned unless exempted from doing so by the Faculty.

(b) A candidate who has twice failed to pass the examination in any subject may not enrol for the subject again except by permission of the Faculty and under such conditions as the Faculty may prescribe. For the purpose of this clause a candidate who fails to receive permission to sit for or absents himself from the examination in any subject after having attended substantially the full course of instruction in it shall be deemed to have failed to pass the examination.

8. (a) There shall be the following classifications for the Honours degree, and the names of successful candidates in each subject shall be published in alphabetical order within each classification:

First Class
 Second Class
 Division A
 Division B.

(b) A candidate who fails to obtain one of the foregoing classifications at his first attempt shall not be permitted to present himself again for the examination.

9. Exemption from attendance at lectures or laboratory work or other practical work on the first occasion on which a candidate takes a subject will be granted only in special cases and on grounds approved by the Faculty.

10. A graduate who has obtained the Honours degree of Bachelor of Arts in Mathematics may not proceed to the Honours degree of Bachelor of Science in that subject.

11. (a) A candidate who has completed equivalent work elsewhere may on application to the Registrar be granted such exemption from the requirements of these regulations as the Faculty may recommend and the Council approve.

(b) A graduate in another Faculty who wishes to proceed to the degree of Bachelor of Science and to count towards that degree subjects which he has already presented for another degree shall, subject to the approval of the Faculty, present a range of subjects which (i) fulfils in all respects the requirements of the Schedule made under Regulation 3 (b) (ii) above, and (ii) includes two Group C subjects not presented for any other degree.

Awaiting allowance at time of printing.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 3

I. THE ORDINARY DEGREE

1. The subjects of study for the Ordinary degree shall be as follows:

Group A: General Mathematics (201), Mathematics I (202), General Physics (221), Physics I (223), Chemistry I (231), Geology I (251), Botany I (261), Zoology I (271), Biology (269).

Group B: Mathematics II (203), Pure Mathematics II (204), Applied Mathematics II (205), Statistical Methods (206), Physics II (224), Chemistry II (235), Physical and Inorganic Chemistry II (233), 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 (207), Applied Mathematics III (208), Mathematical Statistics (209), Physics III (225) and (226A), Physics IIIA (225A), Physical and Inorganic Chemistry III (237), Organic Chemistry III (239), Geology III (254), Botany III (265), Genetics II (297), Zoology III (275), Bacteriology II (292), Biochemistry II (282), Physiology (286), Mathematical Physics A (229A), Mathematical Physics B (229B).

Group D: Third-year Honours Course in Mathematics (210), Soil Science IA (245), Agricultural Economics (156), Palaeontology (257), Agriculture I (261), Botany IIA (263).

2. To qualify for the Ordinary degree a candidate shall, subject to the conditions and modifications specified in Clauses 3, 4 and 5 below, satisfactorily complete the following range of subjects:

- (a) four subjects from Group A;
- (b) either three subjects from Group B or two subjects from Group B and a fifth subject from Group A;
- (c) two subjects from Group C.

3. The choice of subjects to be presented for the degree must comply with the following conditions:

- (a) Chemistry I and *either* General Physics *or* Physics I must be presented as two of the subjects from Group A.
- (b) The following combinations of subjects shall not be presented:

Biology and either Botany I or Zoology I;
 General Physics and Physics I;
 General Mathematics and Mathematics I;
 Mathematics II and either Pure Mathematics II or Applied Mathematics II;
 Chemistry II and any one of Physical and Inorganic Chemistry II, Organic Chemistry II, Biochemistry I;
 Physics III and Physics IIIA;
 Mathematical Physics A and Mathematical Physics B;
 Mathematical Physics A and Applied Mathematics III;
 Mathematical Physics B and Physics III or IIIA.

- (c) 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.
- (d) A candidate who presents both Botany III and Zoology III may not present Genetics I also except by special approval of the Faculty and subject to such conditions as the Faculty may prescribe.

4. The following modifications to Clause 2 above may be made provided that no subject is counted twice or as forming part of the requirements from more than one Group:

- (a) Palaeontology may be submitted as a subject from Group B by a candidate who submits one of the following pairs of subjects from Group C:

Geology III and Genetics II
 Geology III and Botany III
 Geology III and Zoology III.

- (b) A candidate who presents Geology III may present one of the following combinations of subjects as his second subject from Group C:

Palaeontology and Genetics I
 Palaeontology and Botany II
 Palaeontology and Zoology II.

- (c) 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:

- (i) Soil Science IA, the stratigraphical section of Geology II and the climatological section of Geography III in the Faculty of Arts;
 - (ii) Soil Science IA, Agriculture I and the plant physiology, plant geography and plant ecology section of Botany II;
 - (iii) Soil Science IA or Agriculture I and any subject from Group B.
 - (d) A candidate may present the third-year Honours course in Mathematics from Group D in lieu of both Pure Mathematics III and Applied Mathematics III from Group C.
5. A candidate for the Ordinary degree of Bachelor of Science in Forestry shall:
- (a) Complete the following subjects:
 Physics I or General Physics,
 Chemistry I
 Botany I
 Mathematics I or General Mathematics,
 Geology I
 Botany IIA
 Agricultural Economics,
 Either Soil Science IA or a subject from Group B approved in each case by the Faculty.
 - (b) During the long vacations at the end of the first and second years, satisfactorily complete a total of not less than twelve weeks' work in the field under a forest authority approved by the Faculty.
 - (c) Subsequently complete a two years' course at the Australian Forestry School, Canberra, under a syllabus approved by the Council.
 - (d) Present evidence satisfactory to the Council (i) of having satisfactorily completed the work at the Australian Forestry School, Canberra, and (ii) of having had twelve months' experience, not necessarily consecutive, in work appropriate to his course in Forestry.

For the purposes of this Clause, the Australian Forestry School, Canberra, is affiliated with the University of Adelaide.

6. Applications for approval under Sections (c) and (d) of Clause 4 and Section (d) of Clause 5 above shall be submitted in writing to the Registrar.

II. THE HONOURS DEGREE

1. A candidate may, subject to approval by the Head of the Department concerned, proceed to the Honours degree in one of the following subjects:

- Mathematics
- Physics
- Mathematical Physics
- Physical and Inorganic Chemistry
- Organic Chemistry
- Geology
- Botany
- Zoology

Biochemistry
Physiology
Genetics
Bacteriology.

2. A candidate for the Honours degree in any subject shall not begin final-year Honours work in that subject until he has qualified for the Ordinary degree of Bachelor of Science and has completed all the courses in that subject prescribed for the Ordinary degree and such other pre-requisite subjects (if any) as may be prescribed in the syllabus.

III. FEES

	Lectures	Practical Work
A. For the Ordinary Degree:		
1. General Mathematics, Mathematics I and II, Pure Mathematics II and III, Applied Mathematics II and III, Statistical Methods, Mathematical Statistics and Mathematical Physics A, each - - -	£15 15 0	
2. Third-year Honours course in Mathematics	£31 10 0	
3. General Physics, Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology, each - - - -	£15 15 0	£9 9 0
4. Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Biochemistry I, Botany II, Geology II, Zoology II, Bacteriology I, Genetics I and Histology, each - - - -	£15 15 0	£15 15 0
5. Physics III, Physics IIIA, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry II, Physiology, Geology III, Botany III, Zoology III, Bacteriology II, Genetics II, and Mathematical Physics B, each - - - -	£15 15 0	£26 5 0
6. Special Subjects:		
Agricultural Economics - - - -	£15 15 0	
Soil Science IA - - - -	£15 15 0	£15 15 0
Palaeontology - - - -	£15 15 0	£15 15 0
Botany IIA - - - -	£18	£18 18 0
A composite subject in lieu of a subject from Group C (inclusive fee) - - - -	£3	
Scientific German (for candidates other than Honours students) - - - -	£3 0	
B. For the Honours Degree:		
For the final-year Honours work and the final examination in any subject - - -	£78 15 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 attendance on excursions and/or at camps is not included in the fees listed above. See separate statement on page 671.
2. The fees for the work at the Australian Forestry School are not included in this schedule.

OF THE DEGREE OF MASTER OF SCIENCE
REGULATIONS

*1. The following persons may become candidates for the degree of Master of Science: (a) Bachelors of Science, (b) Bachelors of Agricultural Science, (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, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University, but has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

*1A. Unless the candidate has obtained the Honours Degree of Bachelor of Science or of Agricultural Science he shall, before submitting his thesis (or presenting himself for examination in Mathematics) as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

2. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Science as equivalent to one of the qualifications required in regulation 1, may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

3. A candidate who holds the Honours degree of Bachelor of Science or Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

* Allowed 14th December, 1944; amendment awaiting allowance at time of printing.

4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to science in support of his candidature. In the department of Mathematics a candidate may elect to present himself for an examination on an approved course of study in lieu of submitting a thesis.

*5. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis, or the branch of Mathematics in which he wishes to be examined. The Faculty of Science, if it approve the subject of his research or his proposed course of study in Mathematics, may appoint a supervisor to guide the candidate in his work. The candidate shall submit his thesis not earlier than three terms and, except by special permission of the Faculty, not later than nine terms after approval by the Faculty of the subject of his research.

†6. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

‡7. A candidate for the degree of Doctor of Philosophy or Doctor of Science whose work is considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not to be of sufficient 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.

§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 14th December, 1944; amended 15th January, 1959.

† Allowed 14th December, 1944.

‡ Amended 8th December, 1949.

§ Allowed 18th October, 1956.

Allowed 7th December, 1939.

Schedule of Fees prescribed by the Council under Regulation 10

Annual Registration Fee for full-time students	-	-	£42	0	0
Annual Registration Fee for part-time students	-	-	21	0	0
On submission 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 works and unpublished original work shall state generally in a preface and specifically in notes the main sources from which his information is derived and the 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 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 Science be admitted to the degree of Doctor of Science.

‡5. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

* Allowed 10th January, 1946.

† Allowed 10th December, 1936, and amended 10th January, 1946.

‡ Allowed 18th October, 1956. Allowed 3rd January, 1929.

Schedule of Fees prescribed by the Council under Regulation 5

On approval of the subject of the work - - - -	£31 10 0
On admission to the degree - - - -	10 10 0

OF THE DEGREE OF BACHELOR OF AGRICULTURAL
SCIENCE

REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Agricultural Science. A candidate may obtain either degree or both.

2. Except in special cases allowed by the Council or in the case of candidates holding the diploma of Roseworthy Agricultural College, every candidate for the degree of Bachelor of Agricultural Science shall after matriculation spend four academic years at least in courses of study prescribed for the degree.

‡A candidate who holds the diploma of Roseworthy Agricultural College may, subject to the approval of the Faculty and under such conditions as the Faculty may prescribe, be permitted to complete the course of study for the degree in three years.

3. To obtain the degree, whether the Ordinary or the Honours degree, every candidate must regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed.

He must also present evidence to the satisfaction of the Council that he has had the practical experience prescribed.

4. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Agricultural Science and be submitted to and approved by the Council.

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

† Amended 16th December, 1948.

‡ Amended 15th January, 1959.

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.

Allowed 23rd January, 1947.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 4.

(Note.—The following Schedules, made by the Council in July, 1955, have been effective as from January 1, 1956, and apply to those students in the course for the degree of Bachelor of Agricultural Science who were first year students in 1955 or a subsequent year. Candidates who entered the second year of the course in 1955 or earlier will proceed under the old schedules, as published in the Calendar for the year 1955.)

1. During the first year every candidate shall, unless exempted therefrom, attend courses of instruction, and shall satisfy the examiners in each of the following subjects:

General Physics (221);
Chemistry I (231);
Botany I (261);
Zoology I (271).

2. During the second, third and fourth years a candidate who under Regulation 2 is required to spend four academic years in courses of study prescribed for the degree shall attend courses of instruction and at the annual examination for the appropriate year shall satisfy the examiners in each of the following subjects:

- (a) Second Year:
Agriculture I (361);
Botany IIB (364);
Chemistry II (235);
Geology I (251);
Genetics IA (366).
- (b) Third Year:
Agriculture II (371);
Agricultural Botany (378);
Biometry (373);
Soil Science I (379);
Agricultural Biochemistry 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 (156);
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 (297);
Plant Breeding (391);
Soil Science II (392);
Agricultural Biochemistry II (393);
Horticulture (394);
Plant Pathology II (395);
Entomology II (396).

3. Except by permission of the Faculty, a candidate shall not proceed to any part of the work of the second or a subsequent year unless he has completed the whole of the work of, and passed the examination proper to, the preceding year or years. At the discretion of the Board of Examiners a candidate who fails to satisfy the examiners at an annual examination may be 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.

4. Practical Experience.

- (a) Candidates will be required to obtain thirty-six weeks' practical agricultural experience.
- (b) Not more than a total of twelve weeks may be spent at Roseworthy Agricultural College or other government or University centre devoted to agricultural education or research.
- (c) The balance of the 36 weeks must be spent in practical experience on private farms or on scheduled field work in agricultural areas; in general students will be expected to gain experience in a diversity of agricultural environments, and candidates should discuss their plans for practical experience with the Dean of the Faculty.
- (d) Candidates who hold the diploma of Roseworthy Agricultural College may at the discretion of the Dean be exempt from part or all of the requirements of this clause; and candidates who have had practical experience prior to the commencement of the course may apply for partial exemption from the requirements of this clause.
- (e) In the case of students undertaking National Service Training during the course, the requirement for practical experience may be reduced by up to six weeks.

5. Fees.

A. For the Ordinary Degree:

(1) For each year's work, including one annual examination	£84 0 0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject	5 5 0

Note: The cost of attendance on compulsory tours in the third and fourth years of the course is not included in the annual fee. See separate statement on page 671.

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	78 15 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

* Allowed 17th January, 1952.

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.

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

Annual Registration Fee for full-time students	-	-	£42	0	0
Annual Registration Fee for part-time students	-	-	21	0	0
On presentation or re-presentation of the thesis	-	-	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;

(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.

† Allowed 9th January, 1958.

‡ Amended 8th December, 1949, and 15th January, 1959.

*5. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations, and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Council.

** (b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates by direction of the professors or lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

‡ (d) There shall be three classifications of pass at an annual examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject, to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Engineering. Any such exemption shall hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

6. Except in case of illness or other sufficient cause allowed by the Council, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

7. No candidate shall be granted exemption from attendance at lectures or practical work in any subject, except upon grounds approved by the Council.

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.

*Amended 8th December, 1949.

**Allowed 20th December, 1956.

‡ Allowed 22nd December, 1955.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

9. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Engineering, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. No candidate who has presented the subject Surveying as partial satisfaction of the requirements for the degree of Bachelor of Science may obtain in addition the degree of Bachelor of Engineering in the Department of Civil Engineering, unless he either completes his qualifications for the degree of Bachelor of Science in subjects apart from Surveying, or passes, in addition to the subjects of the ordinary curriculum, in such further subjects of the Engineering courses as may be approved by the Faculty of Engineering.

11. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Science (Engineering) in or before the year 1944 may complete his qualifications for that degree in accordance with the regulations and schedules governing it in 1944, or with such modifications as the Council may from time to time approve.

12. A candidate who holds the degree of Bachelor of Science (Engineering) and subsequently completes the full course for the degree of Bachelor of Engineering may receive that degree on surrendering the degree of Bachelor of Science (Engineering). No fee shall be charged for admission to the second degree.

THE HONOURS DEGREE.

* 13. The Honours degree shall be available in each of the following courses:

- (i) Mining Engineering;
- (ii) 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.

* Allowed 11th November, 1954.

(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 9th January, 1958.

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

Annual Registration Fee for full-time students	-	-	£42	0	0
Annual Registration Fee for part-time students	-	-	21	0	0
On presentation or re-presentation of the thesis	-	-	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.

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, second and third years of the curriculum set out below in Civil, Electrical or Mechanical Engineering may apply for admission to the third year of the course in Aeronautical Engineering in the University of Sydney. Those who have completed only the first and second years may apply for admission to the second year of the course.

Applications, together with documentary evidence of status obtained in the University of Adelaide, should be addressed to the Registrar, the University of Sydney.

AGRICULTURAL ENGINEERING

The University of Melbourne has established a four-year degree course in Agricultural Engineering. Adelaide students who have completed the first, second and third years of the curriculum set out below in Civil, Electrical or Mechanical Engineering, may apply for admission to the third year of the course in Agricultural Engineering in the University of Melbourne. Those who have completed only the first and second years may apply for admission to the second year of the course.

Applications, together with documentary evidence of academic standing in the University of Adelaide, should be sent to the Registrar, the University of Melbourne.

Schedules made by the Council under Regulation 2
of the

DEGREE OF BACHELOR OF ENGINEERING

1. ARRANGEMENT OF COURSES.

The courses shall occupy five years of full-time study named the First, Second, Third, Fourth and Fifth Years. Details of these courses

are set out in Clauses 7 and 8. However, in the case of a candidate who is exempted from the First Year (see Clause 2), only four years of full-time study will be necessary, namely, the Second, Third, Fourth and Fifth Year courses as set out in Clause 8.

2. EXEMPTION FROM THE FIRST YEAR.

- (a) A candidate who has passed at the Leaving Honours examination of the University of Adelaide in Mathematics, Parts I and II, Physics and Chemistry will be granted exemption from General Mathematics (201), General Physics (221) and Chemistry IA (232).
- (b) Exemption from General Mathematics (201), General Physics (221) and Chemistry IA (232) may be granted to a candidate who has passed in appropriate examinations at other Universities or Institutions.

3. COMPLETION OF FIRST YEAR.

Except as provided in Clause 4, a candidate shall not proceed to any part of the work of the Second or a subsequent Year unless he has completed, or been exempted from, the whole of the work of the First Year.

4. ADDITIONAL SUBJECTS WHICH MAY BE TAKEN IN THE FIRST YEAR.

A candidate who is taking any or all of the subjects of the First Year may take subjects from the Second Year courses as follows:

- (a) A Civil, Electrical, Mechanical or Mining Engineering candidate may take any or all of the subjects Workshop Practice (1214), General Engineering (492) and First Aid (491).
- (b) A Metallurgical and Chemical Engineering candidate may take any or all of the subjects Graphics (481), General Engineering (492) and First Aid (491).

5. COMPLETION OF SECOND AND SUBSEQUENT YEARS.

It will not be necessary for a candidate to take all the subjects of the Second or a subsequent Year's course simultaneously or to complete all the subjects set out for one year before enrolling for any of the next, provided that the pre-requisite subjects have been passed. But a candidate who desires to take a Fourth Year subject before completing the Second Year, or a Fifth Year subject before completing the Third Year, must obtain the permission of the Faculty.

6. APPROVAL OF COURSES.

Each candidate must obtain the approval of the Assistant to the Dean of the Faculty for his proposed course of study.

7. FIRST YEAR COURSE.

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
201	General Mathematics	Lectures	} 15 15 0
		Tutorial	
221	General Physics	Lectures	} 15 15 0
		Practical	
232	Chemistry IA	Lectures	} 9 9 0
		Practical	

8. SECOND, THIRD, FOURTH AND FIFTH YEAR COURSES.

(a) COURSES IN CIVIL, ELECTRICAL, MECHANICAL AND MINING ENGINEERING

SECOND YEAR

Note: This course will be introduced in 1960.
Civil, Electrical, Mechanical and Mining Engineering

Subject No. in Syllabus	Subject	Hours a Week	Fee			
			£	s.	d.	
212	Mechanics	Lectures	2	15	15	0
		Tutorial				
213	Mathematics I (Engineering)	Lectures	3	15	15	0
		Tutorial				
222A	Physics A (Engineering)	Lectures	3	15	15	0
		Practical				
481	Graphics	Lectures	1	6	6	0
		Practical				
491	*First Aid	Lectures	1 ¹	3	3	0
		Practical				
492	General Engineering	Lectures	1	—	—	—
		Practical				
1214	*Workshop Practice	Lectures	3	9	15	0
		Practical				
1272	*Engineering Materials	Lectures	2	9	15	0
		Practical				

THIRD YEAR

Note: These are interim courses to be taken in 1960 by each candidate who has taken the first year of the Four-Year courses or the second year of the Five-Year courses as set out in the 1959 Calendar.

CIVIL ENGINEERING

214	Mathematics II (Engineering)	Lectures	3	15	15	0
		Tutorial				
251B	Geology I (Engineering)	Lectures	2	15	15	0
		Practical				
436	Strength of Materials	Lectures	2	12	12	0
		Practical				
445	Electrical Engineering S	Lectures	2	12	12	0
		Practical				
482	Engineering Drawing and Design	Lectures	1	6	6	0
		Practical				
491	*First Aid	Lectures	1 ¹	3	3	0
		Practical				
1272	*Engineering Materials	Lectures	2	9	15	0
		Practical				

ELECTRICAL ENGINEERING

214	Mathematics II (Engineering)	Lectures	3	15	15	0
		Tutorial				
436	Strength of Materials	Lectures	2	12	12	0
		Practical				
441	Electrical Engineering I	Lectures	4	18	18	0
		Practical				
482	Engineering Drawing and Design	Lectures	1	6	6	0
		Practical				
491	*First Aid	Lectures	1 ¹	3	3	0
		Practical				
1272	*Engineering Materials	Lectures	2	9	15	0
		Practical				

MECHANICAL ENGINEERING

214	Mathematics II (Engineering)	Lectures	3	15	15	0
		Tutorial				
436	Strength of Materials	Lectures	2	12	12	0
		Practical				
445	Electrical Engineering S	Lectures	2	12	12	0
		Practical				
482	Engineering Drawing and Design	Lectures	1	6	6	0
		Practical				
485	Production Technology	Lectures	1	6	6	0
		Practical				
491	*First Aid	Lectures	1 ¹	3	3	0
		Practical				
1272	*Engineering Materials	Lectures	2	9	15	0
		Practical				

* Lectures and practical work in this subject are at present given wholly or partially at the S.A. School of Mines and Industries.

** A candidate who holds or obtains the certificate of the St. John Ambulance Association will be granted status for this subject.

MINING ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
251	Geology I ..	Lectures	15 15 0
		Practical	9 9 0
		Tutorial	1
436	Strength of Materials	Lectures	12 12 0
		Practical	6 6 0
437	Surveying A	Lectures	6 6 0
		Practical	6 6 0
439	Survey Camp (First)	6 6 0	
445	Electrical Engineering S	Lectures	12 12 0
		Practical	6 6 0
476	Mining Trip	6 6 0	
482	Engineering Drawing and Design	Lectures	6 6 0
		Practical	6 6 0
1272	*Engineering Materials	Lectures	9 15 0
		Practical	
		Practical	

FOURTH YEAR

Note: These courses will be introduced in 1961.

CIVIL ENGINEERING

Civil Engineering I	Lectures	3	15 15 0	
	Practical	6	10 10 0	
Hydraulics A	Lectures	2	8 8 0	
	Practical	3	6 6 0	
Instrumentation	Lectures	1	6 6 0	
	Practical	3	6 6 0	
Mechanical Engineering S— Part 1: Machine Design	Lectures	2 ³	8 8 0	
	Practical	3 ³	4 4 0	
	Part 2: Theory of Machines	Lectures	1 ²	4 4 0
		Practical	3 ¹	2 2 0
<i>Either</i> Mathematics III (Engineering)	Lectures	2	15 15 0	
	Tutorial	1		
<i>Or</i> Economics (Engineering)	Lectures	2	15 15 0	
	Tutorial	1		

ELECTRICAL ENGINEERING

Hydraulics S	Lectures	1	4 4 0	
	Practical	3 ¹	2 2 0	
Mechanical Engineering S— Part 2: Theory of Machines	Lectures	1 ²	4 4 0	
	Practical	3 ¹	2 2 0	
	Part 3: Thermodynamics	Lectures	1 ²	4 4 0
		Practical	3 ¹	2 2 0
Electrical Engineering II	Lectures	4	18 18 0	
	Practical	6	12 12 0	
	Tutorial	1		
Economics (Engineering)	Lectures	2		15 15 0
	Tutorial	1		
	Lectures	2	15 15 0	
Tutorial	1			
<i>Or</i> Civil Engineering S	Lectures	2	12 12 0	
	Practical	3	6 6 0	

MECHANICAL ENGINEERING

Civil Engineering S	Lectures	2	12 12 0
	Practical	3	6 6 0
Mechanical Engineering IA	Lectures	3 ² , 2 ¹	15 15 0
	Practical	3 ² , 6 ¹	8 8 0
Mechanical Engineering IB	Lectures	2	12 12 0
	Practical	3	6 6 0
Electronics	Lectures	1	6 6 0
	Practical	3 ^a	4 4 0
<i>Either</i> Mathematics III (Engineering)	Lectures	2	15 15 0
	Tutorial	1	
<i>Or</i> Economics (Engineering)	Lectures	2	15 15 0
	Tutorial	1	

(Note: Students of outstanding academic ability are advised to devote an additional year solely to topics selected from statistics, mathematics and physics to improve their qualifications to undertake research on engineering science. Students must first be accepted by the Faculty before entering for such a course.)

* Lectures and Practical Work in this subject are at present given wholly or partially at the S.A. School of Mines and Industries.

Subject No. in Syllabus	Subject		Hours a Week	Fee		
				£	s.	d.
Geology IIA		Lectures	8 ²	12	12	0
		Practical	6 ²	8	8	0
Mining Geology		Lectures	2 ¹	4	4	0
		Practical	6 ¹	4	4	0
Civil Engineering S		Lectures	2	12	12	0
		Practical	3	6	6	0
Hydraulics B		Lectures	1	6	6	0
		Practical	3 ¹	2	2	0
Mechanical Engineering S— Part 1: Machine Design		Lectures	2 ²	8	8	0
		Practical	3 ²	4	4	0
		Lectures	1 ²	4	4	0
		Practical	3 ¹	2	2	0
Mining Engineering I		Lectures	2	12	12	0
		Practical	3	6	6	0
Mining Trip						

FIFTH YEAR

Note: These courses will be introduced in 1962.

CIVIL ENGINEERING

Civil Engineering IIA		Lectures	3, 1 ²	19	19	0
		Practical	6	12	12	0
Civil Engineering IIB		Lectures	2	12	12	0
		Practical	8	10	10	0
Civil Engineering IIC: Project and Report			150 hrs. total	10	10	0
		Survey Camp (Second)		9	9	0

ELECTRICAL ENGINEERING

Electrical Engineering IIIA		Lectures	4	18	18	0
		Practical	7	14	14	0
Electrical Engineering IIIB— Either		Lectures	2	12	12	0
		Practical	4	8	8	0
Or Electronics and Communications		Lectures	2	12	12	0
		Practical	4	8	8	0
Electrical Engineering IIIC— Project and Report			150 hrs. total	10	10	0
		Engineering Management	Lectures	3	15	15	0

MECHANICAL ENGINEERING

Mechanical Engineering IIA		Lectures	6 ¹ , 4 ¹	17	17	0
		Practical	6 ²	6	6	0
Mechanical Engineering IIB		Lectures	2 ¹ , 3 ²	16	16	0
		Practical	9 ¹ , 6 ²	14	14	0
Mechanical Engineering IIC: Project and Report			150 hrs. total	10	10	0
		Engineering Management	Lectures	3	15	15	0

MINING ENGINEERING

Ore Dressing		Lectures	1	7	10	0
		Practical	3 ¹			
Mining Engineering II		Lectures	3	15	15	0
		Practical	12	25	4	0
*Extractive Metallurgy (Mining)		Lectures	1 ²	4	4	0
		Practical	3	9	0	0

(b) COURSES IN METALLURGICAL AND CHEMICAL ENGINEERING
SECOND YEAR

Note: This course will be introduced in 1960.

213 Mathematics I (Engineering)		Lectures	3	15	15	0
		Tutorial	1			
222B *Physics B (Engineering)		Lectures	2	10	10	0
		Practical	3	6	6	0
234 Chemistry IIA		Lectures	3	15	15	0
		Practical	6	12	12	0
481 Graphics		Lectures	1	6	6	0
		Practical	3	6	6	0
491 **First Aid		Lectures	1 ¹	3	3	0
		Practical	2 ¹			
492 General Engineering		Lectures	1			
1272 *Engineering Materials		Lectures	2	9	15	0
		Practical	2			

*Lectures and Practical Work in this subject are at present given wholly or partially at the S.A. School of Mines and Industry.

** A candidate who holds or obtains the certificate of the St. John Ambulance Association will be granted status in this subject.

THIRD YEAR

Note: This course will be introduced in 1960, and must be taken by each candidate who completed the First Year of a Four-Year course or the Second Year of a Five-Year course in 1959.

Subject No. in Syllabus	Subject	Hours a Week	Fee £	Fee s.	d.
212	Mechanics	Lectures 2 Practical 1	}	15	15 0
436	Strength of Materials	Lectures 2 Practical 3		12	12 0
438	Surveying B	Lectures 1 ¹ Practical 3 ¹		2	2 0
461	Process Engineering I	Lectures 2 ² , 3 ¹		12	12 0
468	*Applied Physical Chemistry	Lectures 2 Practical 3		12	12 0
482	Engineering Drawing and Design	Lectures 1 Practical 3		6	6 0

FOURTH YEAR

Note: This course will be introduced in 1961.

Geology IA	Lectures 2 ² Practical 4 ²		8	8 0
Electrical Engineering S	Lectures 2 Practical 3		12	12 0
Mechanical Engineering S— Part 1: Machine Design	Lectures 2 ² Practical 3 ²		8	8 0
Process Engineering IIA— Unit Operations I	Lectures 2 Practical 3		12	12 0
*Process Engineering IIB— Unit Processes I	Lectures 2 Practical 3	}	10	10 0
Process Engineering IIC— Industrial Economics	Lectures 1 ²		4	4 0
*Process Control	Lectures 1 Practical 3	}	9	15 0

FIFTH YEAR

Note: This course will be introduced in 1962.

Process Engineering IIIA— Unit Operations II	Lectures 3 Practical 4		15	15 0
Process Engineering IIIB— Unit Processes II	Lectures 1 Practical 3		6	6 0
Process Engineering IIIC— Industrial Economics II (Seminar)	2		4	4 0
Process Engineering IIID— Plant Design	Practical 12		25	4 0
Mineral Dressing	Lectures 2 Practical 3 ² , 2 ¹	}	10	10 0

9. CONTINUATION OF COURSES OFFERED IN 1959.

The following courses will be given in 1960:

MINING ENGINEERING

FOURTH YEAR

253	Geology IIA	Lectures 2 ² Practical 6 ²		8	8 0
256	Mining Geology	Lectures 2 ¹ Practical 6 ¹		4	4 0
431	Civil Engineering I	Lectures 2 Practical 6 ¹ , 3 ²		12	12 0
434	Hydraulics	Lectures 1 Practical 3 ¹		6	6 0
451	Mechanical Engineering I— Part A	Lectures 2 ² , 3 ¹ Practical 6 ¹ , 3 ²		14	14 0
471	Mining Engineering I	Lectures 2		8	8 0
1008	*Surveying IA	Lectures 1 Practical 3	}	12	12 0
				9	15 0

* Lectures and Practical Work in this subject are at present given wholly or partially at the S.A. School of Mines and Industries.

		FIFTH YEAR		
Subject No. in Syllabus	Subject		Hours a Week	Fee £ s. d.
467	Ore Dressing	Lectures	1	} 7 10 0
		Practical	3 ¹	
472	Mining Engineering II	Lectures	3	15 15 0
		Practical	12	25 4 0
461A	*Extractive Metallurgy (Mining)	Lectures	1 ²	4 4 0
1271	*Assaying	Practical	3	9 0 0

METALLURGICAL AND CHEMICAL ENGINEERING

		FOURTH YEAR		
445	Electrical Engineering S	Lectures	2	12 12 0
		Practical	3	6 6 0
451	Mechanical Engineering I— Part A	Lectures	2 ² , 3 ¹	14 14 0
		Practical	6 ¹ , 3 ²	8 8 0
462A	Process Engineering IIA— Unit Operations I	Lectures	2	12 12 0
		Practical	3	6 6 0
462B	*Process Engineering IIB— Unit Processes I	Lectures	2	} 10 10 0
		Practical	3	
462C	Process Engineering IIC— Industrial Economics I	Lectures	1 ²	4 4 0
464	*Process Control	Lectures	1	} 9 15 0
		Practical	3	

		FIFTH YEAR		
463A	Process Engineering IIIA— Unit Operations II	Lectures	3	15 15 0
		Practical	4	8 8 0
463B	*Process Engineering IIIB— Unit Processes II	Seminar	3	9 0 0
463C	Process Engineering IIIC— Industrial Economics II	Seminar	2	4 4 0
463D	Process Engineering IIID— Plant Design	Practical	12	25 4 0
466	Mineral Dressing	Lectures	2	} 10 10 0
		Practical	3 ²	
		Seminar	2 ¹	

CIVIL, ELECTRICAL AND MECHANICAL ENGINEERING

Four-Year courses for students who have attained an approved standard in Leaving Honours Mathematics, Physics and Chemistry.

		THIRD YEAR		
		CIVIL ENGINEERING		
251B	Geology I (Engineering)	Lectures	2	15 15 0
		Practical	2	6 6 0
		Tutorial	1	—
431	Civil Engineering I	Lectures	2	12 12 0
		Practical	6 ¹ , 3 ²	8 8 0
434	Hydraulics	Lectures	1	6 6 0
		Practical	3 ¹	2 2 0
451	Mechanical Engineering I— Part A	Lectures	2 ² , 3 ¹	14 14 0
		Practical	6 ¹ , 3 ²	8 8 0
491	**First Aid	Lectures	1 ¹	} 3 3 0
		Practical	3 ¹	

		ELECTRICAL ENGINEERING		
442	Electrical Engineering II	Lectures	3	15 15 0
		Practical	5	10 10 0
451	Mechanical Engineering I— Part A	Lectures	2 ² , 3 ¹	14 14 0
		Practical	6 ¹ , 3 ²	8 8 0
491	**First Aid	Lectures	1 ¹	} 3 3 0
		Practical	3 ¹	
431	<i>Either</i> Civil Engineering I	Lectures	2	12 12 0
		Practical	6 ¹ , 3 ²	8 8 0
434	Hydraulics	Lectures	1	6 6 0
		Practical	3 ¹	2 2 0
<i>Or (subject to the approval of the Faculty in each case)</i>				
225	Physics III	Lectures	3	15 15 0
		Practical	6	17 17 0

* Lectures and Practical Work in this subject are at present given wholly or partially at the S.A. School of Mines and Industries.

** A candidate who holds or obtains the certificate of the St. John Ambulance Association will be granted status in this subject.

MECHANICAL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
431	Civil Engineering I	Lectures 2	12 12 0
		Practical 6 ¹ , 3 ²	8 8 0
434	Hydraulics	Lectures 1	6 6 0
		Practical 3 ¹	2 2 0
451	Mechanical Engineering I—		
	Part A	Lectures 2 ² , 3 ¹	14 14 0
		Practical 6 ¹ , 3 ²	8 8 0
	Part B	Lectures 1	6 6 0
		Practical 3 ²	4 4 0
491	**First Aid	Lectures 1 ¹	} 3 3 0
		Practical 3 ¹	

FOURTH YEAR

The fourth-year courses under this schedule are the same as the fifth-year courses under the five-year schedule.

Five-year courses for students who have not attained an approved standard in Leaving Honours Mathematics, Physics and Chemistry.

FOURTH YEAR

CIVIL ENGINEERING

251B	Geology I (Engineering)	Lectures 2	15 15 0
		Practical 2	6 6 0
		Tutorial 1	—
431	Civil Engineering I	Lectures 2	12 12 0
		Practical 6 ¹ , 3 ²	8 8 0
434	Hydraulics	Lectures 1	6 6 0
		Practical 3 ¹	2 2 0
451	Mechanical Engineering I—		
	Part A	Lectures 2 ² , 3 ¹	14 14 0
		Practical 6 ¹ , 3 ²	8 8 0

ELECTRICAL ENGINEERING

442	Electrical Engineering II	Lectures 4	18 18 0
		Practical 6	12 12 0
451	Mechanical Engineering I—		
	Part A	Lectures 2 ² , 3 ¹	14 14 0
		Practical 6 ¹ , 3 ²	8 8 0
	<i>Either</i>		
431	Civil Engineering I	Lectures 2	12 12 0
		Practical 6 ¹ , 3 ²	8 8 0
434	Hydraulics	Lectures 1	6 6 0
		Practical 3 ¹	2 2 0
	<i>Or (subject to the approval of the Faculty in each case)</i>		
225	Physics III	Lectures 3	15 15 0
		Practical 6	17 17 0

MECHANICAL ENGINEERING

431	Civil Engineering I	Lectures 2	12 12 0
		Practical 6 ¹ , 3 ²	8 8 0
434	Hydraulics	Lectures 1	6 6 0
		Practical 3 ¹	2 2 0
451	Mechanical Engineering I—		
	Part A	Lectures 2 ² , 3 ¹	14 14 0
		Practical 6 ¹ , 3 ²	8 8 0
	Part B	Lectures 1	6 6 0
		Practical 3 ²	4 4 0

FIFTH YEAR

CIVIL ENGINEERING

432	Civil Engineering II—		
	Part A	Lectures 3	15 15 0
		Practical 6	12 12 0
	Part B	Lectures 2	12 12 0
		Practical 3	16 16 0
	Part C: Project Report		
440	Survey Camp (Second)		9 9 0
493	Industrial Engineering	Lectures 2	12 12 0

** A candidate who holds or obtains the certificate of the St. John Ambulance Association will be granted status in this subject.

ELECTRICAL ENGINEERING				Hours	Fee	
Subject No. in Syllabus	Subject			a Week	£	s. d.
443	Electrical Engineering III—					
	Part A: Electrical Engineering Theory	Lectures	.....	3	15	15 0
	Part B: <i>Either</i>					
	Electrical Power	Lectures	.....	3	15	15 0
		Tutorials	.....	3	9	9 0
		Practical	.....	9	18	18 0
	<i>Or</i>					
	Electronics and Communications	Lectures	.....	3	15	15 0
		Tutorials	.....	3	9	9 0
		Practical	.....	9	18	18 0
444	Electrical Engineering Project—					
	Seminars and Experimental Investigations				6	6 0
493	Industrial Engineering	Lectures	.....	2	12	12 0
MECHANICAL ENGINEERING						
452	Mechanical Engineering II—					
	Part A: Thermodynamics	Lectures	.....	3 ¹ , 2 ¹	10	10 0
		Practical	.....	3 ²	4	4 0
	Fluid Mechanics	Lectures	.....	2 ² , 1 ¹	10	10 0
		Practical	.....	3 ²	4	4 0
	Part B: Theory of Machines	Lectures	.....	2 ¹ , 1 ²	8	8 0
		Practical	.....	3 ¹	2	2 0
	Machine Design II	Lectures	.....	2 ²	8	8 0
		Practical	.....	6	12	12 0
	Part C: Thesis					
493	Industrial Engineering	Lectures	.....	2	12	12 0

ARCHITECTURAL ENGINEERING

These schedules apply only to candidates who had entered the course for the degree of Bachelor of Engineering in Architectural Engineering in or before the year 1957, and who seek to complete the degree before December 31, 1965, in accordance with the regulations and schedules governing it in 1957.

THIRD YEAR

251	Geology I	Lectures	.....	2	15	15 0
		Practical	.....	4	9	9 0
401	*Architectural Theory Construction and Practice I	Lectures	.....	1	9	15 0
		Practical	.....	3		
412	*Architectural Design II	Lectures	.....	6	11	5 0
436	Strength of Materials	Lectures	.....	2	12	12 0
		Practical	.....	3	6	6 0
491	**First Aid	Lectures	.....	1 ¹	3	3 0
		Practical	.....	3 ¹		

FOURTH YEAR

402	*Architectural Theory Construction and Practice II	Lectures	.....	3 ² , 2 ¹	10	10 0
		Practical	.....	3		
413	*Architectural Design III	Lectures	.....	6	11	5 0
431	Civil Engineering I	Lectures	.....	2	12	12 0
		Practical	.....	6 ¹ , 3 ²	8	8 0
1008	*Surveying IA	Lectures	.....	1	9	15 0
		Practical	.....	3		

FIFTH YEAR

403	*Architectural Theory Construction and Practice III	Lectures	.....	3	11	5 0
		Practical	.....	3		
419	*Architectural Thesis	Lectures	.....	8	12	15 0
435	†Structural Design	Practical	.....	8	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.

* Lectures and Practical Work in this subject are at present given wholly or partially at the S.A. School of Mines and Industries.

** A candidate who holds or obtains the certificate of the St. John Ambulance Association will be granted status in this subject.

† This subject is not required by the Royal Australian Institute of Architects in its recognition of this course.

10. PRACTICAL EXPERIENCE.

- (a) General: Except in special circumstances approved by the Faculty, of the six months' practical experience required under Regulation 4 (b), at least three months must be other than routine work, such as assaying or drawing.
- (b) National Service Training: A candidate attending National Service or Commonwealth Military Force training may be permitted to count such training, up to a maximum period of three months, as part of his required practical experience.
- (c) Mining Engineering: The compulsory practical experience approved for a Mining Engineering candidate under Regulation 4 (b) should be arranged as follows:
 - First Year: Long Vacation — Workshop Practice — for not less than 8 weeks.
 - Second Year: Long Vacation — Practical Mining Experience — for not less than 8 weeks.
 - Third Year: August Vacation — Mining Trip (476). Long Vacation — Practical Mining Experience — for not less than 8 weeks.
 - Fourth Year: August Vacation — Mining Trip (476).
- (d) Metallurgical and Chemical Engineering: The compulsory practical experience approved for a Metallurgical and Chemical Engineering candidate under Regulation 4 (b) should be arranged as follows:
 - First Year: Long Vacation — Workshop Practice — for not less than 8 weeks.
 - Second Year: Long Vacation — 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.

11. HONOURS DEGREE IN ENGINEERING.

A candidate for the Honours Degree in Mining, Metallurgical and Chemical, Electrical, Mechanical or Civil Engineering under Regulation 14 shall complete the full course for the final year of his respective course, and in addition the following courses:

Honours Lectures—2 hours a week	-	-	-	-	£15 15 0
Laboratory Project—250 hours total	-	-	-	-	15 15 0

12. FEES.

- (a) For attendance at lectures, practical work and annual examination the fees shall be those prescribed in the schedule of subjects for the degree (see Clauses 7 and 8 above for the Ordinary degree and Clause 11 above for the Honours degree).
- (b) For a special examination (theoretical or practical or both) in any University subject the fee shall be five guineas.
- (c) The fees for subjects and examinations of the South Australian School of Mines and Industries shall be as prescribed by that institution.
- (d) The cost of attendance on excursions and/or at camps is not included in the fees listed above. See separate statement on page 671.

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. (i) To qualify for the Ordinary degree of Bachelor of Laws a candidate shall—

(a) pass in the following subjects:

- (i) Elements of Law (501);
- (ii) Constitutional Law I (502);
- (iii) Criminal Law and Procedure (503);
- (iv) The Law of Contract (504);
- (v) The Law of Torts (505);
- (vi) The Law of Property (506);
- (vii) Constitutional Law II (507);
- (viii) Jurisprudence (508);
- (ix) Roman Law (509) *or* International Law (510);
- (x) Legal History (511);
- (xi) Equity (512);
- (xii) Mercantile Law I (513);
- (xiii) Private International Law (514) *or* Family Law (515);
- (xiv) Mercantile Law II (516) *or* Administrative, Local Government and Industrial Law (517);
- (xv) The Law of Evidence and Procedure (518);

(b) pass in two subjects, other than the Science subjects, available for the Ordinary degree of Bachelor of Arts and approved by the Faculty of Law: a candidate who has not in the opinion of the Faculty attained a sufficient standard in British History may be required to take History IC as one of these two subjects; and

(c) produce a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics and Accounts.

(2) A graduate in Arts of the University or of any other University recognised by the University shall be granted status for the two subjects prescribed in sub-section (b) of section (1) of this regulation.

(3) A course in Taxation Law (519) will be available as a post-graduate subject. In special circumstances, students may, subject to the approval of the Faculty, attend this course in their final year.

*3A. (1) To qualify for the Honours degree of Bachelor of Laws a candidate shall—

* Awaiting allowance at time of printing.

- (a) pass at the first attempt in all subjects required for the Ordinary degree of Bachelor of Laws; provided that in exceptional cases the Faculty may waive the requirement of passing at the first attempt.
- (b) of the aforesaid subjects, excluding the two Arts subjects under Regulation 3 (1) (b), 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 Regulations 18 and 19 of these Regulations, may be awarded the Honours degree of Bachelor of Laws if the Council so decides, notwithstanding that he has not completely satisfied the requirements of sub-Regulation (1) of this Regulation.

4. To obtain the Final Certificate in Law a candidate shall

- (a) pass in all the following subjects:
 - (i) Elements of Law,
 - (ii) Constitutional Law I,
 - (iii) Criminal Law and Procedure,
 - (iv) The Law of Contract ,
 - (v) The Law of Torts,
 - (vi) The Law of Property,
 - (vii) Equity,
 - (viii) Mercantile Law,
 - (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 and Accounts.

*5. Except by special permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite subject or subjects prescribed by the Faculty from time to time and set out in the syllabus for the subject concerned.

*5A. Without the special permission of the Faculty, no candidate may enrol for lectures in Legal Ethics and Accounts until he has completed three years of a degree or final certificate course.

* Awaiting allowance at time of printing.

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 Law, and all subjects in which he has passed while in the one class will be credited to him in the other.

*10A. Without special permission of the Faculty, no student enrolled for the degree of Bachelor of Laws may enrol or submit for examination in more than three subjects in any one year during the first three years of the course if he is engaged in any activity or employment (whether for reward or not) which requires regular attention in the day-time of any day on which lectures are held for courses in which the student seeks enrolment.

*11. There shall be three classifications of pass at an annual or supplementary examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order.

The results of all annual and supplementary examinations in Law shall be transmitted by the Registrar to the Chief Justice of the Supreme Court of South Australia.

* Allowed 22nd December, 1955.

** Allowed 28th July, 1959.

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.

††18. A candidate who passed in Mercantile Law under the Regulation 3 in force in 1959 will be given status for the subject Mercantile Law I under the current Regulation 3; a candidate who passed or passes in The Law Relating to Companies, Partnership, Bankruptcy and Divorce under Regulation 3 in force in 1959 will be given status in Mercantile Law II under the current Regulation 3.

††19. A candidate may, at any time, apply to the Faculty of Law for status under these Regulations and shall be granted such status thereunder as the Faculty may in each case determine.

FOOTNOTES (which do not form part of the Regulations).

(1) The Faculty of Law recommends:

(a) that candidates for the LL.B. degree take their subjects according to the following scheme:

First Year: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); two Arts subjects.

Second Year: The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507).

† Allowed 20th December, 1956.

‡ Allowed 18th October, 1956

†† Awaiting allowance at time of printing.

Allowed 22nd January, 1953.

Third Year: Jurisprudence (508); Roman Law (509) or International Law (510); Legal History (511); Equity (512); Mercantile Law I (513).

Fourth Year: Private International Law (514) or Family Law (515); Mercantile Law II (516) or Administrative, Local Government and Industrial Law (517); The Law of Evidence and Procedure (518).

(b) that candidates for the Final Certificate take their subjects according to the following scheme:

First Year: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503).

Second Year: The Law of Contract (504); The Law of Torts (505); The Law of Property (506).

Third Year: Equity (512); Mercantile Law.

Fourth Year: The Law Relating to Companies, Partnership, Bankruptcy and Divorce (520); The Law of Evidence and Procedure (518).

(2) For the purpose of Regulation 3 (1) (b) above the Faculty has approved as Arts subjects, without application by the student—

Greek I, Latin I, French I, German I, English I, Philosophy I, General Mathematics or Mathematics I, Ancient History, History IA or History IB or History IC, Psychology IA or I, Geography I, Social Economics, Politics I.

Special application must be made to the Faculty for permission, which may be granted on such conditions as the Faculty thinks fit, to take subjects other than these.

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	-	-	-	-	-	-	-	15	15	0
C. For attendance at the course of lectures in Legal Ethics and Accounts	-	-	-	-	-	-	-	5	5	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	-	-	-	-	-	-	-	15	15	0
G. For the Final Certificate	-	-	-	-	-	-	-	5	5	0
H. For a supplementary examination in any subject	-	-	-	-	-	-	-	5	5	0
J. For attendance at the course of lectures in Taxation Law	-	-	-	-	-	-	-	7	17	6

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

¹ The Board of Examiners of the Supreme Court of South Australia.

(b) served under articles for at least one year after obtaining, or becoming qualified to receive, the same shall be eligible for admission after serving under articles for not less than two years.

8. In the case of a person articulated to a practitioner practising in the country one year of the period of articles prescribed by the preceding Rule may be served with the Adelaide agent of such practitioner, and the employment of the clerk as a *bona fide* pupil of the Adelaide agent, or his partner (if any) for such period of one year shall be deemed to be service under his articles of clerkship.

9. Any period during which a clerk has been or has acted as associate to a Judge of the Supreme Court of the State may be deemed by the Board to be a period served as an articulated clerk to a practitioner.

10. No articles of clerkship shall bind a clerk to service after he has been admitted as a practitioner.

ENTRY INTO ARTICLES OF CLERKSHIP

11. No person may enter into articles of clerkship unless

- (a) he has been matriculated, and has passed the Intermediate Examination in Law at the University;
- (b) he has given to the 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 articulated 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

¹The Master of the Supreme Court of South Australia.

²The Law Society of South Australia Incorporated.

- (b) serve on the ¹Law Society a copy of the said affidavit and of any decision or determination of the Board given or made pursuant to Rule 22 (2), or to the proviso to Rule 7.

SERVICE UNDER ARTICLES.

16. No clerk shall be articulated 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 articulated clerks serving under articles at the same time.

18. No practitioner shall take, or retain any articulated 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 articulated 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 articulated; 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 articulated.

Provided that (for the purposes of clause (b) or (c) as the case may be) the partner or practitioner shall have been in practice in this State as a principal for a continuous period of five years.

(2) The Assistant Crown Solicitor shall for the purpose of this Rule be deemed to be a partner of the Crown Solicitor for the State.

20. (1) No articulated clerk shall during the period of his articles pursue any occupation or business other than the proper business of the practitioner to whom he is articulated or his partner (if any).

(2) A clerk articulated to the Crown Solicitor of the State, or the Deputy Crown Solicitor for the Commonwealth in this State, shall not be deemed to pursue any such occupation or business by reason merely of the fact that he is a public servant.

21. Absence on duty as a member of the naval, military, or air forces of the Commonwealth of Australia under the National Service Act 1951-1953 or otherwise shall not terminate a clerk's articles, but any period of such service which exceeds sixteen days in any one year shall not be deemed service under articles unless the Court otherwise determines.

APPLICATIONS AND APPEALS

41. Applications for admission shall be made only on the first Tuesday in the month of March, and on the first Monday in the months of June and October in each year, and on such other days as the Court may specially appoint.

EXEMPTIONS

46. The Court, if under special circumstances it thinks fit so to do, may exempt any person from compliance, or further compliance with any of these Rules either entirely, or partially, or subject to conditions.

¹The Law Society of South Australia Incorporated.

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.

* Allowed 18th October, 1956. † Repealed 10th December, 1930.
Allowed 12th December, 1907.

Schedule of Fees prescribed by the Council under Regulation 6

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

OF THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY REGULATIONS

1. The course of study for the degrees of Bachelor of Medicine and Bachelor of Surgery shall extend over six years after matriculation.

2. To qualify for the degrees a candidate shall

- (a) attend lectures and do written and laboratory or other practical work to the satisfaction of the Professors or Lecturers concerned;
- (b) pass an annual examination at the end of 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

* Amended 20th December, 1956, and 9th January, 1958.

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.

A. Lectures, Practical Work, etc.

During the first year the student shall attend courses of lectures and practical work in (a) Physics, (b) Chemistry, (c) Biology, and undertake a course of study in Medicine and the Humanities.

During the second year the student shall

- (a) attend a course of lectures and demonstrations in Anatomy, and dissect during the whole academic year;
- (b) attend courses of lectures and practical work in Histology and Embryology;
- (c) attend a course of lectures and practical work in Biochemistry;
- (d) attend a course of lectures and practical work in Physiology.

During the third year the student shall

- (a) attend a course of lectures and practical work in Anatomy, including surface, surgical and radiological anatomy;
- (b) attend a course of lectures and practical work in Neurology;

- (c) attend courses of lectures and practical work in Physiology, Applied Physiology and Pharmacology.
- (d) during the third term attend such courses of instruction in introductory clinical work, including General Pathology, Bacteriology, Normal Psychology, Public Health, Anaesthetics, and Human Genetics, as may be prescribed by the Faculty; and attend at the Royal Adelaide Hospital for clinical tutoring as directed by the Faculty.

During the fourth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine and Medical Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and in Clinical Surgery (including Radiology);
- (d) attend a course of instruction and practical work in General Pathology in the first two terms, and in Special Pathology in the third term;
- (e) attend a course of instruction and practical work in Bacteriology in the first two terms;
- (f) attend a course of lectures in Applied Physiology and Pharmacology in the first two terms;
- (g) attend a course of instruction in Practical Pharmacy, Pharmaceutical Materia Medica and Posology and complete it to the satisfaction of the Lecturer therein;
- (h) attend at least forty *post-mortem* examinations.

During the fifth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine including Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and Clinical Surgery at the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (d) attend a course of lectures in Obstetrics and Gynaecology;
- (e) attend a course of lectures in Ophthalmology;
- (f) complete the course of instruction and practical work in Special Pathology;
- (g) attend a course of lectures and demonstrations in Public Health and Preventive Medicine;
- (h) attend a course of lectures in Forensic Medicine;
- (i) attend courses of lectures in the Medical and Surgical Diseases of Children, including three demonstrations at Mareeba Babies' Hospital;
- (j) complete a course of instruction in Venereal Diseases including six attendances at the Venereal Clinic at the Royal Adelaide Hospital;
- (k) complete a course of instruction consisting of 12 attendances at the Metropolitan Infectious Diseases Hospital or other institution approved by the Faculty;
- (l) attend at least forty *post-mortem* examinations;
- (m) attend the Interim Examination in Clinical Surgery.

During the sixth year the student shall

- (a) attend courses of lectures in Clinical Medicine and in Clinical Surgery;
- (b) attend the course of lectures on the Diseases of the Ear, Nose, and Throat;
- (c) attend a course of lectures and clinical demonstrations in Psychological Medicine;
- (d) attend a course of instruction in Pulmonary Tuberculosis, consisting of six lecture-demonstrations and six attendances at the Outpatients' Department of the Pulmonary Tuberculosis Department;
- (e) attend a course of instruction in Anaesthetics at the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (f) attend a course of instruction in Dentistry at the Dental Department of the Royal Adelaide Hospital;
- (g) attend a course of lectures in the Principles of Medical Practice, including Medical Ethics and Life Assurance;
- (h) attend the Interim Examination in Clinical Medicine.

B. Clinical Instruction.

During the Fourth, Fifth and Sixth Years the student shall:

- (a) attend the medical and surgical practice of the Royal Adelaide Hospital and/or the Queen Elizabeth Hospital in the wards and in the out-patients' department; and receive tutorial instruction in Medicine and Surgery;
- (b) perform the duties of a medical clerk for 33 weeks;
- (c) perform the duties of a surgical dresser for 33 weeks;
- (d) hold the office of medical clerk in the outpatients' department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for two days a week during 11 weeks;
- (e) hold the office of surgical dresser in the outpatients' department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for two days a week during 11 weeks;
- (f) attend for 6 weeks the gynaecological practice of the Royal Adelaide Hospital or the Queen Elizabeth Hospital in the wards and in the out-patients' department;
- (g) reside for at least 7 weeks in the Queen Victoria Maternity Hospital or the Queen Elizabeth Hospital (Maternity Section) for clinical work in Obstetrics, and attend during this period on at least five occasions at an approved Infant Welfare Clinic;
- (h) hold for at least 5 weeks each the offices of medical clerk and surgical dresser at the Adelaide Children's Hospital; and reside for at least one week in that hospital;
- (i) attend for two sessions a week during 5 weeks the practice of the Ophthalmological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (j) attend two sessions a week during 5 weeks the practice of the Ear, Nose and Throat Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (k) attend on 10 occasions the practice of the Dermatological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital.

II. SCHEDULE OF EXAMINATIONS MADE BY THE COUNCIL UNDER REGULATION 4.

1. At the First Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

1. Physics (531)
2. Chemistry (532)
3. Biology (269).
4. Medicine and the Humanities (534). (Candidates must satisfy the examiner in this subject before being permitted to proceed with the work of the Third Year of the course.)

2. At the Second Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

1. Biochemistry (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 - | £100 0 0 |
| (2) In each of the fourth, fifth and sixth years - | 90 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 Hospitalical clinical year extends from 1st February until 20th October, but during vacation students may attend at the Hospital for clinical work under the honorary and resident staff.
6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Board, and shall, on dismissal, forfeit all payments which he may have made and all right accruing therefrom.

Clerks and Dressers.

7. Every Clerk and Dresser shall—
 - (a) be appointed every term, and may apply for appointment under any Honorary Officer; appointments shall be allotted by the Medical Superintendent, who will be guided by the result of the University examinations;
 - (b) attend at 8.30 a.m. and sign his name in a book provided for that purpose; the book shall be removed at 9.15 a.m. for inspection by the Registrar, to whom any failure to attend must be explained;
 - (c) at 9 a.m. attend the wards and accompany his Honorary Officer during his visits, and on other days his Resident Medical Officer when making his round of the wards in the morning; assist him and be under his immediate supervision, and perform any surgical dressings or pathological examinations as directed by him; assist the Surgeon and the House Surgeon in operations upon cases allotted to him; at 12.30 p.m. leave the wards, to which he may return at 1.30 p.m.;
 - (d) take the new cases allotted to him in turn (these must be recorded within twenty-four hours of admission); make subsequently, at least twice a week, written notes to be read by the Honorary Officer, if required;
 - (e) attend the out-patient practice of the Hospital when directed by the Medical Superintendent and do whatever work may be required of him;
 - (f) attend post-mortem examinations, and if in charge of the case while in the ward assist the Pathologist in the examination;
 - (g) in his capacity as a student, if a clinical clerk, and under the direction of, and in the presence of the Pathologist, carry out any post-mortem examination required of him (a record of the examinations made by him will be kept in the attendance-book at the mortuary);
 - (h) if present at a post-mortem examination, sign his name in the attendance-book, which will be countersigned by the Pathologist.
 - (i) at the end of each term, if he has fulfilled these conditions, obtain certificates signed by his Honorary Officers, and at the end of the year by the Medical Superintendent, and countersigned by the Chairman of the Board; if the conditions have not been fulfilled the Dean of the Faculty of Medicine shall be informed.

Resident Dressers for Casualty Duties.

8. The group of dressers allotted to the Honorary Surgeons shall, during the period the surgeon is taking in cases, be appointed to the following Hospital duties:—
9. Two such dressers shall be permitted to reside in the Hospital and be on duty from 5 p.m. to 9 a.m.
10. There shall be two dressers of the group on casualty duty each day from 9 a.m. to 1 p.m., and two from 1 p.m. to 5 p.m.
11. Each dresser during his term of Hospital duties shall be under the supervision of the Admitting Medical Officer, and shall not administer any treatment except when directed by him.

12. Dressers when performing casualty duties shall—
 (a) assist the Admitting Medical Officer in the Casualty Room;
 (b) examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;
 (c) attend or assist at emergency operations, as directed by the Medical Superintendent;
 (d) write, at the dictation of the Admitting Medical Officer, a summary of investigation and emergency treatment carried out, and submit such to the Resident Medical Officer to whom the patient is assigned.
13. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.
14. }
 15. } Suspended.
 16. }
17. Every medical student shall pay to the University the following fees for admission to the practice of the Royal Adelaide Hospital, as determined by the Hospital Board, viz.
- (1) For clinical instruction by the Honorary Staff:—
 £17/17/0 per annum in each of the 4th, 5th and 6th years of the course.
- (2) For the clinical practice of the Hospital (including instruction in Dentistry and material supplied for use in operating theatres):—
 £7/7/0 per annum in each of the 4th, 5th and 6th years of the course.
 Approved by the Council, 1925 and 1933.

INSTITUTE OF MEDICAL AND VETERINARY SCIENCE

RULES FOR MEDICAL STUDENTS

1. The Adelaide Medical Students' Society shall early in each academic year appoint a Committee which shall be responsible for the care of any property at the Institute of Medical and Veterinary Science used by medical students. One of the members of the Committee shall be appointed secretary of the Committee. The members of the Committee shall hold office until their successors are appointed.
2. The names of the members of the Committee shall be forwarded annually by the secretary of the Committee to the Registrar of the University and the Secretary of the Institute.
3. In the event of damage being caused by students to the grounds or property of the Institute, the Secretary of the Institute shall at once report the fact to the Secretary of the Committee.
4. The members of the Committee shall consider any report given under paragraph 3 and if satisfied that the damage reported has been caused by students shall hold themselves responsible to make good the damage to the satisfaction of the Director of the Institute.
5. If the members of the Committee are not satisfied that the damage has been caused by students they shall inform the Secretary of the Institute and report at once to the Registrar of the University in order that he may arrange a conference between them and representatives of the Council of the Institute. If no understanding is then reached a joint letter from the conference shall be sent to the Board of Discipline.
6. No student may introduce visitors into the Institute without the permission of the Director of the Institute.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ADELAIDE CHILDREN'S HOSPITAL

Medical students of the University are admitted to the practice of the Adelaide Children's Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that the Board of Management may make from time to time:—

1. Students may attend the practice of the Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon, and at other times if they have obtained the permission of one of the Visiting or Resident Medical Officers.
- They shall carry out their duties in the wards and outpatients' department in a manner similar to that indicated in the rules for the Royal Adelaide Hospital.
2. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.
3. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.
4. The fees to be paid are as follows:—
- | | | | | | | | | |
|--|---|---|---|---|---|----|---|---|
| For three months' course | - | - | - | - | - | £1 | 1 | 0 |
| For perpetual attendance | - | - | - | - | - | 2 | 2 | 0 |
| (These fees are to be paid to the Secretary of the Hospital.) | | | | | | | | |
| For instruction in the medical and surgical practice of the hospital | - | - | - | - | - | 3 | 3 | 0 |
5. Certificates of attendance signed by the Resident Medical Officer are issued after approval of the Medical Committee of the Board of Management

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE QUEEN VICTORIA MATERNITY HOSPITAL

Medical students of the fourth, fifth, and sixth years are admitted to the practice of the Queen Victoria Maternity Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that may from time to time be made by the Council of the University in conjunction with the Committee of the Hospital.

1. Students shall reside in the Hospital for a period of four weeks during the fourth year, four weeks during the fifth year, and two weeks during the sixth year, and shall carry out such duties in the wards and in the ante- and post-natal departments as are required by the Director in Obstetrics and the Honorary Medical Officers in charge.
2. No student may publish the report of any case without the authority of the Director and of the Honorary Medical Officer under whose care the patient has been.

3. No student may introduce visitors into the Hospital without the permission of the Resident House Surgeon or in his absence of the Matron of the Hospital.

4. The fees to be paid are as follows:—

(a) For board and residence in the Hospital at the rate of 69/9 a week;

(b) for clinical work at the Hospital at the rate of £1 1/- for each four weeks in residence at the Hospital.

These fees are to be paid to the University on behalf of the Hospital, and each student must produce to the Matron a receipt for such fees before being allowed to start work in the Hospital each year.

5. Students shall be responsible for having the obstetric attendance cards obtained from the University signed by the Director and the Honorary Medical Officers, the Tutors, and the House Surgeons, or the Matron at the Hospital as required, and these signatures shall be obtained within ten days of completing such term of residence in the Hospital.

6. During their attendance at and residence in the Hospital, students shall conform to such rules of conduct as may be laid down from time to time by the Committee of the Hospital.

7. An Investigation Committee for students at the Hospital shall be constituted, of which the Director of Obstetrical Studies and one of the Senior Honorary Medical Officers of the Hospital shall be members, together with at least one other member appointed by the Committee of Management of the Hospital.

8. If any student infringes any of these rules or otherwise misconducts himself he may be temporarily suspended by the Director or the Medical Officer in charge, and such Medical Officer shall at once notify the Director of Obstetrical Studies, in order that the complaint may be considered by the Investigation Committee of the Hospital.

This Committee shall decide whether the offence merits admonition, fine, suspension for a certain time, or dismissal from the Hospital; and shall report its decision to the Board of Discipline of the University.

Provided always that should the decision of the Investigation Committee be suspension for a period or dismissal from the Hospital, the decision shall first be referred to the Committee of Management of the Hospital for confirmation or otherwise. If such decision be confirmed by the Committee of Management, it shall be reported to the Board of Discipline of the University, together with the grounds on which such decision has been taken.

9. (a) The Board of Discipline of the University shall have no power to vary such decision, but it may suggest to the Investigation Committee a variation of the penalty. The Board shall in all cases consider whether any further action shall be taken by the University.

(b) If suspension or dismissal by the Committee of the Hospital results in the student being unable to qualify to enter for his next examination in due course, the Board of Discipline, if it thinks fit, may recommend to the Faculty of Medicine that arrangements be made, if possible, for the student to do equivalent work elsewhere and thereby qualify to present himself for the next or such later examination as the Faculty may decide.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF
THE "MAREEBA" BABIES' HOSPITAL,
THE BEDFORD PARK SANATORIUM,
THE MORRIS HOSPITAL,
THE NORTHFIELD WARDS OF THE ROYAL ADELAIDE HOSPITAL.

Medical students of the University are admitted to the practice of the above Hospitals under the conditions hereinafter mentioned, and subject to any fresh rules that may from time to time be made by the Council of the University in conjunction with the Director-General of Medical Services:—

1. Each medical student admitted to the practice of the Hospital shall be under the control of the medical administrator or of the Medical Superintendent.

2. No student may publish the report of any case without the written permission of the medical officer under whose care the patient is or has been.

3. No student may introduce visitors into the Hospital without the permission of the medical administrator or of the Medical Superintendent.

4. Students shall discharge the duties assigned to them and pay for or replace any article damaged or lost or destroyed by them through negligence.

5. Certificates of attendance shall be signed for the Medical Diseases of Children, by the Clinical Lecturer; for attendance at the Bedford Park Sanatorium and the Morris Hospital, by the physician to whom the student has been attached as a Clinical Clerk; for the practice of the Northfield Wards of the Royal Adelaide Hospital, by the Tutor in Infectious Diseases.

6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Director-General of Medical Services and shall, on dismissal, forfeit all payments which he may have made and all rights accruing therefrom.

‡ OF THE HONOURS DEGREE OF BACHELOR OF MEDICAL
SCIENCE
REGULATIONS

‡1. There shall be an Honours degree of Bachelor of Medical Science which may be obtained in one of the following schools: (a) Anatomy, (b) Biochemistry, (c) Physiology, (d) Genetics, (e) Bacteriology, (f) General Pathology, (g) Pharmacology.

‡ Allowed 15th January, 1959.

‡2. (a) A candidate for the degree in Anatomy, Biochemistry, Physiology or Genetics shall have passed the Third Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, and shall be deemed by the Head of the Department concerned to be a suitable candidate for advanced work. A candidate for the degree in Genetics shall also have passed in Genetics I.

(b) A candidate for the degree in Bacteriology, General Pathology or Pharmacology shall have passed the Fourth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, and shall be deemed by the Head of the Department concerned to be a suitable candidate for advanced work.

‡3. To qualify for the degree a candidate shall either:

(a) interrupt his medical course after the Third Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery to undertake for one year a course of advanced study in Anatomy, Biochemistry, Physiology or Genetics; or

(b) interrupt his medical course after the Fourth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, to undertake for one year a course of advanced study in Bacteriology, General Pathology or Pharmacology. On the completion of the course of advanced study a candidate shall present himself for examination, and on satisfying the examiners he shall be qualified for admission to the degree.

‡4. The names of the candidates who qualify for the degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class

Second Class

Division A

Division B.

‡5. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

6. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Medicine and be submitted to and approved by the Council.

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

‡ Allowed 15th January, 1959.

† Allowed 20th December, 1956.

Allowed 8th December, 1949.

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.

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 - - - - - £78 15 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.

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.

* Allowed 11th November, 1954.

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.

A graduate in Surgery of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such a case the three academic years specified above shall be calculated from the date of the candidate's admission to the degree by virtue of which he was admitted *ad eundem gradum*.

A Master of Surgery of another University will be recommended for admission *ad eundem gradum* in the University of Adelaide only if the Faculty of Medicine certify that in its opinion the degree, by virtue of which the candidate desires admission, is equivalent to the degree of Master of Surgery in the University of Adelaide.

2. A candidate for the degree shall submit: (a) evidence satisfactory to the Faculty of Medicine of his having had special training in Surgery including at least two years' such training in a teaching hospital recognised by the Faculty for the purpose; (b) a thesis embodying the results of original work relevant to the science or art of Surgery or both; (c) such other published papers in support of his candidature as he may wish.

3. To qualify for award of the degree the thesis must make a contribution to surgical knowledge.

4. A candidate is advised: (a) to submit in advance, for approval by the Faculty of Medicine, the proposed subject of his thesis; and (b) to consult regularly during the preparation of his thesis with the Head of the Department within which the subject of the thesis falls.

5. A candidate's thesis must include: (a) a declaration by the candidate indicating clearly the extent (if any) to which the candidate is indebted for any portion of the work to any other person, and stating that the thesis does not contain any material presented for examination for any other degree or diploma in any University; (b) a statement of the nature of the problem investigated; (c) a review of the relevant scientific and historical background; (d) a detailed account of the methods of investigation employed, the results obtained, and their interpretation.

6. A candidate shall lodge with the Registrar three copies of the thesis and of any supporting papers that he wishes to submit for examination for the degree.

The Faculty of Medicine, if it approve the subject of the work submitted, shall nominate examiners, of whom at least one shall be an external examiner.

A candidate may be required to undergo an oral examination in the subject-matter of the thesis and in any other subject-matter cognate thereto.

7. After hearing the reports of the examiners the Faculty shall determine whether or not an oral examination is necessary, and may then recommend (a) that the degree be awarded, or (b) that the degree be awarded on satisfactory completion of an oral examination, or (c) that the thesis be returned to the candidate for revision, or (d) that the degree be not awarded.

8. A printed or typewritten copy of a thesis accepted for the degree shall be lodged in the library of the University before the candidate is admitted to the degree.

9. The fees to be paid by the candidates shall be prescribed from time to time by the Council; and a schedule of fees so prescribed shall be published in the University Calendar.

Awaiting allowance at time of printing.

Schedule of Fees Prescribed by the Council under Regulation 9.

On presentation (or re-presentation) of the thesis - -	£31	10	0
On entry for the oral examination (if required) - -	10	10	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.

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.

‡ Amended 25th August, 1955.

* Allowed 20th December, 1956.

† Amended 5th December, 1940.

** Allowed 22nd December, 1955.

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 (532).
2. Physics (531).
- °°3. Biology (269).
- §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. Dental Anatomy (613).
3. Physiology and Biochemistry (615 and 614).
4. Dental Histology (612).
- §5. Dental Materials and Technics II (616).

†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, 623 and 624).

° Allowed 12th December, 1929.

§ Amended 17th January, 1952.

† Allowed 30th November, 1933.

°° Amended 20th December, 1956.

†† Amendment awaiting allowance at time of printing.

† Amended 16th December, 1948, and 17th January, 1952.

2. Dental Metallurgy (626).
- ††3. Applied Oral Anatomy and Physiology (621).
4. Prosthetic Dentistry I (627).
5. Conservative Dentistry I (625).

‡13. At the Fourth Examination the student shall satisfy the examiners in each of the following subjects:—

1. General Surgery (633).
2. General Medicine (632).
3. Prosthetic Dentistry II (637).
4. Crown and Bridge Work (636).
5. Dental Materia Medica and Therapeutics (634).
6. Oral Pathology (631).
7. Conservative Dentistry II (635).
8. General Dental Practice.

§14. At the Fifth Examination the student shall satisfy the examiners in each of the following subjects:—

1. Anaesthesia (645).
2. Oral Surgery (646).
3. Conservative Dentistry III (641).
4. Prosthetic Dentistry III (642).
5. Orthodontia (638 and 643).
6. Periodontia (642).
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.

* Allowed 18th October, 1956.

† Allowed 11th December, 1947; amended 16th December, 1948, 14th December, 1950, 17th January, 1952, and 9th January, 1958.

‡ Amended 16th December, 1948, and 9th January, 1958.

†† 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 first- and 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) 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) Applied Oral Anatomy and Physiology, (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) Principles of Dental Practice, (f) 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	£90 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.

† Amended 8th December, 1949.

* Amended 16th December, 1948.

‡ Amended 11th November, 1954.

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.

*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 before the end of January of the 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; further amendment awaiting allowance at time of printing.

‡ Allowed 18th October, 1956. * Amended 11th November, 1954.
Allowed 10th December, 1942.

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.^o(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

^o Allowed 20th December, 1956 † Allowed 14th December, 1950.

‡ Amended 9th January, 1958.

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

- | | |
|---|--|
| <p>(a) Concert Singing</p> <ol style="list-style-type: none"> 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) | <p>OR (b) Operatic Singing</p> <ol style="list-style-type: none"> 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

- | | |
|--|---|
| <p>(a) Concert Singing</p> <ol style="list-style-type: none"> 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) | <p>OR (b) Operatic Singing</p> <ol style="list-style-type: none"> 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)
9. Accompanying (747).

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 | OR (b) Operatic Singing |
| 1. Chief Practical Study III (673) | 1. Chief Practical Study III (673) |
| 2. Second Practical Study III (673) | 2. Drama III (710) |
| 3. Modern Languages III (705) | 3. Modern Languages III (705) |
| 4. Practical Tests III (743) | 4. Practical Tests III (743) |
| 5. Musical Criticism and Aesthetics (738) | 5. Musical Criticism and Aesthetics (738) |
| 6. Literature of Music (730) | 6. Literature of Music (730) |
| 7. Concerto (694) | 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)
8. Concerto (694).

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	£3	3	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. 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.

3. To qualify for the Honours degree a candidate shall:—

- (a) satisfy the Faculty of Music at the end of the first year of the course for the Ordinary degree of his fitness to follow the course for the Honours degree;
- (b) pass the succeeding examinations specified for the Ordinary degree at a higher standard than that required for the Ordinary degree;
- (c) at some time during his course regularly attend lectures and pass the examination in one subject of first-year standard prescribed for the degree of Bachelor of Arts;
- * (d) at the Final Examination submit exercise or thesis as the Faculty of Music shall in each case determine or approve;
- (e) satisfy the examiners that he has an adequate reading knowledge of French, German or Italian.

The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes:

First Class,
Second Class.

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.

†4. (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.

* Amended 9th January, 1958.

† Allowed 20th December, 1956.

(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.

5. The examination in any subject may be written or oral or both.

*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. 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.

8. 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.

9. 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.

10. A candidate who has passed equivalent examinations elsewhere and desires that such examinations be counted *pro tanto* for the degree of Bachelor of Music, may, on application, be granted such exemption from the requirements of these regulations as the Council shall determine.

*Allowed 22nd December, 1955.

*11. A candidate who has matriculated and has passed the theoretical subjects of the Second Examination for the diploma of Associate in Music shall be granted the status of a student qualified to enter upon the second year of the course for the degree of Bachelor of Music; but such a candidate will be required to take concurrently with his second-year work the instruction and examination in any theoretical subjects prescribed for the first-year of the course for the degree of Bachelor of Music which are additional to those required in the course for the diploma of Associate in Music.

12. Schedules defining the course of study, including lectures, practical work, and examinations, and the fees to be paid by candidates, shall be drawn up by the Faculty of Music and be submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine. The schedules shall be published as soon as practicable after that approval has been given.

* Allowed 28th July, 1959.

Allowed 8th December, 1949; amended 15th January, 1959.

I. Schedule of Examinations made by the Council under Regulation 12.

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 12.

A. For the entrance examination in the Theory of Music, if required - - - - -	£3 3 0
B. For each year's work and examination - - - - -	52 10 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 -	10 10 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.
- (b) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
- (c) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony or Sonata.
- (d) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.

3. After the exercise has been approved by the examiners, and before taking his degree, the candidate shall deposit a complete copy of the exercise in the University Library.

* Allowed 10th December, 1919.

4. Candidates whose exercises have been approved shall be required to pass a Final Examination in

- (1) Harmony, up to eight parts;
- (2) Counterpoint, up to eight parts;
- (3) Double Counterpoint, } up to five parts;
 Canon, and Fugue, }
- (4) Instrumentation;
- (5) History of Music;
- (6) Musical Analysis.

†5. The above examination shall be held, when required, in the month of November.

6. The names of the successful candidates at each examination shall be arranged in alphabetical order.

‡7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

‡Allowed 18th October, 1956.

†Allowed 10th August, 1916.

Allowed 12th December, 1907.

Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the exercise	-	-	-	-	-	£15	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) and Politics IIB (63);
- Social Economics (150) *or* Economics I (151) with the approval of the Dean;
- Public Finance (169);

and three of the following subjects, of which at least one shall be a third-year subject:

- Economics II, III;
- Economic Statistics I, II;
- Economic Development I *or* History IIB;
- Economic Geography *or* Geography I;
- Elements of Accounting, Management Accounting, Financial Accounting;
- Commercial Law A, B;
- History IC, IIA, IIIA, IIIB;
- Politics IIA, IIIA, IIIB;
- Geography II, III;
- Psychology IIA, IIB, IIIA, IIIB;
- Any other first-year Arts subjects listed for the Ordinary degree except for the Science subjects;

provided that a candidate presenting Economics III shall not be required to present Public Finance.

2. Courses of study must be approved by the Dean of the Faculty of Economics (or his nominee) at enrolment each year.

3. Candidates who have completed subjects for the diploma prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean of the Faculty of Economics, provided that a candidate shall not lose credit for a subject already completed.

Note: For the purpose of this Schedule a pass in the subject Political Science in or prior to 1954 will count as a pass in Politics II, and a pass in the subject Public Administration in or prior to 1954 will count as a pass in Politics IIIA.

Schedule II: Fees

A. For courses from the Faculty of Arts and the Faculty of Economics: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Economics.	
B. For attendance (or re-attendance) at lectures and examination in Public Finance - - - - -	£7 17 6
C. For a supplementary examination in Public Finance	3 3 0
D. For the Diploma - - - - -	5 5 0

OF THE DIPLOMA IN PHARMACY REGULATIONS

††1. There shall be a Diploma in Pharmacy which shall be awarded to candidates who fulfil the requirements prescribed by the Council. Before entering on the course for the Diploma every candidate must have passed such Preliminary Examination as shall be approved by the Board of Studies in Pharmacy.

** 2. To obtain the Diploma in Pharmacy candidates shall

(a) Attend courses of instruction and pass examinations in the following subjects: Inorganic Chemistry (751, 752, and 753); Pharmacy I (754 and 755); Organic Chemistry (761 and 762); Biology (269); 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): £126 payable in two annual instalments of £63 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)	-	-	-	-	-	£15	15	0
Hygiene (105)	-	-	-	-	-	7	17	6
Body Mechanics (806)	-	-	-	-	-	5	5	0
First Aid (809)	-	-	-	-	-	1	1	0
Practice of Physical Education (811)	-	-	-	-	-	10	10	0
History of Education (813)	-	-	-	-	-	7	17	6
Practical Work, Part I (816)	-	-	-	-	-	21	0	0

Third-year Course:	
Human Physiology (802)	£15 15 0
Human Nutrition (807)	7 17 6
Clinical Observation and Remedial Work (808)	7 17 6
Principles of Physical Education (812)	10 10 0
Physical Psychology (814)	7 17 6
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	7 17 6
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 18 years of age;

(b) i. be a graduate of the University or of a University recognised by the University of Adelaide; or
ii. be matriculated; provided that until March 31, 1962 a candidate may, alternatively, fulfil the educational requirements for admission if he holds the Leaving Certificate; or

iii. being over the age of 23 years have satisfied the Council of his being competent to proceed to the diploma;

(c) have been approved by the Council for admission to the course.

* Amendment awaiting allowance at time of printing.

*3. To qualify for the diploma a candidate shall:

- (a) regularly attend lectures, do such written or practical work as may be prescribed by the lecturers, and satisfy the examiners in the subjects listed in Schedule I prescribed by the Council; and
- (b) satisfactorily complete a course of field work under supervision approved by the Council.

The course of study and field work shall extend over three years; provided that for graduates it shall extend over two years.

4. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that field work which he has done elsewhere, be counted *pro tanto* for the Diploma in Social Studies may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

5. Schedules defining the subjects of study and the fees shall be drawn up from time to time, and when approved by the Council shall be published as early as possible in each year.

6. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

* Amended 28th July, 1959.

Allowed 20th December, 1956.

Schedule I: Subjects

The subjects prescribed under Section (a) of Regulation 3 are:

First Year:

Human Biology (801) or Biology (269);
 Psychology I (81);
 Economics I (151) or Social Economics (150);
 Social Work I (836).

Second Year:

Psychology IIB (83);
 Physiology (843) or Human Nutrition (807);
 History IB (52) or History IIB (55) or Politics I (61) or
 Economic Development I (154);
 Social Work II (846).

Third Year:

Social Organisation (851);
 Sociology (852);
 Social Work III (856);
 Field Work (859).

Provided that candidates who by December 31, 1956, had passed in at least one subject in the course for the Diploma in Social Science under the regulations and schedules in force in 1956 may complete their courses for that Diploma under those regulations and schedules provided that they do so by December 31, 1962.

Provided further that candidates who obtained the Diploma in Social Science and subsequently completed the additional work required for the Diploma in Social Studies may, on surrender of the former, be issued with the latter.

Note.—The subjects in this schedule are set out in years for the guidance of full-time students, and it is recommended that they be taken in the order shown. Provided, however, that the pre-requisite subjects where prescribed are first completed, a candidate may take subjects in an order different from that recommended. All candidates are advised to consult the Head of the Department of Social Studies before enrolment each year.

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	-	-	-	£7 17 6
	In Human Nutrition	-	-	-	7 17 6
	In Social Work III	-	-	-	31 10 0
	In each other subject	-	-	-	15 15 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) be matriculated; provided that until March 31, 1962 a candidate may, alternatively, fulfil the educational requirements for admission by complying with the requirements in force in 1959;
 - (c) present a medical certificate approved by the Council.
- †3. The course for the diploma shall extend over three years. Schedules prescribing the subjects of study, and the fees to be paid by candidates, shall be drawn up by the Board of Studies in Physiotherapy and approved by the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.
- †4. To qualify for the diploma a candidate shall:
 - (a) regularly attend lectures and do such written, laboratory or other practical work as may be prescribed;
 - (b) at the end of each year pass an annual examination in the subjects prescribed for that year.
- †5. A candidate shall not be eligible to present himself for examination at the end of a year unless he has completed the course of study and practice prescribed for that year to the satisfaction of the lecturers concerned.

† Awaiting allowance at time of printing.

*6. A candidate shall pass the annual examination proper to each year before beginning the course of study and practice for the following year.

7. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work which he 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.

8. A candidate who fails to present himself for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

9. A candidate who fulfils the conditions shall be awarded the Diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

* Awaiting allowance at time of printing.

Allowed 9th August, 1945.

Schedules made by the Council under Regulation 3.

Schedule I: Subjects.

The subjects of study shall be:

First Year:

Anatomy I (861).
 Physiology (862).
 Physics (863).
 Theory and Practice of Massage and Treatments (864).
 Theory and Practice of Movement I (865).
 Social Psychology (866).

Second Year:

Anatomy II (871).
 Theory and Practice of Treatment by Physiotherapy (872).
 Theory and Practice of Movement II (873).
 Pathology (874).
 Electrotherapy (875).
 Practice of Hospital Work I (876).

Third Year:

Theory and Practice of Movement III (881).
 Theory and Practice of Specialised Treatments (882).
 Practice of Hospital Work II (883).

Schedule II: Fees.

A. For each year's work, including one annual examination	£63	0	0
B. For a supplementary examination in any subject - - -	-	5	5
C. For the Diploma - - - - -	-	5	5

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital practice.

OF THE DEGREE OF BACHELOR OF ARCHITECTURE REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Architecture.

2. Schedules defining the courses of study, including lectures and the practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty and submitted to the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

3. (a) To qualify for the Ordinary degree of Bachelor of Architecture a candidate shall regularly attend lectures and do written and practical work (where such is required) and pass examinations in the subjects prescribed.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty as appropriate to his course.

4. (a) A candidate who has completed the work of the third year and who wishes to proceed to the Honours degree must apply to the Faculty, on or before March 1 of the year in which he intends to take the Honours course, for permission to do so.

(b) Before granting such permission the Faculty will take into consideration the candidate's work up to the time of his application.

(c) To qualify for the Honours degree a candidate shall complete the full course prescribed for the Ordinary degree and shall in addition undertake further work of an advanced nature and pass examinations in such work. Further, he must pass in the subjects which he takes after his acceptance as an Honours student at a higher standard than is required from candidates for the Ordinary degree.

(d) The names of candidates who pass with Honours shall be arranged alphabetically in two classes. A candidate who fails to obtain first or second class Honours may be awarded the Ordinary degree provided he has in all other respects completed the work for that degree.

(e) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty as appropriate to his course.

5. Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work as prescribed in the syllabus for that subject.

6. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Faculty.

(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and practical work where required to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates at the direction of the professors or lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

(d) There shall be three classifications of pass at the annual examination in any subject or division of a subject for the degree as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who Pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who Pass shall be arranged in alphabetical order either in one list or in two divisions as the Faculty may determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty. Any such exemptions granted will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

7. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or practical work in a subject unless he has attended the lectures and practical work respectively in that subject to the satisfaction of the lecturer concerned.

8. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

9. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

10. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Architecture may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

11. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Engineering in Architectural Engineering in or before the year 1957 may complete the course for that degree in accordance with the regulations and schedules governing it in 1957, or with such modifications as the Council may from time to time approve, provided that he does so by December 31, 1965.

Allowed 9th January, 1958.

Schedules made by the Council under Regulation 2.

1. During the first, second, third, fourth and fifth years every candidate shall, unless exempted therefrom, attend courses of instruction and at the annual examination for the appropriate year shall satisfy the examiners in each of the following subjects:

(a) First Year:

Building Construction I (901);
Mathematics (902);
Building Science I (903);
History of Architecture I (904);
Architectural Design and Planning I (905);
Architectural and Free Drawing (906);
Studio Work I (907).

(b) Second Year:

Building Construction II (911);
Structures I (912);
Building Science II (913);
History of Architecture II (914);
Architectural Design and Planning II (915);
Studio Work II (916).

(c) Third Year:

Building Construction III (921);
Structures II (922);
Building Science III (923);
Architectural Surveying (925);
Architectural Design and Planning III (926);
Studio Work III (927);
Professional Practice I (924).

(d) Fourth Year:

Building Construction IV (931);
Structures III (932);
Building Science IV (933);
Professional Practice II (934);
Town and Country Planning and Civic Design (935);
Studio Work IV (936).

(e) Fifth Year:

Structures IV (941);
Building Science V (942);
Professional Practice III (943);
Studio Work V and Thesis (945 and 946).

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 - - - - - £84 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: £15/15/- each up to a maximum of the annual fee of £84 for the full year's course.

B. For the Honours Degree:

For the additional Honours work and examination 31 10 0

OF THE DEGREE OF MASTER OF ARCHITECTURE REGULATIONS

1. There shall be a degree of Master of Architecture.

2. A candidate for the degree shall either:

(a) have been admitted to the degree of Bachelor of Architecture in the University of Adelaide or to another degree in the University of Adelaide accepted by the Faculty of Architecture and Town Planning as equivalent thereto; or

- (b) have been admitted to a degree in another university accepted by the Council on the recommendation of the Faculty of Architecture and Town Planning as equivalent to the degree of Bachelor of Architecture in the University of Adelaide.
3. A candidate may proceed to the degree of Master of Architecture in accordance with the provisions of either Regulation 4 or Regulation 5.
4. To qualify for the degree under this Regulation a candidate shall:
- (a) under the direction of a supervisor or supervisors appointed by the Faculty pursue for at least one calendar year a course of advanced study and either concurrently or subsequently carry out original research on a subject approved by the Faculty;
 - (b) if so required by the Head of the Department concerned pass an examination on his course of advanced study;
 - (c) present a satisfactory thesis embodying the results of his original research; and
 - (d) if so required by the examiners of his thesis, pass an examination, which may be written or oral or both, on the subject-matter of his thesis and subjects cognate thereto.
5. To qualify for the degree under this Regulation a candidate shall:
- (a) present a satisfactory thesis which shall be an account of some original enquiry or investigation made by him into some architectural matter;
 - (b) if so required by the examiners of his thesis, adduce sufficient evidence of the originality of his thesis; and
 - (c) if so required by the examiners of his thesis, pass an examination in that branch of work from which the subject of the thesis is taken.
6. Every candidate shall submit for approval of the Faculty of Architecture and Town Planning, at least nine months before the date on which he expects to submit his thesis for examination, the subject of his advanced study and original research under Regulation 4 or of his thesis under Regulation 5.
7. On 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.
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 15th January, 1959.

Schedules of Fees Prescribed by the Council under Regulation 8

For work under the direction of a supervisor (if required or undertaken) - - - - -	£42	0	0
On presentation or re-presentation of the thesis - - - - -	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 PHILOSOPHY
REGULATIONS

I. GENERAL

1. There shall be a degree of Doctor of Philosophy.
- *2. There shall be a Board of Research Studies, comprising three members of the Faculty of Science, two members of the Faculty of Agricultural Science, two members of the Faculty of Engineering, two members of the Faculty of Arts, two members of the Faculty of Medicine, and one member of the Faculty of Architecture and Town Planning, which shall control the enrolments, courses of study, research and examinations of candidates for the degree. All members shall be elected by the appropriate Faculties for three years.
3. The Board of Research Studies shall elect one of its members as Chairman.
4. In these regulations "the Board" means "the Board of Research Studies."
5. In these regulations "course" means "course of study and research."
6. Schedules specifying the eligibility for candidature, the nature and extent of the work to be completed and fees to be paid by candidates for the degree may be drawn up from time to time by the Board and submitted to the Council. Such schedules shall become effective as from the date of approval by the Council or on such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

II. ENROLMENTS

7. A candidate wishing to be enrolled for the degree shall make application to the Registrar in such form as the Board shall prescribe. The candidate shall submit with his application an outline of the course he proposes to pursue, details of his qualifications for undertaking such a course, and in the case of a graduate of a University other than the University of Adelaide, his diploma or some other acceptable certificate of graduation.
8. A candidate shall not be enrolled unless it appears:—
 - (a) that the course of research can be conveniently pursued within the University; and
 - (b) that he is well qualified for research and well equipped to undertake the particular course which he has proposed.

* Amended 11th November, 1954, and 22nd December, 1955; further amendment awaiting allowance at time of printing.

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 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

* Allowed 25th August, 1955.

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.

15. The Faculty shall consider the reports of the examiners and shall make recommendations to the Board. The Board, after consideration of these reports, may recommend that the candidate:—

- (a) be awarded the degree;
- (b) be not awarded the degree, but be allowed to re-submit his thesis (within such period as the Board may allow);
- (c) be not awarded the degree and be not allowed to re-submit his thesis; or
- (d) with the concurrence of the appropriate Faculty be awarded the appropriate Master's degree.

*16. Two copies of every thesis and other material approved for a degree under these regulations shall be deposited in the Library.

* Amended 15th January, 1959.
Allowed 22nd January, 1953.

Schedules Made by the Council

I. ACADEMIC STANDING.

The academic standing under Regulation 6 required of a candidate for the degree is at present:

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.

In the Faculty of Architecture and Town Planning: An Honours or Master's degree.

In the Faculty of Economics: An Honours or Master's degree.

II. FEES.

The following fees shall be paid in advance by candidates in such instalments as the Council may determine from time to time:

A. For each term's work for the degree until submission of thesis	- - - - -	£14 0 0
B. On submission of the thesis for examination	- - - - -	21 0 0
C. On resubmission of thesis, including fees for any additional work required	- - - - -	31 10 0
D. On admission to the degree	- - - - -	10 10 0

III. Material presented for any other degree within the University shall not be presented for examination for the degree of Doctor of Philosophy.

NOTES AND INSTRUCTIONS TO CANDIDATES FOR THE
DEGREE OF DOCTOR OF PHILOSOPHY

I. GENERAL

1. The degree of Doctor of Philosophy is common to the Faculties of Arts, Economics, Medicine, Science, Agricultural Science, Engineering, and Architecture and Town Planning and is therefore administered by a Board of Research Studies. The attention of candidates is drawn to the regulations of the degree and to the schedules made by the Council of the University on page 603.

2. A candidate for the degree of Doctor of Philosophy pursues a course of research under the direction of a supervisor, who reports formally to the Board of Research Studies each year on the candidate's work and progress. The supervisor will also report whenever in his opinion the student is not making satisfactory progress in his work, is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree at which he aims.

3. The supervisor will maintain fairly close contact with the student, who should regard it as his duty to keep his supervisor fully informed of the progress of his research, and to consult him about proposed future work and about the general planning of his thesis. If not consulted fairly frequently, the supervisor will satisfy himself that the research student is working satisfactorily.

4. The function of the supervisor is not to plan at all directly the work that the research student should do, 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 developing and 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.

II. SPECIFICATION FOR THESES

1. (a) The responsibility for the layout of the thesis rests with the candidate after discussion with his supervisor.

(b) The thesis should be written and submitted before the candidate leaves the University. In exceptional circumstances the Chairman of the Board of Research Studies may give permission for the thesis to be completed elsewhere.

(c) Candidates in scientific faculties are strongly recommended to refer to the following publications before writing their theses:

Australia, C.S.I.R.O., *Guide to authors* (C.S.I.R.O., Melbourne, 1953).

Barned, J. R., and Petrie, C. M., *Guide to report writing* (C.S.I.R.O. Division of Building Research, Melbourne, 1955).

Trelease, S. F., *The scientific paper*, 2nd edition (Williams and Wilkins, Baltimore, 1951).

Royal Society of London, *General notes on the preparation of scientific papers* (London Royal Society, 1950).

Emberger, M. R., and Hall, M. R., *Scientific writing* (Harcourt Brace, New York, 1955).

2. *Typing.*

(a) A thesis should be typed on quarto paper on one side of the paper only with double spacing, but in exceptional circumstances and with the approval of the Librarian other forms of presentation may be permitted.

(b) Margins should be not less than 1½ inches on the left-hand side and ½ inch on the right-hand side to allow for binding and trimming.

(c) The thesis should incorporate: (i) a title page giving the title of the thesis in full, the name and degrees of the candidate, and the Department in the University in which the research was conducted; (ii) a table of contents; (iii) a summary of 150-250 words bound in each copy of the thesis at the back together with a total of two additional (loose) copies; (iv) a signed statement to the effect that the thesis contains no material previously submitted for a degree in any University either by the candidate or by any other person, except when due reference is made in the text of the thesis.

3. *Diagrams and Figures.*

The following are general suggestions for normal practice but they may be varied in special cases:

(a) Diagrams and figures, etc., should preferably be drawn or photographed on quarto paper (photographs should not be affixed to quarto paper) and bound in the appropriate place in the text.

(b) All figures should form a right-hand page with the legend either at the bottom or if necessary on the page facing the figures.

(c) Tables should be inserted in the appropriate place in the text, except in the case of lengthy or bulky tables, which should be transferred to an appendix.

(d) Diagrams, maps, tables, etc., exceeding quarto in size should be folded so as to read as a right-hand page when open.

4. *Binding.*

(a) The thesis must be sewn and bound with stiff covers covered with dark cloth. (It should be noted that the thesis must be bound and that a loose-leaf binder of the spring type or screw-in type is not acceptable.)

(b) During binding the edges should be trimmed.

(c) The title of the thesis should be given in full in gold capital lettering on the front of the thesis in letters approximately 3/16 inch high.

(d) On the spine of the thesis should be given, in gold lettering of suitable size, reading from bottom to top, surname of candidate and title of thesis abbreviated if necessary.

5. Published papers submitted as additional evidence should be bound in the back of the thesis as an Appendix.

6. Three bound copies of the thesis should be presented to the Registrar for examination, none of which will be returned to the candidate. When the examiners have returned the copies submitted to them the Registrar will distribute these copies as follows: two copies to the University Library and one copy to the Head of the Department in which the candidate worked.

7. *Availability.*

(a) Subject to the author's consent, one copy of the thesis deposited in the Library will be available for loan.

(b) Subject to the author's consent, the thesis will be available for photo-copying.

(c) The author will be asked after the award of the degree to give his consent to (a) and (b) in writing. Such notice of consent will be inserted by the Registrar in the copies deposited in the Library.

(d) If the author's consent is not given to sections (a) and (b) of this clause, the thesis will in any case become available for general use two years after the award of the degree.

OF THE DEGREE OF BACHELOR OF TECHNOLOGY REGULATIONS

1. There shall be an Ordinary degree of Bachelor of Technology.

2. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Technology and submitted to the Councils of the University and the South Australian 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:

Building Technology,
Civil Engineering,
Surveying,
Electrical Engineering,
Electronic Engineering,
Mechanical Engineering,
Chemical Technology,
Primary Metallurgy,
Secondary Metallurgy.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than 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.

† Amended 15th January, 1959; further amendment awaiting allowance at time of printing.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty of Technology. Any such exemptions will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

* (g) Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.

5. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

6. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

7. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

8. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Technology may on application be granted such exemption from the requirements of the regulations as the Councils shall determine. (In particular a student who has completed one of the diploma courses introduced by the South Australian School of Mines and Industries in or after the year 1949 will be eligible to qualify for the degree of Bachelor of Technology by matriculating and by satisfying the examiners at re-examination in such major subject or subjects as may be determined in each case by the Faculty. Such a candidate shall surrender his Associateship diploma before being admitted to the degree.)

Allowed 20th December, 1956.

* Allowed 9th January, 1958.

APPROVAL OF COURSES

Each candidate must obtain the approval of the Director of Studies of the Faculty for his proposed course of study.

BACHELOR OF TECHNOLOGY COURSE IN
BUILDING TECHNOLOGY

Subject No. in Syllabus	Subject		Hours a Week	Fee		
				£	s.	d.
FIRST YEAR						
1021	Building Science I (T)	Lectures	1	6	0	0
1024	Building Construction and Drawing I	Lectures	1	}	9	0 0
		Practical	2			
1031	Architectural Drawing I (T)	Practical	6 ¹ , 3 ²	}	9	15 0
1039	Bookkeeping and Accounts	Lectures	2			
221	General Physics	Lectures	3	}	15	15 0
		Practical	3			
201	General Mathematics	Lectures	3	}	9	9 0
		Tutorials	2			
	<i>Either (a)</i>					
1032	Free Drawing IA	Practical	2		7	10 0
	<i>Or (b)</i>					
1035	Quantity Surveying I	Lectures	2		7	10 0
1033	Architectural History IB	Lectures	1		6	0 0
SECOND YEAR						
1022	Building Science II (T)	Lectures	2 ² , 1 ¹	}	6	0 0
1026	Building Construction and Drawing II	Lectures	1			
		Practical	2	}	9	0 0
1028	Building Administration I	Lectures	2 ¹ , 1 ²			
1153	Applied Mathematics (T)	Lectures	3	}	9	15 0
		Tutorial	1			
1208	Strength of Materials (T)	Lectures	2	}	10	10 0
		Practical	3			
	<i>Either (a)</i>					
1035	Quantity Surveying I	Lectures	2		7	10 0
	<i>and</i>					
1040	Supervision—Human Relations	Lectures	1 ¹		6	0 0
	<i>Or (b)</i>					
1036	Quantity Surveying II	Lectures	2		7	10 0
	<i>and</i>					
1034	Architectural History IIB	Lectures	1	}	9	0 0
		Practical	2			
THIRD YEAR						
1008	Surveying IA	Lectures	1	}	9	15 0
		Practical	3			
1023	Building Science III (T)	Lectures	2	}	7	10 0
1027	Building Construction and Drawing III	Lectures	1			
		Practical	5	}	11	5 0
1029	Building Administration II	Lectures	2			
		Practical	3	}	10	10 0
1038	Estimating and Costing	Lectures	2			
1041	Design of Structures A	Lectures	1	}	7	10 0
		Practical	3			
	<i>Either (a)</i>					
1036	Quantity Surveying II	Lectures	2		7	10 0
	<i>Or (b)</i>					
1037	Quantity Surveying III	Lectures	2		7	10 0

BACHELOR OF TECHNOLOGY COURSE IN CIVIL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
FIRST YEAR			
232	Chemistry IA	Lectures 2 Practical 3	12 12 0 9 9 0
221	General Physics	Lectures 3 Practical 3	15 15 0 9 9 0
201	General Mathematics	Lectures 3 Tutorials 2	} 15 15 0
1201	Mechanical Engineering I (T)	Lectures 2	
1212	Engineering Drawing and Design I	Practical 4	7 10 0
1214	Workshop Practice I	Lectures 1 Practical 3	9 15 0
SECOND YEAR			
1001	Structures I (T)	Lectures 3 Practical 4	} 12 0 0
1008	Surveying IA	Lectures 1 Practical 3	
1008A	Survey Camp		4 10 0
213	Mathematics I (Engineering)	Lectures 3 Tutorial 1	} 15 15 0
1153	Applied Mathematics (T)	Lectures 3 Tutorial 1	
1211	Hydraulics (T)	Lectures 1 Practical 3 ¹	} 7 10 0
1213	Engineering Drawing and Design II	Lectures 1 Practical 3	
THIRD YEAR			
1002	Civil Engineering A	Lectures 3 Practical 5 ^o	} 12 15 0
1003	Civil Engineering B	Lectures 4 Practical 3	
1004	Structures II (T)	Lectures 1 Practical 7	} 12 15 0
1005	Methods of Construction and Management	Lectures 1	
1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	6 0 0 9 15 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.

^o Including Seminars.

BACHELOR OF TECHNOLOGY COURSE IN SURVEYING

FIRST YEAR			
232	Chemistry IA	Lectures 2 Practical 3	12 12 0 9 9 0
1008	Surveying IA	Lectures 1 Practical 3	} 9 15 0
1008A	Survey Camp		
221	General Physics	Lectures 3 Practical 3	4 10 0 15 15 0
201	General Mathematics	Lectures 3 Tutorial 2	} 9 9 0 15 15 0
1212	Engineering Drawing and Design I	Practical 4	

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
SECOND YEAR			
1007	Town Planning Practice I	Lectures 1	6 0 0
1009	Surveying Computations	Lectures 3	9 0 0
1010	Surveying II	Lectures 2	10 10 0
		Practical 3	
1015	Astronomy	Lectures 2	10 10 0
		Practical 3	
1019	Applied Geology and Economic Geography	Lectures 1	6 0 0
1025	Building Construction and Drawing IA	Lectures 1	9 0 0
		Practical 2	
213	Mathematics I (Engineering)	Lectures 3	15 15 0
		Tutorial 1	
1153	Applied Mathematics (T)	Lectures 3	9 15 0
		Tutorial 1	
THIRD YEAR			
1006	Soils Investigations	Lectures 1	7 10 0
		Practical 3 ¹	
1011	Land Surveying Design and Drafting	Practical 3	9 0 0
1012	*Mine Surveying	Lectures 1	6 0 0
1013	Photogrammetry	Lectures 3	12 15 0
		Practical 6	
1014	Geodesy	Lectures 2	10 10 0
		Practical 3	
1016	Laws and Regulations Governing Surveys	Lectures 2	7 10 0
1017	Law in Relation to Planning	Lectures 1	6 0 0
1018	Land Valuation—Principles and Practice	Lectures 1	6 0 0
1211	Hydraulics (T)	Lectures 1	7 10 0
		Practical 3 ¹	

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.

BACHELOR OF TECHNOLOGY COURSE IN ELECTRICAL ENGINEERING

FIRST YEAR

232	Chemistry IA	Lectures 2	12 12 0
		Practical 3	9 9 0
221	General Physics	Lectures 3	15 15 0
		Practical 3	9 9 0
201	General Mathematics	Lectures 3	15 15 0
		Tutorials 2	
1201	Mechanical Engineering I (T)	Lectures 2	7 10 0
1212	Engineering Drawing and Design I	Practical 4	9 15 0
1214	Workshop Practice I	Lectures 1	9 15 0
		Practical 3	

SECOND YEAR

1051	Electrical Engineering II (T)	Lectures 2	9 15 0
		Practical 2	
213	Mathematics I (Engineering)	Lectures 3	15 15 0
		Tutorial 1	
1153	Applied Mathematics (T)	Lectures 3	9 15 0
		Tutorials 1	
1202	Mechanical Engineering II (T)	Lectures 2	9 0 0
		Practical 2 ^a	
1208	Strength of Materials (T)	Lectures 2	10 10 0
		Practical 3	
1213	Engineering Drawing and Design II	Lectures 1	9 15 0
		Practical 3	

THIRD YEAR

1054	Electrical Engineering III (T)	Lectures 2	9 15 0
		Practical 2	
1055	Automatic Control	Lectures 1	9 15 0
		Practical 3	
1104	Applied Electronics	Lectures 1	9 0 0
		Practical 2	

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
1207	Machine Design	Lectures 2 Practical 3 ²	} 9 15 0
1215	Workshop Practice II	Lectures 1 Practical 3	
1272	Engineering Materials	Lectures 2 Practical 2	} 9 15 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 ELECTRONIC ENGINEERING

FIRST YEAR

232	Chemistry IA	Lectures 2 Practical 3	} 12 12 0
221	General Physics	Lectures 3 Practical 3	
201	General Mathematics	Lectures 3 Tutorials 2	} 15 15 0
1212	Engineering Drawing and Design I	Practical 4	
1214	Workshop Practice I	Lectures 1 Practical 3	} 9 15 0

SECOND YEAR

1051	Electrical Engineering II (T)	Lectures 2 Practical 2	} 9 15 0
1101	Communication Engineering I	Lectures 3 Practical 3	
1104A	Applied Electronics (Short Course)	Lectures 1 ² Practical 2 ²	} 6 0 0
213	Mathematics I (Engineering)	Lectures 3 Tutorial 1	
1154	Electron Physics	Lectures 1 Practical 3	} 9 15 0
1272	Engineering Materials	Lectures 2 Practical 2	

THIRD YEAR

1054	Electrical Engineering III (T)	Lectures 2 Practical 2	} 9 15 0
1055	Automatic Control	Lectures 1 Practical 3	
1102	Communication Engineering II	Lectures 2 Practical 4	} 11 5 0
1105	Electronic Engineering Design	Lectures 1 Practical 2	
1106	Electronic Measurements	Lectures 1 Practical 2	} 9 0 0
1107	Pulse Techniques	Lectures 1 Practical 2	

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE A)

FIRST YEAR

232	Chemistry IA	Lectures 2 Practical 3	} 12 12 0
221	General Physics	Lectures 3 Practical 3	
201	General Mathematics	Lectures 3 Tutorials 2	} 15 15 0
1201	Mechanical Engineering I (T)	Lectures 2	
1212	Engineering Drawing and Design I	Practical 4	} 9 15 0
1214	Workshop Practice I	Lectures 1 Practical 3	

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
SECOND YEAR			
213	Mathematics I (Engineering)	Lectures 3 Tutorial 1	} 15 15 0
1153	Applied Mathematics (T)	Lectures 3 Tutorial 1	
1202	Mechanical Engineering II (T)	Lectures 2 Practical 2 ^a	} 9 0 0
1208	Strength of Materials (T)	Lectures 2 Practical 3	
1213	Engineering Drawing and Design II	Lectures 1 Practical 3	} 9 15 0
1272	Engineering Materials	Lectures 2 Practical 2	

THIRD YEAR			
1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 9 15 0
1104	°Applied Electronics	Lectures 1 Practical 2	
1203	Mechanical Engineering III (T)	Lectures 2 Practical 3	} 10 10 0
1207A	Machine Design Project	Lectures 2 Practical 3	
1215	Workshop Practice II	Lectures 1 Practical 3	} 9 15 0
1256	°Industrial Instrumentation	Lectures 1 Practical 3	
1265	Metal Fabrication	Lectures 1	} 6 0 0
1266	Foundry Practice	Lectures 1 Practical 3	

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

° Omit one of these subjects.

BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE B)

FIRST YEAR			
232	Chemistry IA	Lectures 2 Practical 3	} 12 12 0
221	General Physics	Lectures 3 Practical 3	
201	General Mathematics	Lectures 3 Tutorials 2	} 15 15 0
1204	Refrigeration Engineering I	Lectures 2	
1212	Engineering Drawing and Design I	Practical 4	} 7 10 0
1214	Workshop Practice I	Lectures 1 Practical 3	

SECOND YEAR			
213	Mathematics I (Engineering)	Lectures 2 Tutorial 3	} 15 15 0
1153	Applied Mathematics (T)	Lectures 3 Tutorial 3	
1205	Refrigeration Engineering II	Lectures 2 Practical 2	} 9 15 0
1208	Strength of Materials (T)	Lectures 2 Practical 3	
1213	Engineering Drawing and Design II	Lectures 1 Practical 3	} 9 15 0
1270	Chemistry I, Organic (T)	Lectures 1 Practical 2	

Subject No. in Syllabus	Subject		Hours a Week	Fee		
				£	s.	d.
THIRD YEAR						
1052	Electrical Engineering IIA (T)	Lectures	2	9	15	0
		Practical	2			
1104	*Applied Electronics	Lectures	1	9	0	0
		Practical	2			
1203	Mechanical Engineering III (T)	Lectures	2	10	10	0
		Practical	3			
1206	Refrigeration Engineering III	Lectures	2	9	15	0
		Practical	3 ^a			
1215	Workshop Practice II	Lectures	1	9	15	0
		Practical	3			
1216	*Principles of Business and Industry	Lectures	2	7	10	0
1256	*Industrial Instrumentation	Lectures	1			
		Practical	3	9	15	0
1272	Engineering Materials	Lectures	2			
		Practical	2			

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

^a Omit two of these subjects. This course has been designed to meet the needs of Refrigeration Engineers.

BACHELOR OF TECHNOLOGY COURSES IN CHEMICAL TECHNOLOGY, PRIMARY METALLURGY AND SECONDARY METALLURGY

1. ARRANGEMENT OF COURSES.

The courses shall occupy four years of full-time study named the First, Second, Third and Fourth Years. Details of these courses are set out in Clauses 6 and 7. However, in the case of a candidate who is exempted from the First Year (see Clause 2), only three years of full-time study will be necessary, namely, the Second, Third and Fourth Year courses as set out in Clause 7.

2. EXEMPTION FROM THE FIRST YEAR.

- (a) A candidate who has passed at the Leaving Honours Examination of the University of Adelaide in Mathematics, Parts I and II, Physics and Chemistry will be granted exemption from General Mathematics (201), General Physics (221) and Chemistry IA (232).
- (b) Exemption from General Mathematics (201), General Physics (221) and Chemistry IA (232) may be granted to a candidate who has passed in appropriate examinations at other Universities or Institutions.

3. COMPLETION OF FIRST YEAR.

Except as provided in Clause 4, a candidate shall not proceed to any part of the work of the Second or a subsequent Year unless he has completed, or been exempted from, the whole of the work of the First Year.

4. ADDITIONAL SUBJECT WHICH MAY BE TAKEN IN THE FIRST YEAR.

A candidate who is taking any or all of the subjects of the First Year may take the subject Engineering Drawing and Design I (1212) from the Second Year course.

5. COMPLETION OF SECOND AND SUBSEQUENT YEARS.

It will not be necessary for a candidate to take all the subjects of the Second or a subsequent Year's course simultaneously or to complete all the subjects set out for one year before enrolling for any of the next, provided that the pre-requisite subjects have been passed. But a candidate who desires to take a Fourth Year subject before completing the Second Year must obtain the permission of the Faculty.

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
-------------------------	---------	--------------	-------------

6. FIRST YEAR COURSE.

201	General Mathematics	Lectures 3 Tutorials 2	} 15 15 0
221	General Physics	Lectures 3 Practical 3	
232	*Chemistry IA	Lectures 2 Practical 3	12 12 0 9 9 0

7. SECOND, THIRD AND FOURTH YEAR COURSES.

SECOND YEAR

213	Mathematics I (Engineering)	Lectures 3 Tutorials 1	} 15 15 0
222B	*Physics B (Engineering)	Lectures 2 Practical 3	
234	*Chemistry IIA	Lectures 3 Practical 6	15 15 0 12 12 0
1212	Engineering Drawing and Design I	Practical 4	9 15 0
1272	Engineering Materials	Lectures 2 Practical 2	} 9 15 0

THIRD YEAR

CHEMICAL TECHNOLOGY (COURSE A)

236A	*Organic Chemistry IIA	Lectures 2 Practical 6	12 12 0 12 12 0
468	*Applied Physical Chemistry	Lectures 2 Practical 3	12 12 0 6 6 0
1201	Mechanical Engineering I (T)	Lectures 2	7 10 0
1209	Materials and Structures	Lectures 2 Practical 2	} 9 15 0
1257	*Process Technology I	Lectures 2 ² , 3 ¹		12 12 0

CHEMICAL TECHNOLOGY (COURSE B)

236A	*Organic Chemistry IIA	Lectures 2 Practical 6	12 12 0 12 12 0
468	*Applied Physical Chemistry	Lectures 2 Practical 3	12 12 0 6 6 0
807	*Human Nutrition	Practical 1	7 17 6
1257	*Process Technology I	Lectures 2 ² , 3 ¹	12 12 0
1280	*Industrial Microbiology I	Lectures 2 Practical 4	12 12 0 8 8 0

PRIMARY METALLURGY

251A	*Geology IA	Lectures 2 ² Practical 4 ²	8 8 0 6 6 0
468	*Applied Physical Chemistry	Lectures 2 Practical 3	12 12 0 6 6 0
1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 9 15 0
1201	Mechanical Engineering I (T)	Lectures 2		7 10 0
1209	Materials and Structures	Lectures 2 Practical 2	} 9 15 0
1257	*Process Technology I	Lectures 2 ² , 3 ¹		12 12 0

SECONDARY METALLURGY

468	*Applied Physical Chemistry	Lectures 2 Practical 3	12 12 0 6 6 0
1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 9 15 0
1201	Mechanical Engineering I (T)	Lectures 2		7 10 0
1209	Materials and Structures	Lectures 2 Practical 2	} 9 15 0
1257	*Process Technology I	Lectures 2 ² , 3 ¹		12 12 0
1263	Physical Metallurgy I	Lectures 1 Practical 3	} 9 15 0

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

** Candidates enrolled for Chemical Technology (Course B) are required to take Biology (269) instead of Physics B (Engineering) (222B).

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
FOURTH YEAR (These courses will not be offered until 1961.)			
CHEMICAL TECHNOLOGY (COURSE A)			
1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 9 15 0
1213	Engineering Drawing and Design II	Lectures 1 Practical 3	
1251	*Analytical Chemistry	Lectures 1 Practical 3	} 9 15 0
1256	*Industrial Instrumentation	Lectures 1 Practical 3	
1258	Process Technology II	Lectures 2 Practical 6	} 12 15 0
1259	*Unit Operations	Lectures 1 Practical 3	
1267	*Industrial Economics	Lectures 1 ²	} 4 4 0
** Omit one of these subjects.			
CHEMICAL TECHNOLOGY (COURSE B)			
1204	†Refrigeration Engineering I	Lectures 2	} 7 10 0
1209	†Materials and Structures	Lectures 2 Practical 2	
1256	†Industrial Instrumentation	Lectures 1 Practical 3	} 9 15 0
1258	Process Technology II	Lectures 2 Practical 6	
1259	*Unit Operations	Lectures 1 Practical 3	} 6 6 0
1267	*Industrial Economics	Lectures 1 ²	
1281	*Industrial Microbiology II	Lectures 2 Practical 6	} 12 12 0
† Omit two of these subjects.			
PRIMARY METALLURGY			
434	*Hydraulics	Lectures 1 Practical 3 ¹	} 6 6 0
466	*Mineral Dressing	Lectures 2 Seminar 2 ¹ Practical 3 ²	
471	*Mining Engineering I	Lectures 2	} 15 15 0
1213	Engineering Drawing and Design II	Lectures 1 Practical 3	
1254	*Extractive Metallurgy I	Lectures 2 Seminar 1 Practical 3	} 11 5 0
1256	Industrial Instrumentation	Lectures 1 Practical 3	
1267	*Industrial Economics	Lectures 1 ²	} 9 15 0
SECONDARY METALLURGY			
1213	Engineering Drawing and Design II	Lectures 1 Practical 3	} 9 15 0
1251	Analytical Chemistry	Lectures 1 Practical 3	
1255	Extractive Metallurgy IA	Lectures 1 Practical 3	} 9 15 0
1262	Physical Metallurgy Project .....	..... 6	
1264	Physical Metallurgy II	Lectures 1 Practical 3	} 11 5 0
1265	Metal Fabrication	Lectures 1 Practical 3 ¹	
1266	Foundry Practice	Lectures 1 Practical 3 ²	} 9 0 0
1267	*Industrial Economics	Lectures 1 ²	

8. CONTINUATION OF COURSES OFFERED IN 1959.

The following courses will be given in 1960.

SECOND YEAR

CHEMICAL TECHNOLOGY (COURSE A)			
234	*Chemistry IIA	Lectures 3 Practical 6	} 15 15 0
236A	*Organic Chemistry IIA	Lectures 2 Practical 6	
1201	Mechanical Engineering I (T)	Lectures 2	} 7 10 0
1209	Materials and Structures	Lectures 2 Practical 2	
1257	*Process Technology I	Lectures 2 ² , 3 ¹	} 12 12 0
*Lectures and Practical Work in this subject are at present given wholly or partly at the University.			

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
CHEMICAL TECHNOLOGY (COURSE B)			
234	*Chemistry IIA	Lectures 3 Practical 6	15 15 0 12 12 0
236A	*Organic Chemistry IIA	Lectures 2 Practical 6	12 12 0 12 12 0
807	*Human Nutrition	..... 1	7 17 6
1212	Engineering Drawing and Design I	Practical 4	9 15 0
1257	*Process Technology I	Lectures 2 ² , 3 ¹	12 12 0
1280	*Industrial Microbiology I	Lectures 2 Practical 4	12 12 0 8 8 0

EXTRACTIVE METALLURGY

234	*Chemistry IIA	Lectures 3 Practical 6	15 15 0 12 12 0
251A	*Geology IA	Lectures 2 ² Practical 4 ²	8 8 0 6 6 0
1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 9 15 0
1201	Mechanical Engineering I (T)	Lectures 2	
1209	Materials and Structures	Lectures 2 Practical 2	} 7 10 0 9 15 0
1257	*Process Technology I	Lectures 2 ² , 3 ¹	

PHYSICAL METALLURGY

234	*Chemistry IIA	Lectures 3 Practical 6	15 15 0 12 12 0
1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 9 15 0
1201	Mechanical Engineering I (T)	Lectures 2	
1209	Materials and Structures	Lectures 2 Practical 2	} 7 10 0 9 15 0
1212	Engineering Drawing and Design I	Practical 4	
1263	Physical Metallurgy II	Lectures 1 Practical 3	} 9 15 0

MINERAL DRESSING

234	*Chemistry IIA	Lectures 3 Practical 6	15 15 0 12 12 0
251A	*Geology IA	Lectures 2 ² Practical 4 ²	8 8 0 6 6 0
1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 9 15 0
1201	Mechanical Engineering I (T)	Lectures 2	
1209	Materials and Structures	Lectures 2 Practical 2	} 7 10 0 9 15 0
1257	*Process Technology I	Lectures 2 ² , 3 ¹	

THIRD YEAR

CHEMICAL TECHNOLOGY (COURSE A)

1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	} 9 15 0
1213	Engineering Drawing and Design II	Lectures 1 Practical 3	
1251	†Analytical Chemistry	Lectures 1 Practical 3	} 9 15 0
1256	†Industrial Instrumentation	Lectures 1 Practical 3	
1258	Process Technology II	Lectures 2 Practical 6	} 12 15 0
1259	*Unit Operations	Lectures 1 Practical 3	
1267	*Industrial Economics	Lectures 1 ²	4 4 0
1272	Engineering Materials	Lectures 2 Practical 2	} 9 15 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.

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
CHEMICAL TECHNOLOGY (COURSE B)**			
1204	†Refrigeration Engineering I	Lectures 2	7 10 0
1209	†Materials and Structures	Lectures 2	9 15 0
		Practical 2	
1216	Principles of Business and Industry	Lectures 2	7 10 0
1256	†Industrial Instrumentation	Lectures 1	9 15 0
		Practical 3	
1258	Process Technology II	Lectures 2	12 15 0
		Practical 6	
1259	*Unit Operations	Lectures 1	6 6 0
		Practical 3	6 6 0
1281	*Industrial Microbiology II	Lectures 2	12 12 0
		Practical 6	12 12 0

† Omit two of these subjects.

** The provision of this course was approved for the single three-year course beginning with the first-year work in 1958. The course will be provided again in 1960 if sufficient candidates enrol.

EXTRACTIVE METALLURGY

1213	Engineering Drawing and Design II	Lectures 1	9 15 0
		Practical 3	
1254	*Extractive Metallurgy I	Lectures 2	11 5 0
		Seminar 1	
		Practical 3	
1256	Industrial Instrumentation	Lectures 1	9 15 0
		Practical 3	
1259	*Unit Operations	Lectures 1	6 6 0
		Practical 3	6 6 0
467	*Ore Dressing	Lectures 1	7 10 0
		Practical 3 ¹	
1263	Physical Metallurgy I	Lectures 1	9 15 0
		Practical 3	
1267	*Industrial Economics	Lectures 1 ²	4 4 0
1271	Assaying	Practical 3	9 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.

PHYSICAL METALLURGY

1213	Engineering Drawing and Design II	Lectures 1	9 15 0
		Practical 3	
1251	Analytical Chemistry	Lectures 1	9 15 0
		Practical 3	
1255	Extractive Metallurgy IA	Lectures 1	9 15 0
		Practical 3	
1264	Physical Metallurgy II	Lectures 1	12 15 0
		Practical 9	
1265	Metal Fabrication	Lectures 1	6 0 0
1266	Foundry Practice	Lectures 1	9 15 0
		Practical 3	
1267	*Industrial Economics	Lectures 1 ²	4 4 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.

MINERAL DRESSING

471	*Mining Engineering I	Lectures 2	12 12 0
1213	Engineering Drawing and Design II	Lectures 1	
		Practical 3	9 15 0
1255	Extractive Metallurgy IA	Lectures 1	
		Practical 3	9 15 0
1256	Industrial Instrumentation	Lectures 1	
		Practical 3	9 15 0
466	*Mineral Dressing	Lectures 2	
		Practical 3 ²	10 10 0
		Seminar 2 ¹	
1267	*Industrial Economics	Lectures 1 ²	4 4 0
1268	*Fluid Mechanics	Lectures 1	6 6 0
		Practical 3 ¹	2 2 0
1271	Assaying	Practical 3	9 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.

¹ Lectures and Practical Work in this subject are at present given wholly or partly at the University.

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.

COMPULSORY EXCURSIONS AND CAMPS.

The attention of students is drawn to the fact that attendance on excursions or at camps (usually during vacation) forms a compulsory part of the practical work associated with some subjects or courses. The students must meet the travel and living costs involved *in addition* to the specific fees for the subjects or courses prescribed by and payable to the University.

Over recent years the subjects, courses and costs involved have been approximately as follows:

Arts:

Geography II	.....	.....	.....	.....	.....	£6	0	0
Geography III	.....	.....	.....	.....	.....	9	0	0

Science:

Geology II	.....	.....	.....	.....	.....	8	0	0
Geology III	.....	.....	.....	.....	.....	8	0	0
Honours Economic Geology	.....	.....	.....	.....	.....	28	0	0
Botany II	.....	.....	.....	.....	.....	16	0	0
Botany III	.....	.....	.....	.....	.....	14	0	0

Agricultural Science:

Fourth-year Agricultural Science	50	0	0
----------------------------------	-------	-------	-------	-------	-------	----	---	---

Engineering:

Civil Engineering, First Survey Camp	.....	.....	.....	.....	.....	9	0	0
Civil Engineering, Second Survey Camp	.....	.....	.....	.....	.....	14	0	0
Mining, Metallurgical and Chemical Engineering (Third Year)	.....	.....	.....	.....	.....	45	0	0
Engineering (Fourth Year)	.....	.....	.....	.....	.....	45	0	0
Mechanical Engineering II	.....	.....	.....	.....	.....	12	0	0

This list is published only for the information and guidance of students and in no way restricts the University in determining each year the nature, duration and approximate cost of the excursions or camps associated with particular subjects or courses, or the list of subjects and courses in which such attendance may be required.

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 - - - | £15 15 0 |
| (2) For a special examination in any course or for an annual examination with exemption from attendance or re-attendance at lectures | 7 17 6 |
| (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 of Old and Middle English I and II, Old and Middle French I and II, and Older German Language and Literature I and II - - - - - | 15 15 0 |
| (3) for Honours Mathematics III - - - | 31 10 0 |
| (4) For instruction and final examination in the following schools:
Classics, Latin, Politics, History, Philosophy, Mathematics, English Language and Literature (Scheme A and Scheme B), French Language and Literature, Economics, Geography, German, Psychology, each - - - - - | 63 0 0 |

Note: These fees cover all work, except courses for the Ordinary degree and Interim courses provided for in B. (2) above, which the Head of the school deems necessary for the Honours course selected.

II. DIPLOMA IN EDUCATION

A. For attendance (or re-attendance) at lectures and annual examination:

- | | |
|--|--------|
| (1) In Hygiene - - - - - | 7 17 6 |
| (2) In Educational Psychology I and II—
—each part - - - - - | 7 17 6 |
| (3) In the Principles of Education (Pre-Primary, or Primary, or Secondary) I, II and III—each part - - - - - | 7 17 6 |

B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	3 18 9
C. For the course in Practical Teaching - - - - -	7 17 6
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. - - - - -	31 10 0
(2) For guidance without instruction - - - - -	15 15 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 - - - - -	15 15 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 - - - - -	63 0 0

VI. DEGREE OF MASTER OF ECONOMICS

A. Under Regulation 2 (b and c):	
(1) For instruction in courses other than those provided for the Ordinary or Honours degree of Bachelor of Arts or Bachelor of Economics - - - - -	£31 10 0
(2) For guidance without instruction - - - - -	15 15 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

A. For the Ordinary Degree:	Lectures	Practical Work
(1) General Mathematics, Mathematics I and II, Pure Mathematics II and III, Applied Mathematics II and III, Statistical Methods and Mathematical Statistics and Mathematical Physics A: each -	£15 15 0	
(2) Third-year Honours course in Mathematics - - -	31 10 0	
(3) General Physics, Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology: each - - -	15 15 0	£9 9 0
(4) Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Biochemistry I, Botany II, Geology II, Zoology II, Bacteriology I, Genetics I and Histology: each - - -	15 15 0	15 15 0
(5) Physics III, Physics IIIA, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry II, Physiology, Geology III, Botany III, Zoology III, Bacteriology II, Genetics II, and Mathematical Physics B: each - - -	15 15 0	26 5 0
(6) Special Subjects:		
Agricultural Economics -	15 15 0	
Soil Science IA - - -	15 15 0	15 15 0
Palaeontology - - -	15 15 0	15 15 0
Botany IIA - - -	18 18 0	18 18 0
A composite subject in lieu of a subject from Group C (inclusive fee) - - -	42 0 0	
Scientific German (for candidates other than Honours students) - - -	3 3 0	

B. For the Honours Degree:

For the final-year Honours work and the final examination in any subject - - - £78 15 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

Annual Registration Fee for full-time students - -	£42 0 0
Annual Registration Fee for part-time students - -	21 0 0
On submission or re-submission of the thesis - -	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 - - - - -	£84 0 0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject - - - - -	5 5 0

Note: The cost of attendance on compulsory tours in the third and fourth years of the course is not included in the annual fee.

B. For the Honours Degree:

Inclusive fee for courses which the head of the department deems necessary for the Honours course in the subject selected, including the examinations required - - - - -	78 15 0
--	---------

XI. DEGREE OF MASTER OF AGRICULTURAL SCIENCE

Annual Registration Fee for full-time students - -	£42 0 0
Annual Registration Fee for part-time students - -	21 0 0
On presentation or re-presentation of the thesis - -	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

Annual Registration Fee for full-time students - -	£42 0 0
Annual Registration Fee for part-time students - -	21 0 0
On presentation or re-presentation of the thesis - -	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, £15 15 0, Practical, £15 15 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 are as prescribed by that institution.

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 - 15 15 0
- C. For attendance at the course of lectures in Legal Ethics and Accounts - - - - - 5 5 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 - - - 15 15 0
- G. For the Final Certificate - - - - - 5 5 0
- H. For a supplementary examination in any subject 5 5 0
- J. For attendance at the course of lectures in Taxation Law - - - - - 7 17 6

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 £100 0 0
- (2) In each of the fourth, fifth and sixth years 90 0 0
- B. For a supplementary examination:
- (1) In any single subject - - - - - 5 5 0
- (2) In any group of subjects - - - - - 10 10 0

XXVI. DEGREE OF BACHELOR OF MUSIC

A. For the entrance examination in the Theory of Music, if required - - - - -	£3 3 0
B. For each year's work and examination - - -	52 10 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	10 10 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 - - - - -	£7 17 6
C. For a supplementary examination in Public Finance - - - - -	3 3 0
D. For the diploma - - - - -	5 5 0

XXIX. DIPLOMA IN PHARMACY

For the diploma - - - - -	£5 5 0
---------------------------	--------

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): £126 payable in two annual instalments of £63 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 - - - - -	£15 15 0
Hygiene - - - - -	7 17 6
Body Mechanics - - - - -	5 5 0
First Aid - - - - -	1 1 0
Practice of Physical Education - - -	10 10 0
History of Education - - - - -	7 17 6
Practical Work, Part I - - - - -	21 0 0

Third-year Course:

Human Physiology - - - - -	15 15 0
Human Nutrition - - - - -	7 17 6
Clinical Observation and Remedial Work - - - - -	7 17 6
Principles of Physical Education - - - - -	10 10 0
Physical Psychology - - - - -	7 17 6
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 - - - - -	7 17 6
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 - - - - -	£7 17 6
In Human Nutrition - - - - -	7 17 6
In Social Work III - - - - -	31 10 0
In each other subject - - - - -	15 15 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 BACHELOR OF ARCHITECTURE

A. For the Ordinary degree:	
(1) For each year's work, including one annual examination - - - - -	£84 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: £15 15 0 each up to a maximum of the annual fee of £84 for the full year's course.	

B. For the Honours degree:

For the additional Honours work and examination	31	10	0
---	----	----	---

XXXIV. DEGREE OF MASTER OF ARCHITECTURE

For work under the direction of a supervisor (if required or undertaken)	-	-	-	-	-	-	£42	0	0
On presentation or re-presentation of the thesis	-	-					10	10	0
On entry for any examination required	-	-					10	10	0
On admission to the degree	-	-					10	10	0

XXXV. DEGREE OF DOCTOR OF PHILOSOPHY

The following fees shall be paid in advance by candidates in such instalments as the Council may determine from time to time:

A. For each term's work for the degree until submission of thesis	-	-	-	-	-	-	£14	0	0
B. On submission of the thesis for examination	-	-					21	0	0
C. On resubmission of thesis, including fees for any additional work required	-	-					31	10	0
D. On admission to the degree	-	-					10	10	0

XXXVI. 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.

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. Whether or not penalties are prescribed in the rules the Librarian may report misconduct or offences to the Board of Discipline for such action as the Board may think fit.

IV. BORROWING OF BOOKS.

1. Members of the Council, Professors and all other members of the academic staff (including part-time lecturers, full-time tutors, full-time demonstrators, and the senior technicians in each Department), 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 and periodicals 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 and such other persons as have been approved shall, in addition to lodging a deposit, pay an annual fee of £1 1s. 0d. They 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) Any book may be marked temporarily for loan for a restricted period of less than fourteen days. There shall be a penalty of one shilling a volume for each day of detention beyond the specified time.
- (iv) 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 up to five pounds for each volume.

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 deprived of Library privileges.

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, research and administrative staff 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. No publications lodged in Departments by permission of the Library Committee may be borrowed for use outside the Departments except through the Barr Smith Library.

10. 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.

Amended, May, 1958, July, 1959, and October, 1959.

LABORATORY RULES AND
RULES APPLICABLE TO STUDENTS ON UNIVERSITY
PREMISES

A. GENERAL

1. The attention of all students is drawn to the by-laws made under the University of Adelaide Act Amendment Act, which are published in the University Calendar and are exhibited on notice boards throughout the University.

2. The Head of a Department may exclude any student from any class in that Department for any cause he shall deem sufficient; and he shall report every such exclusion, and the grounds for it, to the Council through the Chairman of the Board of Discipline. The Council may reverse, vary or confirm the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

3. The possession of fireworks, home-made explosives or explosive material of any kind on the University grounds or in any University building is forbidden.

B. LABORATORIES

1. For students taking regular courses involving laboratory work in the University an appropriate laboratory will be open daily during term time (Saturdays and holidays excepted) at such hours as shall be considered necessary by the Head of the Department concerned. Persons engaged in advanced work or original research may work at such additional times as the Head of the Department may arrange.

2. The facilities of a laboratory will also be made available for original research carried on by students or graduates not proceeding to a degree in the University at such times and under such conditions as the Head of the Department may determine; the fee for use of a laboratory and its facilities, and the charges for materials, to be determined in each case.

3. Whenever necessary and possible, each student will have a definite working place and locker or drawer assigned to him, which he may not change without permission. To avoid congestion, students should not move about the laboratories unnecessarily.

4. Paper and refuse of any kind must be placed in the receptacles provided for the purpose. No solid material of any kind shall be thrown into sinks.

5. Students are responsible for the cleanliness of their apparatus and work places or benches, which must be left clean and tidy after each practical session.

6. All preparations and equipment made from materials supplied by the University shall remain the property of the University.

7. Large or expensive pieces of apparatus will be supplied for use by students only on condition that any damage or breakage is to be made good by the student causing the damage or breakage, on such basis as the Head of the Department may determine.

8. No experiments of a dangerous nature may be performed without the express sanction of the Head of the Department concerned.

9. Any accident must be reported at once to the person currently in charge of the laboratory.

10. The Head of a Department may impose a fine not exceeding £2 for any breach of discipline, misconduct, misuse of apparatus or reagents, or waste of gas, water or electricity. He shall report in writing to the Registrar the amount of such fine, and the reason for it; and the fine shall be paid to the Registrar within seven days of the time of its imposition.

Approved by the Council, April, 1958.

LABORATORY TESTING

The Engineering Testing Laboratory is prepared to undertake all the usual physical tests on engineering materials, such as tests for the tensile, torsional, compressive, and shearing strengths of metals; determination of elastic constants, hardness, and elastic limit; the measurement of the transverse and compressive strengths of timbers, and the determination of the moisture content; tests for cement, and the examination of the suitability of different aggregates for concrete, and tests on the strength and porosity of concrete and other materials.

RULES OF THE NAPIER BIRKS ROOM

1. *Conduct of users*

The room is to be used for purposes of study only. Users must refrain from conduct which will interfere with the comfort of other users.

2. *Persons entitled to use the room*

The room is available for use by students enrolled for second-year or subsequent subjects.

3. *Times of use*

During the academic year the room will be open between 9 a.m. and 11 p.m. on Mondays to Fridays, and from 9 a.m. to 12 noon on Saturdays. At all other times the room will be open during such hours as the Dean of the Faculty of Economics may determine.

4. *Use of books, periodicals, statistical material*

All such material must be returned to the correct place after use.

In no circumstances may such material be removed from the room.

5. *Use of calculating machines*

Calculating machines may be used by students only with the permission of a member of the lecturing staff; except that in the case of students presenting for Economic Statistics I or II or Final Honours, permission to use specific machines for the course of the year will be given by the lecturer. After use, machines must be cleared, switched off and covered, and the plugs must be removed from power-points.

6. *General*

Any student not observing the above rules shall be subject to disciplinary action.

Approved by the Council, October, 1958.

CALENDAR OF
THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1960

PART V

Syllabuses—	PAGE
Arts and Education - - - - -	703
Economics - - - - -	748
Commerce - - - - -	756
Science - - - - -	760
Agricultural Science - - - - -	786
Engineering - - - - -	794
Law - - - - -	816
Medicine - - - - -	823
Dentistry - - - - -	831
Music - - - - -	842
Pharmacy - - - - -	851
Physical Education - - - - -	856
Social Studies - - - - -	860
Physiotherapy - - - - -	863
Architecture and Town Planning - - - - -	868
Technology - - - - -	873
Time-tables - - - - -	899

SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA COURSES FOR 1960

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 a Greek-English lexicon and a Greek grammar.

The subjects of examination are as follows:

1. Greek I.

- (a) Prose composition (Sidgwick, *Greek Prose Composition*, Longmans, Green, will be used).
- (b) Unprepared translation.
- (c) Homer, *Odyssey*, books VI and VII (ed. Stanford, Macmillan).
Herodotus, *book II* (ed. Waddell, Methuen).
Euripides, *Alcestis* (ed. Dale, O.U.P.).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

2. Greek II.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Sophocles, *Oedipus Tyrannus* (ed. Jebb, C.U.P.).
Plato, *Protagoras* (ed. Adam, C.U.P.).
Theocritus (ed. Cholmeley, Bell).
- (d) Greek history 594-404 B.C.. The lectures will be given in the first term. Students should obtain: Hammond, N. G. L., *History of Greece* (C.U.P.).

3. Greek III.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Euripides, *Medea* (ed. Page, O.U.P.) in addition to the books prescribed for Greek II.
- (d) Greek society and thought.
Students should read Kitto, *The Greeks* (Pelican), and Cornford, *Before and after Socrates* (C.U.P.).

LATIN

There are three courses in Latin for the ordinary degree of Bachelor of Arts; they are designated Latin I, Latin II, and Latin III. Except with special permission to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Latin I until he has passed in Latin at the Leaving Examination, or the course in Latin II until he has passed the final examination in Latin I, or the course in Latin III until he has passed the final examination in Latin II.

Every student taking a course in Latin should have a Latin-English lexicon and a Latin grammar.

The subjects of examination are as follows:

5. Latin I.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Horace, *Odes, book I* (ed. Gould and Whiteley, Macmillan).
Livy, *book XXX* (ed. Butler and Scullard, Methuen).
Virgil, *Bucolics* (ed. Page, Macmillan).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

6. Latin II.

- (a) Prose composition (Hardie, *Latin Prose Composition* (Arnold) will be used).
- (b) Unprepared translation.
- (c) Lucretius, *book V* (ed. Duff, C.U.P.).
Horace, *Epistles, book I* (ed. Dilke, Methuen).
Seneca, *Select letters* (ed. Summers, Macmillan).
- (d) The history of the later Republic (202-27 B.C.). The lectures will be given in the second term. Students should obtain M. Cary, *History of Rome* (Macmillan).

7. Latin III.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Tacitus, *Annals, book XIV* (ed. Woodcock, Methuen), in addition to the books prescribed for Latin II.
- (d) The history of the early Empire (27 B.C.-138 A.D.). The lectures will be given in the third term.
- (e) Roman society.
Students should read *Cicero and the Roman Republic* (Cowell, Pelican) and *Daily life in ancient Rome at the height of the Empire* (Carcopino, Pelican).

8. Ancient History.

The course consists of about 52 lectures, comprising 18 lectures on the history of Greece from 594 to 404 B.C., 18 lectures on the history of the Roman Republic from 202 to 27 B.C., and 16 lectures on the history of the Roman Empire from 27 B.C. to 138 A.D.

The course is intended to introduce students to ancient history, whatever their other studies may be, and no knowledge of Greek or Latin is necessary.

A student cannot count as units towards his degree both Ancient History and any of the following: Greek II, Latin II, Latin III.

9. Comparative Philology.

No student may attempt this course unless he has passed in Latin I. The course deals mainly with the Indo-European language group, but includes about 10 lectures on phonetics and general linguistic history and about 20 on elementary Greek. It is designed also to serve as a general introduction to linguistic study.

Text-books:

- (a) Elementary Greek:
Smith, F. Kinchin, and Melliush, T. W., *Teach yourself Greek* (E.U.P.).
- (b) Phonetics:
Ward, I. C., *The phonetics of English* (Heffer).
- (c) Comparative Philology:
Buck, C. D., *Comparative grammar of Greek and Latin* (Chicago U.P.).

11. Classics for the Honours Degree of B.A.

Candidates are recommended to commence Honours work early in their course. The examination will consist of the following papers, each of which will be set for three hours:

- (a) Greek Prose Composition. Two compositions will be required.
- (b) Latin Prose Composition. Two compositions will be required.
- (c) Passages for translation into English from Greek prose authors and poets.
- (d) Passages for translation into English from Latin prose authors and poets.

In papers (c) and (d) credit will be given for style as well as accuracy of translation.

- (e) Greek and Latin Literature.

Sixteen questions will be set on the works of Greek and Latin authors, and candidates will be required to attempt five, taking not more than three from either section of the paper. Wide reading among classical authors will be needed.

- (f) Greek and Roman History.

Candidates will have the choice between the following periods:

Greek: *Either* 499-411 B.C. *or* 411-323 B.C.

Roman: *Either* 82 B.C.-14 A.D. *or* 27 B.C.-69 A.D.

Eight questions will be set on each period for which there are candidates. A total of five questions must be attempted, not more than three being taken from either of the periods chosen. Some acquaintance will be needed with the ancient sources.

- (g) Greek and Roman society, thought and religion.

Sixteen questions will be set, of which candidates will be required to attempt five, taking not more than three from either section of the paper.

Optional papers in Greek and Latin verse composition will be available, and credit will be given for merit shown in them. Proficiency in Greek and Latin verse composition will be denoted by the letters G and L respectively following a candidate's name in the class list.

12. Latin for the Honours Degree of B.A.

Candidates are recommended to commence Honours work early in their course.

The examination will consist of the following papers, each of which will be set for three hours:

- (a) Latin Prose Composition. Two compositions will be required.
- (b) Latin Verse Composition. Candidates may attempt *either* hexameters *or* elegiacs *or* both.*
- (c) Passages for translation into English from Latin prose authors.
- (d) Passages for translation into English from Latin poets.

In papers (c) and (d) credit will be given for style as well as accuracy of translation.

- (e) Latin Literature.

Sixteen questions will be set on the works of Latin authors, and candidates will be required to attempt five. Wide reading among Latin authors will be needed.

- (f) Roman History.
Candidates will have the choice between the periods (i) 133 B.C. to 14 A.D. and (ii) 27 B.C. to 117 A.D. Sixteen questions, of which five must be attempted, will be set on each period for which there are candidates. Some acquaintance will be needed with the ancient sources for the period chosen.
- (g) Roman society, thought and religion.
Sixteen questions will be set, of which candidates will be required to attempt five.
- * Paper (b) will be optional, but credit will be given for merit shown in it. Proficiency in Latin Verse composition will be denoted by the letter L following a candidate's name in the class list.

13. Classics for the Degree of M.A.

The examination will be in the following subjects, of which candidates must take at least one and not more than two:

- (a) Literature.
- (b) Philosophy.
- (c) History.
- (d) Language.

A thesis on a subject approved by the Faculty of Arts may be accepted in place of part or the whole of the above examination.

MODERN LANGUAGES

ENGLISH LANGUAGE AND LITERATURE

There are three courses in English for the Ordinary degree of Bachelor of Arts: English I, English II, and English III. No student proceeding to a degree may, without special permission, take 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.

21. English I.

- I. The history and structure of the English language; English composition and style.
Potter S., *Our language* (Pelican) or Wrenn, C. L., *The English language*.
Gowers, E., *The complete plain words* (H.M.S.O.).
- II. A critical study of the main types of English literature at various periods, with a detailed knowledge of the following books:
- A. Poetry:
Chaucer, *The Nun's Priest's prologue and tale; The tale of the Wife of Bath*.
Milton, *Dramatic poems*, ed. G. and M. Bullough (Athlone Press).
Gray and Collins, *Poems* (O.S.A. edition).
Coleridge, *Poems and prose*, ed. K. Raine (Penguin Poets).
Seven centuries of poetry, ed. A. N. Jeffares.
The Penguin book of Australian verse.
- B. Drama:
Shakespeare, *Richard III; Coriolanus*.
Jonson, *The alchemist*.
Farquhar, *The beaux stratagem*.
Synge, *The playboy of the western world*.
- C. Novel:
Fielding, *Tom Jones*.
Eliot, *Adam Bede*.
Butler, *The way of all flesh*.
Cary, *The horse's mouth*.

D. Prose:

Three Elizabethan pamphlets, ed. G. Hibbard (Harrap).
Swift on his age, ed. C. J. Home (Harrap).
Lawrence, Sea and Sardinia.

Recommended:

Legouis, E., *A short history of English literature*.
 Trevelyan, G. M., *English social history*.
The Pelican guide to English literature, ed. B. Ford.

22. English II.

English literature from 1550 to 1780, with intensive study of a special period. Students will be expected to have a knowledge of the historical background of the special period.

For 1960 the special period will be 1550-1625.

The following books should be studied in detail:

Haydn, H. (ed.), *The portable Elizabethan reader* (Viking Press).
 Spenser, *Epithalamion; Prothalamion; The Faerie Queene, book I*.
 Winny, J. (ed.), *The descent of Euphues* (C.U.P.).
 Shakespeare, *Venus and Adonis; Love's labour's lost*.
 Donne, *Poems*.
 Gardner, H. (ed.), *The metaphysical poets* (Penguin Poets).
 Massinger, *A new way to pay old debts*.

Milton, *Paradise lost*.
 Dryden, *Essay of dramatic poesy; Satires*.
 Etherege, *The man of mode*.
 Congreve, *The way of the world*.
 Defoe, *Moll Flanders*.
 Swift, *Gulliver's travels*.
 Pope, *Poems; Epistles and satires*.
 Lillo, *The London merchant*.
 Richardson, *Pamela*.
 Johnson, *Poems; Rasselas*.
 Goldsmith, *The citizen of the world*.

Recommended:

The Oxford books of sixteenth, seventeenth and eighteenth century verse.

23. English III.

English literature since 1780, with intensive study of a special period; Australian literature; Shakespeare; principles and practice of literary criticism.

A. For 1960 the special period will be 1780-1830.

B. The following books should be studied in detail:

The poems of Crabbe, Wordsworth, Coleridge, Byron, Shelley and Keats.
 Edgeworth, *Castle Rackrent*.
 Austen, *Emma*.
 Scott, *The Heart of Midlothian*.
 Peacock, *Nightmare Abbey*.
 De Quincey, *Confessions of an English opium eater*.
 Hazlitt, *The spirit of the age*.
 Lamb, *Letters*.
 The poems of Browning and T. S. Eliot.
 Eliot, *Middlemarch*.
 Hardy, *Tess of the D'Urbervilles*.
 Joyce, *Portrait of the artist as a young man*.

C. Australian literature:

The Penguin book of Australian verse.

Gordon, A. L., *Poems.*

Richardson, H. H., *The fortunes of Richard Mahony.*

Durack, M., *Keep him my country.*

Hay, W., *The escape of Sir William Heans.*

Students will be expected to acquaint themselves with the contemporary situation in Australian literature.

D. Shakespeare:

The history plays will be studied in 1960.

E. Principles and practice of literary criticism:

Wain, J. (ed.), *Contemporary reviews of romantic poetry* (Harrap).

English critical essays, twentieth century, Vols. 1 and 2 (World's Classics).

Daiches, D., *Critical approaches to literature.*

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.
- (ii) Middle English.
- (iii) History of the English language.
- (iv) Chaucer to Dunbar.
- (v) Shakespeare and the Elizabethan drama.
- (vi) Skelton to Milton.
- (vii) Dryden to Blake.
- (viii) Wordsworth to the present day.
- (ix) Literary criticism: passages for comment.
- (x) History and principles of literary criticism.
- (xi) Essay.
- (xii) Australian literature.
- (xiii) American literature.
- (xiv) Canadian or other Commonwealth literature.

Candidates will be required to attend classes and 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.

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 an extension is granted. Details of the Final Honours papers are 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), (xi) and (xii).
 These papers must be taken at the end of the first year's study.
 2. (a) Final Honours paper (ix).
 (b) Australian History.
 (c) Special subject in Australian, New Zealand, Canadian or other Commonwealth Literature, or in American Literature.

Students who have taken a satisfactory Honours degree or have qualified under *Scheme C* or *Scheme D* are required to write a thesis, concerning the subject of which they should consult the Professor as early as possible, and should be prepared to submit the subject for the approval of the Faculty not later than the end of March in the year in which the thesis is to be presented.

FRENCH LANGUAGE AND LITERATURE.

There are three courses in French for the ordinary degree of Bachelor of Arts; they are designated French I, French II and French III. 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.

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).

Grevisse, *Le bon usage* (Paris, Geuthner).

Hanse, *Dictionnaire des difficultés grammaticales et lexicologiques*
 (Amiens, Editions Scientifiques et Littéraires).

Harrap's Standard French and English Dictionary, Vols. 1 and 2.

Charles Petit, *Dictionnaire français-anglais et anglais-français*, Vols. 1
 and 2 (Paris, Hachette).

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).
 Cornell, *Cinq Maîtres du conte français* (Shakespeare Head Press).
 Anouilh, *Le bal des voleurs*, ed. Howarth (Harrap).
- (c) Orals.
 Prescribed books:
 Molière, *Le malade imaginaire* (Classiques Larousse).
 Marks, *op. cit.*
 Anouilh, *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.
 For reference:
 Plinval, *Précis d'histoire de la littérature française* (Hachette) or
 Van Tieghem, *Histoire de la littérature française* (Payard).
 Jasinski, *Histoire de la littérature française*, Vols. 1 and 2 (Boivin).
- (e) Explication de textes.
 Prescribed books:
 Corneille, *Le cid* (Classiques Larousse).
 Marks, *op. cit.*
 For reference:
 Pouget, *L'Explication française au baccalauréat* (Hachette).
 Crouzet et Desjardins, *Méthode française et Exercices illustrés*, Vol. 3
 (Paris, Didier).
- (f) Elementary geography of France; History of French civilisation; Contemporary French life and culture.
 For reference:
 Huby, *Cours d'histoire*, Vols. 1-5 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 civilization*,
 (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 Prize, 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:
 Ritchie, *A new manual of French composition* (C.U.P.).
 For reference: As for French I, together with:
 Hatzfeld, Darmesteter et Thomas, *Dictionnaire général de la langue française*, 2 vols.
 Bailly, *Dictionnaire des Synonymes* (Larousse).
 Maquet, *Dictionnaire analogique* (Larousse).
Le Larousse du XXe siècle, 6 vols.
- (b) Translation of unseen and prescribed French texts into English.
 Prescribed books:
 Du Bellay, *Œuvres choisies* (Classiques Larousse).
 La Bruyère, *Les caractères*, 2 vols. (Classiques Larousse).
 Voltaire, *Lettres philosophiques*, ed. Taylor (Blackwell).

(c) Orals.

(d) Literature: From 1550 to 1800.

Questions for special study in 1960:

Term I: *Les moralistes de l'époque de Louis XIV.*

Term II: *Le théâtre de Racine.*

Term III: *Rousseau, précurseur du Romantisme.*

Prescribed books:

Lagarde et Michard, *XVIe Siècle* (from p. 91), *XVIIe Siècle* and *XVIIIe Siècle* (Paris, Bordas).

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).

Green, *The ancien régime* (Edinburgh U.P.).

Lough, *Introduction to seventeenth century France* (Longmans).

Funck-Brentano, *L'ancien régime* (Paris, Flammarion).

Bornecque, *La France et sa littérature*, tome I (Lyon, Editions I.A.C.).

Bénac, *Vocabulaire de la dissertation* (Hachette).

Cayrou, *Le français classique* (Didier).

Haase, *Syntaxe française du XVIIe siècle* (Delagrave).

Grete, *Dictionnaire des lettres françaises* (XVIe et XVIIe siècles), 2 vols.

(e) Explication de textes.

Prescribed books:

Molière, *Le Tartuffe* (Classiques Larousse).

Racine, *Bérénice*, ed. Maguinness (Manchester U.P.).

Rousseau, *Les Rêveries du promeneur solitaire*, ed. Niklaus (Manchester U.P.).

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:

Ritchie, *A new manual of French composition* (C.U.P.).

For reference: As for French I and II.

(b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Balzac, *Eugénie Grandet* (ed. Allem; Garnier).

Flaubert, *Trois contes* (ed. Duckworth; Harrap).

Romain Gary, *Les Racines du ciel* (Gallimard).

(c) Orals.

(d) Literature: The nineteenth and twentieth centuries.

Questions for special study in 1960:

Term I: *Baudelaire, poète et théoricien de l'art.*

Term II: *Le roman français entre 1830 et 1870.*

Term III: *Le roman français entre 1830 et 1870.*

Prescribed books:

Lagarde et Michard, *XIXe Siècle* and *XXe Siècle* (Paris, Bordas).

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).

Bornecque, *La France et sa littérature*, tome II (Lyon, Editions I.A.C.).

(e) Explication de textes.

Prescribed books:

- Baudelaire, *Poésies choisies* (ed. Ferran; Hachette).
 Parnée, *Twelve French poets—1820 to 1900* (Longmans).
 Giraudoux, *La guerre de Troie n'aura pas lieu* (ed. Godin; Univ. of London Pr.).

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'École).

(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'École).

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).
Maître 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, *Ceuvres* (ed. Longnon-Foulet; Champion); Rabelais, *Gargantua and Pantagruel*, 2 vols (ed. Plattard; Paris, Les Belles Lettres); Montaigne, *Selected essays* (ed. Tilley-Boase; Manchester U.P.).

Under (ii) and (iv), three essays, to be written in French, will be set in each year on subjects drawn from the reading courses set out in the 1955 Calendar, pp. 563-565.

In their second, third and fourth years Honours students shall attend special weekly tutorials and perform the exercises there prescribed, these being mainly advanced *Exposés* and *Explications de textes* based both on the work for the Ordinary Degree and on the Honours reading lists (see 1955 Calendar, pp. 563-565). In this connexion, students should make themselves familiar with the following basic manuals:

- Dupouy, *Géographie des lettres françaises* (Colin).
 Genest, *Dictionnaire des citations françaises* (Nathan), or
 Guerlac, *Les citations françaises* (Colin).
 Ousset, Vier et Guérin, *Recueil de pages françaises*, 5 vols. (Paris, Les Elites françaises).
 Bouvier-Jourda, *Guide de l'étudiant en littérature française* (Presses universitaires).
 Marouzeau, J., *Lexique de 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 four courses in German for the Ordinary degree of Bachelor of Arts: they are designated German IA, German I, German II and German III. In German IA and I there will be two pass standards, a higher and a lower, designated Division I and Division II respectively. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in German I until he has passed in German at the Leaving Examination or take the course in German II until he has passed the final examination at the higher level, in German IA or I, or the course in German III until he has passed the final examination in German II. There are no prerequisites for the German IA course, but the annual examination for this course will be in February of the year following the year in which the course is given, in order to give the students taking it time to read intensively after they have mastered the language.

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.

40. German IA.

This is a special course designed to teach those who have no knowledge of German; it takes them in one year to the level of German I. In the first term there will be four hours' language work a week and a further class designed to introduce the German background, geography, cultural history and social institutions. In the second and third terms this class will be introduced to the history and criticism in *English* of German Literature. During the third term students will begin the study of the texts set for German I literature study: this work is to be continued over the vacation until the examination in the following February, at the time of the University supplementary examinations.

Set books:

(a) Language work: For 1st term:

The German Department's Rapid Course (to be obtained from the Department).

12 *Erzählungen für Anfänger* (Bell).

For 2nd term:

Russon, L. J., *Complete German course* (Longman).

Etwas zum Lachen (Bell).

Hie und da (Bell).

(b) Introduction to German literature:

Robertson, J. G., *History of German literature*.

Schiller, *Kabale und Liebe* (Blackwell).

Lessing, *Minna von Barnhelm* (Macmillan).

Eichendorff, *Aus dem Leben eines Taugenichts* (Harrap).

Keller, *Romeo und Julia auf dem Dorfe* (Harrap).

Hauptmann, *Bahnwärter Thiel* (Blackwell).

Waidson, H. M. (ed.), *German short stories, 1945-55* (C.U.P.).

(c) Background to German life and culture:

See section (b) of German I.

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.

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:

Natan, A., *Neues Deutschland* (Macmillan).
Aus altdeutscher Zeit, Vols. 1 and 2 (Klett, Stuttgart).
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.

Students are expected to buy these books.

In addition, those students who wish to do so may buy Flenley, R., *History of German*, which will also be used as a text-book. There is a limited number of these available for short-term loan from the Department.

- (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).
 Schiller, *Kabale und Liebe* (Blackwell).
 Keller, *Die drei gerechten Kammacher* (Harrap).
 Eichendorff, *Aus dem Leben eines Taugenichts* (Harrap).
 Hauptmann, *Bahnwärter Thiel* (Blackwell).
 Waidson, H. M. (ed.), *German short stories, 1945-55* (C.U.P.).

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. Attention is once more drawn to the practice afforded by meetings of the Deutscher Verein and Goethe Society. Notices of these 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, 1780-1900. Class lectures are given.

Books set for study:

Goethe, *Novelle* (Insel).
 Kleist, *Three stories*, ed. Garland (Manchester U.P.).
 Tieck, *Der blonde Eckbert* (Reclam or Blackwell).
 Brentano, *Geschichte vom braven Kasperl* (Reclam or Blackwell).
 Eichendorff, *Aus dem Leben eines Taugenichts* (Harrap).
 Gotthelf, *Die schwarze Spinne* (Reclam or Blackwell).
 Droste-Hülshoff, *Die Judenbuche* (Harrap or Insel).
 Mörike, *Mozart auf der Reise nach Prag* (Harrap).
 Stifter, *Bergkristall* (Harrap or Insel).
 Grillparzer, *Der arme Spielmann* (C.U.P.).
 Keller, *Kleider machen Leute* (Harrap).
Die drei gerechten Kammacher (Harrap).
Der Landvogt von Greifensee (Blackwell).

Storm, *Renate* (Reclam).
In St. Jürgen (Dent).
Der Schimmelreiter (Methuen).

Meyer, *Das Amulett* (Bell).
 Mann, *Tod in Venedig* (Fischer P.B. No. 54).

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 available edition.
 Goethe, *Götz von Berlichingen* (Macmillan).
Iphigenie (O.U.P. or Nelson).
Wilhelm Meisters Lehrjahre, Books 1-3, any edition.
Faust, Part I (Harrap).

Schiller, *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. Attention is once more drawn to the practice afforded by meetings of the Deutscher Verein and the Goethe Society. Notices of these 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).

- (b) History of German literature in the 20th century. Class lectures are given.
 Books set for reading:

Flügel der Zeit (Fischer P.B. No. 113).
 Mann, T., *Two stories*, ed. Witte (Nelson).
 Hesse, *Demian* (Suhrkamp).
 Bergengruen, *Die drei Falken* (Blackwell).
 Carossa, *Ungleiche Welten*, ed. Pollak (Macmillan).
 Huch, *Der letzte Sommer* (Insel).
 Andres, *Wir sind Utopia* (Piper).
 Goes, *Unruhige Nacht* (Wittig).
 Fallada, *Kleiner Mann, was nun?* (Rowohlt P.B.).
 Kaiser, *Bürger von Calais* (Kessler).
 Zuckmayer, *Der Hauptmann von Köpenick*.
 Brecht, *Mutter Courage und ihre Kinder* (Reclam No. 8390).
 Hochwälder, *Das heilige Experiment* (Harrap).
 Eich, *Träume* (Suhrkamp).

- (c) German drama from 1805 to the present day. Class lectures are given.

Books set for reading:

- Kleist, *Der zerbrochene Krug* (Macmillan).
 Kleist, *Prinz Friedrich von Homburg* (Harrap).
 Büchner, *Woyzeck* (Goldmann P.B. No. 395).
 Büchner, *Dantons Tod* (Goldmann P.B. No. 395).
 Grillparzer, *König Ottokars Glück und Ende* (Blackwell).
 Hebbel, *Maria Magdalena* (Blackwell).
 Hebbel, *Agnes Bernauer* (Harrap).
 Holz and Schlaf, *Die Familie Selicke* (Cambridge Plain Texts).
 Hauptman, *Die Weber* (Cambridge Plain Texts).
 Wedenkind, *Frühlingserwachen*.
 Schnitzler, *Liebelei*.

Lists of background reading will be issued at the first class-meeting.

44. Older German Language and Literature I.

- (a) The first year of a two-year course in the history of the German language.

Recommended books:

- Priebsch and Collinson, *The German language* (Faber).
 Bloomfield, *Language* (Holt).
 Moser, *Deutsche Sprachgeschichte*.
 Palmer, *Introduction to modern linguistics* (Macmillan).
 Prokosch, *Comparative Germanic grammar*.
 Potter, *Modern linguistics* (Deutsch).

- (b) A course in the history of the German lyric. Texts and detailed reading-list will be issued by the Department of German.

Recommended books:

- Klein, *Geschichte der deutschen Lyrik*.
 Praver, *German lyric poetry* (Routledge).

- (c) A course on Goethe's *Faust*. The course embraces all versions of both parts of the drama; and also T. Mann's *Dr. Faustus*. Further information and reading-lists will be made available at the first class-meeting. For preliminary reading students are referred to Gillies, Buchwald and Emrich.

45. Older German Language and Literature II.

- (a) The second year of a two-year course in the history of the German language. For recommended books see the short list given above. This year is specifically concerned with developments in the German languages from Gothic and Old High German to the modern tongue.

- (b) A course on the History of German literature from the Reformation to the Thirty Years' War.

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).

Reading-lists and further stencilled texts will be issued by the Department of German.

- (c) A course of intensive study of *two* out of the following authors: T. Mann, Hesse, Bergengruen, Carossa. Works by these authors are to be studied in course (b) of German III and this more intensive work will be carried on side with that course.

48. German for the Honours Degree of B.A.

Students taking the Honours course in German are required:

- i. to pass in German IA or I, German II and German III;
- ii. to do additional Honours work in the second and third years;
- iii. to pass in Older German Language and Literature I and II as set out above;
- iv. to devote the fourth year to Honours work in literature and philology.

During their Final year, students will prepare a dissertation showing some evidence of original research on an aspect of German literature or language. Choice of subject must be made at the beginning of the first term after consultation with the Head of the Department of German. They will also attend:

- (a) a course of Middle High German philology and literature;
- (b) an occasional seminar-course on certain aspects of the literature of the Aufklärung period.

The above merely outlines the courses to be pursued. Further information should be obtained by applying to the Department of German.

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.

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:

- Buckley, R. W., *Essential German for science students* (U.L.P.).
- de Vries, Louis, *German-English science dictionary* (McGraw-Hill).

- (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 four 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.

There are seven courses. A student proceeding to a degree must pass in History I (A or B or C) or Politics I before he may take History IIA; in History I (A or B or C) or Politics I or Economics I or Social Economics before he may take History IIB; and in History II (A or B) before he may take History III (A or B).

History IA, B and C are alternative courses available to all students, but those intending only one course in History should not take History IA. Candidates for the Diploma of Social Studies are recommended to take History IB and Law students are recommended to take History IC.

51. History IA.

Europe and the world it encountered, 1500-1800.

A first-year course; no pre-requisite; exemption may be granted in 1960 to students who can show that they have access to an adequate library; not available to exempted students after 1960.

Duplicate copies of a number of useful primary and secondary sources can be borrowed from the History Book Club, which students are advised to join.

The following are recommended for preparatory reading:

- Ergang, R., *Europe from the Renaissance to Waterloo.*
- Nehru, J., *Glimpses of world history.*

Students should have:

- Bainton, R. H., *The age of the Reformation.*
- 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.

52. History IB.

Economic and Social History of Modern Britain.

A study of economic and social change in Britain since the end of the eighteenth century, with some Australian comparisons. Available to exempted students. Those who intend to take History IIB are recommended (though not required) to take this course.

Preliminary reading:

- Gregg, Pauline, *A social and economic history of Britain, 1760-1950*.
 Trevelyan, G. M., *English social history*.

Some useful books:

- Ashton, T. S., *The industrial revolution 1760-1830*.
 Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic history—select documents*.
 Briggs, A., *The age of improvement*.
 Cole, G. D. H., *Introduction to economic history*.
 Court, W. H. K., *A concise economic history of Britain from 1750 to recent times*.
 Halévy, E., *A history of the English people in the nineteenth century*, Vol. I, *England in 1815*.
 Hall, M. Penelope, *The social services of modern England*.
 Mowat, C. L., *Britain between the wars 1918-1940*.
 Shann, E., *An economic history of Australia*.
 Thomson, D., *England in the nineteenth century: 1815-1914* (Penguin).

53. History IC.

British History.

A study of the general and constitutional history of Britain from the middle ages to present times. The course is open to Arts students as an alternative to History IA and IB, and is also of special interest to Law students; it has no pre-requisite; may serve as pre-requisite for History II (A or B); and is not available to exempted students.

Books:

- There is no prescribed text-book, but students are advised to buy the following volumes of *The Pelican History of England*:
 Myers, A. R., *England in the late middle ages*.
 Bindoff, S. T., *Tudor England*.
 Ashley, M., *England in the seventeenth century*.
 Plumb, J. H., *England in the eighteenth century*.
 Thomson, D., *England in the nineteenth century*.

Reference books:

- Sayles, G. O., *Select cases in the Court of King's Bench*, Vol. III (Seldon Society Publications, Vol. 58, 1939).
 Tanner, J. R., *Tudor constitutional documents*.
 Gardiner, S. R., *Constitutional documents of the Puritan Revolution*.
 Douglas, D. C. (ed.), *English historical documents*, Vol. XII, Part I, 1833-1874 (Young, G. M., and Hancock, W. D. (ed.)).
 Costin, W. C., and Watson, J. S., *The law and working of the constitution: documents, 1660-1914*.
 Keir, D. L., *The constitutional history of modern Britain*.
 Trevelyan, G. M., *English social history* (Longmans).
 Adams, C. B., *Constitutional history of England*.
 Pollard, A. F., *The evolution of parliament*, 2nd edition (London, 1926).
 Holdsworth, W., *The history of English law*.

54. History IIA.

Europe since 1815.

Pre-requisite: History I (A or B or C) or Politics I; available to exempted students.

The course has two parts: general history, for which some reading is suggested below, and a special subject, to be chosen from alternative topics and reading lists which will be issued from time to time.

Preliminary reading:

Ergang, R., *Europe since Waterloo*.

Chambers, F. P., Harris, C. P., and Bayley, C. C., *This age of conflict*.

A good general history book:

Thomson, D., *Europe since Napoleon*.

Other useful books:

Langer, W. (ed.), series *The rise of modern Europe*:

Artz, F. B., *Reaction and revolution, 1814-32*.

Binkley, R. C., *Realism and nationalism, 1852-71*.

Hayes, C. J. H., *A generation of materialism, 1871-1900*.

Morazé, C., and Wolff, P., *L'Époque contemporaine*.

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*.

Halévy, 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 Hapsburg 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*.

55. History IIB.

British Economic History.

Pre-requisite: History I (A or B or C) or Politics I or Economics I or Social Economics; available to exempted students only in special circumstances.

A study of the economic history of Britain and her interests and dependencies oversea in the seventeenth and eighteenth centuries, with attention to seminars to the economic policy and thought of the period.

Preliminary reading:

Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D. 1750*, chapters 6-9.

Court, W. H. B., *A concise economic history of Britain from 1750 to recent times*, chapters 1-7.

Lipson, E., *The economic history of England*, Vols. II and III, *The age of mercantilism*.

The Cambridge History of the British Empire, Vol. I, *The old regime from the beginning to 1783* (relevant sections).

Other useful books:

- Ashton, T. S., *An economic history of England—the eighteenth century*.
 Ashton, T. S., *The industrial revolution, 1760-1830*.
 Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic history*
 —select documents.
 Clark, G. N., *The seventeenth century*.
 Halévy, E., *A history of the English people in 1815*.
 Kennedy, W., *English taxation, 1640-1799—an essay on policy and*
opinion.
 Mantoux, P., *The industrial revolution in the eighteenth century*.
 Richards, R. D., *The early history of banking in England*.
 Unwin, G., *Industrial organisation in the sixteenth and seventeenth cen-*
turies.
 Schuyler, R. L., *The fall of the old colonial system—a study in British*
free trade, 1770-1870.
 Furber, H., *John Company at work—a study of European expansion in*
India in the late eighteenth century.
 Krishna, B., *Commercial relations between India and England, 1601-1757*.
 Sutherland, L. S., *The East India Company in eighteenth century politics*.
 Davies, K. G., *The Royal African Company*.
 Hinton, R. W. K., *The Eastland trade and the common weal in the seven-*
teenth century.
 McLachlan, J. O., *Trade and peace with Old Spain, 1667-1750*.
 Wilson, Charles, *Anglo-Dutch commerce and finance in the eighteenth*
century.
 Heckscher, E., *Mercantilism*, revised edition.
 Johnson, E. A. J., *Predecessors of Adam Smith*.
 Roll, Eric, *A history of economic thought*.
 Smith, Adam, *The wealth of nations*.
 Tawney, R. H., *Religion and the rise of capitalism*.
 Whittaker, E., *A history of economic ideas*.
 Viner, J., *Studies in the theory of international trade*, chapters 1-4.

56. History IIIA.

Pre-requisite: History II (A or B); available to exempted students only in special circumstances.

First Term: A general survey of European overseas expansion with emphasis on the changing patterns of colonial administration, law, politics, and economics, the opening of empty continents, and the impact of empire on native races in colonies and protectorates. This introduction will be followed in

Second and Third Terms by:

- (a) *Australian History:* A study of European settlement, and especially of the transplanting of institutions, in a new environment;
 or
 (b) *Far Eastern History:* A study of the national and international affairs of China, Japan, and South-east Asia since 1800;
 or
 (c) *European Economic History:* A study of the economic history of the continent and of European interests and dependencies overseas since 1815.

(Alternative (c) will not be offered in 1961.)

Books:

General:

- Smith, H. N., *Virgin land, The American West as symbol and myth*.
 Hancock, W. K., *Argument of empire*.
 Hancock, W. K., *Wealth of colonies*.
 Hobson, J. A., *Imperialism*.
 Perham, M. F., *Lugard*.
 Thornton, A. P., *The imperial idea and its enemies*.
 Cary, J., *Mister Johnson*.
 Grimble, A. F., *Pattern of islands*.
 Maine, H. J. S., *Ancient law*.
 Gann, L. H., *The birth of a plural society*.

Australian History:

Students should have:

Clark, M. (ed.), *Sources of Australian history*.

Other useful books:

Clark, C. M. H. (ed.), *Select documents in Australian history, 1788-1850*.

Clark, C. M. H. (ed.), *Select documents in Australian history, 1851-1900*.

Reference books:

Crawford, R. M., *Australia*.

Fitzpatrick, B., *The Australian people, 1788-1945*.

Fitzpatrick, B., *The Australian Commonwealth*.

Fitzpatrick, B., *The British Empire in Australia, 1834-1939*.

Greenwood, G. (ed.), *Australia, a social and political history*.

Hancock, W. K., *Australia*.

Shann, E., *An economic history of Australia*.

Shaw, A. G. L., *The story of Australia*.

Baker, S. J., *The Australian language*.

Boyd, R., *Australia's home*.

Murtagh, J. G., *Australia, the Catholic chapter*.

Pike, D., *Paradise of dissent*.

Smith, B., *Place, taste and tradition*.

Ward, R., *The Australian legend*.

Far Eastern History:

Preliminary reading:

Vinacke, H. M., *A history of the Far East in modern times*.

Clyde, P. H., *The Far East*.

Other useful books:

Hudson, G. F., *The Far East in world politics*.

Fitzgerald, C. P., *China in revolution*.

Fitzgerald, C. P., *Flood tide 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*.

Brandt, C., Schwartz, B., and Fairbanks, J. (eds.), *A documentary history of Chinese communism*.

Sun Yat-sen, *San Min Chu I*.

Chiang Kai-shek, *China's destiny*.

Mao tse-tung, *On contradiction*.

Mao tse-tung, *New democracy*.

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*.

Furnivall, J. A., *Netherlands India*.

Economic History:

Preliminary reading:

Ashworth, W., *A short history of the international economy, 1850-1950*.

Clough, S. B., and Cole, C. W., *Economic history of Europe, Part III, 3rd or later editions*.

Condliffe, J. B., *The commerce of nations, Parts III and IV*.

Ferenczi, I., and Willcox, W. F. (eds.), *International migrations*.

Hawtrey, R. G., *Economic aspects of sovereignty*.

Hayek, F. A., and others, *Capitalism and the historian*.

Hubbard, G. E., *Eastern industrialisation and its effect on the West, 2nd or later edition*.

Lewis, W. A., *The theory of economic growth*.

Other useful books:

Clapham, J. H., *Economic development of France and Germany, 1815-1914*.

Clapham, J. H., *An economic history of modern Britain*.

Eyre, E. (ed.), *European civilisation, its origin and development, Vol. I, The economic history of Europe since the Reformation, relevant sections*.

- Henderson, W. O., *Britain and industrial Europe, 1750-1870*.
 Knowles, L. C. A., *Economic development in the nineteenth century—France, Germany, Russia and the United States*.
 Lewis, W. A., *Economic survey: 1919-1939*.
 Clough, S. B., *France—a history of national economics, 1789-1939*.
 Dunham, A. L., *The Anglo-French treaty of commerce of 1860 and the progress of the industrial revolution in France*.
 Haight, F. A., *A history of French commercial policies*.
 Priestley, H. I., *France overseas—a study of modern imperialism*.
 Bruck, W. F., *Social and economic history of Germany from William II to Hitler, 1888-1938*.
 Townsend, M. E., *The rise and fall of Germany's colonial empire, 1884-1918*.
 Aron, R., and others, *The Soviet economy—a discussion*.
 Baykov, A., *The development of the Soviet economic system*.
 Lyashchenko, P. I., *History of the national economy of Russia to the 1917 revolution, relevant sections*.
 Mavor, J., *An economic history of Russia*.
 For general reference:
Encyclopaedia of the social sciences.

57. History IIIB.

American History.

A History of the United States of America since 1783.

Pre-requisite: History II (A or B); available to exempted students only in special circumstances.

Preliminary reading:

- Faulkner, H. U., *Economic history of the United States* (Macmillan).
 Nye, R. B., and Morpurgo, J. E., *History of the United States* (Pelican).
 Allen, H. C., and Hill, C. P. (ed.), *British essays in American history* (Arnold).
 Thistlewaite, F., *The great experiment* (C.U.P.).
 Morris, R. B., *Basic documents in American history* (Anvil).

Some useful books:

- Staff, Social Science I, The College of the University of Chicago (eds.), *The people shall judge. Readings in the formation of American policy*, Vols. 1 and 2 (University of Chicago Press).
 Manning, T. G., and Potter, D. M., *Select problems in historical interpretation*, Vols. 1 and 2 (Holt).
 Commager, H. S., *Documents of American history, 1492-1949* (Appleton-Century-Crofts).
 Hacker, L. M., and Zahler, H., *The shaping of the American tradition*, Vols. 1 and 2 (Columbia U.P.).
 Craven, A., Johnson, W., and Dunn, F. R., *A documentary history of the American people* (Ginn).
 Birley, R., *Speeches and documents in American history*, Vols. 1-4 (O.U.P.).
 Department of American Studies, Amherst College (eds.), *Problems in American civilisation. Selected readings* (Heath).
 U.S. Bureau of the Census, *Historical statistics of the United States, 1789-1945* (U.S. Government Printing Office).
 Morrison, S. E., and Commager, H. S., *Growth of the American republic*, Vols. 1 and 2 (O.U.P.).
 Beard, C. A. and Mary R., *The rise of American civilisation* (Macmillan).
 Turner, F. J., *The frontier in American history* (Holt).
 Hacker, L. M., and Kendrick, B. B., *The United States since 1865* (Appleton-Century-Crofts).
 Gabriel, R. H., *The course of American democratic thought* (Arnold).
 Wright, C. W., *Economic history of the United States* (McGraw-Hill).
 Brogan, D. W., *An introduction to American politics* (Hamish Hamilton).
 Bailey, T. A., *Diplomatic history of the United States* (Appleton-Century-Crofts).

- Kennan, G. F., *American diplomacy, 1900-1950* (Secker and Warburg).
 Lynch, D., *The concentration of economic power* (Columbia U.P.).
 Bellott, H. H., *American history and American historians* (University of London Press).

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 History I (A or B or C), History II (A or B), History IIIA, another third-year course and not more than four first-year courses);
- (b) to undertake such honours work as may be required in connection with some of these courses;
- (c) to be able to translate from 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.

Five courses are offered in this Department: Politics I, IIA, IIB, IIIA, and IIIB. The course in Politics I (The Modern Democratic State) was listed formerly as Politics II, and that in IIB (Public Administration) was previously Politics IIIA. Students who have already commenced their courses will be allowed to complete their sequences under the old Regulations, and for this purpose count what is now Politics I as a second-year course, and Politics IIB as a third-year course.

Except by special permission of the Faculty of Arts, Politics I must be completed before Politics II (A or B) is taken; Politics II (A or B) completed before Politics IIIA is taken; and Politics II (A or B) or History IIA before Politics IIIB is taken. Students are strongly recommended to complete History IIA before taking Politics IIIB, and to note carefully, therefore, the pre-requisites for History IIA.

The books recommended are not intended to be an exhaustive list; they are suggestions as to how the lectures should be supplemented.

Essays and written exercises are regarded as an integral part of the courses, and students will be allowed to sit for the annual examinations only if their written work has been satisfactory.

61. Politics I.

The Modern Democratic State.

A first-year course; no pre-requisite; available to external students. (Can be counted as a second-year course by students completing their sequences under the old regulations.)

In this course two terms are devoted to an analysis of the institutions which are characteristic of modern parliamentary democracies. Attention is directed mainly to the principles and general features of the British and Australian constitutions, but some reference is also made to the U.S.A. and other countries. In the third term, an examination is made of the basic beliefs and assumptions of a democracy.

Preliminary reading:

- MacKenzie, K., *The English parliament* (Pelican).
 Chrimes, S. B., *English constitutional history* (H.U.L.).
 Trevelyan, G. M., *History of England* (Longmans).

Students should procure:

- Pickles, D. M., *Introduction to politics* (Sylvan Press).
 Miller, J. D. B., *Australian government and politics* (Duckworth).
 Sawyer, G., *Australian government today* (M.U.P.).
 Lindsay, A. D., *The essentials of democracy* (O.U.P.).

Essential references:

- Mill, J. S., *On liberty* (Blackwell).
 Marx, K., and Engels, F., *The Communist Manifesto* (Allen and Unwin).
 Lipson, L., *The great issues of politics* (Prentice-Hall).
 Barker, E., *Reflections on government* (O.U.P.).
 Wheare, K. C., *Modern constitutions* (O.U.P.).
 Jennings, W. I., *Parliament* (C.U.P.).
 Morrison, H., *Government and parliament* (O.U.P.).
 Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).
 Lippmann, W., *Public opinion* (Macmillan).
 Overacker, L., *The Australian party system* (O.U.P.).

Other useful references:

- Soltau, R. H., *Introduction to politics* (Longmans).
 Commager, H. S., *Freedom, loyalty, dissent* (O.U.P.).
 Tawney, R. H., *Equality* (Allen and Unwin).
 Ewing, A. C., *The individual, the state and world government* (Macmillan).
 Laski, H. J., *A grammar of politics* (Allen and Unwin).
 Carew Hunt, R. N., *The theory and practice of Communism* (Bles).
 Friedrich, C. J., and Brzezinski, Z. K., *Totalitarian dictatorship and auto-cracy* (Harvard).
 Eisenstein, W., *Modern political thought* (Rinehart).
 Utley, T. E., and Maclure, J. S., *Documents of modern political thought* (C.U.P.).
 Amery, L. S., *Thoughts on the constitution* (O.U.P.).
 Taylor, E., *The House of Commons at work* (Pelican).
 Friedrich, C. J., *Constitutional government and democracy* (Ginn).
 Sawyer, G. (ed.), *Federalism—an Australian jubilee study* (Cheshire).
 Greenwood, G., *The future of Australian federalism* (M.U.P.).
 Report, *Royal commission on the press* (H.M.S.O., 1949).

62. Politics IIA.

Comparative Government.

A second-year course; pre-requisite: Politics I; available to exempted students.

This course will be concerned with the comparative study of certain political institutions and problems, with examples drawn mainly from Russian and American government, but including references to Canadian, French and German systems. Some of the questions it is hoped to consider are: the setting in which political decisions are made, particularly federalism and problems of federal government; the makers of decisions—elites; the procedures of politics; practical politics, parties and pressure groups; the performance of the systems under consideration.

Preliminary reading:

- Sumner, B. H., *Survey of Russian history* (Duckworth).
 Some general account of the government of the U.S.A. (There are numerous college texts that are suitable.)

Students should procure:

- Fainsod, M., *How Russia is ruled* (Harvard).
 Brogan, D., *An introduction to American politics* (Hamish Hamilton).

Other useful books:

- Hamilton, Madison and Jay, *The Federalist* (Blackwell).
 Wheare, K. C., *Federal government* (O.U.P.).
 Carew Hunt, R. N., *The theory and practice of communism* (Bles).
 Finer, H., *Theory and practice of modern government* (Methuen).

- Brady, A., *Democracy in the dominions* (Toronto U.P.).
 Scott, D. J. R., *Russian political institutions* (Allen and Unwin).
 White, L. D., et al., *The civil service abroad* (McGraw-Hill).
 Chapman, B., *The profession of government* (Allen and Unwin).
 Barker, E., *The development of public services in Western Europe, 1660-1930* (O.U.P.).
 Cole, T., *The Canadian bureaucracy* (Duke U.P.).
 Rostow, W. W., *The dynamics of Soviet society* (Norton).
 Report, *Royal commission on dominion-provincial relations* (Government Printer, Ottawa).
 Key, V. O., *Politics, parties and pressure groups* (Crowell).
 Zink, H., *Government and politics in U.S.A.*, 3rd edition (Macmillan).
 Bryce, J., *The American commonwealth* (Macmillan).

63. Politics IIB.

Public Administration.

A second-year course; pre-requisite: Politics I; not available to exempted students.

A third-year course only for those completing their sequences under the old regulations.

In this course particular attention will be paid to the administrative systems of the United Kingdom, Australia, the United States and France. It will include:

- (i) A study of the development of administrative theory; formal and informal organisation; group behaviour; 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.

Preliminary reading:

- Gladden, E. N., *Introduction to public administration* (Staples).
 Finer, S. E., *A primer of public administration* (Muller).
 Blair, Leo, *The Commonwealth public service* (M.U.P.).

Students should procure:

- Simon, H. A., and others, *Public administration* (Knopf).
 Mackenzie, W. J. M., and Grove, J. W., *Central administration in Britain* (Longmans).

Other useful books:

- Smellic, K. B., *A hundred years of English government* (Duckworth).
 Gladden, E. N., *The essentials of public administration* (Staples).
 Dimock, M. and G., *American government in action* (Rinehart).
 Chapman, B., *Introduction to French local government* (Allen and Unwin).
 Chester, D. N., *Central and local government* (Macmillan).
 Warren, J. H., *English local government system* (Allen and Unwin).
 Bland, F. A., *Government in Australia* (Government Printer, Sydney).
 Simon, H. A., *Administrative behaviour* (Macmillan).
 Marx, M. F., *The administrative state* (Chicago U.P.).
 Waldo, D., *Ideas and issues in public administration* (McGraw-Hill).
 Campbell, G., *The civil service in Britain* (Pelican).
 Critchley, T. A., *The civil service today* (Gollancz).
 Kelsall, R. K., *Higher civil servants in Britain* (Routledge).
 Beer, S. H., *Treasury control* (O.U.P.).
 Gladden, E. N., *Civil service or bureaucracy?* (Staples).
 Parker, R. S., *Public service recruitment in Australia* (M.U.P.).
 Friedmann, W., *Principles of Australian administrative law* (M.U.P.).
 Jackson, R. M., *The machinery of local government* (Macmillan).
 Chapman, Brian, *The profession of government* (Allen and Unwin).
 Davies, A. F., *Australian democracy* (Longmans).
 Miller, J. D. B., *Australian government and politics* (Duckworth).
 Whyte, William H., *The organisation man* (Cape).
 Spann, R. N. (ed.), *Public administration in Australia* (Government Printer, Sydney).

64. Politics IIIA.

Political and Social Theory.

A third-year course; pre-requisite: Politics II (A or B); not available to exempted students.

In this course roughly a term will be devoted to each of the following:

- (i) Political ideas since the French Revolution, with special reference to the role of the State in democratic and totalitarian ideologies;
- (ii) Political sociology: a study of class and social structure; leadership and the notion of elites; the relation of party to class and elites, and the principles underlying party systems; the political significance of voluntary associations; the forces making for social change and the criteria of social progress;
- (iii) Political theory: the nature of political principles; the scope and function of theory in systematic politics; the analysis of such concepts as power, authority, sovereignty, justice and political obligation.

Students are expected to read widely, and the titles listed below are intended merely as an indication of the fields to be covered.

Reference books:

- Watkins, F. M., *The political tradition of the West* (Harvard).
 Brailsford, H. N., *Shelley, Godwin and their circle* (H.U.L.).
 Barker, E., *Political thought in England, 1848-1914* (H.U.L.).
 Hobhouse, L. T., *Liberalism* (H.U.L.).
 Bowle, J., *Politics and opinion in the 19th century* (Cape).
 Ginsberg, M. (ed.), *Law and opinion in England in the 20th century* (Stevens).
 Cole, G. D. H., *A history of socialist thought* (Macmillan).
 Carew Hunt, R. N., *Marxism—past and present* (Bles).
 Barbu, Z., *Democracy and dictatorship* (Routledge).
 Friedrich, C. J., and Brzezinski, Z. K., *Totalitarian dictatorship and autocracy* (Harvard).
 Shils, E., *The torment of secrecy* (Heinemann).
 Horn, R. A., *Groups and the constitution* (Stanford).
 Sprott, W. J. H., *Human groups* (Pelican).
 Marshall, T. H., *Citizenship and social class* (C.U.P.).
 Cole, G. D. H., *Studies in class structure* (Routledge).
 Bendix, R., and Lipset, S. M. (eds.), *Class, status and power* (Routledge).
 Mosca, G., *The ruling class* (McGraw-Hill).
 Meisel, J. H., *The myth of the ruling class* (Michigan U.P.).
 Burnham, J., *The managerial revolution* (Putman).
 Mills, C. W., *The power elite* (O.U.P.).
 Lipset, S. M., *et al.*, *Union democracy* (Free Press).
 Ostrogorski, M., *Democracy and the organisation of political parties* (Macmillan).
 Michels, R., *Political parties* (Free Press).
 Duverger, M., *Political parties* (Methuen).
 McKenzie, R. T., *British political parties* (Heinemann).
 Hobhouse, L. T., *Social development* (Allen and Unwin).
 Hobhouse, L. T., *The elements of social justice* (Allen and Unwin).
 Mabbott, J. D., *The state and the citizen* (Hutchinson).
 Barker, E., *Principles of social and political theory* (O.U.P.).
 De Jouvenel, B., *Sovereignty* (C.U.P.).
 Easton, D., *The political system* (Knopf).

65. Politics IIIB.

International Relations.

A third-year course; pre-requisite: Politics II (A or B) or History IIA; not available to exempted students.

The course is designed to cover international relations in theory and practice:

- (i) Changing ideas on international relations: the medieval ideal; Machiavelli; the national sovereign state; the classical balance of power; a world order;

- (ii) 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 organisation;
- (iii) Present-day international society.

Preliminary reading:

Chambers, E. 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 and Weekly Times).

Other useful books:

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 law of nations* (O.U.P.).
 Morgenthau, H., *Politics among nations* (Knopf).
 Morgenthau, H., *Scientific man versus power politics* (Latimer House).
 Nicolson, H., *Diplomacy* (Thornton and Butterworth).
 Panikkar, K. M., *Principles and practice of diplomacy* (Asia Publishing House).
 Strausz-Hupe, R., *Geopolitics* (Putnam).
 Niebuhr, R., *Moral man and immoral society* (Scribner).
 MacIver, R. M., *The web of government* (Macmillan).
 Miller, J. D. B., *The Commonwealth in the world* (Duckworth).
 Pear, T. H. (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).
 Kaplan, M. A., *System and process in international politics* (Wiley).

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 (A or B), Politics IIIA and Politics IIIB, as prescribed for the Ordinary degree;
- (b) To attend such tutorial groups as are arranged in connection with these courses;
- (c) To pass in Social Economics (or Economics I), History IIA and in two other courses as prescribed for the Ordinary degree of B.A.;
- (d) To be able to translate from French, German or Italian;
- (e) To spend the fourth year on special honours work (including seminar discussions and the writing of a thesis) to be arranged after consultation with the Professor.

Students intending to take honours are requested to interview the Professor as soon as possible, and not later than the beginning of lectures in their second year.

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 four courses in Philosophy for the ordinary degree of Bachelor of Arts. A pass in Philosophy I is necessary before a student can take Philosophy II, and a pass in Philosophy II is necessary before a student can take Philosophy IIIA or Philosophy IIIB.

71. Philosophy I.

The course of lectures is given every year and is completed in one year. It is a general introduction to philosophy.

Text-books:

- Descartes, *Discourse on method, meditations* in *Descartes' Philosophical writings* translated by Anscombe and Geach (Nelson).
 Hospers, J., *Introduction to philosophical analysis* (Routledge and Kegan Paul).
 Black, M., *Critical thinking* (Prentice-Hall).

72. Philosophy II.

The course of lectures is given every year and is completed in one year. It is concerned with general philosophy, leading on from the first-year course.

Text-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).
 Nowell-Smith, P. H., *Ethics* (Pelican).
 Quine, W. V., *Methods of logic*, 2nd edition (Allen and Unwin).

74. Philosophy IIIA.

The course of lectures is given every year and is completed in one year. It is concerned with logic and metaphysics. Subjects of examination will be the topics discussed in the following books:

- Quine, W. V., *From a logical point of view* (Harvard).
 Ryle, G., *The concept of mind* (Hutchinson).
 Wisdom, J., *Philosophy and psychoanalysis* (Blackwell).
 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. It is concerned with ethics, philosophy of religion and Greek philosophy. Subjects of examination will be the topics discussed in the following books:

- Hume, *Treatise on human nature*, Book III (Everyman).
 Plato, *Theaetetus*, translated by M. J. Levett (Jackson).
 Aristotle, *Nicomachean ethics*, translated by Sir David Ross (Oxford, World's Classics).
 Aquinas, St. Thomas, *Summa theologica*, Vol. I (Burns, Oates and Washbourne).
 Hume, *Dialogues concerning natural religion* (Blackwood).
 Hare, R. M., *The language of morals* (O.U.P.).

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, 74 and 75, candidates are expected to show knowledge of the following works:

- Frege, G., *The foundations of arithmetic*, translated by J. L. Austin (Blackwell).
 Barker, S. F., *Induction and hypothesis* (Cornell).
 Wisdom, John, *Other minds* (Blackwell).
 Brandt, R. B., *Ethical theory* (Prentice-Hall).

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. Students are recommended to take Psychology I, unless they have a special reason for doing Psychology IA.

For those students who intend to take more than one course in Psychology, there are five courses for the ordinary degree of Bachelor of Arts, namely, Psychology I, IIA, IIB, IIIA, IIIB.

Except with special permission to be obtained in writing from the Registrar, no candidate may enrol for Psychology IIA or IIB until he has passed Psychology I, or Psychology IA plus 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 reading:

- Adcock, C. J., *Fundamentals of psychology* (Price-Milburn).
 Hunter, Ian M. L., *Memory, facts and fallacies* (Pelican).
 Köhler, W., *Mentality of apes* (Pelican).

Text-books:

- Munn, N., *Psychology. The fundamentals of human adjustment*, 3rd edition (Harrap); or
 Morgan, C. T., *Introduction to psychology* (McGraw-Hill).
 Drever, 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).

Reference books:

Reference may be made to sections of the following:

- Flugel, J. C., *A hundred years of psychology* (Duckworth).
- Klineberg, O., *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.

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.

Theory: As for Psychology IA.

Laboratory work: Two hours a week devoted to an introductory training in scientific method as applied to psychological problems.

Psychometrics: Statistical and scientific method as applied to psychological data will be integrated with the laboratory course.

Preliminary reading:

- Adcock, C. J., *Fundamentals of psychology* (Price-Milburn).
- Eysenck, H. J., *Uses and abuses of psychology* (Pelican).
- Hunter, I. M. L., *Memory, facts and fallacies* (Pelican).
- Köhler, W., *Mentality of apes* (Pelican).

Text-books:

- Munn, N., *Psychology. The fundamentals of human adjustment*, 3rd edition (Harrap).
- Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).

Reference books:

In addition to those listed for Psychology IA:

- Krech, D., and Crutchfield, R. S., *Elements of psychology* (Knopf).
- Katz, D., *Animals and men* (Pelican).
- Crafts, L. W., *Recent experiments in psychology*, 2nd edition (McGraw-Hill).
- Garrett, H. E., *Great experiments in psychology* (Appleton-Century).
- Townsend, J. C., *Introduction to experimental method for psychology and the social sciences* (McGraw-Hill).
- Newcomb and Hartley, *Readings in social psychology*, 2nd or 3rd edition (Holt).

82. Psychology IIA.

(Experimental and behavioural science)

This subject is designed to provide a more intensive study of the basic psychological processes in the context of general behaviour theory.

Topics will include: motivation and emotion, the contributions of the early instinctivists, modern comparative and physiological psychologists, Freud, the Behaviourists, Hebb and Asch; perception, with special reference to the theories of the Gestaltists, Gibson and Hebb; thinking and concept formation (Gestaltists, Behaviourists, Hebb, Piaget); learning theory (Hull, Skinner, Tolman, Lewin, Pavlov and Hebb).

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. Emphasis will be placed on the general principles of sampling and statistical inference in relation to experimental investigation. Specific analytic procedures dealt with will include both parametric and non-parametric methods.

Laboratory: Three hours a week devoted to experiments, demonstrations and assessments in relation to the main content of the course.

Preliminary reading:

- Moroney, J., *Facts from figures* (Pelican).
 Eysenck, H. J., *Sense and nonsense in psychology* (Pelican).
 Freud, S., *An outline of psychoanalysis* (McGraw-Hill).
 Lorenz, K., *King Solomon's ring* (Pan).

Text-books:

- Hebb, D. O., *A textbook of psychology* (Saunders).
 Hilgard, E. R., *Theories of learning*, 2nd edition (Appleton-Century).
 Morgan, C. T., and Stellar, E., *Physiological psychology* (McGraw-Hill).
 Asch, S. E., *Social psychology* (Prentice-Hall).
 Guilford, J. P., *Fundamental statistics in psychology and education* (McGraw-Hill).

Reference books:

- Bugelski, B. R., *The psychology of learning* (Methuen).
 Gibson, J. J., *Perception of the visual world* (Houghton Mifflin).
 Koffka, K., *Principles of Gestalt psychology* (Kegan Paul).
 Vernon, M. D., *A further study of visual perception* (C.U.P.).
 Woodworth, R. S., and Schlosberg, H., *Experimental psychology* (Holt).
 Siegel, S., *Non-parametric statistics* (McGraw-Hill).
 Pavlov, I. P., *Lectures on conditioned reflexes* (Oxford).
 Hebb, D. O., *Organisation of behaviour* (Wiley).
 Stevens, S. S. (ed.), *Handbook of experimental psychology* (Wiley).
 Lindquist, E. F., *Design and analysis of experiments in psychology and education* (Houghton Mifflin).

83. Psychology IIB.

(Developmental psychology)

This course is intended to provide a more intensive study of individual differences and social processes within the framework of developmental theory; and an introduction to third-year work on general and social psychological theory.

Basic psychological processes: motivation, emotion, perception, learning, thinking and language will be treated developmentally. Consideration will be given to the determinants of the development of intelligence, personality and social behaviour.

Development from infancy to senescence will be dealt with in the light of general, clinical and social psychological evidence relating to some of the special problems of various developmental stages and to deviant behaviour.

Theory: There will be two lectures and one tutorial a week.

Psychometrics: There will be one lecture a week on statistical techniques and experimental design as applied to developmental data and problems. These techniques will include parametric and non-parametric methods.

Laboratory: An average of three hours a week including clinical demonstrations, observation and assessment, and experimental work relating to psychological testing, group behaviour, environmental restriction and the development of basic psychological processes.

Preliminary reading:

- Barnett, A., *The human species* (Pelican).
 Crow, L. D., and Crow, A., *Child psychology* (Barnes and Noble).
 Hall, C. S., *A primer of Freudian psychology* (Allen and Unwin).
 Mead, M., *Coming of age in Samoa* (Pelican); or
 Mead, M., *Growing up in New Guinea* (Pelican).

Text-books:

- Thompson, G. G., *Child psychology* (Houghton Mifflin).
 Zubek, J. P., and Solberg, P. A., *Human development* (McGraw-Hill).
 Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).
 Siegel, S., *Nonparametric statistics* (McGraw-Hill).

Reference books:

- Pressey, S. L., and Kuhlen, R. G., *Psychological development through the lifespan* (Harper).
 Allport, G. W., *Personality, a psychological interpretation* (Holt).
 Carmichael, L. (ed.), *Manual of child psychology*, 2nd edition (Wiley).
 Cronbach, L. J., *Essentials of psychological testing* (Harper).
 Barker, R. G., Kounin, J. S., and Wright, H. F., *Child behaviour and development* (McGraw-Hill).
 Dollard, J., and Miller, N. E., *Personality and psychotherapy* (McGraw-Hill).
 Hebb, D. O., *The organisation of behaviour* (Wiley).
 Piaget, J., *The child's conception of number* (Routledge and Kegan Paul).
 Piaget, J., *The psychology of intelligence* (Routledge and Kegan Paul).
 Welford, A. T., *Ageing and human skill* (O.U.P.).
 Hall, C. S., and Lindzey, G., *Theories of personality* (Wiley).
 Kahn, R. L., and Cannell, C. F., *The dynamics of interviewing* (Wiley).
 Swanson, G., Newcomb, T. M., and Hartley, E. L., *Readings in social psychology* (Holt).
 Terman and Merrill, *Measuring intelligence* (Harrap).

84. Psychology IIIA.

This advanced course of study will be organized around the themes of personality and experimentally based theories of normal and abnormal behaviour. The course will have reference to four fields of study:

- (a) *Experimental and Comparative Psychology*. Laboratory study of basic psychological processes—investigations of animal behaviour with particular reference to the relevance of such studies for an understanding of human behaviour, both normal and abnormal.
- (b) *Personality study*. Theories of personality and methods of assessment, including experimentally based laboratory procedures.
- (c) *Deviant Behaviour*. Normality/abnormality—classification and theory of behaviour disorders; psychological deficit; mental deficiency; delinquency; problems of assessment and therapy.
- (d) *Industrial Psychology*. Work study; job analysis; selection; guidance; case study; the ecological approach to the theory of occupations.

Sections (a) and (b) and either (c) or (d) must be taken.

Section (d) may not be offered in 1960.

Theory: There will be two lectures and one tutorial a week.

Psychometrics: One two-hour lecture/work period on advanced psychometrics and problems of research design.

Practical Work: An average of six hours a week devoted to experiments, psychological assessments and clinical work in relation to the main content of the course. As part of the practical work, the student will be required to complete a minor research project on a psychological problem.

Examination: Three 3-hour papers together with practical notebooks and report of research project.

Reference books:

Experimental and Comparative:

- Hebb, D. O., *The organisation of behaviour* (Wiley).
 Masserman, J. H., *Behaviour and neurosis* (Chicago U.P.).
 Munn, N., *Handbook of psychological research on the rat* (Houghton Mifflin).
 Pavlov, I. P., *Lectures on conditioned reflexes* (O.U.P.).
 Stone, C. P., *Comparative psychology* (Staples).
 Stevens, S. S., *Handbook of experimental psychology* (Wiley).

Personality Study:

- Cattell, R. B., *Personality* (McGraw-Hill).
 Eysenck, H. J., *The scientific study of personality* (Routledge and Kegan Paul).
 Hall, C. S., and Lindzey, G., *Theories of personality* (Wiley).
 Kluckhohn, C., and Murray, H. A., *Personality, in nature, society and culture* (Cape).
 Vernon, P. F., *Personality tests and assessments* (Methuen).

Deviant Behaviour:

- Asch, S. E., *Social psychology* (Prentice-Hall).
 Cameron, N. A., and Magaret, G. A., *Behaviour pathology* (Houghton Mifflin).
 Dollard, J., and Miller, N. E., *Personality and psychotherapy* (McGraw-Hill).
 Eysenck, H. J., *The dynamics of anxiety and hysteria* (Kegan Paul).
 Fenichel, O., *The psychoanalytic theory of neurosis* (Routledge and Kegan Paul).
 Freud, S., *An outline of psychoanalysis* (Hogarth).
 Henderson, D. K., and Gillespie, R. D., *A text-book of psychiatry* (O.U.P.).
 Hunt, J. McV., *Personality and the behaviour disorders*, Vols. I and II (Ronald).
 Mowrer, O. H., *Learning theory and personality dynamics* (Ronald).
 Pavlov, I. P., *Conditioned reflexes and psychiatry* (International).
 Penrose, L. S., *The biology of mental defect* (Sedgwick Jackson).
 Wolpe, J., *Psychotherapy by reciprocal inhibition* (Stanford U.P.).

Industrial:

- Jaques, E., *The changing culture of a factory* (Tavistock Publications).
 Walker, K. F., *Industrial relations* (Harvard U.P.).
 Chiselli, 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).

Psychometrics and Research Design:

- Brown, C. W., and Chiselli, E. E., *Scientific method in psychology* (McGraw-Hill).
 Guilford, J. P., *Psychometric methods* (McGraw-Hill).
 Lindquist, E. F., *Design and analysis of experiments in psychology and education* (Houghton Mifflin).

Testing:

- Cronbach, L. J., *Essentials of psychological testing* (Harper).
 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 and Wilkens).
 Klopfer and Kelly, *The Rorschach technique* (World Books).
 Beck, Wilkins J., *The Rorschach test*, Vols. 1-3 (Grune Stratton).
 Henry, *The analysis of phantasy* (Wiley).
 Tomkins, *Thematic apperception test* (Grune Stratton).

85. Psychology IIB.**(Social psychology)**

The course covers theory and method in social psychology and in closely related fields. Topics include: the development and disintegration of groups, group structure and its effects on group and individual behaviour, cohesiveness, power, communication, social perception, norms, and roles. The third term's theory lectures are concerned with an analysis of particular theoretical systems (e.g. field theory) and their capacity to integrate social psychological knowledge.

Theory: Two lectures and one tutorial each week.

Psychometrics: One lecture each week. These lectures are concerned with various approaches to the measurement of social behaviour rather than particular statistical techniques. Topics will include: the methodology of laboratory and field studies, group observation and sociometric techniques, sampling and survey methods, and scaling.

Laboratory and field studies: An average of 5 hours each week in Terms I and II. Laboratory experiments (e.g. small group observation, influence processes) and survey design and analysis.

Text-books:

- Lindzey, G. (ed.), *Handbook of social psychology*, Vols. 1 and 2 (Addison-Wesley).
 Newcomb, T. M., *Social psychology* (Tavistock); or
 Asch, S. E., *Social psychology* (Prentice-Hall).
 Cartwright and Zander (eds.), *Group dynamics—research and theory* (Row, Peterson).
 Festinger and Katz (eds.), *Research methods in the behavioural sciences* (Dryden).
 Klein, J., *The study of groups* (Routledge and Kegan Paul).

Reference books:

- Hare, Borgatta and Bales (eds.), *Small groups* (Knopf).
 Lewin, K., *Field theory in social science* (Harper).
 Homans, G. C., *The human group* (Routledge and Kegan Paul).
 Hyman, H., *Survey design and analysis* (Free Press).
 Parten, M., *Surveys, polls and samples* (Harper).
 Bendix, R., and Lipset, S. M., *Class, status and power* (Free Press).
 Tagiuri, R., and Petrullo, L., *Person perception and inter-personal behaviour* (Stanford).
 Heider, F., *The psychology of interpersonal relations* (Wiley).
 Sprott, W. J. H., *Human groups* (Pelican).

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.
- (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.

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 and Unwin).
 James, W., *Principles of psychology*, Vols. 1 and 2 (Macmillan).
 Langfeld and others (eds.), *History of psychology in autobiography*, Vol. IV (Clark U.P.).

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 and Kegan Paul).
 Russell, B., *The analysis of mind* (Allen and Unwin).
 Ryle, G., *The concept of mind* (Hutchinson).
 Wisdom, J., *Philosophy and psychoanalysis* (Blackwell).

Prescribed reading for Honours:

- O'Neil, W. M., *Introduction to method in psychology* (M.U.P.).
 Brown and Ghiselli, *Scientific method in psychology* (McGraw-Hill).
 Lazarfeld, P. F., *Mathematical thinking in the social sciences* (The Free Press, Illinois).
 Lazarfeld, P. F., and Rosenberg, M., *The language of social research* (The Free Press, Illinois).
 Eysenck, H. J., *The psychology of politics* (Kegan Paul).
 Gerth, H., and Mills, C. W., *Character and social structure* (Routledge and Kegan Paul).
 Nadel, S. F., *Foundations of social anthropology* (Cohen and West).
 Heider, F., *The psychology of interpersonal relations* (Wiley).
 Sawyer, W. W., *Prelude to mathematics* (Pelican).
 Simon, H. A., *Models of man, social and rational* (Wiley).
 Ferguson, L. W., *Personality measurement* (McGraw-Hill).
 Gullickson, H., *Theory of mental tests* (Wiley).
 Thurstone, L. L., *Multiple factor analysis* (Chicago U.P.).
 Bush and Mosteller, *Stochastic models for learning* (Wiley).
 Marx, M. H., *Psychological theory* (Macmillan).
 Cherry, C., *On human communication* (Technology Press and Wiley).
 Bruner, J. S., Goodnow, J. J., and Austin, G. A., *A study of thinking* (Wiley).
 Good, C. V., and Scates, D. E., *Methods of research* (Appleton-Century).

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:

Finch, V. C., Trewartha, G. T., Robinson, A. H., and Hammond, E. H., *Elements of geography, physical and cultural*, 4th edition (McGraw-Hill).

Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).

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 edition (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).

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).

Forde, C. D., *Habitat, economy and society* (Methuen).

James, P. E., and Kline, H. V. B., *Geography of man* (Ginn).

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).

Pelzer, K., *Pioneer settlement in the Asiatic tropics* (American Geographical Society).

Petterssen, S., *Introduction to meteorology*, 2nd edition (McGraw-Hill).

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* (London U.P.).

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).

Woodriddle, 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.

B. THE GEOGRAPHY OF AUSTRALIA: A study of the physical environment, climate, soils, vegetation and land forms. A historical study of the most important primary industries. Mineral resources, secondary industries, population distribution and trade.

C. 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 utilisation, including agriculture, industry and commerce; historical factors influencing settlement; an analysis of the current economic activity and national and local policies regarding future development.

D. 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 February 15, 1960.

Text-books:

Petterssen, S., *Introduction to meteorology*, 2nd edition (McGraw-Hill).

Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilization in Australia*, 3rd edition (M.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. Robinson, G. W., *Soils, their origin, constitution and classification*, 3rd edition, reprint (Murby, and Allen and Unwin, 1951).
Cotton, C. A., *Geomorphology* (Whitcombe and Tombs).
Trewartha, G., *An introduction to climate* (McGraw-Hill).
- B. C.S.I.R.O., *The Australian environment* (C.S.I.R.O., Melbourne).
Atlas of Australian resources (Department of National Development, Canberra).
Year Book of the Commonwealth of Australia (Commonwealth Bureau of Census and Statistics, Canberra).
- C. (i) Europe
Shackleton, M. R., *Europe*, 4th edition (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 edition (London).
Gottman, J., *A geography of Europe*, 2nd edition (Holt, 1955).
Dickinson, R. E., *Germany* (Methuen).
Unstead, J. F., *A systematic regional geography*, 2nd edition, Vol. 2, *Europe* (U.L.P.).
Kubišna, W. L., *The soils of Europe*, Madrid, 1953 (Murby).
- or
- (ii) North America
Smith, J. R., and Phillips, O., *North America* (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* (Wiley).
Freeman, O. W., and Martin, H. H., *The Pacific northwest: An overall appreciation* (Wiley).
Visher, S. S., *Climatic atlas of the United States* (Harvard U.P.).
Zierer, C. M., *California and the south west* (Wiley, 1956).
- D. Monkhouse, F. J., and Wilkinson, H. R., *Maps and diagrams* (Methuen, 1952).
Debenham, F., *Map making* (Blackie).
Steers, J. A., *An introduction to the study of map projections* (Bickley, Kent, Univ. of London).
Higgins, A. L., *Elementary surveying* (Longmans).
Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).

Other texts and current publications will be prescribed by the lecturers.

93. Geography III.

A. A selection of courses in advanced physical and/or human geography, e.g., geomorphology, climatology, biogeography, cartography, anthropogeography, economic, political and historical geography, history of geographical thought.

B. REGIONAL GEOGRAPHY: Courses in the geography of China, U.S.S.R. and South-East Asia will be offered in 1960.

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:

- Haurwitz and Austin, *Climatology* (McGraw-Hill).
Price, A. Grenfell, *White settlers in the tropics* (New York, 1939).
De Castro, J., *Geography of hunger* (London, 1952).
Kolarz, W., *The peoples of the Soviet Far East* (London, 1954).
Cressey, 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).

- 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* (Chicago U.P., 1955).
 Fryer, D., *Indonesia* (Longmans).
 Spate, O. H. K., *India and Pakistan* (Methuen).
 Shabad, T., *Geography of the U.S.S.R.*
 Baransky, N., *Economic geography of the U.S.S.R.* (Moscow, 1956).
 Gregory, J. S., and Shave, D. W., *The U.S.S.R.: A geographical survey* (Wiley).
 Trewartha, G. T., *Japan* (Wisconsin U.P., 1947).
 Cohen, J. B., *Japan's economy in war and reconstruction* (London, 1949).
 Shabad, T., *China's changing map* (Methuen, 1956).
 Adler, S., *The Chinese economy* (Routledge, 1957).
 Cressey, G. B., *Land of the 500 million* (McGraw-Hill).
 Hartshorne, R., *The nature of geography* (Association of American Geographers, 1958).
 Ginsburg, N., *The pattern of Asia* (Prentice-Hall).
 Coggins, R. S., and Heford, R. K., *The practical geographer* (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.

Books:

A. Text-book:

Jones, C. F., and Darkenwald, G. G., *Economic geography*, revised edition (Macmillan).

B. Reference books:

Zimmerman, E. W., *World resources and industries* (Harper, 1951).

Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilization in Australia* (M.U.P.).

Shaw, E. B., *World economic geography* (Wiley).

Oxford economic atlas of the world (O.U.P.).

Commonwealth Year Books (Commonwealth Government Printer).

Bartholomew, *The comparative atlas* (Meiklejohn).

Smith, Wilfred, *An economic geography of Great Britain*, 2nd edition (Methuen).

Meier, Richard L., *Science and economic development* (Wiley).

Further selected readings of geographical and other publications will be prescribed by the lecturer.

98. Geography for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor before the beginning of their second year's work; they will be required:

(a) To pass in eight subjects as prescribed for the ordinary degree of B.A.:

Geography I, II and III;

Courses I, II, III in History, Economics or some other subject approved by the Faculty, provided that a candidate who wishes to present

Geology II may do so in lieu of Course III in this subject;

Course I in a language other than English;

Course I of any Science subject specified in Regulation 2;

- (b) To undertake such Honours work as may be required in connection with the courses in Geography;
- (c) To undertake a fourth year of Honours work including tutorial discussions, written examinations, and a field study on a selected geographical problem.

EDUCATION

Candidates for the Diploma in Education are recommended to take the diploma studies as far as possible *pari passu* with their studies for the degree, extending them over four or more years. The diploma may be completed in a single year only by those who have graduated or who have completed the prescribed number of degree courses. Candidates who wish to arrange for the extended course are advised to consult the Head of the Department regarding the order in which the subjects might best be taken: lectures are given and examinations held in each subject and part subject every year.

101. Education

A course of lectures and exercises given each year, completed in one year, may be taken by students proceeding to the Ordinary degree of Bachelor of Arts, and is compulsory for students proceeding to either the Diploma in Education or the Associateship in Arts and Education.

The course comprises:

- (a) The lectures on the history and the theory of education.

History of Education.

No one text adequately covers the course. References to reading will be made in the lectures. Students who have done little or no reading in Ancient History are advised to read:
Breasted, J. H., *Ancient times* (Ginn).

Other books which may be usefully consulted are:

- Boyd, W., *History of western education* (Black).
- Curtis and Boulton, *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., *The development of modern education* (Prentice-Hall).
- Eby, F., and Arrowood, C. F., *History and philosophy of education, ancient and medieval* (Prentice-Hall).
- Brubacher, *A history of the problems of education* (McGraw-Hill).

Theory of Education.

Lectures will be given on theory as expounded by a number of educators, including (principally) T. P. Nunn. Students should read:
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).
- Clarke, F., *Freedom in the educative society* (London U.P.).
- Whitehead, *Aims of education* (Williams and Norgate).
- Curtis, S. J., *An introduction to the philosophy of education*.

- (b) The exercises set during the year.

105. Hygiene.

This course consists of one lecture a week for three terms. After an introduction on objectives, definitions, and sources of information the subject is divided as follows:

PERSONAL HYGIENE—This part includes the hygiene of the skeletal, muscular, respiratory, circulatory, digestive, nervous, endocrine, and genito-urinary systems; the hygiene of the eye, ear, nose, throat, teeth, and skin; and the principles of nutrition and heredity.

COMMUNITY HYGIENE—This part includes a reference to public health organisation in South Australia and to other public bodies interested in social welfare. It also includes discussions on the sanitary requirements of buildings, control of infection and infectious diseases, ventilation, the effect of sunlight, the care and preservation of food, the disposal of refuse, insects of public health interest, and rural and domestic sanitation.

Text-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, 107A, 107 and 108. Principles of Pre-Primary Education.

For students proceeding to the Diploma in Education the course consists of three parts, namely, 106, 107 and 108. 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.

For students proceeding only to the Associateship in Arts and Education a modified second-year course, namely, Principles of Pre-Primary Education IIA (107A) is available. For purposes of the Associateship students who have passed in Principles Part II will be deemed to have passed in IIA. Students who have passed in Principles IIA and wish subsequently to proceed to the Diploma in Education must take the full course, Principles II (107).

106. Principles of Pre-Primary Education I.

Pre-primary school aims, organisation and methods with special consideration of the development of children from birth to the age of eight.

Books prescribed for reading:

- Hume, E. G., *Learning and teaching in the infants' school* (Longmans).
 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).
 Arrowsmith, G., and others, *Reading: an educational approach* (Evans).
 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).
 Serjeant, F. Irene, *From day to day in the infant school* (Blackie).
 Munro, R., *A teachers' manual* (Nisbet, 1954).
 Simpson, D., and Alderson, D., *Creative play in the infants' school* (Pitman).

107A. Principles of Pre-Primary Education IIA.

A study of the historical development of the Infant School in England and in South Australia, leading to a consideration of the individual child and to remedial work.

Books prescribed for reading:

- Rusk, R. R., *History of infant education* (London U.P.).
 Highfield, Miriam, *The young school failure* (Oliver and Boyd).

Reference book:

- Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).

107. Principles of Pre-Primary Education II.

This course consists of Part IIA and in addition a more detailed study of the topics dealt with in Part I.

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* (London U.P.).
 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 and 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. Principles of Pre-Primary Education III.

The evolution and function of the infant school in relation to the present social background; a comparative study of English, American and local systems. Current problems and modern developments in infant education with some reference to research and experimental work.

Reading additional to the prescribed books will be suggested.

Books prescribed for reading:

- Great Britain, Board of Education, *Infant and Nursery School Report* (H.M.S.O.).
 Scottish Education Department, *Primary Education* (H.M.S.O.).
 Lawrence, E., *Friedrich Froebel and 100 years of English education* (U.L.P.).
 Davey, C. M., *Children and their lawmakers*.
 Jersild, A. T., *Child psychology* (Prentice-Hall).
 Brown, Y. V. (ed.), *The experience of poetry in school* (O.U.P.).

109, 110A, 110 and 111. Principles of Primary Education.

For students proceeding to the Diploma in Education the course consists of three parts, namely, 109, 110 and 111. 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.

For students proceeding only to the Associateship in Arts and Education a modified second year course, namely, Principles of Primary Education IIA (110A), is available. For purposes of the Associateship students who have passed in Principles Part II will be deemed to have passed in Principles IIA. Students who have passed in Principles IIA and wish subsequently to proceed to the Diploma in Education must take the full course, Principles II (110).

109. Principles of Primary Education 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).
 Gopsill, G. H., *The teaching of geography* (Macmillan).
 Education Department of South Australia, *Arithmetic handbook for teachers in primary schools*.
 Polkinghorne, R. K. and M. I. R., *Fundamental number teaching* (Harrap).
 Ellwood, W. H., *A handbook for the elementary school teacher* (Whitcombe and Tombs).

110A. Principles of Primary Education IIA.

A study of the historical development of the Primary School in England and South Australia during the nineteenth and twentieth centuries in so far as it leads to a consideration of the function of the Primary School in catering for the individual in the educative process; modern developments in educational practice which take cognisance of individual differences, such as educational tests and measurements, experience through activity and the uses to which educational broadcasts may be put.

A general survey of the nature, value and the teaching of social studies in the Primary School leading to a consideration of the relationship of the individual to society.

Books prescribed for reading:

- Daniel, M. V., *Activity in the primary school* (Blackwell).
 Great Britain, Board of Education, *Handbook of suggestions for teachers*, latest edition.
 Glassey, W., and Weeks, E. J., *The educational development of children* (U.L.P.).
 Dray, Joan, and Jordan, D., *A handbook of social studies* (Methuen).
Social studies for schools (M.U.P.).
 Washburne, C., *Adjusting the school to the child* (World Book Co.).

Reference books:

- Curtis, S. J., *History of education in Great Britain*.
 Smeaton, T. H., *History of education in South Australia*.
 Hemming, J., *The teaching of social studies in secondary schools* (Longmans, Green and Co.).

110. Principles of Primary Education II.

This course consists of Part IIA and in addition a course of one lecture a week for three terms.

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.

The aims and methods of teaching English and arithmetic will receive special consideration.

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*, latest edition.
 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, Joan, and Jordan, D., *A handbook of social studies* (Methuen).
 Glassey, W., and Weeks, E. J., *The educational development of children* (Univ. of London Press).

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).
 Barnett, Nora M., Faithful, Marjorie G., and Theakston, T. R., *Juniors learning mathematics* (Educational Association, London).
 Curtis, S. J., *History of education in Great Britain*.
 Smeaton, T. H., *History of education in South Australia*.

111. Principles of Primary Education 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.).
 Wesley, E. B., and Adams, Mary A., *Teaching social studies in elementary schools* (Heath, Boston).

112, 113A, 113 and 114. Principles of Secondary Education.

For students proceeding to the Diploma in Education the course consists of three parts, namely, 112, 113 and 114. 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.

For students proceeding only to the Associateship in Arts and Education a modified second year course, namely, Principles of Secondary Education IIA (113A), is available. For purposes of the Associateship students who have passed in Principles Part II will be deemed to have passed in IIA. Students who have passed in Principles IIA and wish subsequently to proceed to the Diploma in Education, must take the full course, Principles II (113).

112. Principles of Secondary Education 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.

Reference books:

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.).

113A. Principles of Secondary Education IIA.

A particular study of three or more subjects taught in secondary schools; the place of these subjects in the curriculum (including some historical reference); the aims and methods of teaching them; practical problems associated with the teaching.

Each subject will be studied for two hours a week for one term, one hour being devoted to lectures, the other to tutorials and seminars. The course will include some practical teaching in the secondary schools.

Students taking Principles of Secondary Education IIA should consult the lecturers in the various secondary school subjects early in the academic year for reading lists.

113. Principles of Secondary Education II.

This course consists of Principles of Secondary Education IIA, and in addition a course of lectures (one a week for three terms) which aims to provide some historical background to secondary schools and their organisation and purpose, in England and South Australia.

The study will include the growth of the movement towards secondary education for all in England and the problems it has brought; the question of universal secondary education in Australia and in South Australia; the growth of secondary institutions in England and South Australia; the evolution of secondary curricula; secondary school problems and attempts to solve them; comparison of the secondary school system of one other Australian state with that of South Australia; some considerations of "further education" in England, Scandinavia and South Australia.

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.).
 South Australian Inquiry Committee, *Final report* (1949).
 New South Wales Department of Education, *Report of the committee appointed to survey secondary education in New South Wales* (1957).
 Dent, H. C., *Secondary education for all: origins and development in England* (Routledge).
 Barnard, H. C., *A short history of English education from 1760 to 1944* (L.U.P.).
 Banks, O., *Parity and prestige in English secondary education* (Routledge).
 Nisbet, S., *Purpose in the curriculum* (Univ. of London Pr.).

Students should consult the lecturers in the various secondary school subjects for reading in these fields.

114. Principles of Secondary Education 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. Educational Psychology I.

An introductory course dealing with the nature of the learner and of the learning process.

The course will be developed as follows:

- I. Preliminary section.
 - Educational psychology: field, methods, relationship to psychology.
- II. The nature of the learner and of the learning process.
 1. Personality and individual differences.
 2. Origins of behaviour.
 3. Physical, emotional, social, moral and intellectual development.
 4. Theories of learning.
 5. Principles of learning.
 6. The nature of concept formation, language development and thinking, and their significance.
- III. Special topics.
 1. Appraisal of the learner.
 2. Teacher-centred and child-centred approaches to the learning situation. Mental hygiene in the class-room.

Text-books:

- Eysenck, H. J., *The uses and abuses of psychology* (Pelican).
 (This book should be read before the beginning of lectures.)
 Lindgren, H. C., *Educational psychology in the class-room* (Wiley).
 Smith, H. P., *Psychology in teaching* (Prentice-Hall).

Reference books:

- Peel, E. A., *The psychological basis of education* (Oliver and Boyd).
 Thompson, G. C., *Child psychology—growth trends in psychological adjustment* (Houghton, Mifflin).
 Blair, G. M., Jones, R. S., and Simpson, R. H., *Educational psychology* (Macmillan).
 Crow, L. D., and Crow, A., *Educational psychology*, revised edition (American Book Co.).
 Valentine, C. W., *The normal child* (Pelican).

Other references will be given during the course.

117. Educational Psychology II.

A more advanced course dealing with the nature of the learner and of the learning process, with special reference to their bearing on educational practice. A special feature of the course will be the study of research work which is relevant to the topics discussed.

The course will be developed as followed:

- I. The nature of the learner as a developing organism.
 - More detailed consideration of:
 1. Physical development.
 2. Intellectual development, with special reference to the development of intelligence and the role of the unconscious.
 3. Emotional development.
 4. Social and moral development.

- II. The nature of the learning process.
 More detailed consideration of:
1. Theories of learning.
 2. Factors affecting learning.
 3. The thinking process.
- III. The bearing of the nature of the learner and of the learning process on educational practice:
1. Group dynamics in the class-room.
 This will be treated as a special feature of the course.
 2. Appraisal of learning.
 Evaluation and measurement will be considered in detail, with special reference to the application of the more common statistical methods to data derived from the class-room.
 3. Guidance—educational and vocational.
 4. Abnormal psychology.

Text-books:

- Bernard, H. W., *Psychology of learning and teaching* (McGraw-Hill).
 Pressey, S. L., Robinson, F. R., Horrocks, J. E., *Psychology in 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).
 Kuhlen, R. G., *Psychology of adolescent development* (Harper).
 Pressey, S. L., and Robinson, F. P., *Psychology and the new education* (Harper).
 Thompson, G. C., *Child psychology—growth trends in psychological adjustment* (Houghton, Mifflin).

Other references 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 first 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.

FACULTY OF ECONOMICS

ECONOMICS

The three main courses in Economics which constitute a sequence for the ordinary degrees of Bachelor of Arts and Bachelor of Economics are given annually alternately as day lectures and evening lectures. No student proceeding to a degree may take the course in Economics II until he has passed the final examination in Economics I, or the course in Economics III until he has passed the final examination in Economics II.

It is proposed at present to give these courses in Economics either as day or as evening lectures, as follows:

	1960	1961	1962
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 1960 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, money and banking, labour and wages, distribution of income and wealth, social security and welfare services, international trade, undeveloped areas.

Preliminary reading:

Williams, G., *The economics of everyday life* (Penguin).

Text-books:

Downing, R. I., *National income and social accounts*, 3rd edition (M.U.P.).

Nevin, E., *Textbook of economic analysis* (Macmillan).

Nurkse, R., *Problems of capital formation in underdeveloped countries* (Blackwell).

Reference books:

United Nations, *National and international measures for full employment*.
Commonwealth Bureau of Census and Statistics, *Labour report*, latest issue (Government Printer).

Rothschild, K. W., *The theory of wages* (Blackwell).

Walker, K. F., *Industrial relations in Australia* (Harvard).

United Nations, *Measures for international economic stability*.

Tew, B., *Wealth and income*, 3rd edition (M.U.P.).

United Nations, *Measures for economic development of underdeveloped areas*.

Tew, M., *Work and welfare in Australia* (M.U.P.).

Arndt, H., *The Australian trading banks* (Cheshire).

151. Economics I.

The course will be given in 1960 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.

Preliminary reading:

- Williams, G., *The economics of everyday life* (Penguin).
 Samuelson, P. A., *Economics*, 3rd or 4th edition, Part I (McGraw-Hill).

Text-books:

- Downing, R. I., *National income and social accounts*, 4th edition (M.U.P.).
 Tew, B., *Wealth and income*, 3rd edition (M.U.P.).
 Samuelson, P. A., *Economics*, 3rd or 4th edition (McGraw-Hill).
 Ryan, W. J. L., *Price theory* (Macmillan).

Reference books:

- Hicks, J. R., *The social framework*, 2nd edition (O.U.P.).
 Tarshis, L., *Elements of economics* (Houghton Mifflin).
 United Nations, *National and international measures for full employment*.
 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*, 5th edition (Pitman).
 Boulding, K., *Economic analysis*, revised edition (Hooper).
 Morgan, V., *First approach to economics* (Pitman).
 Nevin, E., *Textbook of economic analysis* (Macmillan).
 Shackle, G. L. S., *A new prospect of economics* (Liverpool U.P.).

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 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 1960 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:

- Day, A. C. L., *Outline of monetary economics* (O.U.P.).
 Tew, B., *Wealth and income*, 3rd edition (M.U.P.).
Report of the committee on the working of the monetary system (H.M.S.O.).
 Sayers, R. S., *Modern banking*, 3rd edition (O.U.P.).
 Arndt, H. W., *The Australian trading banks* (Cheshire).
 Beacham, A., *Economics of industrial organization* (Pitman).
 Cohen, R., *Economics of agriculture*, new edition (C.U.P.).
 Bain, J. S., *Price theory* (Holt, 1952).

Reference books:

- Giblin, L. F., *The growth of a central bank* (M.U.P.).
 Sayers, R. S., *The American banking system* (O.U.P.).
 Sayers, R. S., *Central banking after Bagehot* (O.U.P.).
 Macrae, N., *The London capital market* (Staples).
 Dacey, W. Manning, *The British banking mechanism* (Hutchinson's University Library).
 Sayers, R. S. (ed.), *Banking in the British dominions* (O.U.P.).
 Meade, J. E., *Theory of international economic policy*, Vol. I *The balance of payments* (O.U.P.).

- 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).
 Robinson, E. A. G., *Monopoly* (C.U.P.).
 Walker, K. F., *Industrial relations in Australia* (Harvard).
 Burns, A. R., *The decline of competition* (McGraw-Hill).
 Chamberlin, E. H., *The theory of monopolistic competition* (Harvard U.P.).
 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* (University of Adelaide).
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).
 Martin, Anne, *Economics and agriculture* (Routledge and Kegan Paul).

Additional references will be prescribed by the lecturers.

153. Economics III.

The course will be given in 1960 as evening lectures. Exemption from lectures in Economics III is not usually granted. It comprises three lectures and one tutorial a week. The course consists of Part A and either Part B or Part C.

PART A.

Theory of economic activity and the trade cycle. Wages, the general price level, interest rates. International economics.

Text-books:

- Keynes, J. M., *General theory of employment, interest and money* (Macmillan).
 Hansen, A., *Monetary theory and fiscal policy* (McGraw-Hill).
 Day, A. C. L., *Outline of monetary economics* (O.U.P.).
 Ellsworth, P. T., *The international economy*, 2nd edition (Macmillan).
 Tew, B., *International monetary co-operation*, 2nd edition (Hutchinson).
 United Nations, *National and international measures for full employment*.
 United Nations, *Measures for international economic stability*.
 Commonwealth Bureau of Census and Statistics, *Australian balance of payments* (latest issue).
 Commonwealth of Australia, *Annual economic survey* (latest issue).

Reference books:

- Duesenberry, J. S., *Business cycles and economic growth* (McGraw-Hill).
 Hansen, A., *A guide to Keynes* (McGraw-Hill).
 Hansen, A., *Business cycles and national income* (Norton).
 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 and Unwin).
Income, employment and public policy: Essays in honour of Alvin Hansen (Norton).
 Harrod, H. R. F., *Policy against inflation* (Macmillan).
 American Economic Association, *Readings in the theory of international trade* (Allen and Unwin).
 League of Nations, *International currency experience*.
 Kindleberger, P., *International economics* (Irwin).
 Meade, J. E., *Theory of international economic policy*, Vol. I. *The balance of payments* (O.U.P.).
 MacDougall, D., *The world dollar problem* (Macmillan).
 United Nations, *Budgetary structure and classification of government accounts*.

Additional references will be prescribed by the lecturers.

PART B (Public Finance).

Government accounting; theory of taxation; fiscal and monetary policy.

Reference books:

- Hicks, U. K., *Public finance* (C.U.P.).
 Musgrave, R. A., *The theory of public finance* (McGraw-Hill).
 Kaldor, N., *An expenditure tax* (Allen and Unwin).
 Simons, H., *Personal income taxation* (Chicago U.P.).
 Hansen, Bent, *The economic theory of fiscal policy* (Allen and Unwin).
 American Economic Association, *Readings in fiscal policy* (Allen and Unwin).
 United Nations, *Budgetary structure and classification of government accounts*.
 Commonwealth of Australia, *Reports of the Commonwealth Grants Commission*.
 Additional references will be prescribed by the lecturers.

PART C (Economics of Labour).

Factors influencing the relative wage structure and the share of wages in national income; wages and the level of economic activity; trade unions; arbitration and wages policy.

Reference books:

- International Labour Conference, *Wages—general report* (I.L.O., 1948).
 Hicks, J. R., *The theory of wages* (Macmillan).
 Dunlop, J. T., *Wage determination under trade unions* (Kelley).
 Reynolds, L. G., *Labor economics and labor relations*, 2nd edition (Prentice-Hall).
 Wootton, Barbara, *The social foundations of wage policy* (Allen and Unwin).
 Turner, R. (ed.), *Wages policy and full employment* (Hodge).
 Roberts, B. C., *National wages policy in war and peace* (Allen and Unwin).
 Perlman, M., *Judges in industry* (M.U.P.).
 Additional references will be prescribed by the lecturers.

154. Economic Development I.

Pre-requisite subject: Social Economics or Economics I.

This course, comprising two lectures and a tutorial, will be given as evening lectures in 1960.

The course is concerned with the economic development of Great Britain, the United States of America and Australia. It will attempt to show how economic change was related to the social and economic position of these countries and how simple economic models can be used to analyse their development.

Preliminary reading:

- Lewis, W. A., *The theory of economic growth* (Allen and Unwin).

Text-books:

- Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D. 1750* (C.U.P.).
 Court, W. H. K., *A concise economic history of Britain from 1750 to recent times* (C.U.P.).
 Williamson, H. F. (ed.), *Growth of the American economy* (Prentice-Hall).
 Shann, E. O. G., *An economic history of Australia* (C.U.P.).
 Fitzpatrick, B., *The British Empire in Australia* (M.U.P.).

Reference books:

- Bennett, H. S., *Life on the English manor 1150-1400* (C.U.P.).
 Power, E., *The wool trade in English medieval history* (O.U.P.).
 Nef, J. U., *The cultural foundations of industrial civilization* (C.U.P.).
 Tawney, R. H., *Religion and the rise of capitalism* (Pelican or Murray).
 Butterfield, H., *The origins of modern science* (Bell).
 Hill, C. (ed.), *The English revolution* (Lawrence and Wishart).
 Ashton, T. S., *Economic fluctuations in England, 1700-1810* (O.U.P.).
 Ashton, T. S., *The economic history of England in the eighteenth century* (Methuen).
 Mantoux, P., *The industrial revolution in the eighteenth century* (Cape).
 Matthews, R. C. O., *A study in trade-cycle history* (C.U.P.).

- Burn, D. L., *The economic history of steel making, 1867-1939* (C.U.P.).
 Morgan, E. V., *The theory and practice of central banking, 1797-1914* (O.U.P.).
 Robertson, R. M., *History of the American economy* (Harcourt).
 Studenski, P., and Krooss, H. E., *Financial history of the United States* (McGraw-Hill, 1952).
 Bailey, J. D., *Growth and depression: contrasts in the Australian and British economies, 1870-1880* (A.N.U.).
 Barnard, A., *The Australian wool market, 1840-1900* (M.U.P.).

155. Economic Development II.

Pre-requisite subjects: Economic Development I or History IIB; and Economics III, if not already completed, must be taken concurrently.

The course will comprise two classes a week given in the day time in even years and in the evening in odd years. It will be concerned with the secular development of economies and with a comparative study of economic systems. The programme will include a discussion of theories of growth, development problems in underdeveloped and mature economies and some case studies in development.

Text-books:

- Meier, G. M., and Baldwin, R. E., *Economic development* (Wiley).
 Nurkse, R., *Problems of capital formation in underdeveloped countries* (Blackwell).

Reference books:

- Baran, P., *The political economy of growth* (Monthly Review Press).
 Bauer, P. T., *Economic analysis and policy in underdeveloped countries* (Duke U.P.).
 Baumol, W., *Economic dynamics* (Macmillan).
 Domar, E., *Essays in the theory of economic growth* (O.U.P.).
 Johnson, H. G., *International trade and economic growth* (Allen and Unwin).
 Kindleberger, C. P., *Economic development* (McGraw-Hill).
 Lekachman, R., *National policy for economic welfare* (Columbia U.P.).
 Leibenstein, H., *Economic backwardness and economic growth* (Wiley).
 Tinbergen, J., *Design of development* (Johns Hopkins).
 Galbraith, J. K., *The affluent society* (Hamilton).
 Veblen, T., *Theory of leisure class* (Modern Library).
 Choh-Ming Li, *Economic development of Communist China* (University of California).
 Allen, G. C., and Dunnithorne, A. G., *Western enterprise in Far Eastern economic development: China and Japan* (Allen and Unwin).
 Bergson, A., *Soviet economic growth* (Peterson).
 Lockwood, W. W., *The economic development of Japan* (O.U.P.).
 India: Planning Commission, *Second five year plan*.

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*, 4th edition (McGraw-Hill).
 Cohen, R., *The economics of agriculture*, revised edition (C.U.P.).

Reference books:

- Nevin, E., *Textbook of economic analysis* (Macmillan).
 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., and Johnson, G. L., *Farm management analysis* (Wiley).
 Beneke, R. R., *Managing the farm business* (Wiley).
 Heady, Earl O., *Economics of agricultural production and resource use* (Prentice-Hall).
 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.).
 Martin, Anne, *Economics and agriculture* (Routledge and Kegan Paul).
 Additional references will be prescribed by the lecturer.

157. Economic Theory.

Students may enrol for this subject only with the permission of the Professor of Economics.

The course comprises Part C of Economics III and in addition, two lectures a week on advanced value theory and some more advanced topics in outlay and employment. In 1960, students should consult the lecturers for details of recommended text and reference books.

158. Economics for the Honours Degrees of B.A. and B.Ec.

Detailed arrangements for classes will depend on enrolments, and students are advised to communicate with the Professor of Economics well before the beginning of the academic year. Students will be admitted to Honours classes only with the approval of the Professor. The Honours work falls into two divisions. Interim honours classes are conducted for 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 HONORS:

Interim Honours students shall take the course in Economic Theory (157).

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 the thesis typed double spaced on quarto paper must be 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*, 9th edition (Macmillan).
 Robertson, D. R., *Lectures on economic principles*, Vols. I-III (Staples).
 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 edition (Macmillan).
 Little, I. M. D., *A critique of welfare economics*, 2nd edition (O.U.P.).
 Graaff, J. de V., *Theoretical welfare economics* (C.U.P.).
 Scitovsky, T., *Welfare and competition* (Allen and Unwin).
 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 edition (O.U.P.).
 Tew, B., *International monetary co-operation*, 2nd edition (Hutchinson's University Library).
 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.).
 Duesenberry, J. S., *Business cycles and economic growth* (McGraw-Hill).
 MacDougall, D., *The world dollar problem* (Macmillan).
 Domar, E. D., *Essays in the theory of economic growth* (O.U.P.).
 Kaldor, N., *An expenditure tax* (Allen and 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*, Vols. I and II (Blakiston).
 Robinson, J., *The accumulation of capital* (Macmillan).
 Lewis, W. A., *The theory of economic growth* (Allen and 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 determines otherwise.

This course is given annually, alternately as day lectures and evening lectures. It will be given in 1960 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:

Croton, F. E., and Cowden, D. J., *Applied general statistics*, 2nd edition (Prentice-Hall).

Davies, O. L., *Statistical methods in research and production* (Oliver and Boyd).

Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (Wiley).

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 and Unwin).

Clark, C., and Crawford, J. G., *The national income of Australia* (Angus and Robertson).

United Nations, *Measurement of national income and construction of social accounts*.

United Nations: *A system of national accounts and supporting tables* (Studies and methods No. 2).

Edey, H. L. and Peacock, H. T., *National income and social accounting* (Hutchinson's University Library).

United Nations: *Index numbers of industrial production* (Studies and methods No. 1).

Carter, C. F., Reddaway, W. B., and Stone R., *The measurement of production movements* (C.U.P.).

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* (University 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; Statisticians' report on Census 30th June, 1954; Labour report; Monthly review of business statistics*.

162. Economic Statistics II.

Pre-requisite subjects: Economic Statistics I and Mathematics I at the higher standard.

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 1961, and will be given if sufficient students enrol. It comprises two lectures and one tutorial a week.

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* (Wiley).
 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).
 Dorfman, R., Samuelson, P. A., and Solow, R., *Linear programming and economic analysis* (McGraw-Hill).

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 1961, 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*, 2nd edition (C.U.P.).
 Campbell, W. J., *Australian State public finance* (Law Book Co.).

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.

COMMERCE.

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) *Management accounting:*

Profit planning and cost analysis; budgeting and budgetary control; cost systems; recording and control of costs—materials, labour, expense; standard costs; machine and electronic accounting; performance reports for management.

(b) *Accounting theory:*

Overhead costs; multiple product costs; the relationship between costs and output; marginal or direct costing; cost concepts in relation to price and production policy decisions; accounting and economic concepts of business surplus.

(c) *Business finance:*

The nature of finance; factors affecting the demand for capital; sources of finance; factors affecting the capital structure of companies; rates of return on funds employed; distortions in the capital market; inflation and business finance; financial mathematics.

Prescribed books:

(a) Text-books:

- Lang, McFarland and Schiff, *Cost accounting* (Ronald).
 Vatter, W. J., *Managerial accounting* (Prentice-Hall).
 Solomons, D. (ed.), *Studies in costing* (Sweet and Maxwell).
 Paish, F. W., *Business finance* (Pitman).
 Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).
 Hummel and Seebeck, *Mathematics of finance* (McGraw-Hill).

(b) Recommended for reference:

- Dean, J., *Managerial economics* (Prentice-Hall).
 Nickerson, C. B., *Cost accounting* (McGraw-Hill).
 Thomas, W. E. (ed.), *Readings in cost accounting, budgeting and control* (South-Western).
 Lang, T. (ed.), *Cost accountants' handbook* (Ronald).
N.A.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; statistical techniques in auditing.

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 budgetary control. 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 degree of B.Ec., 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 terminology; relationship between cost and financial records; classification and analysis of expenditure; methods of purchasing, storing, receiving, issuing, handling, pricing and control of materials; methods of time keeping and labour costing; time and motion study and the calculation of efficiency; personnel management; incentive wage payments methods; production control; control and accounting for work-in-process and finished stock; recording and allocation of factory service costs; organisation of physical facilities; utilisation of service capacity and idle capacity costs; manufacturing risks and losses; mechanised and electronic accounting; by-products and joint products; analysis and control of distribution costs; installation of cost systems; standard costs; cost reports for control purposes; cost accounting applied to small industries.

(b) *Budgets and budgetary control:*

Types of budgets and their preparation; integration of budgets in the accounting system; use of budgets 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.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.

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).

Joske, P., *Law of partnerships* (Butterworth).

(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 degree of B.Ec. 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.

INTRODUCTORY NOTES

1. Attention is drawn to the pre-requisite subjects for admission to the various courses as prescribed in the syllabuses below, and to the following special points:

- (a) Mathematics II may be presented as a subject for the degree of B.A. or B.Sc. only if neither Pure Mathematics II nor Applied Mathematics II also is taken.
 (b) With the approval of the Head of the Department of Mathematics a qualified candidate may take the course in Honours Mathematics III in lieu of the two courses in Pure Mathematics III and Applied Mathematics III.
 (c) A candidate who wishes to take Mathematical Statistics should preferably have already passed in Pure Mathematics III; if he has not done so he must take Pure Mathematics III concurrently with Mathematical Statistics.

2. In special cases the appropriate Faculty may permit a student:

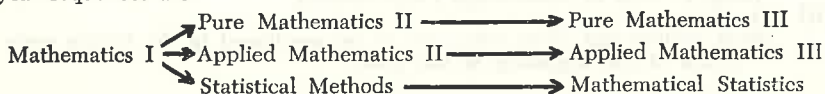
- (a) to enrol for Mathematics I without having passed in General Mathematics or Leaving Honours Mathematics I and II;
 (b) to enrol for Mathematics II, Pure Mathematics II or Applied Mathematics II having passed in General Mathematics.
 (c) to enrol for Pure Mathematics III or Applied Mathematics III having passed in Mathematics II.

Application for such special permission, setting out the grounds on which it is sought, must be made in writing to the Registrar.

3. The courses in Mathematics for the Ordinary degree of B.Sc. are as follows:

- Group A: General Mathematics, Mathematics I;
 Group B: Mathematics II, Pure Mathematics II, Applied Mathematics II, Statistical Methods;
 Group C: Pure Mathematics III, Applied Mathematics III, Mathematical Statistics;
 Group D: Honours Mathematics III.

4. For candidates proceeding to the Ordinary degree of B.A., possible three-year sequences are:



5. The courses in Mathematics for Engineering students only are: Mechanics, Mathematics I (Engineering), Mathematics II (Engineering), Mathematics III (Engineering). A student for the degree of B.E. who is required to take the First Year of the Engineering course will normally take General Mathematics; but if he has passed in Leaving Honours Mathematics I and II, he may instead take Mathematics I (for Arts and Science students). A student who has completed the First Year of the Engineering course or has been exempted from it will take Mechanics and Mathematics I (Engineering).

201. General Mathematics.

Pre-requisite subjects: Leaving Mathematics, Parts I and II, and a pass in the special examination in Mathematics held in conjunction with the Leaving Examination.

The course comprises three lectures and one two-hour tutorial class a week and is given annually. A pass in it suffices for entrance to the courses in Mathematics I and Mathematics I (Engineering).

The syllabus comprises elementary calculus, algebra, trigonometry, plane analytic geometry and the mensuration of the simpler solids.

Text-books:

Durell and Robson, *Elementary calculus*, Vol. 1 (Bell).
 Castle, *Logarithmic and other tables*, 4 figures (Macmillan); or
 Yarwood and Castle, *Physical and mathematical tables*, 4 figures (Macmillan).

202. Mathematics I.

Pre-requisite subject: General Mathematics or Leaving Honours Mathematics, Parts I and II.

The course comprises three lectures and one two-hour tutorial class a week and is given annually. A pass in it suffices for entrance to Mathematics I (Engineering), and a pass in Division I suffices for entrance to Pure Mathematics II, Applied Mathematics II and Mathematics II.

The syllabus comprises elementary calculus, elementary applications to dynamics, two and three dimensional analytic geometry and algebra.

Text-book:

Thomas, G. B., *Calculus and analytic geometry* (Addison-Wesley).

203. Mathematics II.

Pre-requisite subject: Mathematics I at Division I or higher standard.

The course comprises three lectures and one tutorial class a week and is given annually. It is designed for those who do not intend to do a third year course in Mathematics.

The syllabus comprises: sequences and series, ordinary and partial differential equations, multiple integrals, determinants and matrices, numerical analysis, statistics.

Text-book:

Thomas, G. B., *Calculus and analytic geometry* (Addison-Wesley).

204. Pure Mathematics II.

Pre-requisite subject: Mathematics I at Division I or higher standard.

The course will comprise three lectures and one tutorial class a week and given annually.

Subjects of examination:

- (a) Elementary theory of real functions;
- (b) Convergence of real and complex sequences; power series;
- (c) Matrices and determinants;
- (d) Plane and solid coordinate geometry.

Text-books:

Courant, R., *Differential and integral calculus*, Vol. 1 (Blackie); or
 Maxwell, E. A., *An analytical calculus for school and university*, Vols. 2 and 3 (C.U.P.).
 Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).
 Tuckey, C. O., and Armistead, W., *Coordinate geometry* (Longmans).

205. Applied Mathematics II.

Pre-requisite subject: Mathematics I at Division I or higher standard.

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 analysis.

Text-books:

- Thomas, G. B., *Calculus and analytic geometry* (Addison-Wesley).
Rutherford, D. E., *Classical mechanics* (Oliver and Boyd).

206. Statistical Methods.

Pre-requisite subject: General Mathematics or Leaving Honours Mathematics, Parts I and II.

The course comprises three lectures and one tutorial a week, and deals with the following topics: probability and probability distributions as mathematical models of statistical data, applications of the normal, binomial, Poisson, chi-square, t and F distributions, simple and multiple regression, correlation, analysis of variance, experimental design, quality control.

Students are expected to make use of the calculating machines in the Mathematics Department for their exercise work.

No text-book is recommended, but the following list of reference books cover a wide range of fields to which the methods are applied:

- Cramer, H., *The elements of probability theory* (Wiley).
Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (Wiley).
Dixon, W. J., and Massey, F. J., *Introduction to statistical analysis* (McGraw-Hill).
Snedecor, G. W., *Statistical methods (applied to experiments in agriculture and biology)*, 5th edition (Iowa State College Press).
Mather, K., *Statistical analysis in biology* (Methuen).
Bennett, C. A., and Franklin, N. C., *Statistical analysis in chemistry and the chemical industry* (Wiley).
Burr, I. W., *Engineering statistics and quality control* (McGraw-Hill).
Fisher, R. A., *Design of experiments*, 6th edition (Oliver and Boyd).
Cox, D. R., *Planning of experiments* (Wiley).
Fisher, R. A., and Yates, F., *Statistical tables for biological, agricultural and medical research*, 5th edition, revised and enlarged (Oliver and Boyd).

207. Pure Mathematics III.

Pre-requisite subject: Pure Mathematics II at Division I or higher standard.

The course consists of four lectures and one tutorial class a week.

The syllabus comprises: real and complex analysis, modern algebra, matrices, analytic geometry.

Text-books:

- Knopp, K., *Theory of functions*, Part I, tr. Bagemihl (Dover).
Apostol, T., *Mathematical analysis* (Addison-Wesley).
Birkhoff, G., and McLane, S., *A survey of modern algebra* (Macmillan).

Reference books:

- Churchill, R. V., *Fourier series and boundary value problems* (McGraw-Hill).
La Vallée Poussin, C. J. de, *Cours d'analyse infinitésimale*, Vols. 1 and 2 (Gauthier).
Newman, M. H. A., *Elements of the topology of plane sets* (C.U.P.).
Hobson, E. W., *The theory of functions of a real variable* (C.U.P.).
Thrall, R. M., and Tornheim, L., *Vector spaces and matrices* (Wiley).

208. Applied Mathematics III.

Pre-requisite subject: Applied Mathematics II at Division I or higher standard.

The course comprises four lectures and one tutorial class a week and consists of a selection from the following subjects: vectors and tensors, elasticity, hydrodynamics, higher mechanics, functions of a complex variable, differential equations, calculus of variations, numerical analysis.

209. Mathematical Statistics.

Pre-requisite subject: Pure Mathematics III (207); candidates who have not completed this course must take it concurrently with Mathematical Statistics.

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.

210. Honours Mathematics III.

Pre-requisite subjects: Pure Mathematics II and Applied Mathematics II, each at Division I or higher standard.

This course is intended for students proceeding to an honours degree and comprises such parts of Pure Mathematics III, Applied Mathematics III and other subjects as the Professors of Mathematics shall prescribe. A student who passes in this course will, upon written application to the Registrar, be granted status for both Pure Mathematics III and Applied Mathematics III.

A student who wishes to take this course must first consult the Head of the Department.

211. Mathematics for the Honours Degree of B.A. or B.Sc.

Pre-requisite subject: Honours Mathematics III at a standard satisfactory to the Head of the Department.

This course will be determined from year to year. It will normally comprise topics selected from the following: theory of functions, modern algebra, theory of numbers, applied analysis, numerical analysis, advanced dynamics, hydrodynamics, mathematical statistics.

212. Mechanics.

Pre-requisite subject: General Mathematics or Mathematics I.

The course consists of two lectures and one tutorial class a week and is given annually. It deals with the general principles of statics and dynamics, and with applications to engineering problems.

Text-book:

Timoshenko, S., and Young, D. H., *Engineering mechanics* (McGraw-Hill).

213. Mathematics I (Engineering).

Pre-requisite subject: General Mathematics or Mathematics I.

The course consists of three lectures and one tutorial class a week and is given annually. It deals with the following: differential and integral calculus, partial differentiation, infinite series, complex numbers, determinants, differential equations, vector algebra.

Text-book:

Thomas, G. B., *Calculus and analytic geometry* (Addison-Wesley).

214. Mathematics II (Engineering).

Pre-requisite subject: Mathematics I (Engineering).

The course consists of three lectures and one tutorial class a week and is given annually. It deals with the following: differential equations, Laplace transforms, Fourier series, partial differential equations, functions of complex variables, theory of vibrations, vector analysis, statistics.

Text-book:

Wylie, P. R., *Advanced engineering mathematics* (McGraw-Hill).

215. Mathematics III (Engineering).

Pre-requisite subject: Mathematics II (Engineering).

The course will consist of two lectures and one tutorial class a week. It will not be given in 1960.

The details of the syllabus of the course will be published later, but it will include: integral theorems of vector calculus, complex variable theory, conformal mapping, calculus of variations, analogies and analogues.

216. 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.

PHYSICS**INTRODUCTORY NOTES.**

1. Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.
2. The course in General Physics assumes a knowledge of Physics and Mathematics at Leaving Certificate standard, and is designed on that basis for students who wish to take only a one-year course in Physics; and all such students are recommended to take it (and not Physics I). This course also serves as an introduction to Physics I and Engineering Physics for those who have not taken Leaving Honours Physics.
3. The course in Engineering Physics is designed for *engineering* students only. It covers selected material from Physics I and Physics II not included elsewhere in the Engineering courses.
4. The course in Physics I is the first-year work of a closely-integrated two-year course designed primarily for students intending to study Physics for at least two years. A student who completes the course and subsequently decides not to proceed to Physics II will be credited with a pass in a first-year (Group A) subject.
5. On completing Physics II a student may elect either to take Physics IIIA (a third-year course for the Ordinary degree of B.Sc.) or to begin the two-year Honours course in Physics consisting of Physics III and Physics IV (Honours). A student who completes Physics III and subsequently decides not to proceed further in Honours Physics will be credited with a Group C subject for the Ordinary degree.
6. Students are directed to take particular note of the pre-requisites for each subject. In particular they should note that whereas either Pure Mathematics II or Applied Mathematics II or Mathematics II is an acceptable pre-requisite for Physics IIIA, only Applied Mathematics II is acceptable as a pre-requisite for Physics III and Applied Mathematics III or Mathematical Physics A should be taken concurrently with Physics III. Thus a student who wishes, or thinks that he may wish, to proceed to the Honours degree in Physics is strongly advised to plan his course to encompass the following subjects:

First Year: Physics I; Mathematics I; Chemistry I; one other Group A subject.

Second Year: Physics II; Applied Mathematics II; Pure Mathematics II.

Third Year: Physics III; Applied Mathematics III or Mathematical Physics A.

Fourth Year: Physics IV (Honours).

221. General Physics.

Pre-requisite subjects: A knowledge of Physics and Mathematics at Leaving Certificate standard is assumed.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General physics, including mechanics, acoustics, heat, geometrical and physical optics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, and by one of the following text-books, which should be read concurrently with the lecture course:

Ference, M., Lemon, H. B., and Stevenson, R. J., *Analytic experimental physics* (Chicago U.P.) (new edition, if available).
 Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principals and applications* (McGraw-Hill); or
 Sears, F. W., and Zemansky, M. W., *University physics*, 2nd edition (Addison-Wesley).

Students are also recommended to read *Introduction to concepts and theories in physical science* by G. Holton (Addison-Wesley), upon which an optional question will be set in the General Physics examination.

222A. Physics A (Engineering).

Pre-requisite subjects: General Physics (221) or a standard satisfactory to the Faculty of Engineering in Physics, Mathematics and Chemistry at the Leaving Honours Examination.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General physics, including properties of matter, heat, geometrical and physical optics, acoustics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading from the text-books cited for the course in Physics I (223).

222B. Physics B (Engineering).

Pre-requisite subjects: General Physics (221) or a standard satisfactory to the Faculty of Engineering or the Faculty of Technology in Physics, Mathematics and Chemistry at the Leaving Honours examination.

The course is given annually and comprises about 60 lectures on selected topics from the course in Physics A (Engineering) (222A) including properties of matter, geometrical and physical optics, electricity and magnetism, and modern physics.

Practical work in the laboratory occupies three hours a week throughout the year.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading from the text-books cited for the course in Physics I (223).

223. Physics I.

Pre-requisite subject: Leaving Honours Physics or General Physics; or special permission obtainable in writing through the Registrar from the Professor of Physics, which must be attached to the enrolment form.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General physics, including properties of matter, heat and thermodynamics, optics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, together with prescribed parts of the following text-books:

Champion, F. C., and Davy, N., *Properties of matter* (Blackie).
 Roberts, J. K., *Heat and thermodynamics* (Blackie).
 Ditchburn, R. W., *Light* (Blackie).
 Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill).

Bleaney, Betty, and Bleaney, B., *Electricity and magnetism* (O.U.P.).
 Stranathan, J. D., *The "particles" of modern physics* (McGraw-Hill).
 Starling, S. G., and Woodall, A. J., *Physics* (Longmans).

Students who contemplate proceeding to Physics IIIA should note that during their three-year course they will be expected to read *Introduction to concepts and theories in physical science* by G. Holton (Addison-Wesley).

224. Physics II.

Pre-requisite subjects: Mathematics I (202); and Physics I (223) *or*, in exceptional circumstances, and with the special approval of the Professor of Physics, General Physics (221).

The course comprises three lectures and six hours practical work a week, and is given annually.

The subjects of examination, and recommended text-books, are as specified for course 223.

225. Physics III.

Pre-requisite subjects: Applied Mathematics II (205) or Pure Mathematics II (204) or the first-year Honours course in Pure Mathematics given in or before 1959; and Course 224 at Division I or higher standard.

The course will be offered in 1960 only. It 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 in Applied Mathematics II normally will attend a course of lectures designed for those proceeding to Honours Physics; (B) Students who have not passed in Applied Mathematics II will attend a somewhat wider and more descriptive course of lectures. Students who have passed in 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* (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).

225A. Physics IIIA.

Pre-requisite subjects: Physics II (224) at Division I or higher standard; and one of Mathematics II (203), Pure Mathematics II (204), Applied Mathematics II (205), the first-year Honours course in Mathematics given in or before 1959.

The course will not be offered until 1961. It comprises three lectures and a minimum of nine hours practical work a week, and will be given annually.

Subjects of examination:

Physics as dealt with in the lecture and laboratory courses. Questions will also be set on the subject matter of *Introduction to concepts and theories in physical science* by G. Holton (Addison-Wesley), which students are expected to read during the course.

Text-books recommended for reading and reference:

- Roberts, J. K., *Heat and thermodynamics* (Blackie).
 Harnwell, G. P., *Principles of electricity and magnetism* (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, F. H., *Introduction to modern physics*, 5th edition (McGraw-Hill).
 Electrical Engineering Staff of M.I.T., *Applied electronics* (Wiley).
 Starling, S. G., and Woodall, A. J., *Physics* (Longmans).
 Ditchburn, R. W., *Light* (Blackie).
 Sproull, R. L., *Modern physics* (Chapman and Hall).
 Harnwell, G. P., and Stephens, W. E., *Atomic physics* (McGraw-Hill).
 Constant, F. W., *Theoretical physics* (Addison-Wesley).

226. Physics for the Honours Degree of B.Sc.

Pre-requisite subjects: Applied Mathematics III (208); and Course 225 at a standard satisfactory to the Professor of Physics.

On application to the Professor of Physics, a student who has not passed Applied Mathematics III (and whose pass in Course 225 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.

The course will be offered in 1960 and 1961 only and comprises supervised practical work and courses of lectures on special subjects.

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.

New Courses in Physics for the Honours Degree of B.Sc.

226A. Physics III.

Pre-requisite subjects: Physics II (224) and Applied Mathematics II (205), each at Division I or higher standard.

The course will not be offered until 1961. It will consist of three lectures and a minimum of nine hours practical work a week, and will comprise an advanced study of aspects of classical and modern physics.

Students will be expected to be thoroughly familiar with the text-books recommended for Physics I and II and to read such books as may be referred to from time to time.

227. Physics IV (Honours).

Pre-requisite subjects: Applied Mathematics III (208) or Mathematical Physics A (229A); and Physics III (226) at a standard satisfactory to the Professor of Physics.

The course will not be offered until 1962. It will comprise supervised practical work, and courses of lectures in continuation of the Physics III course (226). Students will be required to study such text-books as may be referred to in the lecture courses.

MATHEMATICAL PHYSICS

Mathematical Physics for the Ordinary Degree of B.Sc.

There are two alternative courses in Mathematical Physics for the Ordinary degree of B.Sc., namely, Mathematical Physics A (229A) and Mathematical Physics B (229B).

For each subject, pre-requisites are passes in Pure Mathematics II, Applied Mathematics II and Physics II. Exceptionally, a student who has passed in only one of the second-year Mathematics courses and in Physics II may be permitted by the Faculty on the recommendation of the Professor of Mathematical Physics to proceed to either subject.

Both courses are intended primarily for students who wish to proceed eventually to the Honours degree of B.Sc. in Mathematical Physics. They will consist of lectures given within the Department of Mathematical Physics, supplemented by special work in the Mathematics Department (for those taking Physics III concurrently), or in the Physics Department (for those taking Applied Mathematics III concurrently).

229A. Mathematical Physics A.

Physics III (226) must be taken concurrently.

The course will comprise about five lectures a week, and will include the following topics: Methods of mathematical physics; higher mechanics; statistical thermodynamics and kinetic theory; elementary quantum mechanics and nuclear theory.

229B. Mathematical Physics B.

Applied Mathematics III (208) must be taken concurrently.

The course will comprise about four lectures a week and a short course of practical work. Topics will include: Pure mathematics; electromagnetic theory; wave mechanics; special theory of relativity; statistical thermodynamics and kinetic theory; elementary quantum mechanics and nuclear theory.

230. Mathematical Physics for the Honours Degree of B.Sc.

In general, only students who have reached a satisfactory standard in Mathematical Physics A or B, and in either Physics IIIA or Applied Mathematics III, will be permitted to proceed to the Honours course. Exceptionally, with the permission of the Faculty of Science, students who have not passed in Mathematical Physics in their third year, but have taken two of the following: Pure Mathematics III, Applied Mathematics III, and Physics IIIA, may be permitted so to proceed.

The course will consist partly of lectures given within the Department of Mathematical Physics, and partly of lectures attended by Honours Mathematics and Physics students, which will be prescribed by the Professor of Mathematical Physics.

Candidates for the degree of B.Sc. with Honours in Mathematical Physics will be required to have a reading knowledge of at least one foreign language.

CHEMISTRY

Students who intend to take third-year courses in both Physical and Inorganic Chemistry and Organic Chemistry are advised to take the following combinations of subjects: *First year*, Chemistry I, General Physics or Physics I, General Mathematics or Mathematics I, and either Biology or Geology I; *Second year*, Physical and Inorganic Chemistry II, Organic Chemistry II, and one of Pure Mathematics II, Biochemistry I, 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 is designed to serve as an introduction to practical inorganic chemistry, physical chemistry, chemical analysis and organic chemistry.

Text-books:

Pauling, L., *General chemistry*, 2nd edition (Freeman);
 West, P. W., Vick, M. W., and LeRosen, A. L., *Qualitative analysis and analytical chemical separations* (Macmillan);
 Brown, G. I., *A simple guide to modern valency theory* (Longmans);
 English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill); or
 Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

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 a week throughout the three terms of the year.

Text-books:

Pauling, L., *General chemistry*, 2nd edition (Freeman); or
 Garside, J. E., and Phillips, R. F., *Pure and applied chemistry* (Pitman);
 or
 Durrant, P. J., *General and inorganic chemistry*, 2nd edition (Longmans).

233. Physical and Inorganic Chemistry II.

Pre-requisite subjects: General Physics (221) or Physics I (223) and Chemistry I (231).

Students are also recommended to have taken General Mathematics (201) or Mathematics I (202).

The course, which is given annually, consists of three lectures and not less than six hours practical work a week throughout the three terms of the year.

The lectures deal with systematic inorganic chemistry and introductions to thermodynamics, electrochemistry, reaction kinetics and theoretical chemistry.

The practical courses deal with quantitative analysis, preparative inorganic chemistry and physical chemistry.

Text-books:

Moore, W. J., *Physical chemistry*, 2nd edition (Prentice-Hall).
 Klotz, I. M., *Chemical thermodynamics* (Prentice-Hall).
 Moeller, T., *Inorganic chemistry* (Wiley).
 Cartmel, E., and Fowles, G. W. A., *Valency and molecular structure* (Academic Press).
 Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans).

Reference books:

Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).
 Sidgwick, N. V., *Chemical elements and their compounds* (O.U.P.).
 Remy, H., *Treatise on inorganic chemistry*, Vols. 1 and 2 (Elsevier).
 Palmer, W. G., *Experimental inorganic chemistry* (C.U.P.).

234. Chemistry IIA.

Pre-requisite subject: Chemistry IA (232).

Lectures: Two hours a week throughout the year dealing with an introduction to thermodynamics, the phase rule, electrochemistry, reaction kinetics, kinetic theory and the solid state.

One hour a week throughout the year dealing with elementary organic chemistry.

Practical Work: Not less than six hours a week involving one term for each of analytical, physical and organic chemistry.

Text-books:

Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan); or
 Moore, W. J., *Physical chemistry*, 2nd edition (Prentice-Hall); and
 English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill); or
 Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

Reference books:

- Daniels, F., and Alberty, R. A., *Physical chemistry* (Wiley).
 Glasstone, S., *Thermodynamics for chemists* (Macmillan).
 Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).
 Klotz, I. M., *Chemical thermodynamics* (Prentice-Hall).

235. Chemistry II.

Pre-requisite subject: Chemistry I (231).

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 these topics.

Text-book:

- Moore, W. J., *Physical chemistry*, 2nd edition (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.

Text-book:

- English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (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 these topics.

Text-books:

- Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).
 Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).
 Bonner, J., *Plant biochemistry* (Academic Press).

Reference books:

- Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).
 Baldwin, E., *Dynamic aspects of biochemistry*, 2nd edition (C.U.P.).

236. Organic Chemistry II.

Pre-requisite subject: Chemistry I (231).

The course, which is given annually, consists of three lectures and at least six hours practical work a week throughout the three terms of the year.

The lectures deal with the chief families of aliphatic and aromatic compounds and with theoretical questions arising out of such study.

Text-books:

- Finar, I. L., *Organic chemistry*, 2nd edition, Vol. I (Longmans); and
 Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans); and
 Openshaw, H. T., *Qualitative organic analysis* (C.U.P.).

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 *either* General Mathematics (201) *or* Mathematics I (202). Students may be exempted from the pre-requisite subject in Mathematics 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).

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.

Text-books:

- Moore, W. J., *Physical chemistry*, 2nd edition (Prentice-Hall).
 Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).
 Cartmel, E., and Fowles, G. W. A., *Valency and molecular structure* (Academic Press).
 Moeller, T., *Inorganic chemistry* (Wiley).
 Emeléus, H. J., and Anderson, J. A., *Modern aspects of inorganic chemistry* (second edition) (Routledge).
 Friedlander, G., and Kennedy, J. W., *Nuclear and radiochemistry* (Chapman and Hall, 1955).
 Palmer, W. G., *Experimental inorganic chemistry* (C.U.P.).
 Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).
 Daniels, F., and others, *Experimental physical chemistry*.

Reference books:

- Glasstone, S., *Thermodynamics for chemists* (Macmillan).
 Coulson, C. A., *Valence* (O.U.P.).
 Sidgwick, N. V., *Chemical elements and their compounds*, Vols. I and II (C.U.P.).

239. Organic Chemistry III.

Pre-requisite subject: Organic Chemistry II (226). Students are also recommended to have taken Physical and Inorganic Chemistry II (233).

The course, which is given annually, consists of three lectures and at least twelve hours practical work a week throughout the three terms of the year.

The lectures deal with the electronic theory of organic chemistry and its application to the mechanisms of organic reactions; the chemistry of heterocyclic compounds, including the study of natural products; the chemistry of alicyclic compounds, terpenes and sugars; and stereochemistry.

Text-books:

- Finar, I. L., *Organic chemistry*, Vol. 2 (Longmans).
 Badger, G. M., *The aromatic compounds* (C.U.P.).
 Vogel, A. I., *Practical organic chemistry* (Longmans).
 Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans).
 Buchanan, C., and others, *Separation and identification of organic compounds* (U.L.P.).

Reference books:

- 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.

Text-books:

Those for the Ordinary Degree, and in addition other reference books, a list of which will be published in the Department of Physical and Inorganic Chemistry.

243. 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), or Organic Chemistry III (239) and such other third-year subject as may be approved by the Faculty on the recommendation of the Professor of Organic Chemistry.

The course, which is given annually, will consist of lectures and seminars in advanced Organic Chemistry and such lectures in Physical and Inorganic Chemistry as the Professor of Organic Chemistry may deem necessary. All time not devoted to lectures and seminars will be given to laboratory work.

Students may be required to satisfy the Professor that they have a reading knowledge of French and German.

Text-books:

Those for the Ordinary Degree, and in addition, other reference books, a list of which will be published in the Department of Organic Chemistry.

SOIL SCIENCE

245. Soil Science IA.

The course of lectures and practical work is identical with that for Soil Science I (379) (for syllabus see under the Faculty of Agricultural Science). 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.

LABORATORY WORK.—Three hours a week in practical classes; one hour a week in tutorial classes. Students should also spend at least one additional hour a week in independent study in the laboratory at times to be arranged. The course deals with the study of geological maps and the examination of crystal models, minerals, rocks and fossils.

FIELD WORK.—At least four excursions to places of geological interest near Adelaide.

Books recommended:

Preliminary reading:

Raistrick, A., *Teach yourself geology* (E.U.P.); or
Read, H. H., *Geology* (H.U.L.).

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).

Reference books:

Rutley, F., *Elements of mineralogy* (revised 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*
 (University of W.A. bookshop).

251A. Geology IA.

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* (revised by H. H. Read) (Murby).
 Tyrrell, G. W., *Principles of petrology* (Methuen).

251B. Geology I (Engineering).

LECTURES.—The lectures given in Geology I (251).

PRACTICAL WORK.—Two one-hour demonstrations a week; one hour a week in tutorial classes. Students should also spend at least one hour a week in the laboratory in independent study. The course deals with the study of geological maps and the examination of crystal models, minerals and rocks with reference to engineering problems.

252. Geology II.

Pre-requisite subject: Geology I at Division I or higher standard.

LECTURES.—This course consists of three lectures a week throughout the year as follows:—

Crystallography: The symmetry of lattices. The fourteen Bravais lattices. The derivation of the thirty-two crystal classes.

Mineralogy: Principles of structural mineralogy and a systematic study of the more important groups. The theory of optical mineralogy.

Petrology: The origin and mode of occurrence of rocks, igneous, metamorphic and sedimentary. A study of the accepted classifications of rocks.

Structural Geology: The principles of structural geology.
Stratigraphy of Australia.

Palaeontology: Nature of organic remains, palaeontological methods, the phyla of invertebrates and representative Australian fossils.

LABORATORY WORK.—Not less than six hours a week.

Crystallography: Symmetry, classification and projection of crystals and lattices.

Mineralogy: Optical mineralogy. Study of minerals in the hand specimen.

Petrology: Identification and classification of rocks. Study of typical rocks both in hand specimen and under the microscope.

Structural Geology: Interpretation of geological maps. Solving of structural problems by graphical methods.

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. Excursions to localities of special interest may be arranged.

APPARATUS.—Students need to provide themselves with field equipment of approved pattern.

Text-books:

- Phillips, F. C., *Introduction to crystallography*, 2nd edition (Longmans).
 Rogers, A. F., and Kerr, P. F., *Optical mineralogy*, 2nd edition (McGraw-Hill); or
 *Winchell, A. N., *Elements of optical mineralogy*, Vol. 2 (Wiley).
 Claessner, M. F., and Parkin, L. W. (ed.), *Geology of South Australia* (M.U.P., 1958).
 Hills, E. S., *Outlines of structural geology*, 3rd edition, 1953 (Methuen).
 Woods, H., *Invertebrate palaeontology* (C.U.P., 1947).
 *Evans, R. C., *Introduction to crystal chemistry* (C.U.P., 1952).
 *Pettijohn, F. J., *Sedimentary rocks* (Harper).
 *Mason, B., *Principles of geochemistry*, 2nd edition (Wiley, 1958).
 *Recommended for students who intend to proceed to Geology III.

Reference books:

- David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).
 McWhae, J. R., and others, *Stratigraphy of Western Australia* (M.U.P., 1958).
 Lahee, F. H., *Field geology*, 5th edition (McGraw-Hill, 1952).
 Bragg, W. L., *Atomic structure of minerals* (Cornell U.P.).
 Simpson, G. G., *Life of the past* (Yale U.P., 1953).
 Hartshorne, N. H., and Stuart, A., *Crystals and the polarising microscope*, 2nd edition (Arnold).
 Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).
 Dana, E. S., and Ford, W. E., *Text-book of mineralogy*, 4th edition (Wiley).

253. Geology IIA.

Pre-requisite subject: Geology I at Division I or higher standard.

Students taking the course for the degree of B.E. in Mining Engineering attend lectures and practical work in the crystallography, mineralogy, petrology and structural geology sections of Course 252.

254. Geology III.

Pre-requisite subject: Geology II (252) at Division I or higher standard; and either Physics II (224) or Physical and Inorganic Chemistry II (233).

LECTURES.—This course consists of eighty lectures.

Crystallography: Elementary X-ray crystallography.

Petrology: A detailed survey of igneous, sedimentary and metamorphic rocks and a discussion of some problems of petrogenesis.

Structural Geology: Advanced studies in structure and tectonics.

Mineral Deposits: The geology of mineral deposits.

Stratigraphy: Principles of stratigraphy. Outline of the regional and historical geology of the continents.

LABORATORY WORK.—Students are expected to spend at least 12 hours a week in the laboratory.

Crystallography: Interpretation of X-ray powder photographs.

Mineralogy: The determination of minerals both in thin section and in grains. The study of ore minerals.

Petrology: An extension of the course in Geology II.

Stratigraphy: Exercises in stratigraphical procedures and interpretations.

Geochemistry: Distribution of the elements.

Photogeology: Exercises in photo interpretation.

FIELD GEOLOGY.—At least one week will be spent on geological mapping.

Text-books:

- Phillips, F. C., *Introduction to crystallography*, 2nd edition (Longmans).
 Turner, F. J., and Verhoogen, J., *Igneous and metamorphic petrology* (McGraw-Hill).
 Dunbar, C. O., and Rodgers, T., *Principles of stratigraphy* (Wiley).
 Mason, B., *Principles of geochemistry*, 2nd edition (Wiley, 1958).
 Evans, R. C., *Introduction to crystal chemistry* (C.U.P., 1952).
 Pettijohn, F. J., *Sedimentary rocks* (Harper).
 Winchell, A. N., *Elements of optical mineralogy*, Vol. 2 (Wiley).

Reference books:

- Barth, T. F. W., *Theoretical petrology* (Wiley).
 Larsen, E. S., and Berman, H., *Microscopic determination of the non-opaque minerals*, 2nd edition (U.S.G.S.).
 Harker, A., *Metamorphism*, 2nd edition (Methuen).
 Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).
 Moore, R. C., *Introduction to historical geology* (McGraw-Hill, 1958).
 Gignoux, M., *Stratigraphic geology* (Freeman).
 Wells, A. K., and Kirkaldy, J. F., *Outlines of historical geology* (Murby).
 David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).
 Forrester, J. D., *Principles of field and mining geology* (Wiley).
 de Sitter, L. U., *Structural geology* (McGraw-Hill, 1956).

256. Mining Geology.

Pre-requisite subjects: Geology I (251) and Geology IIA (253).

This course completes the requirements in geology and mineralogy for students in Mining Engineering.

Lectures and laboratory work are conducted during the third term.

LECTURES.—A course of about twenty lectures dealing with the occurrence, distribution and form of mineral deposits, their genetic classification and systematic classification; the localisation of ore shoots; secondary processes and their results; metallogenetic provinces and epochs; the tenor of ores and the significance of impurities; sampling and prospecting operations; geological factors in the development of ore and ore finding.

LABORATORY WORK.—A course of demonstrations using suites of rock and ore specimens from various mining fields; the examination of ore and gangue minerals by transmitted and reflected light; methods of geological survey in mines and the compilation and use of geological mine maps and sections.

Text-books:

- Lindgren, W., *Mineral deposits*, 4th edition (McGraw-Hill).
 Bateman, A. M., *Economic mineral deposits* (Wiley).
 McKinstry, H. E., *Mining geology* (Prentice-Hall).
 Edwards, A. B. (ed.), *Geology of Australian ore deposits* (5th Empire Mining and Met. Congress, Vol. I).

Reference books:

- Short, W. N., *Microscopic determination of ore minerals* (U.S.G.S.).
 Newhouse, W. H., *Ore deposits as related to structural features* (Princeton U.P.).

257. Palaeontology.

The course comprises two lectures and four hours' laboratory work a week throughout the year, with additional individual work and field excursions.

It deals with structure and classification of fossils, palaeo-ecology, bio-stratigraphy, 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., a 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 should select a combination from the following subjects: Mineralogy, Petrology, Stratigraphy, Palaeontology, Economic Geology. Special courses of reading and laboratory studies will be laid down and each candidate will be required to give all the time not required for lectures or in the field to work in the laboratory. Evidence must be produced of satisfactory original work according to an approved plan. Candidates may be required to satisfy the examiners that they have a reading knowledge of French, German, or Russian. They must also apply, before the end of the preceding year, to the Professor concerned for approval of their proposed courses of study.

A course in X-ray crystallography will be given annually, and students may be required to take it. Courses in X-ray structure determination and in micro-palaeontology will be given from time to time.

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 the angiosperms.
- (ii) Outline of the morphology and reproduction of the main classes of plants.
- (iii) Introduction to the 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* (Wiley, New York; Chapman and Hall, London).

Students must also possess and learn to use Black, J. M., *Flora of South Australia*, parts 1-4 (Government Printer, Adelaide).

Reference books:

Priestley, J. H., and Scott, L. I., *Introduction to botany* (Longmans).

Bonner, J., and Galston, A. W., *Principles of plant physiology* (W. H. Freeman, San Francisco).

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).

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. 1-4 (Government Printer, Adelaide).

Rendle, A. B., *Classification of flowering plants*, Vol. 2, *Dicotyledons* (C.U.P.).

For supplementary reading in ecology:

Daubenmire, R. F., *Plants and environment* (Wiley).

Leeper, G. W., *Introduction to soil science* (M.U.P.).

Oosting, H. J., *Plant communities* (Freeman).

Wood, J. G., *Vegetation of South Australia* (Government Printer, Adelaide).

Reference books in Systematic Botany:

Benson, Lyman, *Plant classification* (Heath).

Lawrence, G. H. M., *Taxonomy of vascular plants* (Macmillan, 1951).

Bentham, G., *Flora Australiensis* (Reeve).

Bailey, L. H., *Manual of cultivated plants* (Macmillan).

Hackel, Eduard, *The true grasses* (from "Die Natürlichen Pflanzenfamilien") (Henry Holt).

Hutchinson, John *The families of flowering plants, I. Dicotyledons* (Macmillan).

Hill, Albert F., *Economic botany* (McGraw-Hill).

Gundersen, A., *Families of dicotyledons* (Chronica Botanica).

Dell, E., and Gardner, C. A., *Wild flowers of Western Australia*. Illus. (W.A. Newspapers Ltd.).

International code of botanical nomenclature (International Association for Plant Taxonomy, 1956).

Willis, J. C., *Manual and dictionary of flowering plants and ferns* (C.U.P.).

D. QUANTITATIVE BIOLOGY.—First term only of Part B of 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).

Reference book:

Gortner, R. A., *Outlines of biochemistry*, 3rd edition (Wiley).

B. ANATOMY, MORPHOLOGY, AND PHYLOGENY OF THE ALGAE, BRYOPHYTA AND PTERIDOPHYTA.

Text-book:

Smith, G. M., *Cryptogamic botany*, Vol. 2, 2nd edition (McGraw-Hill).

Reference books:

Campbell, D. H., *Structure and development of mosses and ferns* (Macmillan).

Lucas, A. H. S., and Perrin, F., *Seaweeds of South Australia*, Parts 1 and 2 (Government Printer, Adelaide).

Fritsch, F. E., *Structure and reproduction of the algae*, Vols. 1 and 2 (C.U.P.).

Smith, G. M., *Manual of phycology* (Chronica Botanica).

Newton, L., *Seaweed utilisation* (S. Low).

C. THE BIOLOGY, PATHOLOGY AND CLASSIFICATION OF THE FUNGI.

Text-book:

Alexopoulos, C. J., *Introductory mycology* (Wiley).

Reference books:

Ainsworth, G. C., and Bisby, G. R., *A dictionary of the fungi*, 2nd or later edition (Imperial Mycological Institute).

D. CLASSIFICATION AND COMPARATIVE MORPHOLOGY OF THE GYMNOSPERMS.

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-book:

Whaley, W. G., Breland, O. P., Heimsh, C., Phelps, A., and Schrank, A. R., *Principles of biology*, 2nd edition (Harper).

Reference book:

Simpson, G. G., Pittendrigh, C. S., and Tiffany, L. H., *Life: an introduction to biology* (Routledge and Kegan Paul).

 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.

The course includes:

- (a) An introduction to cell physiology.
 (b) A study of some invertebrates and vertebrates.
 (c) An introduction to comparative physiology.
 (d) Elementary genetics: evolution and the mechanism of evolution.
 (e) The principles of classification; ecology.
 (f) A number of written exercises and seminars on selected topics, e.g. scientific method, the race-theory, the ideas of Malthus, etc.

Text-books:

Guthrie, M. J., and Anderson, J. M., *General zoology* (Wiley).
 Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).
 Barnett, A., *The human species* (Pelican).

Students should consult:

Buchsbaum, R. M., *Animals without backbones*, vols. 1 and 2 (Penguin).
 Ramsay, J. A., *A physiological approach to the lower animals* (C.U.P.).
 Romer, A. S., *Man and the vertebrates* (Penguin).
 Abercrombie, M., Hickman, C. J., and Johnson, M. L., *A dictionary of biology* (Penguin).
 Smith, J. M., *The theory of evolution* (Pelican).

274. Zoology II.

Pre-requisite subjects: Chemistry I (231), General Physics (221) or Physics I (223), and Course (271). In special circumstances Biology (269) may be accepted as a pre-requisite instead of Course (271).

The course includes the following subjects: Cellular physiology; principles of taxonomy and classification; structure and physiology of vertebrate animals; and quantitative biology (first term only of Part B of Course 296).

Text-book:

Young, J. Z., *The life of vertebrates* (O.U.P.).

Reference books:

Cain, A. J., *Animal species and their evolution* (Hutchinson).
 Prosser, C. L., *Comparative animal physiology* (Saunders).
 Romer, A. S., *The vertebrate body* (Saunders).
 Turner, C. D., *General endocrinology* (Saunders).
 Young, J. Z., *The life of mammals* (O.U.P.).
 Parker and Haswell, *Text-book of zoology*, Vol. 2 (Macmillan).
 Scheer, B. T., *Comparative physiology* (Wiley).
 Giese, A. C., *Cell physiology* (Saunders).

275. Zoology III.

Pre-requisite subject: Course (274).

The course includes the following subjects: Animal ecology, marine biology, the classification, structure and physiology of invertebrate animals, an introduction to the history and philosophy of biology and general genetics (first term only of Part A of Course 296).

Text-books:

Borradaile, L. A., Eastham, L. E. S., Potts, F. A., and Saunders, J. T.,
The invertebrata (C.U.P.).
Prosser, C. L., *Comparative animal physiology* (Saunders).

Reference books:

Elton, C. S., *Animal ecology* (Sidgwick and Jackson).
Fraenkel, G., and Gunn, D. L., *The orientation of animals* (O.U.P.).
Andrewartha, H. G., and Birch, L. C., *The distribution and abundance of animals* (Chicago U.P.).
Wigglesworth, V. B., *Principles of insect physiology* (Methuen).
Tinbergen, N., *The study of instinct* (O.U.P.).
Simpson, G. G., *The meaning of evolution* (Yale U.P.).
Dawes, B., *A hundred years of biology* (Duckworth).
Sverdrup, H. V., Johnson, M. W., and Fleming, R. H., *The oceans* (Prentice-Hall).
Harvey, H. W., *The chemistry and fertility of seawater* (C.U.P.).
Scheer, B. T., *Comparative physiology* (Wiley).
Bullough, W. S., *Practical invertebrate anatomy* (Macmillan).
Hyman, L. H., *The invertebrates*, Vols. 1-5 (McGraw-Hill).
Lapage, G., *Parasitic animals* (C.U.P.).
Fisher, R. A., *The design of experiments* (Oliver and Boyd).

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: General Physics (221) or Physics I (223); Chemistry I (231); and either Biology (269) or any two of the following three subjects: Botany I, Zoology I, General Mathematics or Mathematics I.

The course comprises three lectures a week in the first term, two lectures a week in the second and third terms 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); or
 Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications).
 Mitchell, M. L., *Manual of practical biochemistry* (Hassell).

282. Biochemistry II.

Pre-requisite subject: Course 281 or Chemistry II (235), subject to the approval of the Faculty of Science. It is recommended that students proposing to take this course should attend a second course in chemistry.

The course comprises three lectures a week and at least eight hours practical work a week during the three terms.

Subject matter:

The lecture course will cover more advanced aspects of some of the topics dealt with in Biochemistry I, particular stress being laid on the more physical aspects of the subject and on a detailed study of intermediary metabolism. Special topics will include an introduction to the metabolism of bacteria and to plant biochemistry.

The practical work will give experience in the commoner laboratory techniques used in biochemistry, particular stress being laid on the quantitative aspects of the subject. The more modern preparative techniques will also be studied and the use of radio-active tracers will be demonstrated.

Text-books (latest editions in all cases):

- Bray, H. G., and White, K., *Kinetics and thermodynamics in biochemistry* (Churchill).
 Baldwin, E., *Dynamic aspects of biochemistry* (C.U.P.).
 Dawes, E. A., *Quantitative problems in biochemistry*.
 Fruton, J. S., and Simmonds, S., *General biochemistry* (Wiley).

Reference books:

- Methuen's monographs in biochemistry*.
 Colowick, S. P., and Kaplan, O., *Methods in enzymology* (Academic Press).
 Dixon, M., and Webb, E. C., *Enzymes* (Longmans).
 Umbreit, W. W., Burris, R. M., and Stauffer, J. F., *Manometric techniques* (Burgess).
 Greenberg, D. M., *Chemical pathways of metabolism* (Wiley).

284. Biochemistry for the Honours Degree of B.Sc.

Pre-requisite subject: Course 282.

The course extends over three terms.

Candidates are required to give their full time for at least an entire academic year to a special course of study and laboratory work in the biochemistry laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Biochemistry. They may be required also to satisfy the Professor that they have a reading knowledge of French and German.

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 U.P.).
 Graaf, S., *Essays in biochemistry* (Wiley).
 Haurowitz, F., *Chemistry and biology of proteins* (Academic Press).
 Lemberg, R., and Legge, J., *Haematin compounds and bile pigments* (Interscience).
 Bull, H. B., *Physical biochemistry* (Wiley); or
 Johlin, J. M., *Introduction to physical biochemistry*, 2nd edition (Harper).
 Dixon, M., *Multi-enzyme systems* (C.U.P.).
Symposium on the use of isotopes in biology and medicine (Blackwell).
 Williams, T. J., *The elements of chromatography* (Blackie).
 Other reading will be prescribed during the course.

PHYSIOLOGY

286. Physiology.

Pre-requisite subjects: General Physics (221) or Physics I (223); Chemistry I (231); Biology (269) or any two of the following three subjects: Botany I, Zoology I, General Mathematics or 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, 17th edition (W. B. Saunders).

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.

291. Bacteriology I.

Pre-requisite subjects: General Physics (221) or Physics I (223); 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, moulds and yeasts; physiology, metabolism and classification of viruses, bacteria, moulds 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, moulds, 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* (University Tutorial Press).

Reference books:

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity*, 4th edition (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 Smith, N. R., *Bergey's manual of determinative bacteriology*, 7th edition (Williams and Wilkins).

- 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 edition (McGraw-Hill, 1949).
 Hammer, B. W., *Dairy bacteriology*, 3rd edition (Wiley, 1948).

292. Bacteriology II.

Pre-requisite subjects: Bacteriology I (291) at Division I or higher standard; and either Biochemistry I (281) or Organic Chemistry II (235).

The course consists of lectures and practical work requiring 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; bacterial genetics; immunochemistry and serology; 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*, 4th edition (Arnold).
 Clifton, C. E., *Introduction to bacterial-physiology* (McGraw-Hill, 1957).
 Luria, S. E., *General virology* (Wiley, 1953).

Reference books:

- Breed, R. S., Murray, E. G. D., and Smith, N. R., *Bergey's manual of determinative bacteriology*, 7th edition (Williams and Wilkins).
 Dubos, R. J., *The bacterial cell* (Harvard U.P.).
 Landsteiner, K., *Specificity of the serological reactions*, 2nd edition (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 U.P.).
 Werkman, C. H., and Wilson, P. W., *Bacterial physiology* (Academic Press).
 Stephenson, M., *Bacterial metabolism*, 3rd edition (Longmans).
 Knaysi, G. A., *Elements of bacterial cytology*, 2nd edition (Comstoed, New York, 1951).
 Heyningen, W. E. van, *Bacterial toxins* (Blackwell Scientific Publications, Oxford, 1950).
 Heidelberger, M., *Lectures on immunochemistry* (Academic Press, 1956).

295. Bacteriology for the Honours Degree of B.Sc.

Pre-requisite subject: Course 292 at a standard satisfactory to 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).
 Sinnott, E. W., Dunn, L. C., and Dobzhansky, Th., *Principles of genetics*, 5th edition (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. One lecture and two hours practical work a week throughout the year, dealing with general genetics.

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. One lecture and a two-hour practical class a 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).
 Stern, C., *Human genetics* (Freeman).

297. Genetics II.

Pre-requisite subject: 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* (Oliver and Boyd).
 Darlington, C. D., *Recent advances in cytology* (Churchill).
 Dobzhansky, T., *Genetics and the origin of species* (Columbia U.P.).
 Fisher, R. A., *The genetical theory of natural selection*, 2nd edition (Dover).
 Fisher, R. A., *The theory of inbreeding* (Oliver and Boyd).
 Haldane, J. B. S., *The biochemistry of genetics* (Allen and Unwin).
 Harris, H., *An introduction to human biochemical genetics* (C.U.P.).
 Kempthorne, O., *An introduction to genetic statistics* (Wiley).
 Li, C. C., *Population genetics* (Chicago U.P.).
 Mather, K., *Biometrical genetics* (Methuen).
 Neel, J. V., and Schull, W. J., *Human heredity* (Chicago U.P.).
 Race, R. R., and Sanger, R., *Blood groups in man*, 3rd edition (Blackwell).
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).
 Stebbins, G. L., *Variation and evolution in plants* (Columbia U.P.).
 Swanson, C. P., *Cytology and cytogenetics* (Prentice-Hall).
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism* (Wiley).
 White, M. J. D., *Animal cytology and evolution* (C.U.P.).

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 early as possible in order that they can be advised on suitable work and a course of reading.

 HISTOLOGY.

301. Histology (for the Ordinary Degree of B.Sc.).

Pre-requisite subjects: General Physics (221) or Physics I (233); Chemistry I (231); and either Biology (269) or any two of the following three subjects: Botany I, Zoology I, General Mathematics or 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 editions):

- Maximow, A. A., and Bloom, W., *Textbook of histology* (Saunders); or
 Ham, A. W., *Histology* (Lippincott).

Reference books:

- Abbie, A. A., *Principles of anatomy*, 3rd edition (Angus and Robertson).
 McClung, C. E., *Handbook of microscopical technique* (Hoeber).
 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).
 Clark, W. E. Le Gros, *The tissues of the body*, 4th edition (O.U.P.).
 Butler, J. A. V., *Inside the living cell* (Allen and Unwin).
 Mitchell, G. A. G., *Anatomy of the autonomic nervous system* (Livingstone).

 AGRICULTURAL SCIENCE

221. General Physics.

For syllabus see under the Faculty of Science.

231. Chemistry I.

For syllabus, see under the Faculty of Science.

261. Botany I.

For syllabus, see under the Faculty of Science.

271. Zoology I.

For syllabus, see under the Faculty of Science.

361. Agriculture I.

The course consists of one lecture and two hours practical work a week for three terms covering:

(a) The history of agriculture; agricultural resources; world population and nutritional standards; the ecology of world crop and livestock distribution; the agriculture of various regions; the history of Australian agriculture; the Australian environment, crop and livestock distribution.

(b) Climatology. The elements of world climate; climates of 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* (University of Sydney).

Reference books:

- Klages, K. H. W., *Ecological crop geography* (Macmillan).
 Hare, F. K., *The restless atmosphere* (Hutchinson).
 Miller, A. Austin, *Climatology*, 8th edition (Methuen).
 Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilisation in Australia* (M.U.P.).
 Russell, E. J., *World population and world food supplies* (Allen and Unwin).
Oxford economic atlas (O.U.P.).

235. Chemistry II.

Pre-requisite subject: Chemistry I (231).

The course comprises 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 these topics.

Text-book:

Moore, W. J., *Physical chemistry*, 2nd edition (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.

Text-book:

English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (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 these topics.

Text-books:

Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).

Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans).

Bonner, J., *Plant biochemistry* (Academic Press).

Reference books:

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).

Baldwin, E., *Dynamic aspects of biochemistry*, 3rd edition (C.U.P.).

364. Botany IIB.

This course includes (i) the same work in Plant Physiology and Plant Geography and Ecology as science students in Botany II (262) during the first and third terms; (ii) the same work as science students in Botany III (265) during the second term.

A. PLANT PHYSIOLOGY (i).—Growth; mineral nutrition; pH; water economy of plants; intake of nutrients; growth hormones; photoperiodism. The lectures in this course pre-suppose a knowledge of Chemistry I and General Physics.

Text-book:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).

B. PLANT PHYSIOLOGY (ii).—Enzymes; photosynthesis; respiration; nitrogen metabolism; translocation; fate of assimilates; metabolism under adverse conditions (wilting, mineral deficiency, insect and fungal attack, etc.).

Text-book:

Bonner, J., *Plant biochemistry* (Academic Press).

C. PLANT 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:

Daubenmire, R. F., *Plants and environment* (Wiley).

Leeper, G. W., *Introduction to soil science* (M.U.P.).

Oosting, H. J., *Plant communities* (W. H. Freeman, San Francisco).

Wood, J. G., *Vegetation of South Australia* (Government 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 (see Course 262). For text-books and reference books in Systematic Botany, see Course 262.

251. Geology I.

For syllabus, see under the Faculty of Science.

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, diagnosis and correction of common deficiencies; soil pH and plant growth; growth on saline and alkali soils; influence of soil physical conditions on plant growth; irrigation, tillage, and mulching.

(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 a week for one term.)

Reference books:

- (a) Black, J. M., *Flora of South Australia* (Government Printer, Adelaide).
 Clausen, J., *Evolution of plant species* (Cornell).
 Donald, C. M., *Pastures and pasture research* (University of Sydney).
 Hubbard, C. E., *Grasses* (Pelican).
 Leeper, G. W., *An introduction to soil science* (M.U.P.).
 Russell, E. J., *Soil conditions and plant growth* (Longmans).
 Shaw, B. T. (ed.), *Soil physical conditions and plant growth* (Academic Press).
 (b) Clifton, C. E., *Introduction to the bacteria* (McGraw-Hill).

372. Agricultural Biochemistry I.

A course of one lecture and three hours practical work a week for three terms, dealing with the structural chemistry and intermediary metabolism of viruses, micro-organisms, plants, insects and higher animals, including the following topics: uptake and utilisation of nutrients by the plant; 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.

Text-books:

- Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).
 Bonner, J., *Plant biochemistry* (Academic Press).

Reference books:

- Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (Wiley).
 Greenberg, D. M., *Chemical pathways of metabolism*, Vols. I and II (Academic Press).
 Frear, D. E. H., *Agricultural chemistry*, Vols. I and II (van Nostrand).
 Martin, H., *Scientific principles of plant protection; with special reference to chemical control* (Arnold).
 Frear, D. E. H., *Chemistry of the pesticides* (van Nostrand).
 Hill, R., and Whittingham, C. P., *Photosynthesis* (Methuen).

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 edition (Commonwealth Bureau of Plant Breeding and Genetics, Cambridge, 1955).

Goulden, C. H. *Methods of statistical analysis*, 2nd edition (Wiley, New York; Chapman and Hall, London).

Moroney, M. J., *Facts from figures*, 2nd edition (Penguin).

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.

Students will be required to make a collection of not less than 50 species of insects, to be submitted at the time of the final examination. It is recommended that the collection should be commenced in the long vacation preceding the course. Further details should be obtained from the Department of Entomology.

Text-books:

Imms, A. D., *Outlines of entomology*, 5th edition (Methuen, 1959).

Wigglesworth, V. B., *Insect physiology*, latest edition (Methuen).

Reference books:

Imms, A. D., *General text-book of entomology*, revised edition (Methuen, 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*, 3rd edition (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:

Alexopoulos, C. J., *Introductory mycology* (Wiley).

Walker, J. C., *Plant pathology* (McGraw-Hill).

Reference books:

- Bawden, F. C., *Plant viruses and virus diseases*, 3rd edition (Chronica Botanica).
 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*, 4th edition (Arnold).

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, yield and quality of economic plants.

Pastures: meristems, differentiation and leaf growth, the influence of internal and external factors on the growth of leaves.

Weeds: morphology of selected species; environment and survival organs in relation to regeneration; physiological actions of weedicides.

Fruit trees: changes during development and maturation of selected fruits; the influence of growth-regulators on fruit bud initiation and development; post-harvest physiology of fruit.

Cereals: morphology of the cereal ear; starch granule synthesis; the influence of environment on development of the ear.

No text-books are required, but selected reading will be assigned.

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.

Text-book:

- Russell, E. W., *Soil conditions and plant growth* (Longmans).

Reference books:

- Jenny, H., *Factors of soil formation* (McGraw-Hill).
 Leeper, G. W., *Introduction to soil science* (M.U.P.).
 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* (Academic Press).
 Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).
 Black, C. A., *Soil plant relationships* (Wiley).

382. Animal Husbandry I.

The course comprises the following sections:—

Animal Physiology.—A course of one lecture a week for two terms and two hours practical work for one term. An introduction to the physiology of heart and circulation; blood and spleen; respiration; the nervous system; function of the organs; endocrines; digestion. Practical work includes a dissection of the sheep and an examination of the microscopic structure of tissues and organs.

Animal Nutrition.—A course of one lecture a week for two terms dealing with nutritional balances; animal calorimetry; basal metabolism; energy requirements and the dietary systems; protein metabolism and requirements for growth and production; mineral requirements, deficiencies and excesses.

Animal Production.—A course of one lecture a week for one term which deals with practical nutrition and problems of management and production in the Australian livestock industries.

Animal Breeding.—A course of one lecture a week for one term introducing the main postulates of population genetics; mass selection; aids to selection; breeding systems; migration and breed structure.

Reference books:

- May, N., *The anatomy of the sheep* (Queensland U.P.).
 Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox).
 Ham, A. W., *Histology*, 2nd edition (Lippincott).
 Maynard, L. A., and Loosli, J. K., *Animal nutrition* (McGraw-Hill).
 Lerner, I. M., *Population genetics and animal improvement* (C.U.P.).

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, seeding, haymaking, harvesting and transport and machinery for processing of agricultural products.

The principles governing the operation of internal combustion engines, diesel engines, steam engines, boilers, electrical motors, and refrigeration.

Reference books:

- Know your tractor* (Shell).
 Culpin, C., *Farm machinery* (Crosby and Lockwood).
 Bainer, R., and others, *Farm machinery* (Wiley).
 Henderson, S. M., and Perry, R. L., *Agricultural process engineering* (Wiley).
Farm electrification handbook (Electricity Supply Association of Australia).
 Barger, E. L., et al., *Tractors and their power units* (Wiley).

156. Agricultural Economics.

For syllabus, see under the Faculty of Economics.

387. Agriculture III.

A course of two lectures and three hours' practical work each week for three terms.

Pasture Agronomy.—Introduction to agronomy; pasture ecology and types of pasture, adaptation; factors in pasture production, growth curves; species and strains of pasture plants, the ecotype, pasture species of Australia; pasture improvement, principles and practice; effect of environment, species, plant nutrition, grass-legume relationship; grazing animal, ecological relationship to pasture, treading, defoliation, nutrient return, feed quality and quantity problems.

Crop Agronomy.—The production and use of the principal food, fibre, and oil crops. Changes in productivity under various systems of farming.

Land use and development.

Reference books:

- Stapledon, R. G., and Davies, W., *Ley farming* (Faber).
 Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilisation in Australia*, 3rd edition (M.U.P.).
 Zimmerman, E. W., *World resources and industries* (Harper).
Rural Reconstruction Commission Reports (Commonwealth Government Printer, Canberra).
 Whyte, R. O., *Crop production and environment* (Faber).
 Robbins, W. W., and others, *Weed control* (McGraw-Hill).

388. Agriculture IV.

A course of nine hours a week covering:

- (a) Growth and development of pasture plants, competition among crop and pasture plants, weeds and weed control, pasture management and fodder conservation, irrigation and drainage, and experimental method in agronomic research.
- (b) Practical classes and seminars related to the above topics and further taxonomic studies of pasture plants.

- (c) A project of individual study in pasture or crop agronomy together with a study of relevant literature.

Reference books:

Schwab, G. D., *et al.*, *Elementary soil and water engineering* (Wiley, 1957).

As for Agriculture III together with any books or papers prescribed during the course.

389. Animal Husbandry II.

A course of about six hours lectures and practical work a week for three terms: The physiology of reproduction and lactation; climate physiology; growth and development; wool biology; endocrines and animal production. The principles of disease control and the main features and problems of the various livestock industries. There will be additional course work in either more advanced aspects of physiology or population genetics according to the student's interests.

A considerable amount of laboratory and animal house work is included.

Reading lists will be provided. These will include recent scientific reviews, selected papers and texts.

297. Genetics II.

For syllabus, see under the Faculty of Science.

391. Plant Breeding.

A course of nine hours a week of lectures and practical work for three terms 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 edition (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.

Reference books:

Bear, F. E., *Chemistry of the soil* (Reinhold).

Brindley, G. W., *X-ray identification and structure of clay minerals* (The Mineralogical Society).

Grim, R. E., *Clay mineralogy* (McGraw-Hill).

Marshall, C. E., *The colloid chemistry of the silicate minerals* (Academic Press).

Dallavalle, J. M., *Micromeritics* (Pitman).

Baver, L. D., *Soil physics* (Wiley).

Carman, P. C., *Flow of gases through porous media* (Butterworth).

Piper, C. S., *Soil and plant analysis* (University of Adelaide).

Jenny, H., *Factors of soil formation* (McGraw-Hill).

Mason, B. H., *Principles of geochemistry* (Wiley).

Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).

393. Agricultural Biochemistry II.

A course of nine hours lectures and practical work a week for three terms. The course includes advanced aspects of physical chemistry, organic chemistry and biochemistry relating to the soil-plant-animal interaction. The following topics are discussed: chemical techniques as applied to agricultural problems; lipoprotein structures in relation to uptake and transport of nutrients; the physical, organic and biochemistry of proteins and nucleic acids; mechanisms of enzymic catalysis; the biochemistry 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.

Text-books:

- Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).
 Moore, W. J., *Physical chemistry*, 2nd edition (Prentice-Hall).
 English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill).
 Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).

Reference books:

- Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (Wiley).
 Bonner, J., *Plant biochemistry* (Academic Press).
 Greenberg, D. M., *Chemical pathways of metabolism*, Vols. I and II (Academic Press).
 Frear, D. E. H., *Agricultural chemistry*, Vols. I and II (van Nostrand).
 Martin, H., *Scientific principles of plant protection; with special reference to chemical control* (Arnold).
 Frear, D. E. H., *Chemistry of the pesticides* (van Nostrand).
 Colowick, S. P., and Kaplan, N. O., *Methods in enzymology*, Vols. I-IV (Academic Press).
 Dixon, M., and Webb, E. C., *Enzymes* (Longmans).

394. Horticulture.

A course of about nine hours each week of lectures, practical work, demonstrations, and field trips for three terms covering:

Environmental factors affecting Horticultural crops.

The principles underlying such practices as, soil management, irrigation, frost control, crop regulation, harvest, storage, and pest control.

The physiology of growth cycles, bud development, growth and post-harvest behaviour of fruit.

Growth regulating substances, fungicides, and insecticides of importance in Horticulture.

The culture of the important Horticultural crops.

Horticultural research, extension, and legislation.

No text-books are required, but selected reading will be assigned.

The opportunity will be given for some original investigation of Horticultural problems.

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 Australia of importance, together with the study of relevant literature.

Text-books:

- Alexopoulos, C. J., *Introductory mycology* (Wiley).
 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*.
 Garret, S. D., *Biology of root infecting fungi* (C.U.P.).
 Hambidge, G., *Hunger signs in crops* (Amer. Soc. Agronomy).
 Large, E. C., *The advance of the fungi* (Alden Press).
Plant pathology: problems and progress, 1908-1958 (University of Wisconsin Press).
 Martin, H., *Scientific principles of plant protection*, 4th edition (Arnold).
 Bessey, E. A., *Morphology and taxonomy of fungi* (McGraw-Hill).

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 books and papers 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.

FACULTY OF ENGINEERING**401. Architectural Theory, Construction and Practice I.**

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

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.

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

Pre-requisite subject: Architectural Design II; Architectural Design III should be taken concurrently.

PART A: Fine arts and aesthetics: A course of lectures and a series of visits to art collections in which a study is made of the elements common to all art: the means of expression; the bases of criticism; common terminology; appreciation. As a means of training the critical faculty a study is made of past theories and their practical effects, successes and failures.

Text-books:

Halliday, F. E., *Five arts* (Duckworth).

Robertson, H. M., *Principles of architectural composition* (Architectural Press).

Robertson, H. M., *Modern architectural design* (Architectural Press).

Newton, E., *European painting and sculpture* (Penguin).

Reference books:

McMahon, A. P., *Art of enjoying art* (Whittlesey House).

Scott, G., *Architecture of humanism* (Constable).

Clark, K., *Gothic revival* (Constable).

Read, H., *The meaning of art* (Faber).

Towndrow, F. E., *Architecture in the balance* (Chatto and Windus).

Malraux, Andre, *The voices of silence* (Doubleday).

Mumford, L., *Art and technics* (O.U.P.).

PART B: History of furniture design: A course of lectures on the development and design of English furniture, 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* (O.U.P.).

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* (Marshall).

Stewart, C., *A prospect of cities* (Longmans).

Walkley, G., *Pioneer planning of British Colonies* (Proceedings of the R.G.S., S.A. Branch, Session 1954-55).

PART D: Sanitary science: A course of lectures on principles and practice of sanitation, sewerage and trade wastes, types of drain and drain laying, jointing methods, trenches and trench timbering, drain testing, cisterns and flushometers, water supply and storage, sewerage ejectors, traps, trap syphonage and protection, ventilation of drains and waste pipes, fittings and fixtures used in building, lay-out and design of sanitary plumbing installations.

PART E: Practical work: A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

403. Architectural Theory, Construction and Practice III.

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

Pre-requisite subject: Architectural Theory, Construction and Practice II.

PART A: Acoustics of buildings: General phenomena, geometrical investigation, reverberation, methods of using absorption materials, loudness and intelligibility, pitch and quality, musical sounds and partials, analysis of rooms for various purposes; transmission of sounds, noise reduction.

Text-book:

Knudsen and Harris, *Acoustical designing in architecture* (Wiley).

Reference book:

Bagenal, H., and Wood, Alex., *Planning for good acoustics* (Methuen).

PART B: Heating and ventilation: Standards of comfort, humidity, air movement, transfer of heat, coefficients, systems involved, pipe sizes, movement of air, evaporative cooling, conditioned air, duct sizes, systems involved, hot water supply, reticulation and equipment. The codes and regulations involved.

PART C: Electrical installations: General principles involved with demonstrations in the electrical laboratory; wiring systems, switchboards, equipment, illumination. Lifts, etc.: Traffic studies, capacities, types, methods of operation, safety devices, indicator systems, signalling systems. The codes and regulations involved.

PART D: Professional practice: The architect in his relation to client and to builder; the functions of the architect, consultants; office management; business relations; ethics; the R.A.I.A. code; the architect and the law; contract documents; R.A.I.A. conditions of contract; arbitration; architects' charges; dissection of services; R.A.I.A. scales of charges, competitions; R.A.I.A. control and requirements.

Reference books:

Hudson, A. A., *Law of building and engineering contracts* (Sweet and Maxwell, or Law Book Co.).

Creswell, H. B., *Honeywood file* (Architectural Press).

Creswell, H. B., *Honeywood settlement* (Architectural Press).

R.A.I.A. Year Book, *Standard documents*.

Time saver standards (Architectural Record).

Eggleston, A. S., *The practising architect* (M.U.P.).

PART E: Town planning practice: A course of lectures and some practical exercises on the practice of town and country planning. The nature and purpose of planning. Survey and analysis. Land use. Zoning. Communications. Building developments. Population densities. Floor space index. The master or broad outline plan. The detail plan. Technique of presentation.

Text-book:

Brown, A. J., and Sherrard, H. M., *Town and country planning* (M.U.P.).

PART F: Practical work: A course of lectures and more advanced exercises on office practice and preparation of drawings and specifications. Visits to buildings, complete or under construction. Estimating; examination of methods used by the quantity surveyor; architect's methods of estimating from the sketch drawings.

412. Architectural Design II.

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

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.

Reference books:

Gropius, W., *The new architecture and the Bauhaus* (Faber).

Giedion, S., *Space, time and architecture* (Harvard U.P.).

413. Architectural Design III.

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

Pre-requisite subjects: Architectural Design II (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.

Reference book:

Michaels, L., *Contemporary structure in architecture* (Reinhold).

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.

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.).

Pearson, R. G., *Timber engineering design handbook* (M.U.P.).

Standards Association of Australia:

Code for use of structural steel in building, Interim 351.

Reference books:

Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw-Hill).

Sutherland, H., and Bowman, *Structural theory* (Wiley).

Gaylord, E. H., and C. N., *Design of steel structures* (McGraw-Hill).

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 edition (Wiley).

Urquhart, L. C., O'Rourke, C. E., and Winter, G., *Design of concrete structures*, 6th edition (McGraw-Hill).

Hansen, H. J., *Modern timber design* (Wiley).

Reece, P. O., *An introduction to the design of timber structures* (Spon).

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).

Hewes, L. J., and Oglesby, C. H., *Highway engineering* (Wiley).

Rainsford, H. F., *Survey adjustments and least squares* (Constable).

Reynolds, C. E., *Concrete construction* (Concrete Publications).

Stephenson, H. W., *Solution of problems in surveying and field astronomy* (Pitman).

Moroney, M. J., *Facts from figures* (Penguin).

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 edition (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:

Prand, H. L., *Fluid dynamics* (Blackie).

Rouse, H. (ed.), *Engineering hydraulics* (Wiley).

Streeter, V., *Fluid mechanics* (McGraw-Hill).

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).

Reference books:

Seeley, F. B., and Smith, J. O., *Resistance of materials* (Wiley).

Shanley, F. R., *Strength of materials* (McGraw-Hill).

437. Surveying A.

Pre-requisite subject: A pass in Division I, or higher, in General Mathematics (201).

One lecture a week throughout the year dealing with instruments and their adjustments; linear measurements; chain surveying; compass surveying; theodolite surveying; plane table surveying; tachometrical 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 B.

Pre-requisite subject: A pass in Division I, or higher, in General Mathematics (201) and a pass in Engineering Drawing I (481).

A short course consisting of one lecture and three hours' drawing office work a week for one term, comprising elementary treatment of the principles of surveying, map interpretation, and earthwork computations, etc., required in connection with the siting of industrial plants.

Text-book:

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 A (437) before attending a survey camp.

A field camp extending over about three weeks is held each year in the long vacation. Quarters and stretchers are provided, but students must arrange for their own transportation and bedding and subscribe funds necessary for the provision and preparation of meals. Students must comply with all regulations dealing with conduct in camp.

Students must complete survey plans from data obtained at the camp, and submit such plans with field notes, etc., for inspection by a date fixed by the lecturer-in-charge. The survey plans form part of the work of the camp, and must be approved before attendance at the camp can be credited.

A candidate whose work at the camp is considered by the lecturer-in-charge not to be satisfactory may be required to do additional practical work in the first term of the following year.

Entry for the camp should be made before the end of second term.

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. 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 first term.

441. Electrical Engineering I.

Pre-requisite subjects: Engineering Physics (222), or Physical and Inorganic Chemistry IIA (234); Pure Mathematics IIA (204), Applied Mathematics I (207).

This is a course in fundamentals designed to give a suitable foundation for students intending to complete an Electrical Engineering Degree.

LECTURES: The course of 4 lectures a week throughout the year is divided into four sections, each taking approximately one-quarter of the total available time:

Electromagnetic theory: electric fields, field mapping, energy and mechanical forces, electric charges in motion and magnetic field of currents in free space, effects of iron, electromagnetic induction, energy and mechanical forces. Maxwell's equations.

Network theory: Kirchhoff's laws, methods of network solution. Free and forced solutions, A.C. circuits, polyphase systems. Theorems. Four terminal networks. Lumped networks. Selective networks. Magnetic coupling.

Energy storage and conversion: Physical aspects—operation of transformers and rotating machinery, energy balance in electromechanical energy conversion. Principles and performance of energy storage and conversion systems.

Electronic devices and circuits: Electronic circuit elements—vacuum and gas tubes, semiconductor devices and graphical and equivalent circuit methods. Amplifier principles and performance, rectifier circuits, power supplies. Feedback principles and oscillators.

TUTORIAL: One hour a week throughout the year devoted to the working and discussion of problems, and the discussion of practical and theoretical topics.

PRACTICAL: Six hours practical a week throughout the year, comprising a series of experiments and exercises designed to illustrate the subject matter of the lectures.

Reference books:

- Seely, S., *Introduction to electromagnetic fields* (McGraw-Hill).
 Fans, R. M., Lan Jen Chu, and Adler, R. B., *Electromagnetic fields, energy, forces* (Wiley).
 Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).
 Guillemin, E. A., *Introductory circuit theory* (Wiley).
 Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).
 Fitzgerald, A. E., and Kingsley, C., *Electric machinery* (McGraw-Hill).
 White, D. C., and Woodson, H. H., *Electromechanical energy conversion* (Wiley).
 Zimmermann, H. J., and Mason, S. J., *Electronic circuit theory* (Wiley).

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).

Four 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 six 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) or
 Stewart, J. L., *Circuit analysis of transmission lines* (Wiley, 1958).
 Seely, S., *Electron tube circuits* (McGraw-Hill).
 Fitzgerald, A. E., Kingsley, C., *Electric machinery* (McGraw-Hill).
 Parker-Smith, S., *Problems in electrical engineering* (Constable).
 Starr, A. T., *Generation, transmission and utilisation of electrical power* (Pitman).
 Savant, C. J., *Basic feedback control system design* (McGraw-Hill).
 Frank, E., *Electrical measurement analysis* (McGraw-Hill).
 Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

Reference books:

- Everitt, W. L., *Communication engineering* (McGraw-Hill).
 Terman, F. E., *Radio engineers' handbook* (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).
 Jaeger, J. C., *Introduction to the Laplace transformation* (Methuen).
 Harris, F. K., *Electrical measurements* (Wiley).
 Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).
 Stewart, J. L., *Circuit theory and design* (Wiley, 1956).
 Langsdorf, A. S., *Principles of D.C. machines* (McGraw-Hill).
 Lawrence, R. R., and Richards, H. E., *Principles of A.C. machinery* (McGraw-Hill).
 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*, Vols. 1 and 2 (Wiley).

Additional references will be given during the course.

443. Electrical Engineering III.

Pre-requisite subject: Electrical Engineering II (442).

Approximately 8 lectures a week throughout the year.

The course is divided as follows:

Part A.—Includes work which is basic to all branches of Electrical Engineering and is taken by all students.

Part B.—For Part B, students may select *either* Electrical Power *or* Electronics.

Following is a more detailed account of the contents of the various lecture series:

PART A

Network analysis, electrical transients, Laplace and Fourier transforms, transmission lines and filters, modulation and information studies, semiconductor devices and circuits, binary algebra, programming and structure of digital computers, analogue computers. Topics relating to the heating, cooling and dynamics of rotating machine and power system stability.

Specialist Lectures.—During the year, students are required to attend specialist lectures given by practising engineers from industry and government establishments.

PART B

Electrical Power: Synchronous and asynchronous machines, rotating machine design principles, power transmission, power system stability and the protection of power systems.

Electronics: Electronic circuits, television, propagation, electromagnetic theory and microwaves.

Reference books:

- Wagner, *Analytical transients* (Wiley).
 Lanczos, C., *Applied analysis* (Pitman).
 Black, H. S., *Modulation theory* (Van Nostrand).
 Caldwell, S., *Switching circuits and logical design* (Wiley).
 Richards, R. K., *Arithmetic operations in digital computers* (Van Nostrand).
 Richards, R. K., *Digital computer components and circuits* (Van Nostrand).
 Shea, R. F., *Principles of transistor circuits* (Wiley).
 Shea, R. F., *Transistor circuit engineering* (Wiley).
 Hurley, R. B., *Junction transistor electronics* (Wiley).
 McCracken, D. D., *Digital computer programming* (Wiley).
 Jeanel, J., *Programming for digital computers* (McGraw-Hill).
 Fitzgerald, A. C., and Kingsley, C., *Electric machinery* (McGraw-Hill).
 Kuhlmann, J. H., *Design of electrical apparatus* (Wiley).
 Mortlock, J. R., and Davies, M. W. H., *Power system analysis* (Chapman and Hall).
 Rissik, H., *Power system interconnection* (Pitman).
 Carr, T. H., *Electrical power stations* (Chapman and Hall).
 Crary, S. B., *Power system stability*, Vols. I and II (Wiley).
 M.I.T. Radar School, *Principles of radar* (McGraw-Hill).
 Ragan, G. L., *Microwave transmission circuits* (McGraw-Hill).
 Stewart, J. L., *Circuit theory and design* (Wiley).
 Storer, J. E., *Passive network synthesis* (McGraw-Hill).
 Bruel, P. V., *Sound insulation and room acoustics* (Chapman and Hall).
 Terman, F. E., *Radio engineer's handbook* (McGraw-Hill).
 Cherry, E. C., *Pulses and transients in communication circuits* (Chapman and Hall).

- Davies, O. L., *Statistical methods in research and production* (Oliver and Boyd).
 Valley, G. E., and Wallman, H., *Vacuum tube amplifiers* (McGraw-Hill).
 Johnson, C. L., *Analogue computer techniques* (McGraw-Hill).
 Truxal, J. G., *Automatic feedback control system synthesis* (McGraw-Hill).
 Vickers, Herbert, *The induction motor* (Pitman).

444. Electrical Engineering Project

Pre-requisite subject: Electrical Engineering II (442).

Seminar.—Each candidate will be required to prepare a written report on an approved topic and deliver it as a paper.

Experimental Investigation.—Each candidate will be required to submit a report on a project carried out during the year in a field in which he is particularly interested. This will involve a theoretical survey and the design, development and testing of equipment.

445. Electrical Engineering S.

Pre-requisite subjects: Engineering Physics, Pure Mathematics IIA and Applied Mathematics II.

The course consists of two lectures and one three-hour laboratory session a week throughout the year and is designed for students not intending to complete a degree in Electrical Engineering.

The lecture course comprises:

- (a) One lecture a week for two terms devoted to network theory, including complexor and symbolic notations, two and four terminal networks, network theorems and application.
- (b) One lecture a week throughout the year on machinery, including fundamental concepts of energy storage and conversion, transformer and rotating machine principles, characteristics and performance.
- (c) One lecture a week for one term on automatic control, being an introduction to simple methods of analysis, application and performance.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Tools: Screwdriver, pliers.

Reference books:

- Hirst, A. W., *Applied electricity* (Blackie).
 Cotton, H., *Electrical technology* (Pitman).
 Standards Association of Australia, *Wiring rules, Part I*.
 B.S.S. No. 205—*Glossary of terms, electrical engineering*.

451. Mechanical Engineering I.

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207), Engineering Physics (222) 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 performance of prime-movers.

Text-books:

- Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics, work and heat transfer* (Longmans).
 Lee, J. F., and Sears, F. W., *Thermodynamics* (Addison-Wesley).
 Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

Reference books:

- Grundy, R. H., *Theory and practice of heat engines* (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 kinetics, including certain aspects of kinematic chains and simple mechanisms, inversions, lower and higher pairing, centrodes, velocity and acceleration diagrams, straight-line motions, universal couplings, friction, rope and belt drives, toothed gearing, cams, computing mechanisms, synthesis, equilibrium in machines, control, balancing and vibrations.

Text-book:

Mabie, H. H., and Ocvirk, F. W., *Mechanism and dynamics of machinery* (Wiley); or
 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:

Faires, V. M., *Design of machine elements*, 3rd edition (Macmillan).
 B.S. 436: 1940, *Machine cut gears. A. Helical and straight spur.*

Reference books:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International Text Book Co.).
 Black, P., *Machine design* (McGraw-Hill).
 Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).
 Batelle Memorial Institute, *Prevention of failure of metals under repeated stress* (Wiley).
Machinery's handbook (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 I (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.

Part C—Thesis on experimental project.

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; performance of power plant.

Text-books:

- Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics, work and heat transfer* (Longmans).
 Cohen, B. H., and Rogers, G., *Gas turbine theory* (Longmans).
 Obert, E. F., *Internal combustion engines* (International Text-book)
 Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

Reference books:

- Schmidt, E., *Thermodynamics* (Oxford Clarendon Press).
 Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).
 Pye, D. R., *Internal combustion engine*, Vols. I and II (O.U.P.).
 Jennings, B. H., and Rogers, W. L., *Gas turbine analysis and practice* (McGraw-Hill).
 Stodola, A., *Steam turbines* (Van Nostrand).
 Kearton, W. J., *Steam turbine theory and practice* (Pitman).
 Bosworth, R. C. L., *Heat transfer phenomena* (Associated General Publications).
 McAdams, W. H., *Heat transmission* (McGraw-Hill).
 Sparks, N. R., and Di Ilio, C. C., *Theory of mechanical refrigeration* (McGraw-Hill).
 Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning* (Constable).

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 and Rightmire, *Engineering applications of fluid mechanics* (McGraw-Hill).
 Shepherd, D. G., *Principles of turbomachinery* (Macmillan).
 Cohen, B. H. and Rogers, G., *Gas turbine theory* (Longmans).

Reference Books:

- Nelson, W. C., *Airplane propeller principles* (Wiley).
 Ower, E., *Measurement of air flow* (Chapman and Hall).
 Goldstein, *Modern developments in fluid dynamics* (O.U.P.).
 Barna, *Fluid mechanics for engineers* (Butterworth).
 Wislicenus, *Fluid mechanics of turbo-machinery* (McGraw-Hill).
 Binder, R. C., *Advanced fluid mechanics*, Vols. 1 and 2 (Prentice-Hall).
 Prandtl, L., *The essentials of fluid dynamics* (Blackie).
 Prandtl and Tietjens, *Applied hydro and aero mechanics* (Dover).
 Bairstow, L., *Applied aerodynamics* (Longmans).
 Liepmann and Puckett, *Aerodynamics of a compressible fluid* (Wiley).
 Kovats and Desmur, *Pumps, fans and compressors* (Blackie).
 Addison, H., *Centrifugal and other rotodynamic pumps* (Chapman and 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 dynamics including advanced aspects of cams and gearing; the dynamics of engine and shaft; balancing; mechanical vibrations including measurements, isolation, damping, dynamic absorbers, vehicle springing, critical speeds; instruments, automatic control, computing machines; acoustics and noise control.

Text-books:

- As for Theory of Machines I, together with
 Den Hartog, J. P., *Mechanical vibrations* (McGraw-Hill), or
 Thomson, W. T., *Mechanical vibrations* (Allen and Unwin), or
 Freberg, C. R., and Kemler, E. N., *Elements of mechanical vibrations* (Wiley), or
 Church, A. H., *Mechanical vibrations* (Wiley).

Reference books:

- Harman, J. B., *Dynamics of machinery* (McGraw-Hill).
 Dalby, W. E., *Balancing of engines* (Arnold).
 Myklestad, N. O., *Vibration analysis* (McGraw-Hill).
 Macduff and Currei, *Vibration control* (McGraw-Hill).
 Burton, R., *Vibration and impact* (Addison-Wesley).
 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.).
 Eckman, D. P., *Automatic process control* (Wiley).
 Harris, C. M., *Handbook of noise control* (McGraw-Hill).

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*, 3rd edition (International), 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 edition, written and enlarged by W. J. Goudie (Longmans, 1932).
 Timoshenko, S., *Strength of materials*, Vols. 1 and 2 (Van Nostrand).
 Roark, R. J., *Formulae for stress and strain* (McGraw-Hill).
 Symposium, *The failure of metals by fatigue* (M.U.P.).
 Cazaud, R., *Fatigue of metals*, tr. by Fenner (Chapman and 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).
 Wilcock and Booser, *Bearing design and application* (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).

1272. Engineering Materials.

For syllabus, see under the Faculty of Technology.

461. Process Engineering I.

Pre-requisite subjects: Chemistry IA (232) and General Physics (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 31 lectures are devoted to unit operations (including mineral dressing), 18 lectures to unit processes (chemical—inorganic and organic), and 13 lectures to unit processes (metallurgical—extractive).

Reference books:

Shreve, R. N., *Chemical process industries*, 2nd edition (McGraw-Hill, 1956).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Pryor, E. J., *An introduction to mineral dressing* (Mining Publications Ltd., 1955).

Riegel, E. R., *Chemical machinery* (Reinhold, 1944).

Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press, 1954).

Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vol. 1 (McGraw-Hill, 1945).

Brown, G. G., *Unit operations* (Wiley, 1950).

461A. Extractive Metallurgy (Mining).

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

A course for Mining Engineering candidates only, consisting of about 13 lectures from the section of Process Engineering I (461) which deals with unit processes (metallurgical-extractive).

462A. Process Engineering IIA: Unit Operations I.

Pre-requisite subjects: Applied Physical Chemistry (468) and Process Engineering 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* (Wiley, 1950).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Reference books:

Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1956).

462B. Process Engineering IIB: Unit Processes I.

Pre-requisite subjects: As for 462A.

Lectures: Two hours a week throughout the year, devoted to the application of reaction kinetics, phase and reaction equilibria to chemical and metallurgical unit processes.

Practical work: Three hours a week throughout the year of quantitative laboratory work (bench scale) designed to illustrate the principles of chemical and metallurgical processes.

Reference books:

- Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).
 Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).
 Hopkins, D. W., *Physical chemistry and metal extraction* (Garnet Miller, 1954).
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).
 Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).
 Bray, J. L., *Non-ferrous production metallurgy* (Wiley, 1941).
 Bray, J. L., *Ferrous production metallurgy* (Wiley, 1942).
 Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vols. I and II (McGraw-Hill, 1945).
 Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I, II and III (Wiley).
 van Arsdale, G. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).
 Butts, A., *Metallurgical problems* (McGraw-Hill, 1943).
 Schuhmann, R., *Metallurgical engineering*, Vol. I (Addison-Wesley, 1952).
 Mantell, C. L., *Industrial electrochemistry* (Wiley, 1940).
 Darken, L. S., and Gurry, W. G., *Physical chemistry of metals* (McGraw-Hill, 1953).
 Kubaschewski, O., and Evans, E. Ll., *Metallurgical thermochemistry* (Pergamon Press, 1955).
 Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).

462C. Process Engineering IIC: Industrial Economics I.

Pre-requisite subject: Process Engineering I (461).

Lectures: One hour a week for two terms dealing with the presentation of technical results and literature searches, elementary business principles, and an introduction to industrial economics.

Reference books:

- Rhodes, F. H., *Technical report writing* (McGraw-Hill, 1941).
 Graves, R., and Hodge, A., *The reader over your shoulder* (Cape, 1943).
 Campbell, W., *Business practice and principles*, Part I, 2nd edition (Pitman).
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).
 Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).

463A. Process Engineering IIIA: Unit Operations II.

Pre-requisite subject: Process Engineering IIA (462A).

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* (Wiley, 1950).
 McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).
 Coulson, J. M., and Richardson, J. T., *Chemical engineering*, Vols. I and II (Pergamon Press, 1954).

Reference books:

- Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).
 McAdams, W. H., *Heat transmission*, 3rd edition (McGraw-Hill).
 Robinson, C. S., and Gilliland, E. R., *Elements of fractional distillation*, 4th edition (McGraw-Hill).
 Treybal, R. E., *Liquid extraction* (McGraw-Hill, 1951).

- Sherwood, T. K., and Pigford, R. L., *Absorption and extraction* (McGraw-Hill, 1952).
 Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1956).
 Larian, M. G., *Fundamentals of chemical engineering operations* (Prentice-Hall, 1959).

463B. Process Engineering IIB: Unit Processes II.

Pre-requisite subjects: Process Engineering IIB: Unit Processes I (462B) and Applied Physical Chemistry (468).

Lectures: One hour a week throughout the year dealing with the quantitative analysis and design of selected chemical and metallurgical processes in which plant performance is studied on the basis of fundamental physico-chemical principles.

Practical work: Three hours a week, the major part of the course being devoted to a project.

Text-books:

- Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).
 Hopkins, D. W., *Physical chemistry and metal extraction* (Garner Miller, 1954).

Reference books:

As for 462B.

463C. Process Engineering IIC: Industrial Economics II.

Pre-requisite subject: Process Engineering I (461).

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 edition (McGraw-Hill).
 Vilbrandt, F. C., *Chemical engineering plant design*, 2nd edition (McGraw-Hill).
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).
 Clarke, L., *Manual for process engineering calculations* (McGraw-Hill, 1947).
 Tiffin, J., *Industrial psychology* (Prentice-Hall, 1947).
 Bichowsky, *Industrial research* (Chem. Pub. Co., 1942).
 Fed. British Industries, *Industry and research*, Conference (Pitman, 1946).
 Walker, H. N., *Australian patents* (Law Book Co., 1949).
 Yoder, Dale, *Personnel management and industrial relations* (Prentice-Hall, 1944).
 Furnas, C. C., *Research in industry* (Van Nostrand, 1948).
 Lester, B., *Sales engineering* (Wiley, 1944).
 Bethel, Atwater, Smith and Stackman, *Industrial organisation and management* (McGraw-Hill, 1950).
 Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).
 Laird, D. A., and E. C., *The technique of handling people* (McGraw-Hill, 1954).
 Perry, John, *Human relations in small industry* (McGraw-Hill, 1954).
 Jordan, D. G., *Chemical pilot plant practice* (Inter Science, 1955).
 Happel, J., *Chemical process economics* (Wiley, 1958).
 Woodson, W. E., *Human engineering guide for equipment designers* (California U.P., 1957).
 Rase, H. F., and Barrow, M. H., *Project engineering of process plants* (Wiley, 1957).

463D. Process Engineering IIID: Plant Design.

Pre-requisite subjects: Process Engineering IIA (462A) and IIB (462B), and Engineering Drawing II (482).

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:

- Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).
 Rase, H. F., and Barrow, M. H., *Project engineering of process plants* (Wiley, 1957).
 Vilbrandt, F. C., *Chemical engineering plant design*, 3rd edition (McGraw-Hill).
 Rhodes, F. H., *Technical report writing* (McGraw-Hill, 1941).
 Sypherd, W. O., Fountain, A. M., and Brown, S., *The engineer's manual of English* (Scott, Foreman, 1943).
 Kern, D. Q., *Process heat transfer* (McGraw-Hill, 1950).
 Clarke, L., *Manual for process engineering calculations* (McGraw-Hill, 1947).

464. Process Control.

Pre-requisite subjects: Physical and Inorganic Chemistry IIA (234); Engineering Physics (222), or Physics I (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* (Wiley, 1945).
 Ceaglske, N. H., *Automatic process control for chemical engineers* (Wiley, 1956).

Reference books:

- Eckman, D. P., *Industrial instrumentation* (Wiley, 1950).
 Eckman, D. P., *Automatic process control* (Wiley, 1958).
 Farrington, G. H., *Fundamentals of automatic control* (Wiley, 1951).
 Young, A. J., *An introduction to automatic process control system design* (Longmans, 1956).

466. Mineral Dressing.

Pre-requisite subjects: Geology I (251), Applied Physical Chemistry (468), and Process Engineering I (461).

Lectures: Two hours a week for three terms dealing with the theory of comminution, crushing, grinding; screening, classification; gravity and electrical concentration, flotation; dewatering; storage, transport and other auxiliary operations; mill design and control.

Practical Work: Three hours a week for two terms of bench and pilot scale experiments designed to illustrate the principles of mineral dressing.

Seminar: About two hours a week for one term of flowsheet studies. Characteristic flowsheet patterns for common ore types are considered and line flowsheets developed for the treatment of specific ores. The work is concerned mainly with correct technological sequence, but the preliminary phases of machine selection and size estimation are considered.

Text-book:

Taggart, A. F., *Elements of ore dressing* (Wiley, 1951).

Reference books:

- Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).
 Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).
 Sutherland, K. L., and Wark, I. W., *Principles of flotation* (Australasian Institute of Mining and Metallurgy, 1955).
 Michell, F. B., *The practice of mineral dressing* (Electrical Press, 1950).

467. Ore Dressing.

Pre-requisite subjects: Chemistry IA (232), General Physics (221), and Geology I (251).

Lectures: An introductory course consisting of one lecture a week throughout the year in applied mineral dressing dealing with the elements of crushing; grinding; industrial sizing and sorting; physical separation—gravity and electrical; froth flotation; dewatering; transport and control.

Practical Work: Three hours a week for one term of laboratory experiments embracing the principal operations of ore dressing.

Text-book:

Pryor, E. J., *An introduction to mineral dressing* (Mining Publication Ltd., 1955).

Reference books:

- Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).
 Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).

468. 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* (C.U.P., 1955).

Reference books:

- Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I-III (Wiley).
 Glasstone, S., *Textbook of physical chemistry*, 2nd edition (Macmillan, 1947).
 Garner, W. E., *Chemistry of the solid state* (Butterworth).
 Cottrell, A., *Theoretical structural metallurgy* (Arnold).
 Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).
 Laidler, K. J., *Chemical kinetics* (McGraw-Hill).

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.

Students from the faculty of science will be allowed to take this subject if they fulfil the following conditions: (a) They are approved candidates for the Honours Degree of B.Sc. in Geology (258); (b) the Professor concerned has included Mining Engineering I in their proposed course of study.

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, stopping methods, elementary coal mining, and tunnelling.

- (a) Preliminary reading:
 Hoover, H. C., *The memoirs of Herbert Hoover, 1874-1920. Years of adventure* (Macmillan).
 Lovering, T. S., *Minerals in world affairs* (Prentice-Hall).
 Morrell, W. P., *The gold rushes* (A. and C. Black).
 Farwell, G. M., *Down Argent street* (Johnson, Sydney).
- (b) Text-books:
 Lewis, R. S., *Elements of mining* (Wiley).
 Young, G. T., *Elements of mining* (McGraw-Hill).
 Higham, S., *An introduction to metalliferous mining* (Griffin).
- (c) Reference books:
- (i) Statistics.
 Brookes, B. C., and Dick, W. F. L., *Introduction to statistical method* (Heinemann).
 Peatman, J. G., *Descriptive and sampling statistics* (Harper).
- (ii) Drilling.
 Cumming, J. D., *Diamond drill handbook* (Smith).
 Brantly, J. E., *Rotary drilling handbook* (Palmer Publications).
- (iii) Geophysics.
 Jakosky, J. J., *Exploration geophysics* (Times Mirror).
 Nettleton, L. L., *Geophysical prospecting for oil* (McGraw-Hill).
 Heiland, C. A., *Geophysical exploration* (Prentice-Hall).
- (iv) Economics.
 Truscott, S. J., *Mine economics* (Mining Publications Ltd.).
- (v) Explosives.
 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 and McKeown, *Coal mining in Australia* (Tait Publishing Co.).
 Statham, I. C. F., *Coalmining* (English U.P.).
 Whitaker, J. W., and Willet, H. L., *Colliery explosion and recovery work* (Pitman).
- (viii) Tunnelling.
 Richardson, H. W., and Mayo, R. S., *Practical tunnel driving* (McGraw-Hill).
 Hewett, B. H. M., and Johannesson, S., *Shield and compressed air tunnelling* (McGraw-Hill).
- (ix) Alluvial Mining.
 Harrison, H. L. M., *Examination, boring and valuation of alluvial deposits* (Mining Publications Ltd.).
 Griffith, S. V., *Alluvial prospecting and mining* (Mining Publications Ltd.).

472. Mining Engineering II.

Pre-requisite subjects: Mining Engineering I (471), Strength of Materials (436), Hydraulics (434), Surveying I (437).

Lectures: Three hours a week throughout the year, dealing with underground transport, hoisting, drainage and pumping, mine ventilation, rock pressure and subsidence, mining economics, mining law, mine surveying and advanced treatment of mining methods.

Practical Work: Twelve hours a week throughout the year, comprising practical survey work and design work relating to mining operations and mine plant.

At the end of the academic year each student must submit a satisfactory paper on an approved subject.

Preliminary reading:

- Jenkin, A. K. H., *The Cornish miner* (Allen and Unwin).
 Rickard, T. A., *Man and metals*, Vols. I and II (McGraw-Hill).
 Rickard, T. A., *Technical writing* (Wiley) or (A.I.M.E. Series).
 Spalding, J., *Deep Mining* (Mining Publications Ltd.).
 Voskuil, W. H., *Minerals in world industry* (McGraw-Hill).
 Hoover, H. C., *Principles of mining* (McGraw-Hill).
 Steidle, E., *Mineral industries education* (State College, Pennsylvania).

Text-books:

- Peele, R., *Mining engineers' handbook*, 3rd edition, Vols. I and II (Wiley).
 Baxter, C. H., and Parks, R. D., *Examination and valuation of a mineral property* (Addison Wesley).
 Staley, W., *Mine plant design* (McGraw-Hill).
 Standards Assn. of Australia, *Steel wire rope for winding and haulage purposes in mines* (As. No. M/4—1955).

Reference books:

(i) Statistics.

- Lambe, C. G., *Elements of statistics* (Longmans).
 Walker, M. W., and Lev, J., *Statistical inference* (Constable or Holt).

(ii) Hoisting.

- Wire ropes in mines* (Institution of Mining and Metallurgy).
 Broughton, H. H., *Electric winders* (Spon).

(iii) Mine ventilation.

- Penman, D. and J. S., *Principles and practice of mine ventilation* (Griffin).
 Weeks, W. S., *Ventilation of mines* (McGraw-Hill).
 Rees, J. P., *Ventilation calculations* (Transvaal Chamber of Mines).
Quality of mine air (Transvaal Chamber of Mines).

(iv) Economics.

- Hoover, T. J., *The economics of mining* (Stanford U.P. and O.U.P.).
 Chambers, R. J., *Financial management* (Law Book Co.).
 Tovey, P., *Balance sheets* (Pitman).
 Willcox, F., *Mine accounting and financial administration* (Pitman).
 Court, H. P., *Budgetary control* (Sweet and Maxwell).
 Dobb, M., *Wages* (Nisbet and C.U.P.).

(v) Mining law.

- Mining Acts*. N.S.W., W.A., Tas., Queensland, Vic. and S.A.

(vi) Safety health.

- Drinker, P., and Hatch, T., *Industrial dust* (McGraw-Hill).
 Gill, G. H., *Dust, its effects on the respiratory system* (Lewis).
Silicosis, pneumoconiosis and dust suppression in mines (Institution of Mining Engineers and Institution of Mining and Metallurgy, 1947).
Safety Code (Transvaal Chamber of Mines).

McAdam, R., and Davidson, D., *Mine rescue work* (Oliver and Boyd).

(vii) Oil.

- Uren, L. C., *Petroleum production engineering* (McGraw-Hill).
 Vol. I., *Oil field exploitation*.
 Vol. II, *Development*.
 Vol. III, *Economics*.
 Pirson, S. J., *Elements of oil reservoir engineering* (McGraw-Hill).

(viii) Mining practice.

Jeppe, C. B., *Gold mining on the Witwatersrand* (Transvaal Chamber of Mines).

Symposium on shafts and shaft sinking (Chemical Metallurgical and Mining Society of South Africa, Johannesburg).

Mitke, C. A., *Mining methods* (McGraw-Hill).

Tillson, B. F., *Mine plant* (A.I.M.E.).

Fish, C. L., *The engineering method* (Stanford U.P.).

(ix) Mine surveying.

Metcalfe, J. E., *Mining engineers' survey manual* (Electrical Press).

Winiberg, F., *Metalliferous mine surveying* (Mining Publications Ltd.).

Winiberg, F., *Surveying calculations* (Mining Publications Ltd.).

Staley, W., *Introduction to mine surveying* (Stanford U.P.).

Haddock, M., *Deep borehole surveys and problems* (McGraw-Hill).

Haddock, M., *The basis of mine surveying* (Chapman and Hall).

(x) General.

Nelson, J. R., *Writing the technical report* (McGraw-Hill).

Students should provide themselves with seven-figure logarithmic tables, such as Chambers' *Mathematical tables*.

476. Mining, Metallurgical and Chemical Engineering Trip.

During the May or August vacation students 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. The visits are supervised by a member of the staff.

481. Graphics.

The course consists of one lecture and three hours drawing office work a week throughout the year.

The course covers the following topics: the use of drawing instruments, layout, geometric constructions; the presentation of information on charts, diagrams, nomograms; curve fitting; the slide rule; graphical integration, differentiation, reciprocation. Descriptive geometry, quantitative representation of lines, points, planes and solids and their relations in space. Engineering, dimetric, trimetric, isometric, perspective projections; the function of the drawing as a means of conveying information; sketching.

Text-book:

Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).

Reference books:

Arnold, J. N., *Introductory graphics* (McGraw-Hill).

Slaby, S. M., *Descriptive geometry* (Barnes and Noble).

482. Engineering Drawing and Design.

Pre-requisite subjects: Engineering Drawing I (481) and General Mathematics (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:

Faires, V. M., *Design and machine elements*, 3rd edition (Macmillan).

B.S.S. 308, *Engineering drawing practice*.

Reference books:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International).

Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw-Hill).

Black, P. H., *Machine design* (McGraw-Hill).

Norman, C. A., Ault, E. S., and Zarobsky, I. F., *Fundamentals of machine design* (Macmillan).

Rollason, E. C., *Metallurgy for engineers* (McGraw-Hill).

Handbooks and codes:

Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).

Kent, W., *Mechanical engineers' handbook*, Vol. I (Wiley).

Mechanical world yearbook.

British standard specifications (B.S.I.).

Australian standard specifications (S.A.A.).

Workshop Practice

For syllabus see Workshop Practice I (1214) under the Faculty of Technology.

485. Production Technology.

Pre-requisite subjects: Graphics, Workshop Practice, and Engineering Materials. Strength of Materials must have been passed or be taken concurrently.

The course consists of one lecture and three hours practical work a week throughout the year.

The course covers the following topics: An examination of the physical, chemical and metallurgical principles underlying the methods used for transforming raw material into manufactured parts; the flow and solidification of liquid metals; the theory of metal cutting and grinding, cutting fluids; the principles of fusion joining, thermal and residual stresses, distortion; production methods, jigs and fixtures, metrology and inspection.

Text-book:

Baker, H. Wright, *Modern workshop technology*, Vols. I and II (Cleaver-Hume).

Reference books:

Boltz, R. W., *Production processes: their influence on design*, Vols. I and II (Penton).

Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

Colvin, F. H., and Stanley, F. A., *Gear cutting practice* (McGraw-Hill).

Kent, *Mechanical engineers' handbook: design and production* (Wiley).

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.

A series of lectures on the broad scope of Engineering including its historical background and sociological implications.

Students are given an opportunity during the course of inspecting the facilities and learning something of the research objectives of the Engineering Departments of the University.

493. Industrial Engineering.

Two lectures a week throughout the year dealing with: 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. 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.
501. Elements of Law.

- (a) The forms of law, written and unwritten (common law, equity, statutes, custom).
- (b) The system of precedent.
- (e) Principles of legal interpretation.
- (d) Outline of the constitution and jurisdiction of the courts.

Text-books:

- Phillips, O. H., *A first book of English law*, 3rd edition (Sweet and Maxwell).
- Williams, G. L., *Learning the law*, 6th edition with Australian supplement (Stevens).
- Archer, *The Queen's courts* (Pelican).

Reference books (available in the Library):

- Kiralfy, A. K., *The English legal system*.
- Baalman, J., *Outline of law in Australia*, 2nd edition (Law Book Co.).
- Allen, C. K., *Law in the making*, 6th edition (O.U.P.).
- Hanbury, H. G., *English courts of law*, 2nd edition (O.U.P.).
- Beal, E., *Cardinal rules of legal interpretation*, 3rd edition (Stevens).
- Plucknett, T. F. T., *Concise history of the common law*, 5th edition (Butterworth).
- Potter, H., *Historical introduction to English law*, 4th edition (Sweet and Maxwell).
- Holdsworth, W. S., *History of English law*, Vol. 1, 7th edition (Methuen).
- Allen, C. K., *The Queen's peace* (Stevens).
- Windeyer, *Lectures on legal history*, 3rd edition (Law Book Co.).
- Scott, W. S., *Craies on statute law*, 4th edition (Sweet and Maxwell).

Note: Before the commencement of lectures, students should read:

- Williams, G. L., *Learning the law*, 6th edition with Australian supplement (Stevens).
- O'Sullivan, R., *The inheritance of the common law* (Stevens).
- Archer, *The Queen's courts* (Pelican).

502. Constitutional Law I.

- (a) British constitutional law.
- (b) The constitution of South Australia.
- (c) The development of responsible government and inter-Commonwealth relations.
- (d) Introduction to Federal constitutional law.

Text-books:

- Phillips, O. H., *The constitutional law of Great Britain and the Commonwealth*, 2nd edition (Sweet and Maxwell).
- Phillips, O. H., *Leading cases in constitutional law*, 2nd edition (Sweet and Maxwell).

Reference books:

- Dicey, A. V., *Introduction to the study of the law of the constitution* (9th edition) (Macmillan).
 Keir, D. L., and Lawson, F. H., *Cases in constitutional law*, 4th edition (O.U.P.).
 Evatt, H. V., *The King and his dominion governors* (O.U.P.).
 Taswell-Langmead, T. P., *English constitutional history*, 10th edition (Sweet and Maxwell).
 Schwartz, B., *American constitutional law* (C.U.P.).
 Quick and Garran, *Annotated constitution of the Australian Commonwealth*.
 Wade, E. C. S., and Phillips, G. G., *Constitutional law*, 5th edition (Longmans).
 Jennings, W. I., *Law and the constitution*, 4th edition (London U.P.).

503. Criminal Law and Procedure.

A general introduction to the criminal law.

Text-books:

- Kenny, C. S., *Outlines of criminal law*, 17th edition, Books I and II (C.U.P.); or
 Cross, R., and Jones, P. A., *An introduction to criminal law*, 4th edition, Parts I and II (Butterworth).

Reference books:

- Glanville Williams, *Criminal law* (Stevens).
 Barry, Paton, and Sawyer, *An introduction to the criminal law in Australia* (Macmillan).
 Russell, W. O., *Treatise on felonies and misdemeanours*, 11th edition. (Stevens).
 Stephen, J. F., *Digest of the criminal law*, 9th edition (Sweet and Maxwell).
 Stephen, J. F., *History of the criminal law of England* (Macmillan).
 Royal Commission on Capital Punishment, *Report, 1949-1953*, Comd. 8932 (H.M.S.O.).
 Hall, J., *Principles of criminal law* (Bobbs-Merrill).

Note: Students should purchase a copy of *Criminal Law Consolidation Act, 1935-52*. This will be referred to in classes throughout the year and may be taken into the examination room.

504. The Law of Contract.

- (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*, 4th edition (Butterworth).

Reference books:

- Chitty, *Contracts* (Sweet and Maxwell).
 Williston, *A treatise on the law of contracts*, revised edition (Baker, Voorhis).
The restatement of contract (American Law Institute).
Corbin on contracts (West Publishing Co.).

505. The Law of Torts.

- (a) General principles of the law of torts.
 (b) Specific torts.
 (c) Statutes and reports of cases specifically prescribed in lectures.

Text-books:

- Fleming, J. G., *The law of torts in Australia* (Law Book Co.); or
 Street, H., *The law of torts* (Butterworth); or
 Salmund, J. W., *Law of torts* (ed. Heuston), 12th edition (Sweet and Maxwell).

Reference books:

- Winfield, P. H., *Text-book of the law of torts*, 6th edition (Sweet and Maxwell).
 Pollock, F., *Law of torts*, 15th edition (Stevens).
 Clerk, J. F., and Lindsell, W. H. B., *Law of torts*, 11th edition (Sweet and Maxwell).
 Williams, G. L., *Joint torts and contributory negligence* (Stevens).
 Wright, C. A., *Cases on the law of torts*, 2nd edition (Butterworth).
 Prosser, W. L., *Handbook of the law of torts*, 2nd edition (Western Publishing Co., 1955).
 Morison, W. L., *Cases on torts* (Law Book Co.).
 Smith, Y. B., and Prosser, W. L., *Cases and materials on torts* (The Foundation Press Inc.).

Note: Students should purchase a copy of the *Wrongs Act*, 1936-1951. This will be referred to in classes and may be taken into the examination room.

506. The Law of Property.

- (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.

Text-books:

- Megarry, R. E., *A manual of the law of real property*, 2nd edition (Stevens, 1949); *or*
 Hargreaves, A. R., *Introduction to the principles of land law*, 3rd edition (Sweet and Maxwell, 1952).

Reference books:

- Cheshire, G. C., *Modern law of real property*, 8th edition (Butterworth).
 Williams, J., *Principles of the law of personal property*, 18th edition (Sweet and Maxwell).
 Megarry, R. E., and Wade, H. W. R., *The law of real property* (Stevens, 1957).
 Kerr, D., *Australian land titles (Torrens) system* (Law Book Co.).
 Baalman, J., *Torrens system in N.S.W.* (Law Book Co.).
 Jessup, G. A., *Forms and practice of lands titles office of S.A.*, 3rd edition (Law Book Co.).
 Goodeve, L. A., *Modern law on personal property*, 9th edition, by R. H. Kersley.
 Morris and Leach, *The rule against perpetuities* (Stevens).
 Harrison, W., *Cases on land law* (Law Book Co.).

507. Constitutional Law II.

Pre-requisite subject: Constitutional Law I (502).

- (a) The constitution of the Australian Commonwealth.
 (b) English and Australian administrative law.

Text-book:

- Sawer, G., *Cases on the constitution of the Commonwealth of Australia*, 2nd edition (Law Book Co.).

Reference books:

- Knowles, G. S., *Commonwealth of Australia constitution act* (Canberra).
 Phillips, O. Hood, *The constitutional law of Great Britain and the Commonwealth*, 2nd edition (Sweet and Maxwell).
 Wynes, W. A., *Legislative and executive powers in Australia*, 2nd edition (Law Book Co.).
 Nicholas, H. S., *Australian constitution* (Law Book Co.).
 Elise-Mitchell, R., *Essays on the Australian constitution* (Law Book Co.).
 Allen, C. K., *Law and orders*, 2nd edition (Stevens).

- Robson, W. A., *Justice and administrative law* (Stevens).
 Friedmann, W., *Principles of Australian administrative law* (M.U.P.).
 Griffith, J. A. G., and Street, H., *Principles of administrative law*, 2nd edition (Pitman).

Note: Students should purchase a Government Printer's copy of the *Australian Constitution*, which will be referred to in classes throughout the year and may be taken into the examination room.

508. Jurisprudence.

Pre-requisite subjects: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507); and Latin at the Leaving Examination.

- (a) The philosophy of law.
 (b) Historical and analytical jurisprudence.

Text-books:

- Paton, G., *A text-book of jurisprudence*, 2nd edition (O.U.P.).
 Hall, J., *Readings in jurisprudence* (Bobbs-Merrill, 1938).

Reference books:

- Allen, C. K., *Law in the making*, 6th edition (O.U.P., 1951).
 Cardozo, *The nature of the judicial process* (Y.U.P., 1948).
 d'Entrèves, *Natural law* (Hutchinson's U.L., 1951).
 Diamond, *The evolution of law and order* (Watts, 1951).
 Friedmann, *Legal theory*, 3rd edition (Stevens, 1953).
 Jones, J. W., *Historical introduction to the theory of law* (O.U.P., 1940).
 Salmond, *Jurisprudence*, 11th edition (Sweet and Maxwell, 1947).
 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.

509. Roman Law.

Pre-requisite subjects: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507); and Latin at the Leaving Examination.

A course of lectures extending over two terms covering a general outline of Roman private law.

Students will be expected to compare Roman law with South Australian law on relevant topics.

Text-books:

- Lee, R. W., *The elements of Roman law*, 4th edition (Sweet and Maxwell).
 Sohm, R., *Institutes of Roman law*, 5th edition (O.U.P.).

Reference books:

- de Zulueta (ed.), *Gaius*, Vols. I and II (O.U.P.).
 Moyle (ed.), *Justinian's Institutes* (O.U.P.).
 Buckland, *A text-book of Roman law* (C.U.P.).
 Hunter, W. A., *Roman law* (Sweet and Maxwell).
 Jolowicz, *Historical introduction to the study of Roman law*, 2nd edition (C.U.P.).
 Buckland and McNair, *Roman law and common law*, 2nd edition (C.U.P.).
 Schulz, F., *Classical Roman law* (O.U.P.).

510. International Law.

Pre-requisite subjects: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507).

Text-books:

- Lauterpacht, H., *Oppenheim's international law*, 7th edition, Vol. I.
 Green, L. C., *International law through the cases*. (Stevens) (2nd edition
 in prep. Blackwells, 58/59.)
 Brierly, *The law of nations*, 5th edition (1953).

Reference books:

- Lauterpacht, H., *Recognition in international law* (O.U.P.).
 O'Connell, D. P., *The law of state succession* (C.U.P.).
 Colombos, C. J., *International law of the sea*, 4th edition (Longmans).
 McNair, A., *The law of treaties* (O.U.P.).

511. Legal History.

Pre-requisite subjects: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507).

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 will be expected to revise the general material on legal history which they will have studied in their first year. The lecture subjects for the year 1960 will be:—

- (a) The origins and growth of torts (including trespass and case).
- (b) The history of contract (including consideration and unjust enrichment).
- (c) The 18th century developments, e.g. Lord Mansfield; The growth of equity.
- (d) Criminal law procedure since 1800.
- (e) Law and social change since 1800.

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 works:

- Fifoot, C. H. S., *History and sources of the common law* (Stevens).
 Radcliffe, G. R. Y., and Cross, G., *English legal system*, 3rd edition (Butterworth).

Delany, V. (ed.), *The Maitland reader* (Oceana, 1957).

Reference books:

- Holdsworth, W. S., *A history of English law*, especially Vols. III, IV, VII and VIII (Methuen).
 Plucknett, T. F. T., *Concise history of the common law*, 5th edition (Butterworth).
 Ames, J. B., *Lectures on legal history* (Harvard U.P.).
 Pollock, F., and Maitland, F. W., *History of English law*, Vols. I and II (C.U.P.).
 Holmes, O. W., *The common law* (Little, Brown).
 Maitland, F. W., *Collected papers* (C.U.P.).
 Maitland, F. W., *The forms of action at common law* (C.U.P.).
 Kiralfy, A. K., *The action on the case* (Sweet and Maxwell).
 Potter, H., *Historical introduction to English law*, 4th edition (Sweet and Maxwell).
 Association of American Law Schools, *Select essays in Anglo-American legal history*, Vols. I-III (Little, Brown).
 Sutton, *Personal actions at common law* (Butterworth).
 Dicey, A. V., *Law and public opinion in England*, 5th edition (Macmillan).

512. Equity.

Pre-requisite subject: The Law of Property (506).

- (a) Such of the following special subjects as may be chosen by the lecturer:
 - (1) The principles of equity and equitable estates and interests;
 - (2) Trusts;
 - (3) Mortgages;
 - (4) Administration of deceased persons' estates;
 - (5) Terms of years;
 - (6) 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 edition (Sweet and Maxwell).
 Nathan, J. A., *Equity through the cases*, 3rd edition (Stevens).
 Other books on particular subjects suggested in lectures.

Reference books:

- Ford, H. A. J., *Cases on trusts* (Law Book Co.).
 McDougall, A., *Modern conveyancing* (Pitman).

513. Mercantile Law I.

Pre-requisite subject: The Law of Contract (504).

- (a) General principles of mercantile law;
 (b) more specific treatment of laws relating to sale of goods, hire-purchase agreements, bills of sale, bailment, guarantees and indemnities, negotiable instruments with particular emphasis on cheques and agency;
 (c) introduction to partnership, company and bankruptcy laws;
 (d) statutes and reports of legal decisions prescribed during the lectures and, particularly, the following statutes, which students should acquire before lectures commence and which may be taken into the examination in this subject:

Commonwealth: *Bills of Exchange Act*, 1909-1936.

South Australian: *Sale of Goods Act*, 1895-1952.

Hire-Purchase Agreements Act, 1931.

Bills of Sale Act, 1886-1935, and

Bills of Sale Act Amendment Act, 1940.

Mercantile Law Act, 1936.

Land Agents Act, 1955.

No general text-book is prescribed.

Reference books:

- Schmitthoff, C. M., *Sale of goods* (Stevens, 1951).
 Chalmers, M. D., *Sale of goods*, 13th edition (Butterworth).
 Riley, B. B., *Bills of exchange in Australia* (Law Book Co., 1953).
 Paton, G. W., *Bailment in the common law* (Stevens, 1952).
 Joske, P. E., and Lloyd, A. S., *Remuneration of commission agents in Australia*, 3rd edition (Law Book Co.).
 Coppel, E. G., *Bills of sale* (Law Book Co., 1935).
 Charlesworth, J., *Principles of company law*, 6th edition (Stevens).
 Lewis, *Australian bankruptcy law*, 4th edition (Law Book Co.).
 Pollock, *Law of partnership*, 15th edition (Stevens).
 Joske, P. E., *Law of partnership in Australia and New Zealand* (Butterworth, 1957).
 Chalmers, M. D., *Bills of exchange*, 12th edition (Stevens).
 Dean, A., *Law relating to hire-purchase in Australia*, 2nd edition (Law Book Co.).
 Rowlatt, S. A. T., *The law of principle and surety*, 3rd edition (Sweet and Maxwell).
 Hanbury, H. G., *Principles of agency* (Stevens, 1952).

514. Private International Law.

Pre-requisite subjects: The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Equity (512); Mercantile Law I (513).

- (a) General principles of private international law.
 (b) Application of private international law between the different States of Australia.
 (e) Statutes and reports of cases prescribed in lectures.

Reference books:

- Dacey, *Conflict of laws*, 7th edition (Stevens).
 Graveson, R. H., *The conflict of laws*, 3rd edition (Sweet and Maxwell).
 Cheshire, G. C., *Private international law*, 5th edition (Clarendon Press).
 Cook, W. W., *Logical and legal bases of the conflict of laws* (Harvard U.P., 1949).
 Lorenzen, E. G., *Selected articles on the conflicts of laws* (Yale U.P., 1947).
 Falconbridge, J. D., *Essays on the conflict of laws*, 2nd edition (Canada Law Book Co.).
Restatement of the law—volume on conflict of laws (American Law Institute, 1934).

Morris, J. H. C., *Cases on private international law*, 2nd edition (Clarendon Press).
 Graveson, R. H., *Cases on conflict of laws* (Stevens, 1949).
 Cowen, Z., *American-Australian private international law* (Oceana, 1957).

515. Family Law.

Pre-requisite subjects: The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Equity (512); Mercantile Law I (513).

Details of this course and a reading list are available at the Law School.

516. Mercantile Law II.

Pre-requisite subjects: Equity (512); Mercantile Law I (513).
 This course will not be offered until 1961.

517. Administrative, Local Government and Industrial Law.

Pre-requisite subjects: Equity (512); Mercantile Law I (513).
 This course will not be offered until 1961.

518. The Law of Evidence and Procedure.

Pre-requisite subjects: Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Equity (512).

The law of evidence generally. Pleading and practice in the Supreme Court and Local Court.

Text-books:

Cross, R., *Evidence* (Butterworth, 1958).
 Cockle, E., *Cases and statutes on the law of evidence*, 9th edition (Sweet and Maxwell, 1957).
 Odgers, W. B., *Principles of pleading* (Stevens).

Reference books:

Stephen, J. F., *A digest of the law of evidence*, 12th edition (Macmillan).
 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.).

519. Taxation Law.

Available to graduates in law, to those who have obtained the final certificate in law, and with the Faculty's permission to law students in their final year.

Details of this course and a reading list are available at the Law School.

520. The Law Relating to Companies, Partnership, Bankruptcy, and Divorce.

Pre-requisite subjects: Equity (512); Mercantile Law I (513).

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 edition (Law Book Co.).
 Young, N. S., *Bankruptcy practice in Australia* (Law Book Co.).
 Topham, *Company law*, 12th edition (Butterworth).

Arts Subjects.

See Regulation 3 (1) (b) of the LL.B. Regulations.
 Syllabuses as prescribed under the Faculty of Arts.

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* (M.U.P.); *or*

Webster, H. C., and Robertson, D. F., *Medical physics* (Queensland U.P.).

532. Chemistry.

A course of lectures (three hours a week) arranged as follows: First term, physical chemistry two hours, organic chemistry one hour a week. Second and third terms, physical and inorganic chemistry one hour, organic chemistry two hours a week.

A course of practical chemistry (three hours a week) consisting of two terms physical and inorganic chemistry and one term organic chemistry.

Text-books:

Crockford, H. D., and Knight, S. B., *Fundamentals of physical chemistry* (Wiley).

Brown, G. I., *A simple guide to modern valency theory* (Longmans).

Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

269. Biology.

A course consisting of two lectures and two periods of practical work each week throughout the year. 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-book:

Whaley, W. G., Breland, O. P., Heimsch, C., Phelps, A., and Schrank, A. R., *Principles of biology*, 2nd edition (Harper).

Reference book:

Simpson, G. G., Pittendrigh, C. S., and Tiffany, L. H., *Life: an introduction to biology* (Routledge and Kegan Paul).

534. Medicine and the Humanities.

The purpose of this course may be summed up under three headings: First, to provide the essential background of a liberal education in the form of an outline of the history of Western Civilisation and its achievements in the arts and the sciences, with special reference to the contemporary theory and practice of medicine. Secondly, to give students the opportunity of direct acquaintance with a sample of the great classics of medical literature, in the writings of Hippocrates, Harvey, Osler and Sherrington. Thirdly, by means of essays to be read and discussed with the Reader in small groups, to provide students with regular practice in expressing their ideas clearly and correctly. The text-books recommended are:

Childe, G., *What happened in history?* (Penguin).

Kitto, H. D. F., *The Greeks* (Penguin).

Power, Eileen, *Mediaeval people* (Penguin).

Sherrington, Sir Charles, *Man on his nature* (Penguin).

Guthrie, *History of medicine* (Nelson).

Harvey's treatise on the motion of the heart and blood (Everyman).
 Osler, Sir William, ed. Verney, *The student life* (E. and S. Livingstone).
 Lindsay, A. D., *The modern democratic state* (O.U.P.).
 Ashton, *The industrial revolution* (H.U.L.).
 Farrington, *Greek science* (Penguin).
 Brinton, *Ideas and men* (Prentice-Hall).
 Hippocrates, *Medical works* (Blackwell).

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 mechanism; vitamins; the metabolism of water and inorganic elements; the chemistry of hormones; abnormalities of metabolism.

An additional course of about ten lectures on clinical tests is given to medical students in connection with their practical work.

PRACTICAL WORK:

During the first term students perform experiments illustrating the chemical properties of carbohydrates, fats, proteins, enzymes, and other substances of biochemical importance.

In the second and third terms, medical students conduct quantitative examinations of urine, milk, blood and gastric contents, and perform various clinical tests.

Text-books:

Mitchell, P. H., *Textbook of biochemistry, latest edition* (McGraw-Hill); or
 Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications); or
 Harrow, B., and Mazur, A., *Textbook of biochemistry* (Saunders); or
 Kleiner, I. S., *Human biochemistry, 2nd edition* (Kimpton).
 Mitchell, M. L., *Handbook of practical biochemistry* (Hassell).

Reference book:

Cantarow, A., and Trumper, M., *Clinical biochemistry, 4th edition* (Saunders).

542. Histology and Embryology.

A course of lectures and practical classes on the development and microscopic structure of the tissues, organs and systems of the body, extending over three terms. Before the time of examination students are required to submit their notebooks as evidence of satisfactory attendance at practical classes. Medical students are expected to provide their own microscopes and the following books:

Maximow, A. A., and Bloom, W., *A text-book of histology, 7th edition* (Saunders); together with:

Hamilton, W. J., and others, *Human embryology* (Heffer).

Ford, E. B., *Genetics for medical students, 3rd edition* (Methuen).

Recommended for further reading:

Clark, W. E. Le Gros, *The tissues of the body, 4th edition* (O.U.P.).

Corner, G. W., *Ourselves unborn* (Yale U.P.).

Barclay, A. E., and others, *Foetal circulation and cardiovascular system, a synopsis for students* (Blackwell).

Ham, A. W., *Histology, 3rd edition* (Lippincott).

Smith, C. A., *The physiology of the newborn infant, 3rd edition* (Thomas).

Harrison, R. J., *Man the peculiar animal* (Pelican).

Auerbach, C., *Genetics in the atomic age* (Oliver and Boyd).

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.); or

Lockhart, R. D., Hamilton, G. E., and Fyffe, F. W., *Anatomy of the human body* (Faber and Faber).

Cunningham, D. J., *Manual of practical anatomy*, Vols. 1, 2 and 3 (O.U.P.).

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 edition (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 edition (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 first and second terms of the third year of medical study.

Text-book:

Bell, G. H., Davidson, J. N., and Scarborough, H., *Text-book of physiology and biochemistry*.

Reference books:

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox); or

Houssay, B. A., *Human physiology*, 2nd edition (McGraw-Hill, 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 coagulation and its disorders, thrombosis, embolism and infarction, retrograde cellular changes and degenerations, the biological effects of radiant energy, the fundamentals of the neoplastic process, haemorrhage, shock and oedema, immune processes. A more detailed syllabus is issued to each student when he commences the course.

Text-book:

Wright, G. Payling, *An introduction to pathology*, latest edition (Longmans).

Reference book:

Florey, Sir Howard, *General pathology*, 2nd edition (Lloyd-Luke).

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 edition (Heinemann).

Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology*, 9th edition (Livingstone).

Reference books:

Rhodes, A. J., and van Rooyen, C. E., *Text-book of virology*, latest edition (Thomas Nelson).

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity*, 4th edition (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 and one practical class a week in the third term of the third year and one lecture and one lecture-symposium a week in the first and second terms of fourth year. The subject-matter will be the application of the more important principles of physiology and pharmacology to medicine and surgery.

Text-books:

Wilson, A., and Schild, H. O., *Applied pharmacology*, 9th edition (Clark).

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).

Micks, R. H., *Essentials of materia medica and therapeutics*, 7th edition (Churchill, 1951).

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) Weekly tutorials and 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).
Hutchison, R., and Hunter, D., *Clinical methods* (Cassell).

Reference books:

Anderson, W. A. D., *Pathology*, 3rd edition (Mosby).
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).
Novak, E., *Gynaecological and obstetrical pathology* (Saunders).
Wintrobe, M. M., *Clinical hematology* (Lea and Febiger).

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 Island, 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.

Students are expected to participate in group discussions, and in class symposia arranged by the lecturer.

Typed summaries of the lectures are available. Current medical journals and these books should be read freely for reference:

American Public Health Association, *Control of communicable diseases* (1955).
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).
 Leavell, H. R., and Clark, E. G., *Preventive medicine for the doctor in his community* (McGraw-Hill).
 Rosenau, M. J., *Preventive medicine and hygiene* (Appleton).

563. Forensic Medicine.

The Coroner's Court, Magistrate's Court, Local Court and Supreme Court; medical evidence, use of statements, expert evidence; medical privilege; dying declarations; duties of a medical man in regard to crime; rights of the individual, e.g., accused or a prisoner on medical examination; position of medical man acting for employers or insurance agents when examining patients; legal side of manslaughter by negligence, abortion, infanticide, concealment of birth, notification of birth; medico-legal bearings of divorce; signs of death; putrefaction; sudden deaths, asphyxia, syncope, coma; natural sudden deaths; post-mortem examinations, including exhumations; wounds, accidental, suicidal, homicidal, and fabrications; asphyxia, hanging, strangulation, drowning, poisoning, electrocution, abortions and infanticide; examinations of victims and accused in cases of criminal assault, rape, etc.; suspected drunkenness; duties of prison doctors; poisons, sales of poisons, Dangerous Drugs Act; Pharmacy and Poisons Acts; collecting material for analysis; examination of blood for alcohol; tests for human and other bloods; blood groups; paternity cases; seminal stains; hairs and fibres.

Text-book:

Simpson, K., *Forensic medicine*, 3rd edition (Arnold).

Reference books:

- Smith, S., *Forensic medicine*, latest edition (Churchill).
 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).

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:

- Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone); or
 Coneybeare, Sir J., and Mann, W. N., *Text-book of medicine* (Livingstone); or
 Beaumont, G. E., *Medicine* (Churchill); or
 Richardson, J. S., *The practice of medicine* (Churchill).

General reference books:

- Price, F. W., *A text-book of the practice of medicine* (O.U.P.).
 Cecil, R. L. F., and Loeb, R. F., *Text-book of medicine* (Saunders).
 Harrison, T. R., and others, *Principles of internal medicine* (McGraw-Hill).

Special reference books:

- Wood, P. H., *Diseases of heart and circulation* (Eyre and Spottiswoode).
 Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).
 Brain, Sir R., *Diseases of the nervous system* (O.U.P.).
 Coope, R., *Diseases of the chest* (Livingstone).
 Percival, D. H., *An introduction to dermatology* (Livingstone).
 De Wardner, H. E., *Kidney disease* (Churchill).
 Sherlock, S. P. V., *Liver disease* (Churchill).
 Harris, E. H. R., and Mitman, M., *Clinical practice in infectious diseases* (Livingstone).
 Gruchy, D. de, *Clinical hermatology in medical practice* (Blackwell).

2. Physical Signs, Diagnosis and Chemical Methods.

Text-books:

- Hutchison, Sir R., and Hunter, D., *Clinical methods* (Cassell).
 Krupp, M. A., and others, *Physicians handbook* (Lange).

Reference books:

- Cabot, R. C., *Physical diagnosis* (Baillière, Tindall and Cox).
 Harrison, G. A., *Chemical methods in clinical medicine* (Churchill).
 Stokes, E. H., *Clinical investigation* (Angus and Robertson).

3. Therapeutics.

Text-books:

- Dunlop, D. M., McNee, J. W., and others, *Text-book of medical treatment* (Livingstone).
 White, Sir W. Hale, *Materia medica, pharmacy, pharmacology and therapeutics* (Churchill).

B. PSYCHOLOGICAL MEDICINE: 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; schizophrenic paranoid psychoses; confusional and tonic states; other organic psychoses.
- (e) The legal relationship of mental disorders.

Text-books:

- Zangwill, O. L., *Introduction to modern psychology* (Methuen).
 Kahn, R. L., and Cannell, C. F., *The dynamics of interviewing* (Wiley, 1957).
 Stafford Clark, D., *Psychiatry today* (Pelican).
 Valentine, M., *An introduction to psychiatry* (Livingstone, 1955).

C. MEDICAL DISEASES OF CHILDREN: 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* (Livingstone).
 Collins, V. L., *Infant feeding*, latest edition (Ramsay).
Health supervision of young children (American Public Health Association).

572. Group II: The Science and Art of Surgery.

A. SURGERY. A course of lectures and demonstrations extending over two years in the principles and practice of surgery.

Text-books:

- Blackburn, G., and Lawrie, R., *Text-book of surgery* (Blackwell).
 Bailey, H., and Love, R. J. M., *Short practice of surgery* (Lewis).
 Illingworth, C. F. W., *Text-book of surgical treatment, including operative surgery* (Livingstone).
 Adams, J. C., *Outline of orthopaedics* (Livingstone).
 Adams, J. C., *Outline of fractures* (Livingstone).
 Bailey, H., *Demonstrations of physical signs in clinical surgery* (Wright).
 Pye, W., *Surgical handicraft* (Wright).

Reference books:

- Aird, I., *A companion to surgical studies* (Livingstone).
 Jones, R. Watson-, *Fractures and other bone and joint injuries* (Livingstone).

- Bailey, H., *Emergency surgery* (Wright).
 Farquharson, E. L., *Text-book of operative surgery* (Livingstone).
 Rowbotham, G. F., *Head injuries* (Livingstone).
 Welch, C. S., and Powers, S. R., *The essence of surgery* (Saunders).

B. DISEASES OF THE EYE: A course of 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).

C. DISEASES OF THE EAR, NOSE AND THROAT: A course of ten lectures dealing with: nasal obstruction due to disease and injury; acute and chronic sinusitis, symptoms, and treatment; nasal manifestations of allergy and treatment; epistaxis—causes and treatment; throat infections—types, causes and treatment; malignant disease of throat, its surgery and treatment by radiation; dysphagia—types, causes, and treatment; cardiospasm; diseases of the larynx and their treatment, with special reference to tuberculosis and cancer; the nature of hearing and deafness; causes and types of deafness and their treatment; suppurative otitis and its complications; tinnitus; vertigo; injuries to ear; vestibular tests.

Text-book:

Hall, I. S., *Diseases of the nose, throat, and ear* (Livingstone).

Reference book:

Jackson, C., and others, *Nose, throat and ear, and their diseases* (Saunders).

D. SURGICAL DISEASES OF CHILDREN: Ten lecture-demonstrations on surgical diseases of children given at the Adelaide Children's Hospital in the fifth year of the medical course.

E. DENTISTRY: Extraction of teeth under local and general anaesthetic on at least four patients; instruction on normal and abnormal arrangement of teeth, the importance of deciduous dentition and conservation of teeth, and recognition and treatment of certain teeth and gum conditions, e.g., temporary treatment of carious teeth, abscess conditions, pyorrhoea, inflammatory and ulcerative conditions of gums, dental use of X-rays, regulation of children's teeth.

F. RADIOLOGY: A course of lecture-demonstrations in third year, dealing with: surgical and applied anatomy combined with the radiological investigation of bones and joints, of thorax, of alimentary tract, of liver and gall bladder, of urinary tract, of female pelvic organs and of soft tissues.

Further lecture-demonstrations will be given through the fourth and fifth year Surgery lecture course.

G. ANAESTHETICS: (i) A course of lectures on the principles of anaesthetics; (ii) A course of instruction in the administration of anaesthetics and the care of the anaesthetized patient.

573. Group III: Obstetrics and Gynaecology.

A course of lectures in obstetrics and gynaecology is given during the fifth year and a course of clinical lectures during the sixth year. Clinical tuition is given during the fifth and sixth years as follows:

A. OBSTETRICS: Students reside in one of the obstetric teaching hospitals for a total period of eight weeks.

B. GYNAECOLOGY: Students attend the gynaecological clinics and wards of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for six weeks.

Text-books:

Baird, D., *Combined text-book of obstetrics and gynaecology*, 6th edition (Livingstone, 1957).

Jeffcoate, T. N. A., *Principles of gynaecology* (Butterworth, 1957).

Mayes, B. T., *Text-book of obstetrics*, 2nd edition (Australasian Publishing Co., 1959).

Reference books:

- Browne, F. J., and Browne, J. C. M., *Ante-natal and post-natal care*, 8th edition (Churchill, 1955).
 Moir, J. C., *Operative obstetrics*, 6th edition (Ballière, Tindall and Cox).
 Eastman, N. J., *Obstetrics*, 11th edition (Appleton-Century-Crofts, 1956).
 Shaw, W., *Text-book of operative gynaecology* (Livingstone, 1954).
 MacLeod, D. H., and Read, C. D., *Gynaecology*, 5th edition (Churchill, 1955).

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.

FACULTY OF DENTISTRY
DEGREE OF BACHELOR OF DENTAL SURGERY**FIRST YEAR.****531. Physics.**

For syllabus, see under the Faculty of Medicine.

532. Chemistry.

For syllabus, see under the Faculty of Medicine.

269. Biology.

For syllabus, see under the Faculty of Science.

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 edition (Saunders).

SECOND YEAR.**611. Anatomy.**

The course consists of systematic lectures, demonstrations, and practical work and extends over three terms. It is so arranged as to cover the general anatomy of the body and the principles underlying its structure, the detailed topographical anatomy of the head and neck and the dissection of this region.

Text-book:

Cunningham, D. J., *Manual of practical anatomy*, Vol. 3 (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. 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 Department of Dentistry, 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 edition (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 three terms.

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 Department of Dentistry, Royal Adelaide Hospital.

Text-books:

Skinner, E. W., *The science of dental materials*, 4th edition (Saunders).

Osborne, J., *Dental mechanics for students*, 3rd edition (Staples).

THIRD YEAR.**621. Applied Oral Anatomy and Physiology.**

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:

- Shapiro, H. H., *Applied anatomy of the head and neck* (Lippincott, 1943).
 Sicher, H., *Oral anatomy* (Mosby, 1949).
 Klatsky, M., and Fisher, R. L., *The human masticatory apparatus* (Henry
 Kempton, 1953).
 O'Rourke, J. T., and Miner, L. M., *Oral physiology* (Mosby, 1951).

622. Pathology.

A course of instruction on the general principles of pathology, inflammation, repair of injuries, tumours, reactions of degeneration, syphilis, tuberculosis, and actinomycosis, with special reference to diseases associated with the mouth and adjacent parts.

Text-books:

- Montgomery, G. L., *Pathology for students of dentistry* (Livingstone, 1953).
 Wright, G. Payling, *An introduction to pathology*, latest edition (Longmans).

Reference book:

- Ogilvie, R. F., *Pathological histology* (Livingstone).

623. Dental Patho-histology.

A course of instruction including lectures and practical work dealing with microscopic examination of dental and surrounding tissues in diseases of the teeth.

Text-books:

- U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott, 1956).
 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. General and Dental Bacteriology.

A course of lectures and practical work on the general principles of bacteriology and immunity as applied to dental practice. The course covers the following: Morphology, physiology, cultivation and isolation of yeasts, moulds, bacteria and viruses; principles of sterilisation, disinfection and chemotherapy; general principles of immunology and infection; the characteristics and occurrence of representative groups of yeasts, moulds, bacteria and viruses with particular reference to those involved in dental and oral infections.

Text-books:

- Fairbrother, R. W., *Textbook of medical bacteriology*, latest edition (Heinemann).
 Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology*, 9th edition (Livingstone).

625. 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 edition (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).

626. 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* (Saunders, 1954).

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 Department of Dentistry, Royal Adelaide Hospital.

Text-book:

Swenson, M. G. (ed.), *Complete dentures* (Mosby).

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 text-book of prosthetic dentistry* (Lea and Febiger).

628. Dental Materia Medica.

An introductory course of instruction on the application of drugs relating to the practice of dentistry, with special reference to caustics.

Text-book:

Dilling, W. J., and Hallam, S., *Dental materia medica, pharmacology, and therapeutics*, 4th edition (Cassell).

FOURTH YEAR.

631. 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 edition (Livingstone).
 U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).

Reference books:

- Thoma, K. N., *Oral pathology*.
 Fish, E. W., *Surgical pathology of the mouth*.

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. 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* (Mosby).

634. Dental Materia Medica, Pharmacology and Therapeutics.

A course of instruction on the names, sources, physical character, chemical properties, preparation, doses, pharmacological action, and application of the important drugs relating to the practice of dentistry; prescription-writing.

Text-books:

Dobbs, E. C., and Prinz, H., *Pharmacology and dental therapeutics*, 10th edition (Mosby).
American Dental Association, *Accepted dental remedies*, latest edition.

635. Conservative Dentistry II.

A course of instruction in the clinical application of operative techniques and radiography in conservative procedures.

Text-books:

Gabel, Arthur B. (ed.), *American text-book of operative dentistry* (Lea and Febiger, 1947).
Grossman, I., *Root canal therapy*, 3rd edition (Lea and Febiger, 1950).
McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).

636. 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).

637. 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 Department of Dentistry, Royal Adelaide Hospital.

Text-book:

Swenson, M. G. (ed.), *Complete dentures* (Mosby).

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 Robertson).

Applegate, O. C., *Essentials of removable partial denture prosthesis* (Saunders).

638. Orthodontics I.

A course of instruction, demonstrations, and practical work.

639. Children's Dentistry.

A course of instruction on the treatment of injuries and diseases of children's teeth and associated tissues; 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 edition (Lea and Febiger).

Brauer, Higley, Massler and Schour, *Dentistry for children* (Blakiston).

640. Preventive Dentistry.

Epidemiology of dental disease; methods of control and treatment; relation of dental disease to systematic disease; the place of dentistry in public health programmes.

Text-books:

Muhler and Wisan, *Preventive dentistry* (Kimpton).

Pelton and Wisan, *Dentistry in public health* (Saunders).

Reference books:

O'Rourke, J. T., and Miner, L. M. S., *Oral physiology* (Mosby).

Clements, F. W., et al., *Diet and nutrition for the Australian people* (Angus and Robertson).

Great Britain, Ministry of Food, *Manual of nutrition* (H.M.S.O.).

640A. Oral Diagnosis and Treatment Planning.

A course of instruction and clinical sessions on the principles of oral diagnosis and treatment planning. Applied oral anatomy and physiology; examination methods; analysis of records; planning treatment.

FIFTH YEAR.**641. Conservative Dentistry III.**

Clinical instruction on advanced operative techniques; children's dentistry; preventive dentistry; oral diagnosis and treatment planning.

642. Periodontia.

A course of instruction on diseases of the supporting structures of the teeth and oral mucous membrane, their aetiology, symptoms, diagnosis, pathology and treatment.

Reference books:

Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).

Merritt, A. H., *Periodontal diseases—diagnosis and treatment* (Macmillan).

Fish, E. W., *Parodontal diseases*, 2nd edition (Eyre and Spottiswoode, 1952).

- Glickman, I., *Clinical periodontology* (Saunders, 1953).
 Burket, L. W., *Oral medicine* (Lippincott).
 U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).

643. Orthodontia.

A course of instruction and practical work on irregularities of the positions of the teeth and concomitant anomalies of the jaws; their development, causes, consequences, recognition, and treatment by mechanical and surgical means.

Reference books:

- Angle, E. H., *Treatment of 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 edition (Lea and Febiger).

644. 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 Department of Dentistry, Royal Adelaide Hospital.

Text-books:

- Schlosser, R. O. (ed.), *Complete denture prosthesis* (Saunders).
 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).

645. Anaesthesia.

A course of lectures and demonstrations on general anaesthetics.

Text-book:

- Kaye, G., Orton, R. H., and Renton, D. G., *Anaesthetic methods* (Ramsay).

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. Principles of Dental Practice.

A short course of lectures on public dental health and dental services; public dental health education; dental jurisprudence; forensic odontology; dental ethics; history of dentistry.

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.

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; metal casting 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 TECHNIQS.

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

Before the 31st January of each year during which he proposes to undertake work for the degree a candidate shall notify the Faculty in writing 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 before 31st January in the year during which he proposes to undertake the work.

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* (Queensland U.P.); 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 in dental metallurgy. To include selected parts of the courses of instruction in Physical Metallurgy I (1263) and Physical Metallurgy II (1264) as the Supervisor may direct.

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* (Baillière, Tindall and Cox).
Carlson, A. J., and Johnson, V. E., *The machinery of the body* (Chicago U.P.).
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 edition (Arnold).
Dubos, R. F., *Bacterial and mycotic infections of man*, 2nd edition (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 Oral Surgery and Pathology.

- (b) A course of study of advanced text-books and current literature on the special section of work selected by the candidate and approved by the Faculty.
- (c) Practical work at the Department of Dentistry in the general and the approved special section of work; the amount of such practical work to be as directed by the Faculty in each case, but shall not be less than one half-day session a week throughout the dental clinical 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 Department of Dentistry 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 Dean of the Faculty of Music for approval not later than the last day of the second term, such list to be selected from the syllabus which will be published at the beginning of each year.
- (b) Further, each candidate shall be examined in technical exercises and studies as laid down in the syllabus.
- (c) Reading at sight.
- (d) Viva voce examination: the candidate will be required to show a thorough knowledge of matters connected with the tonality and form of the works presented for examination, and also to show a knowledge of standard works (of his instrument or vocal) of representative composers of the main periods of composition.

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.

EXAMINATION: One three-hour paper.

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 and Dobbs, *The Oxford school music book—junior and senior teaching manual* (O.U.P.).

Jacques, *Voice training in schools*.

Macpherson and Read, *Aural culture. Bases of musical appreciation* (Williams).

Macpherson, *Musical education of the child* (Williams).

Priestly, *Musical 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.

EXAMINATION: One three-hour paper.

Text-book:

Hooper, *Teaching music to classes*.

Reference books:

Unesco, *Music in education*.

Mellalieu, *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.

EXAMINATION: One three-hour paper.

Text-books:

Shaw, Harold Watkins, *Musical education* (Hinrichsen).

Mursell and Glen, *The psychology of school music teaching* (Silver Burdette).

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).

Courses of studies in Italian, German and French languages designed to give the student of singing an experience suited to his particular requirements in modern languages.

- EXAMINATION: a. One one-hour paper.
 b. Viva voce.

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 Dean of the Faculty 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).
 Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).

712. Harmony II.

SYLLABUS:

Harmony (written) in not more than four parts: Baroque and Viennese techniques.

EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests II.

Text- and reference books:

- Morris, *Foundations of practical harmony and counterpoint* (Macmillan).
 Lovelock, *First and second year harmony* (Hammond).
 McHose, *Contrapuntal harmonic technique of the 18th century* (Appleton-Century-Crofts).
 Lang, *Score reading exercises, Book 1* (Novello).
 Lovelock, *Graded exercises in transposition* (Hammond).
Any standard collection of Bach chorales.
Selected classical string quartets.

713. Harmony III.

SYLLABUS:

1. Harmony (written) in not more than four parts.
 - (a) Modal harmony (*Genevan and Scottish psalters*; Gibbons, *Hymns and songs of the church*), including the writing of fauxbourdons, Elizabethan lute song accompaniment.
 - (b) Three- and four-part writing (free style) for voices or instruments.

2. Keyboard harmony, including transposition and score reading (alto and tenor clefs).

EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests III.

Text- and reference books:

- Woodward, *Songs of Syon* (Schott).
 Hindemith, *Traditional harmony*, Book I (the later chapters).
 Morris, *Foundations of practical harmony and counterpoint* (Macmillan).

714. Harmony IV.

SYLLABUS:

1. Harmony (written):
 - (a) Continuo realisation.
 - (b) Ground basses and variations.
 - (c) Twentieth century techniques.
2. Keyboard harmony: advanced transposition, orchestral score reading, and extemporisation; continuo playing.

EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests IV.

Text-books:

- Lovelock, *Orchestral score reading* (Hammond).
 Morris, *Figured harmony at the keyboard*, Parts I and II (O.U.P.).

Reference books:

- Andrews, *Oxford harmony*, Book II (O.U.P.).
 Bairstow, *Counterpoint and harmony* (Macmillan).

717. Counterpoint I.

SYLLABUS:

1. Motive structure and development.
2. Elementary counterpoint (free style).

EXAMINATION: One three-hour paper.

Text-book:

- Morris, *Introduction to counterpoint* (O.U.P.).

718. Counterpoint II.

SYLLABUS:

1. Counterpoint of the Roman and English Schools (Lassus, *Cantiones duarum vocum*; Morley, *Two-part canzonets*) including the study of prescribed works.
2. Free style, including the writing of inventions.

EXAMINATION: One three-hour paper.

Text-books:

- Soderlund, *Direct approach to counterpoint in 16th century style* (Appleton-Century-Crofts).
 Morris, *Contrapuntal technique in the 16th century* (O.U.P.).
 Morley, *Two and three part canzonets* (Stainer and Bell).

719. Counterpoint III.

SYLLABUS:

Free style original work for any medium.

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, G., *The golden age of Italian music* (Jarrolds).

O'Brien, G., *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 and Faber).
 Grout, *Opera*, Vols. 1 and 2 (Columbia U.P.).
 Fellowes, E. H., *The English madrigal* (O.U.P.).
 Fellowes, E. H., *English cathedral music* (O.U.P.).
 Schweitzer, *Bach*, Vols. 1 and 2 (Black).
 Geiringer, *The Bach family* (Allen and Unwin).
 Geiringer, *Haydn* (Allen and Unwin).
 Einstein, *Mozart* (O.U.P.).

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*, Vols. I-VI (O.U.P.).
 Grout, *Opera*, Vols. I and II (Columbia U.P.).
 Carse, A., *The orchestra from Beethoven to Berlioz* (Heffer).
 Dyson, *The new music* (O.U.P.).
 Mellers, W., *Studies in contemporary music* (Dobson).
 Copland, *Our new music* (McGraw-Hill).

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: (a) One three-hour paper.
 (b) Prepared essay on the approved subject.

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: Two three-hour papers.

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: Two three-hour papers.

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. 4*.

Moeran, *Symphony in G minor*.

Shostakovitch, *Symphony No. 5*.

R. Vaughan Williams, *Symphony No. 5*.

Mozart, *Symphony No. 40*.

Dallapiccola, *Canti di prigionia*.

Stravinsky, *le Sacre du printemps*.

Schönberg, *String quartet No. 4*.

Alban Berg, *Lyric suite*.

Debussy, *String quartet*.

Ravel, *Daphnis and Chloe suite*.

Berlioz, *Symphonie fantastique*.

Brahms, *Requiem*.

Bloch, *Quintet for pianoforte and strings*.
 Byrd, *Mass for five voices*.
 Hindemith, *Mathis der Maler*.
 Holst, *The hymn of Jesus*.
 Walton, *Symphony*.
 Webern, *Five movements for string quartet*.
 Elgar, *Enigma variations*.

Reference books:

Newman, *From the world of music* (Calder).
 Strunk, *Source reading in music history* (Norton).
 Sullivan, *Beethoven* (Pelican).
 Tovey, *Essays and lectures on music* (O.U.P.).

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 book:

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).
 Lovelock, *Graded exercises in transposition* (Hammond).

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:

1. to present a programme suitable for teaching purposes;
2. to discuss the fundamental principles of the technique of their own instrument (or voice); and
3. to show a sound knowledge of the repertoire of the literature of the instrument (or voice) and a particular knowledge and understanding of teaching materials.

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 physical and inorganic chemistry given to students of Medicine and Dentistry on Thursday (first term only) and Friday (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 physical and inorganic chemistry designed to meet the needs of medical and pharmacy students.

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:

- Crockford, H. D., and Knight, S. B., *Fundamentals of physical chemistry for pre-medical students* (Chapman and Hull), or
 Wallwork, S. C., *Physical chemistry for students of pharmacy and biology* (Longmans) and
 Brown, G. I., *A simple guide to modern valency theory* (Longmans).
 Lupton, A. W., *Aids to the mathematics of pharmacy* (Baillière, Tindall and Cox).
 Bentley, A. O., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

753. Practical Inorganic Chemistry.

A course of practical chemistry (three hours a week), which is complementary with the lecture course.

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* (Baillière, 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; sulphadiazine. Synthetic dyestuffs of medicinal interest. Terpene compounds; camphor; menthol. Simple alkaloids. Principles of chemotherapy; organic arsenicals.

Text-book:

Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

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).

Reference books:

Openshaw, H. T., *Laboratory manual of qualitative organic analysis* (Cambridge).

Middleton, H., *Systematic qualitative organic analysis* (Arnold).

269. Biology.

For syllabus, see under the Faculty of Science.

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 three 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 pharmaceutics* (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.

Text-book:

Ruch, *Psychology and life* (Scott Freeman, N.Y.).

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 edition (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 (Baillière, 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 Physical Education during the third term as set out in syllabus No. 801.

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 two terms and one a week in the third term. The lectures are given in the Anatomy Tutorial Room.

The first lectures deal with the characteristics of living matter in general and the basic structure of different animal groups, thus presenting man as a member of a species with an evolutionary history and with a definite relationship to other members of the animal kingdom. Next follows a general description of the basic tissues of the body, and then, at some length, the anatomy of the different systems of the body is discussed together with their microscopical structure and functions, an attempt always being made to relate structure and function to one another. With each system a brief account of its evolution is given, again to illustrate phylogenetic relationships. The last system discussed is that concerned with reproduction and this leads on to a brief account of

the embryological development and growth of the human and the significance of heredity and environment in development. The last part of the course is taken up with a more detailed account of the bones, joints and muscles of the human body 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 main subject matter and emphasizing 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.

Text-books:

De Coursey, R. M., *The human organism* (McGraw-Hill).
Dale, A., *Introduction to social biology* (Heinemann).

For further reading:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).
Baitsell, G. A., *Human biology* (McGraw-Hill).
Barnett, A., *The human species* (Pelican).
Haldane, J. B. S., and Huxley, J. S., *Animal biology* (O.U.P.).
Harrison, R. J., *Man the peculiar animal* (Pelican).

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.

105. Hygiene.

For syllabus, see under the Faculty of Arts.

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).
 Gardiner, M. Dena, *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:

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 and Remedial Work.

Following the course in Body Mechanics, a series of hospital visits is arranged during the third year. Students are shown how to observe postural defects and deformities common among school children and young adults. X-rays of the bony changes occurring in deformities are explained, and corrective exercises demonstrated. The possibilities of preventive work in schools through early recognition of signs and symptoms, and through correct habitual postures, are demonstrated.

Students are expected to keep notes of their observations, and are given a practical examination at the end of the course.

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.

For reading and reference:

Williams, J. F., and Brownell, C. L., *Administration of health and physical education* (Saunders).
 Nixon and Cozens, *Introduction to physical education* (Saunders, 1938 or later edition).
Moving and growing, Part I (Ministry of Education, England, 1952).
Planning the programme, Part II (Ministry of Education, England, 1954).
Syllabuses of physical education prepared by the Australian Education Departments.

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).
 Williams, *Principles of physical education* (Saunders, 1938).
 Jacks, L. P., *Education of the whole man* (U.L.P., 1931).
 Jacks, L. P., *Education through recreation* (U.L.P., 1932).
 Jacks, M. L., *Physical education* (Nelson, 1938).
 Smithells, Philip A., *Atlantic gap* (1948).
 British Medical Association, *Report of the Physical Education Committee* (1936).
 Randall, M. W., *Modern ideas on physical education* (Bell, 1952).
 McIntosh, P. C., *Physical education in England since 1800* (Bell, 1953).
 Munrow, A. D., *Pure and applied gymnastics* (Arnold, 1955).
 McIntosh, Munrow, Dixon and Willetts, *Landmarks in the history of physical education* (Routledge and Kegan Paul).
 Randall, M. W., and Waine, W. K., *Objectives of the physical education lesson* (Bell, 1955).
 University of Birmingham, *Britain in the world of sport* (1956).
 Natan, A., *Sport and society* (Bowes, 1958).

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).

Other books which may be usefully read:

- Boyd, W., *History of western education* (Black).
 Curtis and Boultonwood, *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., *The development of modern education* (Prentice-Hall).
 Eby, F., and Arrowood, C. F., *History and philosophy of education, ancient and medieval* (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. Physical Psychology.

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; see 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-books:

- Ruch, *Psychology and life* (Scott Foresman, N.Y.).
 Oeser, O. A., *Teacher, pupil and task* (Tavistock).

Reference books:

- Weir, L. H., *Europe at play* (Barnes, 1937).
 Butler, G. D., *Introduction to community recreation* (McGraw-Hill, 1940).
 Pearce, I. H., and Crocker, *Peckham experiment* (Allen and Unwin, 1944).
 Mitchell, E. D., and Mason, B. S., *Theory of play* (Barnes, 1939).
 Sprott, W. J. H., *Human groups* (Pelican).

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 with a member of the staff of the Department of Social Studies.

Economics.

Candidates may take either Economics I (151) or Social Economics (150).

81. Psychology I.

For syllabus, see under the Faculty of Arts.

Biology.

Candidates may take either Biology (269) or Human Biology (801).

836. Social Work I.

A course consisting of two lectures a week throughout the academic year, individual tutorials, and practical work.

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.

(c) Students will be required to reach a satisfactory standard in practical work. This may include a study of a community, observation of groups, study of social agencies and institutions, and practice in a social agency under the supervision of a social worker.

Reference books:

Fink, A. E., Wilson, E. E., and Conover, M. B., *The field of social work*, 3rd edition (Henry Holt, 1955).

Friedlander, W. A., *Introduction to social welfare* (Prentice-Hall, 1955).

Stroup, H. H., *Social work, an introduction to the field* (American Book Co., 1953).

Towle, C., *Common human needs* (American Association of Social Workers).

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).

Klein, J., *The study of groups* (Routledge and Kegan Paul).

Trecker, H., *Social group work* (Woman's Press).

Wilson, G., and Ryland, G., *Social group work* (Houghton, Mifflin).

Social History.

Candidates may take either Politics I (61), or History IB (52), or History IIB (55), or Economic Development I (154).

83. Psychology IIB.

For syllabus, see under the Faculty of Arts.

843. 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* (Churchill, 1955).

Human Nutrition.

Candidates may take either Human Nutrition (807) or Physiology (843) above.

846. Social Work II.

Three lecture-discussions a week throughout the academic year, individual tutorials, and practical work.

- (a) A study of social case work principles and their application.
- (b) A clinically-oriented study of the dynamics of human behaviour.
- (c) Students will be required to reach a satisfactory standard in practical work, which may include practice in a social agency under the supervision of a social worker, and attendance at clinical sessions.

Preliminary reading:

Perlman, H. H., *Social casework* (Chicago U.P.).

References will be given throughout the lectures.

851. Social Organisation.

One lecture a week during the three terms.

A study of the administration, financing and legal organisation of social welfare institutions at the commonwealth, state, local and voluntary levels. While the study is primarily Australian, comparative studies in other countries may be used to illustrate principles in welfare organisation.

References will be given throughout the lectures.

852. Sociology.

Pre-requisite subject: Psychology IIB (83).

Two lectures a week; tutorials by arrangement.

SYLLABUS.—Definition, scope and methods of sociology.

Preliminary reading:

Ginsberg, M., *Sociology* (H.U.L.).

Sprott, W. J. H., *Sociology* (Hutchinson).

Sprott, W. J. H., *Science and social action* (Watts).

References will be given throughout the lectures.

856. Social Work III.

Four lecture-discussions a week throughout the academic year, individual tutorials, and practical work.

SYLLABUS:

- (a) Philosophy and theory of social work.
- (b) Social casework practice in specific settings; medical, psychiatric, family and child welfare.
- (c) Administration of social agencies.
- (d) Principles of medicine: organic and functional diseases; medical and social problems of illness.

Students will be required to reach a satisfactory standard in practical work, which will include practice in a social agency under the supervision of a social worker throughout terms I and II, and participation in clinical sessions.

References will be given throughout the lectures.

859. Field Work.

Before qualifying for the diploma a student must satisfy the Board that he has reached a satisfactory standard in practical field work. This will include practice in social agencies in the long vacations, amounting to six weeks at the end of the first and second years and ten weeks at the end of the third year of the course.

DIPLOMA IN PHYSIOTHERAPY

FIRST-YEAR COURSE.

861. Anatomy I.

ANATOMY.—A course on human biology during the first term, and courses on the topographical anatomy of the extremities and trunk during the whole of the year.

HISTOLOGY AND EMBRYOLOGY.—A course of lectures, demonstrations and practical classes extending over three terms.

PRACTICAL.—Students are required to dissect the extremities and the trunk. Special demonstrations are held throughout the year.

During the third term students dissect the human brain and make themselves familiar with its major macroscopic features.

Text-books:

Cunningham, D. J., *Manual of practical anatomy*, latest edition (Angus and Robertson).

Lockhart, R. D., *Living anatomy* (Faber).

Hamilton, W. J., Boyd, J. D., and Mossman, H. W., *Human embryology* (Heffer).

Hewer, E. E., *Textbook of histology for medical students* (Heinemann).

Reference books:

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.

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* (Churchill, 1955).

863. Physics.

The course consists of one lecture-demonstration a week throughout the year, and deals with relevant topics in physics, viz., force, moments, and energy; temperature, heat-energy, humidity, ventilation; production and properties of infra-red, visible, and ultra-violet radiations; electricity and magnetism, including the production and properties of direct, alternating and high-frequency currents; ionization and electrolysis, shielding of apparatus, heating by high-frequency currents, etc.

The scope of the course is defined by typed lecture notes. The text-books set for electrotherapy, together with an elementary text-book on physics, are suitable for reference.

864. Theory and Practice of Massage and Treatments.

The course consists of two hours a week during the second and third terms.

THEORY.—Ten lectures on history of medicine. Brief review of primitive medicine; medicine in Mesopotamia; that of the Ancient Egyptians, Persians, Indians, and Chinese. Greek medicine; the Alexandrian School; medicine in the Roman Empire; Arabic medicine; the medieval awakening; the rise of the Universities; anatomical advance and its influence on surgery; the experimental

era and its wealth of discoveries; the contribution of physicists; bacteriologists; clinical teachers and pathologists to medicine; anaesthesia; nursing; outline of advances over last 100 years.

Ten lectures on the theory of massage manipulations and treatments; their effects and uses; description of general massage, and of that used for certain surgical conditions and contra-indications.

Reference books:

- Fink, D. H., *Release from nervous tension* (Allen and Unwin, 1950).
 Jacobson, E., *Progressive relaxation* (Chicago U.P.).
 Osler, W., *The evolution of modern medicine* (Yale U.P.).
 Mettler, F. A., *History of medicine* (Blakiston).
 Neuburger, *History of medicine* (Oxford Medical Publications).
 Singer, *A short history of medicine* (O.U.P.).
 Dawson, B., *The history of medicine* (Lewis).

PRACTICE (Students working on each other).—Instruction in relaxation, rhythm and other preparatory exercises; general massage for arm, leg and back.

865. Theory and Practice of Movement I.

The course consists of one hour a week during the third term.

The work of Hendrik Ling and others in the development of remedial exercises. Relaxation; co-ordination; levers; axes and planes; centre and line of gravity; the work and properties of muscles; group action of muscles; posture; examination of patient; balance; mechanics of pelvis; reflexes; fundamental starting positions.

Text-book:

- Prosser, E. M., *Manual of massage and movements* (Faber and Faber).

Reference book:

- Wells, K. F., *Kinesiology* (Saunders).

866. Social Psychology.

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).

Reference books:

- Kahn, R. L., and Cannell, C. F., *The dynamics of interviewing* (Wiley, 1957).
 Bowlby, *Child care and the growth of love* (Penguin).
 Valentine, *The normal child* (Penguin).

SECOND-YEAR COURSE

871. Anatomy II.

ANATOMY.—Lectures on the topographical anatomy of the head and neck during the first and second terms.

NEUROLOGY.—Students attend the course of lectures on neurology given in the first term to medical students but do not take part in the practical work.

PRACTICAL.—Students dissect the head and neck.

Text-books:

No 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 and Practice of Treatments by Physiotherapy.

A. TREATMENTS.—The course consists of one hour a week in the first and second terms and two hours a week in the third term.

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 edition (Livingstone).
 Stone, K., *Diseases of the joints and rheumatism* (Heinemann).
 Cyriax, J. H., *Text-book of orthopaedic medicine*, Vols. 1 and 2 (Cassell).
 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 and Practice of Movement II.

The course consists of three 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. During the second and third terms the theory of muscle function and mass muscle patterns as an introduction to neuro muscular re-education.

PRACTICE (Students working on each other).—During the first term the practice of physical education with emphasis on the normal physical development in various age groups and on class work. Students are taught to take and to teach the fundamental and derived positions accurately, and the exercises as set out in Prosser, E. M., *Manual of massage and movements*. Original and educational exercises are built up for all muscle groups. Basic movement approach to physical activities and functional activities are taught. Class work: commands; co-ordination exercises including Frenkels. Progressive resistance exercises; use of slings and pulleys.

Students teach each other exercises suitable for the correction of postural faults, deformities, after-effects of injury, etc., and those used to assist in recovery from medical conditions.

Reference books:

- Wells, K. F., *Kinesiology; the mechanical and anatomical fundamentals of human motion* (Saunders).
 Goldthwait, J. E., *Body mechanics in the study and treatment of disease* (Lippincott).
 Anderson, T. McC., *Human kinetics and analysing body movements* (Heinemann).
 Gardiner, M. Dena, *The principles of exercise therapy* (Bell).
 Bowen, Wilbur P., *Applied anatomy and kinesiology* (Henry Kimpton).
 Steindler, Arthur, *Kinesiology* (Chas. C. Thomas, 1955).

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.

Reference book:

- Boyd, W., *Text-book of pathology* (Lea and Febiger).

875. Electrotherapy.

The course consists of one lecture and one hour's practical work a week throughout the year.

Electromedical currents: apparatus and accessories, effects, general rules for treatment. Electrical reactions of muscles and nerves: Wallerian degeneration, technique and value of testing; types of testing; electrical stimulation for treatment. Low frequency currents: galvanic current and ion transfer, faradic and sinusoidal; physics and physiological effects; technique and dangers. High frequency currents and apparatus: short-wave diathermy; 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., *Electrotherapy and actinotherapy* (Baillière, Tindall and Cox).

Reference books:

- Kovacs, R., *Electric therapy and light therapy* (Kempton).
 Morris H., *Medical electricity for massage students*, 3rd edition (Churchill).
 Osborne and Holmquest, *Technic of electrotherapy* (Baillière, Tindall and Cox).
 Beckett, R. H., *Modern actinotherapy* (Heinemann, 1955).
 Scott, B. O., *Principles and practice of diathermy* (Heinemann).

876. Practice of Hospital Work I.

The course covers certain nursing procedures, bandaging, splinting, plastic work, ethics and professional conduct, and a general outline of other medical ancillary services. The practical work on patients is carried out at the Royal Adelaide Hospital and at the Queen 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 and Practice of Movement III.

The course consists of two lectures a week throughout the three 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. Techniques of proprioceptive facilitation.

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.

Reference books suggested at lectures.

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 eight lectures by an orthopaedic surgeon, four lectures by a neuro-surgeon, eight lectures on medical conditions by a physician, four lectures by a chest surgeon, six lectures on the physiotherapy of chest conditions, eight specialised lectures on electrotherapy and six lectures on manipulations of joints.

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 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. Practice of Hospital Work II.

A. At the Royal Adelaide Hospital:

The course extends over sixteen weeks. Work in the wards covers experience in orthopaedics, chest surgery, neuro-surgery, and general medical and surgical cases. Out-patient work includes class work, general treatments, and all types of electrical treatment, the Bisgaard treatment of gravitational ulcers; 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 eleven 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 ARCHITECTURE AND TOWN PLANNING

FIRST YEAR

901. 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 methods of building construction* (Angus and Robertson).

902. Mathematics.

For the present there will be no special course in Mathematics. The attention of candidates is drawn to the pre-requisite for Structures I (912) which is a pass *either* in Mathematics I and II at the Leaving Honours examination *or* in General Mathematics (201).

903. Building Science I.

The nature and properties of common building materials; manufacturing problems; physical phenomena; density; moisture and porosity. Electricity. Structure and use of timber; moisture movement. Natural ventilation. Sun radiation and control. Daylighting standards and assessment.

Text-book:

Reid, D., *Building science*, Vol. I (Longmans).

904. History of Architecture I.

The architecture of Egypt, Mesopotamia, the Aegean, Greece, Rome, Early Christian, Byzantine, Islamic and Medieval periods.

Text-books:

- Allsop, H. S., *The general history of architecture* (Pitman).
 Fletcher, B., *History of architecture* (Batsford).

905. 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* (Architectural Press).
 Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

906. 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).

907. Studio Work I.

Practical exercises to illustrate problems arising in building construction, building science, architectural design and architectural and free drawing lectures.

SECOND YEAR.

911. 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. Timber frame construction. Joinery, cupboards, etc., and hardware. Steel and reinforced concrete frame construction.

Text-books:

- McKay, W. B., *Building construction*, Vol. 2 (Longmans).
 Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).

912. Structures I.

Pre-requisite subject: Mathematics I and II at the Leaving Honours examination or General Mathematics (201).

Statically determinate plane frames. Shear and bending moment diagrams. Stress and strain. Theory of bending and design of beams. Deflection of simple beams and cantilevers. Properties and testing of materials.

913. Building Science II.

Sheet materials. Adhesives and adhesions. Structural properties and applications of materials. Metals; corrosion. Thermal properties of materials; comfort conditions; insulation; condensation. Heating and ventilation (domestic). Electricity supply and wiring regulations. Sound; acoustical properties of materials; noise control. Hardness of water and softening systems. Light measurement.

Text-book:

- Reid, D., *Building science*, Vol. 2 (Longmans).

914. History of Architecture II.

Medieval and Renaissance architecture in Italy, France, England, Spain and Germany. The Regency, 19th and 20th centuries architecture with colonial adaptations. The Orient. 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).

915. 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* (Architectural Press).
Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

916. Studio Work II.

Practical exercises to illustrate building construction, building science and architectural design lectures.

THIRD YEAR.

921. Building Construction III.

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 roof-lights. Staircases, fire-resisting and special. Office organisation; site work and supervision. Shoring: timbering to trenches. Designed foundations. Fire services, requirements, etc. Structural economics. Internal finishes to floors, walls, ceilings.

Text-books:

- McKay, W. B., *Building construction*, Vol. 3 (Longmans).
Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).

922. 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.

923. Building Science III.

Concreting cements, special cements and additives; dense and lightweight concrete; surface finishes; pre-cast and pre-stressed concrete products. Ceramics. Floor finishes. Biological attack on building materials; preventive methods. Artificial illumination. Acoustical design of auditoria. Heating and air-conditioning (public buildings).

924. Professional Practice I.

Specification; structure and organisation of building industry; central and local government; building act and by-laws; general law of contract.

Text-books:

- Willis, A. J., *Specification writing for architects and surveyors* (Lockwood).
Australian standard method of measurement of building works (Institute of Quantity Surveyors (Aust.)).

925. Architectural Surveying.

The construction, use and adjustment of surveying equipment; optical square; staff; levels; theodolites. Chain surveys, levelling, traverses; measurement and setting out of building works; tacheometry; computation of traverses and levels, areas and volumes with straight and irregular boundaries; use of planimeter; plane table surveys. Survey and measurement of existing buildings relating to dilapidations and alterations.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable), or
Knight, B. H., *Surveying and levelling for students* (Contractors Record).
Huggins, F. R., *Building surveys* (Batsford).

926. Architectural Design and Planning III.

The relationship of planning to environment. Contemporary architectural form. Visual arts. Landscape and silviculture. Specialised building types. Furniture and interior design. Architecture and climate.

Text-books:

Robertson, H., *Modern architectural design* (Architectural Press).
Robertson, H., *Principles of architectural composition* (Architectural Press).
Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

927. Studio Work III.

Practical exercises to illustrate building construction, building science and architectural design lectures.

FOURTH YEAR.

931. Building Construction IV.

Ductwork. Specification. Glass block and glass concrete construction. Roof coverings and lights. 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.

932. Structures III.

Analysis of indeterminate framed structures. Two-pin arches. Multi-storey building frames. Moment distribution. Concrete mix design. Design of reinforced concrete members.

933. Building Science IV.

Fire resistance of building materials and protective methods. Protection and decoration of materials and surface finishes. Plastics. Illumination design. Bearing properties and classification of soils.

934. Professional Practice II.

Quantity surveying. Bills of quantities. Standard method of measurement. Law of building contracts. Standard form of contract. Certificates and accounts.

Text-books:

Australian standard method of measurement of building works (Institute of Quantity Surveyors (Aust.)).
Eggleston, H. S., *The practising architect* (M.U.P.).
Willis, A. J., *The elements of quantity surveying* (Lockwood).

935. 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:

Brown, A. J., and Sherrard, H. M., *Town and country planning* (M.U.P.).
Abercrombie, P., *Town and country planning* (O.U.P.).

936. Studio Work IV.

Practical exercises to illustrate building construction, and building science, and more advanced design projects.

FIFTH YEAR.**941. Structures IV.**

Soil mechanics. Column analogy. Plastic theory of design. Pre-stressed concrete. Experimental stress analysis. Three-dimensional framed structures.

942. Building Science V.

The design and control of concrete. Water supply and treatment methods. The design and operation of sewage disposal systems. Specialized problems of acoustics, illumination, soil stabilization, street lighting, etc.

943. Professional Practice III.

The code of professional conduct. Standard fee scales. Office organisation. Programming. Economic theory and valuation. Building investment and budgeting. Variations. Law relating to the architect. Arbitration. Bankruptcy and liquidated damages. Town planning acts.

Text-book:

Eggleston, H. S., *The practising architect* (M.U.P.).

944. Studio Work V.

Practical exercises to illustrate building science lectures and advanced projects in architectural design.

945. Architecture Thesis.

To be on a selected and approved subject involving architectural design and constructional problems and to be accompanied by a suitable report.

946. Honours Degree of Bachelor of Architecture.

For Honours students additional seminar courses dealing with the following subjects will be provided in the fourth and fifth years:

- Civic design.
- Landscape architecture.
- Building science.
- Industrial design.
- Factory production and prefabrication.
- Housing.
- Architecture and climate.
- The visual arts in building.

FACULTY OF TECHNOLOGY.

1001. Structures I (T).

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 and Norris, *Elementary structural analysis* (McGraw-Hill).

Urquhart and Rourke, *Design of concrete structures* (McGraw-Hill, 1958).

Hansen, H. J., *Modern timber design* (Chapman and Hall).

Gaylord and Gaylord, *Design of steel structures* (McGraw-Hill).

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., and Young, D. H., *Theory of structures* (McGraw-Hill, 1945).

Kinney, J. S., *Indeterminate structural analysis* (Wesley).

Lin, T. Y., *Design of prestressed concrete structures* (Wiley, 1955).

1003. Civil Engineering B.

Pre-requisite subjects: Surveying IA (1008), Applied Mathematics (T) (1153), Hydraulics (T) (1211), Pure Mathematics II (T) (1152) and 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., and Peck, R. B., *Soil mechanics in engineering* (Wiley, 1948).

Steel, E. W., *Water supply and sewerage* (McGraw-Hill, 1953).

Reference books:

- Capper, P. L., and Cassie, W. F., *Mechanics of engineering soils* (Spon, 1953).
 Tschebotarioff, G., *Soils mechanics foundations and earth structures* (McGraw-Hill).
 Schultz, J. R., *Geology in engineering* (Wiley, 1955).
 Fair, G. M., and Geyer, J. C., *Water supply and waste water disposal* (Wiley, 1954).
 Babbit, H. E., and Doland, J., *Water supply engineering* (McGraw-Hill, 1955) (Relevant British codes of practice).
 Imhoff, K., and Fair, G. M., *Sewage treatment* (Wiley).
 Rudolf, W., *Industrial wastes* (Reinhold).

1004. Structures II (T).

Pre-requisite subject: Structures I(T) (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 I.

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-books:

Abercrombie, Sir Patrick, *Town and country planning* (O.U.P.).
Brown, A. J., and Sherrard, H. M., *Town and country planning*.

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 and Surveying students will be required to attend a survey camp.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable, 1946).
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/- is charged. Accommodation and stretchers are provided, but bedding and transportation are the student's responsibility.

A charge is also made to cover the cost of meals provided. Each student must obey all regulations whilst in camp.

All plans, field notes and computations must be completed satisfactorily, and handed to the lecturer-in-charge at the closing of the camp.

A candidate whose work is deemed unsatisfactory by the lecturer-in-charge will not be credited with attendance at the camp, and he may be required to do additional practical work during the first term of the following year, or to attend another survey camp.

Entry for the camp must be made 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), Pure Mathematics I (T) (1151), and Physics I (T) (1141).

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* (McGraw-Hill, 1955).

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* (Chapman and Hale, 1953).
Raisz, E., *General cartography* (McGraw-Hill, 1948).

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; various types of survey instruments.

Practical work: Three weeks practical work during vacation by arrangement with a mining company.

Reference book:

Staley, W. W., *Introduction to mine surveying* (Stanford U.P., 1953).

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* (Lewis, 1952).
Schwidetsky, K., *Text-book of photogrammetry*.
Hart, C. A., *Air photograph applied to surveying* (Longmans, 1943).

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-book:

Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).

Reference books:

Hosmer, G. L., *Geodesy* (Wiley, 1929).
Bomford, G., *Geodesy* (O.U.P., 1952).

1015. Astronomy.

Pre-requisite subjects: Surveying IA (1008), Pure Mathematics I (T) (1151), Physics I (T) (1141).

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., and Mackie, J. W., *Astronomy for surveyors*, 5th edition (Griffin, 1953).

Star almanac for surveyors.

Reference books:

Roelofs, R., *Astronomy* (Ahrend, 1950).

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.

- (a) British Law. A general knowledge of the bases of planning law in Britain, including the Barlow, Scott and Uthwatt Reports. A general knowledge of the 1947 Act and its amendments, the 1946 New Towns Act, and subsequent legislation of importance.
- (b) Australian Law. A brief survey of the planning law in force in all states of Australia other than South Australia.
- (c) South Australian Law. The 1916 Planning Bill. The Town Planning and Development Act 1920. The Town Planning Act 1929. The Town Planning Act 1929-57.

Reference books:

The Reports, Bills, Acts, etc. referred to above.

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.

(a) Applied Geology:

Principles of geology; igneous activity; the work of the atmosphere; rivers; underground water; oceans and lakes; glaciers; organic deposits; sedimentary rocks; earth movements; geological maps and sections; control of mineral working; soils and soil classification in South Australia.

Text-books:

- Fearnside, W. G., and Sulman, O. M. B., *Geology in the service of man* (Pelican); or
 Raistrick, A., *Teach yourself geology*.
 Mining Review No. 97, *Rock products, sand and gravel resources in the metropolitan area of Adelaide*, pp. 142-171.
 Mining Review, No. 94, *Survey of the brick manufacturing industry in South Australia*, pp. 98-126; and *Limestone production in South Australia*, pp. 126-164.
The one mile geological map of the Adelaide military sheet.

Reference books:

- Cotten, C. A., *Geomorphology*, 1942.
 Longwell, Knopf, Flint, Schuchert and Dunbar, *Outlines of geology* (Wiley).
 Emmons, Theil, Stranffer and Albson, *Geology*.
 Clarke, Prider and Tiechert, *Elements of geology* (W.A. University Bookshop).
Geologist Society of Australia (M.U.P.).
 Ward, L. K., *The occurrence, composition, testing and utilisation of underground water in South Australia* (Geological Survey Bulletin No. 23).
 Aitcheson, Sprigg and Cochrane, *The soils and geology of Adelaide and suburbs* (Geological Survey Bulletin No. 32).
 Ministry of Town and Country Planning, *Control of mineral working* (H.M.S.O., 1951).

(b) Economic Geography:

Land utilisation; forestry and agriculture; the distribution of industry (particularly mining, iron and steel, engineering and the production of power); the distribution of urban and rural populations; the development of settlements; communications.

Text-books:

- Zimmerman, E. W., *World resources and industries*, Foreword and pp. 1-43 (Harper, 1951).
 Jones, C. F., and Darkenwald, G. G., *Economic geography*, pp. 1-20 (Macmillan, 1954).

Reference books:

- Smith, Wilfred, *An economic geography of Great Britain*, 2nd edition.
 Wadham, S. M., and Wood, G. L., *Land utilisation in Australia*, 2nd edition, pp. 338-369 (M.U.P., 1947).
 Wills, N. R., *Economic development of the Australian iron and steel industry* (probably available through B.H.P.).
 White and Foscoe, *Regional geography of Anglo-America*, 2nd edition (Prentice-Hall, 1954).

1021. Building Science I (T).

Building stones and reconstructed stone. Limes, cements and plasters. Pozzolans. Aggregates. Mortars. Carbide mortars. Design of concrete mixes. Clay bricks, terracotta, earthenware, stoneware. Tiles. Fireclay. Bitumen, asphalt, coal tar. Timber, growth, seasoning, grading, preserving. Veneers and hardboard. Glues. Ferrous metals. Non-ferrous metals. Alloys. Welding, soldering, brazing, riveting, etc. Electrolysis and corrosion. Protection of metals. Asbestos cement. Insulative materials. Plastics. Paints.

1022. Building Science II (T).

Pre-requisite subject: Building Science I (T) (1021) must have been passed previously or must be taken concurrently.

(a) Properties and uses of materials.

Thermal insulation: Heat transfer and transmittance.

Insulation of walls, floors and roofs.

Design for climate: Climatic zones of Australia. Natural ventilation (domestic). Elementary heating (domestic).

Properties and use of acoustic materials: Sound. Noise. Sound transmission. Insulation of partitions, doors, windows. Fixing absorptive materials.

Fire protection: Effect of fire in buildings. Fire risk of materials, ratings. Insulation.

Lighting: Daylight penetration and factor. Reactions of surfaces and colours.

(b) Sanitary science.

A course of lectures and series of visits, where practicable, to works in progress. The lecture work embodies principles and practice of Sanitation, both in metropolitan and country areas, with particular treatment of drainage, soil, and waste disposal.

The subject matter is as follows: Sewerage and trade wastes, types of drain and drain laying, jointing methods, trenches and trench timbering, drain testing, cisterns and flushometers, water supply and storage; wells and subartesian supply, sewerage ejectors, traps, trap syphonage and protection, ventilation of drains and waste pipes, fittings and fixtures used in building, lay-out and design of sanitary plumbing installations.

1023. Building Science III (T).

Pre-requisite subject: Building Science II (T) (1022) must have been passed previously or must be taken concurrently.

(a) Building Plant A.

Planks—timber to be used, dimensions and safe loads, methods of preservation; ropes—Manilla, coir and hemp ropes, breaking strains; steel ropes—sizes and safe loads and care; slings and hooks; scaffolding—its types and uses, such as stools and frenchmen, wooden scaffolding, steel tubular scaffolding, mobile scaffolding, swing scaffolds, traversing swing scaffolding, hanging scaffolds, ladders, steps, etc., safety precautions; builders' offices and sheds; branding of scaffolding and plant; concrete mixers—types and sizes, maintenance, outputs, aerating mixers; batch mixers for large construction; hoists and winches—single rope hoists, platform hoists, bucket hoists, mobile hoists: their capacities, erection, maintenance and care; elevators—their uses, care and maintenance; cranes—derrick cranes, their sizes, capacities, uses and erection, assembly and dismantling problems; mobile cranes—types, sizes, maintenance and uses; compressors—uses of air tools, maintenance of same, maintenance of air unit; hand tools—their uses and maintenance, drills, portable saws, gun hammers, emery wheels, manual hand tools; wood-working machines—their types, uses and maintenance; pile driving equipment; dewatering equipment; pumps—their types and uses; derrick poles, wood and steel—method of guying and lifting capacities; formwork—types of steel formwork, maintenance of steel formwork; moving formwork—its design, operation and maintenance; bulk cement equipment; concrete pumps and grout pumps; air lock equipment; concrete skips, buckets and chutes; pre-stressing equipment; internal combustion engines—their simple principle, operation, maintenance and advantages; electric motors—their simple principle, operation, maintenance and advantages; simple outline of excavators, draglines, bulldozers, graders, dump trucks, etc.; transport—commercial vehicles, their types, sizes and maintenance and uses.

NOTE: Visits to various building sites should be included in this subject.

Text- and reference books:

Rossnagel, W. E., *Handbook of rigging*.

N.S.W. *Scaffolding and Lifts Act, 1912-1948* (N.S.W. Government Printing Office).

(b) Service and Equipment of Buildings I.

A course of lectures and visits to buildings dealing with the principles involved in the design and provision of mechanical equipment of buildings; study of codes and regulations involved.

The course includes:

Heating; ventilation; air conditioning; hot and cold water supply; electrical services; illumination; fire protection; vertical transportation.

Exercises, problems and calculations involved in the design of the above services and equipment.

Text- and reference books:

Carrier, Cherne and Grant, *Modern air-conditioning, heating and ventilation*.

Annett, F. A., *Electric elevators*.

S.A.A. lift code (A.S. No. CA.3.).

S.A.A. wiring rules

(Part I: Wiring methods—A.S. No. CCI Part I).

1024. 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).

Tullock, *Details of Australian building construction* (Keating and Wood).

1025. Building Construction and Drawing IA.

The syllabus of this course, although similar to that of Building Construction and Drawing I, is treated in a simpler way, and is designed for students who will be connected only indirectly with the building industry, or who have little experience in draughtsmanship.

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).

Tullock, *Details of Australian building construction* (Keating and Wood).

1026. Building Construction and Drawing II.

Pre-requisite subject: Building Construction and Drawing I (1024).

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 structures, joinery, fittings, glazing. Insulation, waterproofing and damp-proofing, internal and external finishes, including plastering, painting, tiling, etc. Roofs, roofing materials and roof drainage, fire resisting construction. The study of concrete, its properties and reinforced concrete construction.

Students continue exercises in building construction drawing.

Text and reference books:

As for Building Construction and Drawing I.

1027. Building Construction and Drawing III.

Pre-requisite subject: Building Construction and Drawing II (1026).

Concurrent subject: Building Administration II (1029).

(a) Working Drawings and Specifications I.

A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

(b) Working Drawings and Specifications II.

A course of lectures and more advanced exercises on office practice and preparation of drawings and specifications. Examination of methods used by the quantity surveyor; architect's methods of estimating from the sketch drawings.

1028. Building Administration I.**(a) Conditions of Contract.**

A study of the most commonly used Conditions of Contract, including the standard documents of the Royal Australian Institute of Architects, the Architect-in-Chief's Office and the Commonwealth Department of Works.

The preparation of Contracts.

(b) Site Administration.

Selection of working areas; selection of site offices; selection of sheds, etc.; selection of stacking areas, storage of materials; planning placement of materials; planning hoisting of materials; planning the placing of plant, etc.; temporary services—power, water, etc.; material ordering and order books; cartnote and delivery records; time sheets, time records, and time control; job time schedules; distribution of wages, including legal aspect; set out work—foundations, storey rods, detailed construction; sub-contractors—organizing, their responsibility, contractor's responsibility; methods of dealing with variations to contract; contractor's responsibility and relation to clerk of works, architect, engineer, building owner; clerk of works relation and responsibilities; architect's relation and responsibilities; engineer's relation and responsibilities; building owner's relation and responsibilities; general duties of a foreman; general duties of clerk of work; delegation of work to leading hands; awards—their interpretation (with respect to change room, first aid, etc.); cleaning up of site and work; duties in handing over works; care of plans and specifications; estimating labour requirements; estimating plant requirements; the Scaffolding Act; footpath crossing; hoardings, etc.

Text- and reference books:

Gillespie, J. J., *Training in foremanship and management.*

Hiscox, W. J., *Factory layout, planning and progress.*

Gilbraith, Frank, *Time and motion study.*

1029. Building Administration II.

Pre-requisite subjects: Building Construction and Drawing II (1026).

(a) Building Act A.

A course of lectures and drawing office exercises on building construction in which a study is made of the South Australian Building Act and relevant regulations.

Throughout the course there is in view a co-ordination of the requirements of legislation and local practice of building construction. Exercises are worked in the checking of plans and specifications for compliance, and in the administration of the Act and regulations from the standpoint of the building surveyor.

Text-book:

The Building Act, 1923-1946, and regulations.

Reference books:

As for Building Construction and Drawing.

(b) Building Administration IIA.

The builder's office, yard and works for various size organizations; approximate administration staff for various size organizations; accounting sections—its duties and statistical reports, its wages make up, costing records, bank overdraft, guarantee and mortgages, etc.; filing systems; office machines; preparation of profit and loss and balance sheets; costing section—quantity surveyors, pricing and tendering, preparation of bills to be lodged, variations and extras, rise and fall control, material order lists, control of quotations relative to contract, labour targets, checking costing against rates, establishing rates; purchasing section—ordering and planning purchases, stocks, stock control, allocation of stocks, P.C. sums and selections, delivery control, cartnote check against orders; employment section—awards and their interpretation, apprentices and their management, procuring labour, dismissal of labour, country work, country camps and their problems, estimating future labour requirements; general administration—foremen's meetings, staff meetings, control of supervision, control of plant, control of transport, control of contracts, preparation of time schedules, selection of work, fixed price contracts; fixed fee contracts, cost-plus contracts, schedule rates contracts, arbitration on contracts, building association, kindred and allied associations, insurances, pay roll tax, company law and registration of companies, audit and general taxation.

Text- and reference books:

Gillespie, J. J., *Training in foremanship and management.*

Hiscox, W. J., *Factory layout, planning and progress.*

1031. Architectural Drawing I. (T).*Perspective.*

The principles of perspective, definitions and terms used in perspective; simple positions of solids; models composed of a combination of solids. Perspective composition; the projection of architectural perspectives from given plans and elevations.

Reference books:

Carroll, *Principles of perspective.*

Holmes, *Applied perspective.*

Sierp, A. F., *Perspective projections* (Sands and McDougall).

Sketching.

Freehand sketching of simple models, showing plans, elevations, sections and dimensions. Perspective freehand sketching of architectural details. Freehand lettering as required for titles and subtitles of architectural drawings.

Plane Geometry.

Construction of triangles, quadrilaterals, and polygons; circles tangentially in contact with converging lines, triangles, quadrilaterals, polygons, and sectors of circles; third, fourth and mean proportionals; circles of a given radius to touch lines, one or two circles; regular polygons within and without circles; simple problems on the areas of squares, rectangles, parallelograms, polygons and circles; reducing complex figures to simple figures of equal areas; the construction of the ellipse, parabola, hyperbola; Ionic volute and involute of a circle; spirals; and cycloids.

Solid Geometry.

The projection of points, lines, surfaces, and simple solids at an angle to either plane of projection; envelopes of simple solids; sections of solids made by horizontal and vertical planes parallel to the H.P. and V.P.; oblique sections and their true shapes; conic sections and their true shapes; solids at angles with both planes of reference; obtaining second elevations and plans; sectional elevations and plans; the plans and elevations of intersection solids and their envelopes; spheres tangentially in contact; the construction of the helix; isometric projection; development by triangulation.

Text-book:

Sierp, A. F., *An advanced course in geometrical drawing* (Sands and McDougall).

1032. Free Drawing IA.

Lectures on lettering and layout. Outdoor sketching. Rendered studies in various media. Drawing and sketching of buildings and their components.

Reference books:

Studio Publication, *Lettering of today* (London).

Guptill, A. L., *Sketching and rendering in pencil* (Reinhold).

Guptill, A. L., *Colour in sketching and rendering* (Reinhold).

1033. Architectural History IB.

A course of lectures on the development of architecture specially adapted for students of Quantity Surveying. The course covers the architecture of Egypt, the Aegean, Greece, Rome, the Early Christians, Byzantium and of the Middle Ages.

Text-book:

Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

1034. Architectural History IIB.

Pre-requisite subject: Architectural History IB (1033).

A continuation of the course of lectures on architectural development specially adapted for students of Quantity Surveying. The lectures cover the Architecture of the Renaissance in Italy, France and England up to 1850.

The practical work consists of drawing exercises to aid the study of buildings referred to in Architectural History IB and IIB. Students must submit notebooks, sketches and drawings.

Text-book:

Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

1035. Quantity Surveying I.

Pre-requisite or concurrent subject: Building Construction and Drawing I (1024) or IA (1025).

Obtaining from plans and specifications the quantities of materials and labour necessary in the construction of architectural and engineering structures.

The use of scales, figured dimensions, plans, sections, elevations, and detailed drawings in relation to Bills of Quantities.

System of taking off and billing quantities with full descriptive meaning in the following trades in a building contract:

Excavating, concrete footings and ground slabs, brickwork, carpentry, plastering, paving and painting.

1036. Quantity Surveying II.

Pre-requisite subject: Quantity Surveying I (1035).

Concurrent subject: Building Construction and Drawing II or IIA.

A continuation of the course of instruction in the preparation of Bills of Quantities with respect to the following trades: Reinforced concrete, brickwork, metalwork, joinery, glazing and finishing trades including tiling, terrazzo work and other floor finishes.

1037. Quantity Surveying III.

Pre-requisite subject: Quantity Surveying II (1036).

A continuation of the course of instruction in the preparation of Bills of Quantities with respect to the following trades:

Plumbing, draining, structural steel work, stonework, joinery fittings, and specialised services, including electrical and mechanical.

1038. Estimating and Costing.

Effective hourly labour data, extras, contractor's margin data, constants for manual labour, material prices, build up of unit rates, costing analysis, aids to estimating, application of data in estimating.

Reference book:

Rea, *How to estimate*.

1039. Bookkeeping and Accounts.

The accounting functions: planning and classification, recording, reporting, analysis and interpretation. The conventional basis of accounting doctrines and techniques.

The enterprise as a separate entity; the nature of proprietorship; sole traders, partnerships, limited liability companies. The nature of capital, sources of finance. The classification of assets and liabilities.

The accounting processes. The balance sheet. Subsidiary and classified records. Cash transactions and negotiable instruments. Accrual accounting.

Costing concepts. The nature and classification of costs. The elements of cost. Simple collection and measurement of cost on a job cost basis. Office costing and expense rates.

Reporting results. Short period incomes, including the assessment of expired costs and partially earned income.

An introduction to budgetary control, financial budgets, capital budgets.

Text-book:

Baston, A., *Elements of accounts* (Cassell).

Reference books:

Goldberg, L., and Hill, V. R., *The elements of accounting*, 2nd edition (M.U.P.).

Yorston, R. K., Smyth, E. B., and Brown, S. R., *Accounting fundamentals*, 2nd edition (Law Book Co.).

Goldberg, L., *An outline of accounting* (Law Book Co.).

Yorston, R. K., Smyth, E. B., and Sainsbury, H. L., *Costing procedures*, 3rd edition (Law Book Co.).

1040. Supervision—Human Relations.

The role of the supervisor, analysis of business activities, characteristics of good organization, analysis of the supervisor's job, leadership—objectives and essential qualities, development of leadership (methods of self-rating), effective speaking and written expression, principles of controlling people—personnel problems, giving orders, maintaining discipline, handling grievances, problems of transfer, promotion and dismissal, developing and maintaining work interest, incentives, employee selection and placement, starting the new employee, the supervisor as an instructor, development of understudies, policy responsibilities, creating morale.

Text-books:

Parker and Kleemeier, *Human relations in supervision*.
 Spriegel and Schultz, *Elements of supervision*.

1041. Design of Structures A.

Pre-requisite subject: Strength of Materials (T) (1208).

An adaptation of the following course for students of Building.

An introductory course to modern methods in the design of structures. Economics of design; design loads; design of members and joints. Foundations, specifications. Use of codes.

Drawing office work illustrating the lecture-material by the detail design of simple structures in steel, concrete and timber.

Reference books:

Grinter, *Design of modern steel structures*.
 Sutherland and Rees, *Introduction to reinforced concrete design*.
 C.S.I.R., *Handbook of structural timber design*.
 Hansen, *Modern timber design*.
 S.A.A., *Codes*.

1051. Electrical Engineering II (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151) and Physics I (T) (1141).

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*, 7th edition (Pitman); or
 Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).
 Parker-Smith, S., *Problems in electrical engineering*, 6th edition (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 (T) (1141).

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*, 7th edition (Pitman); or
 Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).
 Parker-Smith, S., *Problems in electrical engineering*, 6th edition (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-book:

Langsdorf, A. G., *Theory of alternating current machinery*, 2nd edition (McGraw-Hill).

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 University 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).

This course consists of three hours of lectures, a one-hour tutorial and two hours of practical work a week throughout the year.

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. Frequency modulation. Rectifiers and power supplies. Acoustics of microphones, loudspeakers.

Practical work: Laboratory experiments based on the lectures.

Text-book:

Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).

1102. Communication Engineering II.

Pre-requisite subjects: Communication Engineering I (1101) and Pure Mathematics II (T) (1152).

Syllabus: Network theorems, iterative networks; 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 (McGraw-Hill, 1955).

Everitt, W. L., and Anner, G. E., *Communication engineering*, 3rd edition (McGraw-Hill, 1956).

1104. Applied Electronics.

Pre-requisite or concurrent subject: Electrical Engineering II (T) (1051) or IIA (T) (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.

Preliminary reading:

Hill, W. R., *Electronics in engineering* (McGraw-Hill, 1950).

Text-book:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

Reference book:

Cage, J., *Theory and application of industrial electronics* (McGraw-Hill, 1953).

1104A. Applied Electronics—(Short Course).

Pre-requisite or concurrent subjects: Electrical Engineering II (T) or IIA (T), and Communication Engineering I.

This course consists of the second and third terms' work in Applied Electronics (1104).

Text-book:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

Reference book:

Cage, J., *Theory and application of industrial electronics* (McGraw-Hill, 1953).

1105. Electronic Engineering Design.

Pre-requisite or concurrent 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 or concurrent subjects: Communication Engineering II (1102) and Pulse Techniques (1107).

Lectures:

Measurements involving lumped circuit principles. Units, moving coil instruments, vacuum tube voltmeters, power level measurements, component measurement with bridges and tuned circuits, Q meters, frequency measurement, oscilloscopes, harmonic analysers, phase measurement, sinewave and pulse testing of amplifiers, noise generators and noise measurements.

Measurements involving distributed circuit principles. Low frequency transmission line measurements, bolometers, high frequency transmission line and waveguide measurement of impedance, wavelength, phase, attenuation, power and noise, cavity measurement of impedance and the measurement of antenna impedance, radiation distribution, gain and field strength.

Special instruments and applications. Students will be given an individual study topic and will present a paper on their findings.

Practical work: Laboratory work on the above subject matter.

Text-book:

Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill, 1952).

Reference books:

Ginzton, E. L., *Microwave measurements* (McGraw-Hill, 1957).
Others as prescribed by the lecturer.

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.

Text-books:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).
Farley, F. J. M., *Elements of pulse circuits* (Methuen, 1955).

Reference books:

Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).
Livesley, R. K., *An introduction to automatic digital computers* (C.U.P., 1957).
Jaeger, J. C., *An introduction to the Laplace transformation* (Methuen, 1959).

1153. Applied Mathematics (T).

Pre-requisite subject: Pure Mathematics I (T) (1151).

The course comprises three lectures and one tutorial class per week and deals with the dynamics of a particle and rigid bodies, hydrostatics and statics.

Text-book:

Singer, *Engineering mechanics*, 2nd edition (Harper).

1154. Electron Physics.

Pre-requisite subjects: Pure Mathematics I (T) (1151) and Physics I (T) (1141).

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-book:

Van der Ziel, A., *Solid state physical electronics* (Macmillan).

Reference books:

Ryder, J. D., *Electronic engineering principles*, 2nd edition (Pitman, 1953).
Happell, G. E., and Hesselberth, W. M., *Engineering electronics* (McGraw-Hill, 1953).
Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).
Shive, *The properties, physics and design of semi-conductors* (Van Nostrand).

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 edition (Longmans, 1956).

Callendar, H. L., and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 4th edition (Arnold, 1947).

Reference books:

As prescribed during lectures.

1202. Mechanical Engineering II (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151); Physics I (T) (1141), 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., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).

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 edition (Longmans, 1956).

Mayhew, Y. R., and Rogers, G. F. C., *Thermodynamic properties of fluids and other data*, 2nd edition (Blackwell, 1957).

Reference books:

As prescribed during lectures.

1205. Refrigeration Engineering II.

Pre-requisite subjects: Pure Mathematics I (T) (1151); Chemistry IA (232), Physics I (T) (1141) and Refrigeration Engineering 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., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).

Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning*, 2nd edition (Constable, 1957).

Bureau of Standards, Circular No. 142, *Thermodynamic properties of ammonia* (1945).

1206. Refrigeration Engineering III.

Pre-requisite subjects: Refrigeration Engineering II (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

Sparks, N. R., and Di Ilio, C. C., *Mechanical refrigeration*, 2nd edition (McGraw-Hill).

Brown, A. I., and Marco, S. M., *Introduction to heat transfer*, 3rd edition (McGraw-Hill, 1958).

American Society of Refrigerating Engineers, *Data book*, design volume, 10th edition, 1957-58.

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; failure theories; gears—kinematics of involute teeth, strength and wear resistance of spur, bevel and worm gears; parts of reciprocating engines; journal bearings; velocity and acceleration diagrams; simple mechanisms; cams; dynamics of machines; balancing; linear and torsional vibrations; epicyclic gears

Drawing Office: Project work supplementing lectures covering the design and drawing of mechanical units.

Text-books:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International) *and*
Bevan, T., *The theory of machines*, 3rd edition (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; 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; elements of graphic statics; Maxwell's reciprocal diagrams; design of joints, tension and compression members; reinforced concrete columns, beams and tee-beams; bending of beams by loads not in 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-book:

Trathen, R. H., *Statics and strength of materials* (Wiley, 1954).

Reference books:

S.A.A. Codes:

Metallic arc welding S.A.A. Int. 352.

Structural steel in building S.A.A. Int. 351.

Concrete in building C.A.2 - 1958.

Grinter, L. E., *Design of modern steel structures* (Macmillan).

Sutherland, H., and 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 (T) (1141).

Lectures: Behaviour of materials under simple stress; principal stress; bending moments and shear forces; flexural and shear stresses; framed structures, calculation of forces in members; columns under axial and eccentric loads, design of lattice bars and batten plates; riveted joints, cleats and similar fastenings; welded joints; reinforced concrete, design of columns, rectangular and T beams, bond and shear; stability of structures—earth retaining walls; deflection of beams; beams with fixed ends; continuous beams.

Practical work: Students are required to attend demonstrations at the laboratory and record observations on a series of tests of materials. They are also required to prepare a complete design of an approved structure such as a roof truss.

Text-book:

As prescribed.

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. - 1958.

1211. Hydraulics (T).

Pre-requisite subject: Physics I (T) (1141).

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.

Reference books:

Davis, C. V., *Handbook of applied hydraulics* (McGraw-Hill, 1952).

Daugherty, R. L., and Ingersoll, A. C., *Fluid mechanics* (McGraw-Hill, 1954).

Foster, E. E., *Rainfall and run off* (Macmillan).

Whisler, C. O., and Brater, E. F., *Hydrology* (Wiley, 1949).

Francis, J. R. D., *A text-book of fluid mechanics* (Arnold, 1958).

1212. Engineering Drawing and Design I.

Pre-requisite subjects: Leaving Mathematics I and II.

The course comprises plane and solid geometry, perspective drawing, and dimensioned sketching. Students must 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.

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., and Vierck, C. J., *Engineering drawing*, 8th edition (McGraw-Hill, 1953).

B.S.308: 1953. *Engineering drawing practice*.

1213. Engineering Drawing and Design II.

Pre-requisite subjects: Engineering Drawing and Design I (1212), Pure Mathematics I (T) (1151). If *either* Structures I (T) (1001) *or* 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; ball and roller 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 (Macmillan, 1955).
 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. CBI-1942, *Boiler code*.
 S.A.A. Int. 351, *Structural steel in building*.
 S.A.A. Int. 352, *Metallic arc welding*.
 B.S.308: 1953. *Engineering drawing practice*.

1214 Workshop Practice I.

The course consists of one lecture and three hours practical work a week throughout the year.

The course covers the following topics: Fundamentals of workshop organization, common operations and processes, pattern making, foundry work, machine shop practices, boiler-making, safety principles, standard hand tools and parts. Methods of fabrication, arc, gas, and spot welding; flame-cutting and hard surfacing; pressings and forgings. Demonstration of more advanced machine shop techniques.

Reference books:

- Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).
 Steeds, W., *Engineering materials, machine tools and processes* (Longmans).
McPherson's catalogue.

1215. Workshop Practice II.

Pre-requisite subject: Workshop Practice I (1214). A more advanced course in machine shop practice, consisting of lectures, practical work and demonstrations.

Lectures: Gearing theory; manufacture and methods of finishing; metal removal and metal forming; use of abrasives; heat treatment and procedures for steels, furnaces, hardness testing; oxy-welding, cutting and applications; electric welding; laying-out work; coolants and cutting compounds; cutting tool practice; form tools; broaches and broaching; fundamentals of toolmaking; types of tooling; gauges; presses and press-tools.

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; budgeting within the business—its purpose and method; costing—elementary principles of historical, job, process and standard costing.

Text-book:

First term—Yorston and Fortescue, *Australian mercantile law*, 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 electrodepositions; emission spectroscopy; colorimetry, absorptiometry, spectrophotometry; radio-activity as an analytical tool; ion exchange, chromatography, extraction analysis, thermal analysis, semi-micro analysis, and titrimetric and gravimetric procedures using novel reagents or techniques.

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* (McGraw-Hill, 1954).

Reference books:

Vogel, A. I., *A textbook of quantitative inorganic chemistry*, 2nd edition (Longmans, 1951).
Belcher, R., and Godbert, A. L., *Semi-micro quantitative organic analysis*, 2nd edition (Longmans, 1954).

1254. Extractive Metallurgy I.

Pre-requisite subjects: Physical and Inorganic Chemistry IIA (234) and Process Technology I (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. Seminar: 1 hour per week.

Practical work: Three hours a week throughout the year of quantitative laboratory (bench scale) work designed to illustrate the principles of unit processes in extractive metallurgy.

Text-books:

Hopkins, D. W., *Physical chemistry and metal extraction* (Garnet Miller, 1954).
Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman, 1954).
Bray, J. L., *Ferrous production metallurgy* (Wiley, 1942).

Reference books:

Bray, J. L., *Non-ferrous production metallurgy* (Wiley, 1941).
van Arsdale, G. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).
Mantell, C. L., *Industrial electrochemistry* (Wiley, 1940).
Butts, A., *Metallurgical problems* (McGraw-Hill, 1943).

1255. Extractive Metallurgy IA.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234).

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 I (1254).

1256. Industrial Instrumentation.

Pre-requisite subjects: Chemistry I (231) or IA (232) and General Physics (221).

Lectures: The subject matter deals with the dynamic behaviour of measuring devices, the static characteristics of representative measuring elements, the principles of typical pneumatic and electronic controllers and the significance of their static and dynamic characteristics, final control devices, the modes of control available, and provides an introduction to the theory and application of automatic process control and to control system analysis.

Practical work: A course of experiments designed to exhibit the characteristics of various kinds of industrial instruments and their fields of application as indicators, recorders, and controllers, to demonstrate the behaviour of single and multi-stage processes, and to demonstrate the characteristics of the different control modes and their applicability to representative processes.

Text-books:

Eckman, D. P., *Industrial instrumentation* (Wiley, 1951).

Eckman, D. P., *Principles of industrial process control* (Wiley, 1945).

Young, A. J., *An introduction to process control system design* (Longmans, 1955).

1257. Process Technology I.

This course is the same as No. 461, Process Engineering I, a course for the B.E. degree in Metallurgical and Chemical Engineering.

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

Lectures and demonstrations: Three lectures a week for one term and two lectures a week for two terms, comprising an introduction to the unit processes and operations of chemical and metallurgical engineering, together with illustrated films and visits to industrial works. The subject matter is dealt with in three parts: approximately 30 lectures are devoted to unit operations (including mineral dressing), 18 lectures to unit processes (chemical—inorganic and organic) and 13 lectures to unit processes (metallurgical—extractive).

Reference books:

Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill, 1956).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Pryor, E. J., *An introduction to mineral dressing* (Mining Publications Ltd., 1955).

Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press, 1954).

Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vol. I (McGraw-Hill, 1945).

Riegel, E. R., *Chemical machinery 1944* (Reinhold).

1258. Process Technology II.

Pre-requisite subjects: Applied Physical Chemistry (468), Organic Chemistry IIA (236A) and Process Technology I (1257), Physical and Inorganic Chemistry IIA (234), Organic Chemistry IIA (236A) and Pure Mathematics I (T) (1151).

Lectures: Two hours a week throughout the year dealing with mass and energy balances, phase and reaction equilibria, and reaction kinetics as applied to selected inorganic and organic unit processes.

Practical work: One day a week throughout the year devoted to bench scale projects designed to illustrate the salient features of inorganic and organic unit processes.

Text-books:

Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill, 1956).

Groggins, P. H., *Unit processes in organic syntheses*, 5th edition (McGraw-Hill, 1958).

Reference books:

Mantell, C. L., *Industrial electrochemistry*, 3rd edition (McGraw-Hill, 1950).

Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, Vol. 1, 2nd edition (Wiley).

Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).

Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).

1259. Unit Operations.

Pre-requisite subjects: Applied Physical Chemistry (468) and Process Technology I (1257).

Lectures: One hour a week throughout the year dealing with the theory of fluid flow; heat transfer; evaporation; distillation; absorption; extraction; humidification and air conditioning; drying; filtration; size reduction and separation; materials handling; control of process variables.

Practical work: Three hours' work a fortnight with laboratory apparatus designed to illustrate the principles of unit operations.

Tutorials: Three hours' a fortnight on the solution of problems designed to illustrate the principles discussed in the lectures.

Text-book:

Badger, W. L., and Banchemo, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

Reference books:

McCabe, W. C., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Coulson, J. M., and Richardson, J. T., *Chemical engineering*, Vols. I and II (Pergamon Press, 1954).

1262. Physical Metallurgy Project.

Pre-requisite subjects as for Physical Metallurgy II (1264).

Six hours a week for three terms devoted to literature reviews, a short-term research project, the writing of metallurgical reports and preparation of metal specifications.

1263. Physical Metallurgy I.

Pre-requisite subjects: Engineering Materials (1272) and Chemistry IIA (235B).

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* (M.U.P., 1947).

Hollomon, J. H., and Jaffe, L. D., *Ferrous metallurgical design* (Wiley, 1947).

Reference books:

Barrett, C. S., *Structure of metals* (McGraw-Hill, 1953).

Masing, G., and Rogers, B. A., *Ternary systems* (Reinhold).

Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).

1264. Physical Metallurgy II.

Pre-requisite or concurrent subjects: Applied Physical Chemistry (468), Physics B (Engineering) (222B), Physical Metallurgy I (1263), and Electrical Engineering IIA (T) (1052).

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: Three hours a week throughout the year devoted to experiments designed to illustrate the subject matter of the lectures.

Text-book:

Cottrell, A. H., *Theoretical structural metallurgy* (Arnold, 1956).

Reference books:

Barrett, C. S., *Structure of metals* (McGraw-Hill, 1953).

Hume-Rothery, W., and Raynor, G. V., *Structure of metals and alloys* (Institute Metals).

A.S.M.E. Handbook, *Metals engineering design* (McGraw-Hill, 1953).

Campbell, I. E., *High temperature technology* (Wiley, 1956).

1265. Metal Fabrication.

Pre-requisite subject: Engineering Materials (1272).

Lectures: One hour a week throughout the year dealing with the mechanical working and joining of commercial metals and alloys.

Practical work: Three hours a week for one term (demonstrations and plant visits).

Text-books:

Wulff, J., Taylor, H. F., and Shaler, A. J., *Metallurgy for engineers* (Wiley, 1952).

Baker, H. Wright, *Modern workshop technology* (Clever-Hume).

Reference book:

Metals handbook, 1948 edition (American Society for Metals).

1266. Foundry Practice.

Pre-requisite subject: Engineering Materials (1272).

Lectures: One hour a week throughout the year dealing with the melting and casting of cast iron, steel and the common non-ferrous alloys; moulding methods; properties and testing of foundry sands; die casting.

Practical work: Three hours a week for two terms of experiments designed to illustrate the subject matter of the lectures.

Text-books:

Wulff, J., Taylor, H. F., and Shaler, A. J., *Metallurgy for engineers* (Wiley, 1952).

Heine, R. W., and Rosenthal, P. C., *Principles of metal casting* (McGraw-Hill, 1956).

Reference book:

Metals handbook, 1948 edition (American Society for Metals).

1267. Industrial Economics.

Pre-requisite subject: Process Technology I (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:

- Graves, R., and Hodge, A., *The reader over your shoulder* (Cape, 1943).
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).
 Burnham, T. H., *Engineering economics*, Vols. 1 and 2 (Pitman, 1944).
 Campbell, W., *Business practice and principles*, Part I, 2nd edition (Pitman).
 Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).

1270. Chemistry I (Organic) (T).

Lectures: General organic chemistry of the aliphatic and aromatic compounds.

Practical: Qualitative organic analysis; properties of common organic compounds; preparation of derivatives.

Book recommended:

- English, J., and Cassidy, H. G., *Principles of organic chemistry* (McGraw-Hill).

1271. Assaying.

Pre-requisite subjects: Chemistry IA (232) and Geology I (251).

The course consists of three hours a week throughout the year of theoretical and practical instruction in fire assaying of typical ores, metals and alloys.

Text-book:

- Bugbee, E. E., *Text-book of fire assaying* (Wiley).

1272. Engineering Materials.

Pre-requisite subjects: General Physics and Chemistry IA or Leaving Honours Physics and Chemistry.

The course consists of two lectures and two hours demonstration and tutorial work a week throughout the year.

The course covers the following topics: Metallic materials: the metallic bond; structure of metals and alloys; shaping and joining metals; mechanical testing; metallography of commercially important alloys, electrical and magnetic alloys; properties, applications and heat treatment of structural, constructional and tool steels; corrosion. Non-metallic materials: the physical and chemical properties of ceramic materials, cement, glass, plastics, elastomers, fuels, lubricants, protective coatings, semiconductor materials, water treatment, wood, adhesives.

The demonstrations and tutorials are designed to illustrate the subject matter of the lecture course.

Text-books:

- Nord, M., *Text-book of engineering materials* (Wiley, 1952).
 Van Vlack, H., *Elements of materials science* (Addison-Wesley, 1959).

Reference books:

- Rollason, E. C., *Metallurgy for engineers* (Arnold, 1949).
 Sinnott, M. J., *The solid state for engineers* (Wiley, 1958).
 Goldman, J. E. (ed.), *The science of engineering materials* (Wiley, 1957).
 Leighou, *Chemistry of engineering materials* (McGraw-Hill).
 Norton, *Refractories* (McGraw-Hill).
Metals handbook, 1948 edition (American Society for Metals).

1280. Industrial Microbiology I

Pre-requisite subjects: Biology (269), General Physics (221) and Chemistry IA (232).

Introduction to the moulds, yeasts, bacteria and viruses through a study of their morphological and physiological characters, and their classification. The growth and death of micro-organisms and the principles of sterilisation, disinfection and chemotherapy. An introduction to infection, immunity and serology with special reference to bacterial food poisoning and other infections spread by food and water, methods of prevention, infections of food animals. The microbial flora of the human body. Introduction to the microbiology of milk and water, quality control and methods of treatment, sewage and trade waste disposal, the microbiology of air and soil.

Practical work includes microscopy and the handling of selected preparations of typical moulds, yeasts, bacteria and viruses; staining, cultivation, isolation and identification of these micro-organisms; elementary investigations of certain physiological activities such as fermentation or proteolysis; the preparation of culture media; the use of various methods of sterilisation and disinfection; tests for sterility, disinfectant testing and tests for antibiotic action; investigations of the micro-flora of milk, water, air, soil and sewage; standard tests for quality of milk and water; elementary techniques for handling animal viruses and bacteriophages. Elementary serological tests.

Text-book:

Prescott, S. C., and Dunn, C. G., *Industrial microbiology*, 2nd edition (McGraw-Hill, 1949).

Reference books:

Chalmers, C. H., *Bacteria in relation to milk supply* (Arnold).

Hammer, B. W., *Dairy bacteriology*, 3rd edition (Wiley, 1948).

Waksman, S. A., *Soil microbiology* (Wiley).

Oginsky, E. L., and Umbreit, W. W., *An introduction to bacterial physiology* (Freemantle, San Francisco, 1954).

1281. Industrial Microbiology II

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.

TIME-TABLES FOR 1960

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 1960

FACULTY OF ARTS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
	Elementary Greek	≠	≠	≠	≠	≠	—
1	Greek I	—	9	9	9	—	—
2	Greek II	—	10	10	10	—	—
3	Greek III	≠	≠	≠	≠	≠	—
5	Latin I Day Night	11† 5.15-6.15	11	11†	— 5.15-7.15	11	—
6, 7	Latin II and III	12	12	12*	12	—	—
8	Ancient History	11	—	—	11	—	—
9	Comparative Philology	5	—	—	5	—	—
11	Honours Classics	≠	≠	≠	≠	≠	—
12	Honours Latin	≠	≠	≠	≠	≠	—
21	English I—Lectures .. Day Lectures .. Night Tutorials	— — ≠	12 5.15 ≠	— — ≠	— — ≠	12 5.15 ≠	— — —
22	English II—Lectures Even Years Lectures Odd Years Tutorials	— — ≠	11 5.15 ≠	— — ≠	— — ≠	11 5.15 ≠	— — —
23	English III—Lectures Even Years Lectures Odd Years Tutorials	— — ≠	5.15 11 ≠	5.15 11 ≠	— — ≠	5.15 11 ≠	— — —
28	Honours English	≠	≠	≠	≠	≠	—
31	French I—Lectures .. Day Night Oral Day Night Tutorials	— — — — ≠	10 6.15 — — ≠	— — 10 6.15 ≠	— — — — ≠	10 6.15 — — ≠	— — — — —
32	French II—Lectures Oral	10 ≠	— ≠	— ≠	10 ≠	— ≠	— —
33	French III—Lectures Oral	≠ ≠	9 ≠	≠ ≠	≠ ≠	9 ≠	— —
35, 36, 38	Old and Middle French I and II and Honours French	≠ ≠	≠ ≠	≠ ≠	≠ ≠	≠ ≠	— —
40	German IA	2.15	9	9	—	9, 10	—
41	German I	2.15	9	—	10	—	—
42	German II	—	4.15	—	4.15	4.15	—
43	German III	—	11	11	11	—	—
44	Older German I	—	10	—	—	10	—
45	Older German II	4.15	—	—	12	—	—
48	Honours German Seminar for all Honours German Students	≠ —	≠ 6.45	≠ —	≠ —	≠ —	— —
49	Scientific German Beginners Advanced	— ≠	12 4.15	— ≠	2.15 ≠	— 4.15	— —
51	History IA	—	4.15	—	—	—	—
52	History IB	9	—	9	—	—	—
53	History IC	3	—	—	3	—	—
54	History IIA	—	—	12	11**	12	—
55	History IIB—Even Years Odd Years	6.15 5.15	— —	— —	6.15 5.15	— —	— —

* Latin III, second term only. ** First term only.

† Alternatives. ≠ Times to be arranged.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
56	History IIIA	11, 5.15*	—	—	11, 5.15*	—	—
57	History IIIB	4.15	—	—	4.15	—	—
58	Honours History	≠	≠	≠	≠	≠	—
61	Politics I—Even Years	—	7.15	—	—	7.15	—
	Odd Years	—	9	—	—	9	—
62	Politics IIA—Even Years	9	—	—	9	—	—
	Odd Years	6.15	—	—	6.15	—	—
63	Politics IIB—Even Years	6.15	—	—	6.15	—	—
	Odd Years	9	—	—	9	—	—
64	Politics IIIA—Even Years	5.15	—	—	5.15	—	—
	Odd Years	10	—	—	10	—	—
65	Politics IIIB—Even Years	—	10	—	—	10	—
	Odd Years	—	5.15	—	—	5.15	—
68	Honours Politics	≠	≠	≠	≠	≠	—
71	Philosophy I Day	11	—	—	11	—	—
	Night	—	5.15	—	—	5.15	—
72	Philosophy II	≠	≠	≠	≠	≠	—
74	Philosophy IIIA	≠	≠	≠	≠	≠	—
75	Philosophy IIIB	≠	≠	≠	≠	≠	—
78	Honours Philosophy	≠	≠	≠	≠	≠	—
80	Psychology IA—Lectures Day	10	—	—	10	—	—
	Night—Even Years	6.15	—	—	6.15	—	—
	Odd Years	4.15	—	—	4.15	—	—
81	Psychology I—Lectures .. Day	10	—	—	10	—	—
	Night—Even Years	6.15	—	—	6.15	—	—
	Odd Years	4.15	—	—	4.15	—	—
	Laboratory (2hrs.) Day	2.15-4.15†	2.15-4.15†	2.15-4.15†	—	—	—
	Night	—	6.15-8.15	—	—	—	—
82	Psychology IIA—Lectures	—	2	11	—	—	—
	Even Years	—	4.15	—	—	—	—
	Odd Years	4.15	—	—	—	—	—
	Psychometrics—Even Years	—	3	—	—	—	—
	Odd Years	—	5.15	—	—	—	—
	Laboratory—Even Years	—	—	—	9-12	—	—
	Odd Years	—	—	—	4.15-6.15	—	—
		—	—	—	6.45-7.45	—	—
83	Psychology IIB—Lectures	—	—	—	—	—	—
	Even Years	4.15	4.15	—	—	—	—
	Odd Years	—	2	11	—	—	—
	Psychometrics—Even Years	—	5.15	—	—	—	—
	Odd Years	—	3	—	—	—	—
	Laboratory—Even Years	—	—	—	4.15-6.15	—	—
	Odd Years	—	—	—	6.45-7.45	—	—
	Laboratory—Even Years	—	—	—	9-12	—	—
	Odd Years	—	—	—	—	—	—
84	†Psychology IIIA—Lectures	—	—	—	—	—	—
	Even Years	5.15	—	4.15	—	—	—
	Odd Years	10	—	10	—	—	—
	Psychometrics—Even Years	—	—	5.15	—	—	—
	Odd Years	—	—	11	—	—	—
	Laboratory—Even Years	—	4.15-6.15	—	4.15-6.15	—	—
	Odd Years	—	2.15-4.15	—	4.15-6.15	—	—
85	†Psychology IIIB—Lectures	—	—	—	—	—	—
	Even Years	10	—	10	—	—	—
	Odd Years	5.15	—	4.15	—	—	—
	Psychometrics—Even Years	—	—	11	—	—	—
	Odd Years	—	—	5.15	—	—	—
	Laboratory—Even Years	—	2.15-4.15	—	2.15-4.15	—	—
	Odd Years	—	4.15-6.15	—	4.15-6.15	—	—
91	Geography I—Lectures—	—	—	—	—	—	—
	Day	11	—	—	11	—	—
	Night	—	5.15	—	—	5.15	—
92	Geography II—Lectures	—	≠	≠	≠	≠	—
	Even Years	4.15	—	—	4.15	4.15	—
	Odd Years	10	—	10	—	10	—
	Practical	—	≠	≠	≠	≠	—
93	Geography III—Lectures	4.15	—	4.15	—	4.15	—
	Practical**	—	4.15-6.15†	—	—	—	9-11‡

* 5.15 first term, 11 or 5.15 second and third terms.

† Third year students must be prepared to attend Laboratory Sessions for two hours a week or field work in addition to those shown on the timetable.

** First and second terms only.

‡ Alternatives.

≠ Times to be arranged.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
95	Economic Geography Even Years	—	9	—	9	—	—
	Odd Years	—	7.15	—	—	7.15	—
	Tutorial (one hour)	≠	≠	≠	≠	≠	—
98	Honours Geography	≠	≠	≠	≠	≠	—
101	Education Day	—	2	—	2	—	—
	Night	—	5	—	5	—	—
105	Hygiene	9‡	—	—	—	6.15‡	—
106, 107, 107A, 108	Principles of Pre-Primary Education I, II, IIA and III ..	≠	≠	≠	≠	≠	—
109, 110, 110A, 111	Principles of Primary Education I, II, IIA and III ..	≠	≠	≠	≠	≠	—
112, 113, 113A, 114	Principles of Secondary Education I, II, IIA and III ..	≠	≠	≠	≠	≠	—
116	Educational Psychology I ..	≠	≠	≠	≠	≠	—
117	Educational Psychology II ..	≠	≠	≠	≠	≠	—

‡ Alternatives. ≠ Times to be arranged.

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	—
	Part A ..	—	—	—	—	—	—
	Part B ..	—	6.15	—	—	—	—
	Part C ..	5.15	—	—	—	—	—
	Odd Years ..	—	—	10	—	10	—
	Part A ..	—	—	—	—	—	—
	Part B ..	—	10	—	—	—	—
	Part C ..	10	—	—	—	—	—
154	Economic Development I	—	—	6.15	6.15	—	—
	Even Years	—	—	—	—	—	—
	Odd Years	—	10	—	10	—	—
155	Economic Development II	—	—	—	—	—	—
	Even Years	—	11	—	—	11	—
	Odd Years	5.15	—	5.15	—	—	—
156	Agricultural Economics ..	—	—	4	9	—	—
157	Economic Theory	≠	≠	≠	≠	≠	—
158	Honours Economics	≠	≠	≠	≠	≠	—
161	Economic Statistics I Even Years	—	—	12	—	12	—
	Odd Years	5.15	—	—	5.15	—	—
162	Economic Statistics II Odd Yrs. only ..	≠	≠	≠	≠	≠	—
169	Public Finance Odd Years only	≠	≠	≠	≠	≠	—
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	—	—	—	—	—	—
	Odd Years	—	5.15	—	5.15	—	—
174	Cost Accounting Even Years	—	—	—	—	—	—
	Odd Years	—	5.15	—	5.15	—	—
181	Commercial Law A Even Years	—	—	5.15	—	5.15	—
	Odd Years	8.45 a.m.	—	5.15	—	5.15	—
182	Commercial Law B Even Years	—	—	—	—	—	—
	Odd Years	—	5.15	—	5.15	8.45 a.m.	—
95	Economic Geography Even Years	—	—	—	—	—	—
	Odd Years	—	9	—	9	—	—
	Tutorials (One Hour)	≠	≠	≠	≠	≠	—

Times for tutorial classes will be arranged at commencement of lectures. ≠ Times to be arranged.

NIGHT LECTURES FOR 1960
FACULTIES OF ARTS, SCIENCE AND ECONOMICS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
5	Latin I	5.15-6.15	—	—	5.15-7.15	—	—
9	Comparative Philology	5	—	—	5	—	—
21	English I—Lectures	—	5.15	—	—	5.15	—
	Tutorials	≠	≠	≠	≠	≠	—
23	English III—Lectures	—	5.15	5.15	—	5.15	—
	Tutorials	≠	≠	≠	≠	≠	—
31	French I—Lectures	—	6.15	—	—	6.15	—
	Oral	—	—	6.15	—	—	—
42	German II	—	4.15	—	4.15	4.15	—
51	History IA	—	4.15	—	—	4.15	—
55	History IIB	6.15	—	—	6.15	—	—
56	History IIIA	5.15	—	—	5.15	—	—
57	History IIIB	4.15	—	—	4.15	—	—
61	Politics I	—	7.15	—	—	7.15	—
63	Politics IIB	6.15	—	—	6.15	—	—
64	Politics IIIA	5.15	—	—	5.15	—	—
71	Philosophy I	—	5.15	—	—	5.15	—
80	Psychology IA	6.15	—	—	6.15	—	—
81	Psychology I—Lectures	6.15	—	—	6.15	—	—
	Laboratory (2 hrs.)	—	6.15-8.15	—	—	—	—
83	Psychology IIB—Lectures	4.15	4.15	—	—	—	—
	Psychometrics	—	5.15	—	—	—	—
	Laboratory	—	—	—	4.15-6.15	—	—
					6.45-7.45		
84	*Psychology IIIA—Lectures	5.15	—	4.15	—	—	—
	Psychometrics	—	—	5.15	—	—	—
	Laboratory	—	4.15-6.15	—	4.15-6.15	—	—
91	Geography I—Lectures	—	5.15	—	—	5.15	—
	Practical (one hour)	≠	≠	≠	≠	≠	—
92	Geography II—Lectures	4.15	—	—	4.15	4.15	—
	Practical	≠	≠	≠	≠	≠	—
93	Geography III—Lectures	4.15	—	4.15	—	4.15	—
	Practical**	—	4.15-6.15†	—	—	—	9-11†
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—Part A	—	—	5.15	—	5.15	—
	Part B	—	6.15	—	—	—	—
	Part C	5.15	—	—	—	—	—
154	Economic Development I	—	—	6.15	6.15	—	—
172	Management Accounting	—	5.15	—	5.15	—	—
174	Cost Accounting	—	5.15	—	5.15	—	—
181	Commercial Law A	—	—	5.15	—	5.15	—
182	Commercial Law B	—	5.15	—	5.15	—	—
201	General Mathematics (at S.M.)	—	—	—	—	—	—
	Lectures	5.15-7.15	—	—	5.15-7.15	—	—
		or	—	—	or	—	—
	Tutorials	7.15-9.15	≠	≠	7.15-9.15	≠	—
221	General Physics or	≠	≠	≠	≠	≠	—
223	Physics I—Lectures	5.15	—	5.15	—	5.15	—
	Practical	6.15-8.15	—	6.15-8.15	—	—	—
231	Chemistry I—Lectures	5.15	—	5.15	—	5.15	—
	†Practical (at S.M.)	—	—	7.15-10.0	—	7.15-10.0	—
251	Geology I—Lectures	—	6.30-7.30	—	6.30-7.30	—	—
	Practical	—	5.00-6.30	—	5.00-6.30	—	—
269	Biology—Lectures	—	—	6.15	—	6.15	—
	Practical	—	—	7.15-9.45	—	7.15-9.45	—

* Third year students must be prepared to attend Laboratory Sessions for two hours a week or field work in addition to those shown on the timetable.

** First and second terms only.

† Alternatives.

‡ Candidates should consult the School of Mines authorities early in the year, and especially about practical work in Organic Chemistry.

≠ Times to be arranged.

FACULTY OF SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST-YEAR SUBJECTS						
201	General Mathematics—Lectures ..	10	10	—	10	—
	*Tutorials ..	—	11-1(A)	2-4(B)	—	2-4(C)
202	Mathematics I—Lectures ..	10	10	—	10	—
	*Tutorials ..	—	11-1(A)	2-4(B)	—	2-4(C)
221	General Physics—Lectures ..	9	—	9	—	9
	*Practical ..	2-5(A)	2-5(B)	—	2-5(C)	—
	Tutorial ..	—	—	—	9	—
223	Physics I—Lectures ..	9	—	9	—	9
	*Practical ..	2-5(A)	2-5(B)	—	2-5(C)	—
	Tutorial ..	—	—	—	9	—
231	Chemistry I—Lectures ..	12	—	12	—	12
	*Practical ..	—	10-1(B)	—	10-1(B)	—
	Tutorial ..	—	2-5(A)	2-5(A)	2-5(C)	2-5(C)
251	Geology I—Lectures ..	—	—	11	—	11
	**Practical ..	2-5(A)	2-5(B)	—	—	—
	†Tutorial (1 hr.) ..	11	—	10	—	—
261	‡Botany I—Lectures ..	—	—	10	—	10
	Practical ..	—	2-5	2-5	—	—
	Tutorial ..	≠	≠	≠	≠	≠
269	Biology—Lectures ..	—	11	10	—	—
	**Practical ..	—	2-5(A)	2-5(A)	11-5(B)	—
	Tutorial ..	≠	≠	≠	≠	≠
271	‡Zoology I—Lectures ..	11	9	—	—	—
	Practical ..	2-5	—	—	—	2-5
	Tutorial ..	≠	≠	≠	≠	≠
SECOND-YEAR SUBJECTS						
203	Mathematics II—Lectures ..	—	9	9	—	9
	Tutorial (1 hr.) ..	10	—	10	—	—
204	Pure Mathematics II—Lectures ..	—	9	9	—	9
	Tutorials (1 hr.) ..	10	—	10	—	—
205	Applied Mathematics II—Lectures ..	11	11	—	11	—
	Tutorial (1 hr.) ..	10, 12	—	—	—	—
206	Statistical Methods—Lectures ..	12	—	—	9	—
	Tutorial ..	—	—	2-4	—	—
224	Physics II—Lectures ..	—	12	—	12	12
	Practical ..	—	2-5	—	—	2-5
233	Physical and Inorganic Chemistry II—					
	Lectures ..	—	—	12	9	11
	Practical (6 hrs.) ..	10-5	—	10-12, 2-5	2-4	—
	Tutorial ..	—	—	—	4	—
235	Chemistry II—Lectures ..	—	—	12	4	9
	Practical ..	10-1, 2-5	—	—	—	—
236	Organic Chemistry II—Lectures ..	9	—	—	1	10
	**Practical ..	10-5(A)	—	10-5(B)	—	—
252	Geology II—Lectures ..	10	10	—	10	—
	Practical ..	11-1	11	—	11	—
	Tutorial ..	—	—	—	2-4	—
262	Botany II—Lectures ..	—	9	9	—	10+
	**Practical ..	10-12(A)+	10-1	2-4(B)+	—	2-5
274	Zoology II—Lectures ..	—	—	—	12	10, 12+
	Practical ..	10-12+	2-5	2-5	—	—
281	Biochemistry I—Lectures ..	12	—	—	11	9
	Practical ..	—	—	—	2-5	2-5
291	Bacteriology I—Lectures ..	—	9	9	—	—
	Practical ..	—	10-1	10-1	—	—
296	Genetics I—Lectures Part A ..	9	—	—	—	—
	Part B ..	—	—	—	—	10
	Practical Part A (2 hrs.) ..	—	—	10-12	9-11, 2-4	—
	Part B (2 hrs.) ..	10-12	—	2-4	—	—
301	Histology—Lectures ..	—	4	—	—	11
	Practical ..	2-5	—	2-5	—	—

* A candidate must attend Session A or Session B or Session C.

† There is also an additional hour of independent study at a time to be arranged.

‡ Times for Genetics lectures in third term will be: in Botany I, Lecture, Wednesday 10; Practical, Wednesday 2-5; in Zoology I, Lecture, Tuesday 9; Practical Monday 2-5.

** A candidate must attend Session A or Session B.

+ First term only of Part B of Genetics I (296). (A candidate taking Botany II must attend practical session A or B).
≠ Times to be arranged.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
THIRD-YEAR SUBJECTS						
49	Scientific German					
	Beginners	—	12	—	2.15	—
	Advanced	≠	≠	≠	≠	≠
207	Pure Mathematics III—Lectures	9	—	10	9	10
	Tutorial	—	—	—	10	—
208	Applied Mathematics III—Lectures	—	—	11, 12	—	11, 12
	Tutorial	—	—	—	—	9
209	Mathematical Statistics	≠	≠	≠	≠	≠
225	Physics III—Lectures	4	—	—	12, 4	4
	Practical (9 hrs.)	all day	—	all day	all day	—
237	Physical and Inorganic Chemistry III					
	Lectures	—	9	9	—	9
	Practical (12 hrs.)	—	all day	all day	—	—
239	Organic Chemistry III—Lectures	10	—	—	10	10
	Practical	2-5	—	—	all day	all day
254	Geology III—Lectures	12	10	—	9, 11	—
	†Practical (12 hrs.)	all day (A)	all day (B)	—	all day	—
257	Palaeontology	≠	≠	≠	≠	≠
265	Botany III—Lectures	9*	9	9	—	9
	Practical	2-5*	10-1	—	—	all day
275	Zoology III—Lectures	9, 12*	—	—	12	11
	Practical	2-5*	—	—	2-5	all day
282	Biochemistry II—Lectures	9	—	10	9	—
	Practical	10-1	9-1	all day	—	—
286	Physiology—Lectures	10	—	—	10	10
	†Practical	2-5(A)	2-5(B)	—	2-5(A)	2-5(B)
292	Bacteriology II—Lectures	11	—	11	—	11
	†Practical	—	9-1	2-5	—	—
		—	2-5(A)	—	2-5(B)	—
297	Genetics II—Lectures	12	—	—	12	10
	Practical	≠	≠	≠	≠	≠

* Genetics lecture and practical work—first term only.
 ≠ Times to be arranged.
 † A candidate must attend Session A or Session B.

FACULTY OF ENGINEERING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
FIRST YEAR COURSES							
201	General Mathematics						
	Lectures	10	10	—	10	—	—
	Tutorial (2 hrs.)	—	—	2-4	—	2-4	—
221	General Physics—Lectures	9	—	9	—	9	—
	Practical (3 hrs.)	—	2-5	2-5	—	—	—
232	Chemistry IA—Lectures	—	9	—	9	—	—
	Practical	—	—	—	—	10-1	—
SECOND YEAR COURSES							
212	Mechanics—Lectures	—	—	9	—	10	—
	Tutorial (1 hr.)	—	—	—	9	11	—
213	Mathematics I (Engineering)						
	Lectures	11	11	—	11	—	—
	Tutorial (1 hr.)	—	—	12	10	—	—
222A	Physics A (Engineering)						
	Lectures	—	12	—	12	12	—
	Practical (3 hrs.)	2-5	—	—	2-5	—	—
222B	Physics B (Engineering)						
	Lectures	—	12	—	12	12	—
	Practical	2-5	—	—	—	—	—
234	Chemistry IIA—Lectures	—	9	12	9	—	—
	Practical	—	—	—	2-5***	9-12†	—
481	Graphics—Lectures	12	—	—	—	—	—
	Practical (3 hrs.)	2-5	2-5	—	—	2-5	—
491	First Aid*—Lectures	≠	≠	≠	≠	≠	≠
	Practical	≠	≠	≠	≠	≠	≠
492	General Engineering—Lectures ..	—	—	10	—	—	—
1214	Workshop Practice—Lectures ..	—	—	11	—	—	—
	Practical (3 hrs.)	2-5	2-5	—	—	2-5	—
1272	Engineering Materials—						
	Lectures	9	10	2-4	—	—	—
	Practical	—	—	—	—	—	—
THIRD YEAR COURSES							
214	Mathematics II (Engineering)						
	Lectures	11	11	—	11	—	—
	Tutorial (1 hr.)	—	—	12	—	12	—
251	Geology I (B. Sc.)—						
	Lectures	—	—	11	—	11	—
	Practical	2-5	—	—	—	—	—
	Tutorial (1 hr.)	11	—	—	—	—	—
251B	Geology I (Engineering)						
	Lectures	—	—	11	—	11	—
	Practical	—	—	9	—	10	—
	Tutorial	—	—	—	12	—	—
436	Strength of Materials—						
	Lectures	—	9	—	9	—	—
	Practical (3 hrs.)	—	—	—	2-5	2-5	—
437	Surveying A—Lectures	—	—	10	—	—	—
	Practical	—	2-5	—	—	—	—
438	Surveying B*—Lectures	11	—	—	—	—	—
	Practical	2-5	—	—	—	—	—
441	Electrical Engineering I—						
	Lectures	—	—	9	10	—	—
	Practical	—	—	11	12	—	—
	Tutorial	—	12	—	2-5	9-12	—
445	Electrical Engineering S—						
	Lectures	12	—	—	10	—	—
	Practical (3 hrs.)	—	—	—	—	2-5	9-12
461	Process Engineering I—Lectures	—	11	—	10*	9	—
467	Applied Physical Chemistry—						
	Lectures	12	—	12	—	—	—
	Practical	—	—	2-5	—	—	—
482	Engineering Drawing and Design						
	Lectures	10	—	—	—	—	—
	Practical (3 hrs.)	2-5	—	—	2-5	—	—
485	Production Technology—						
	Lectures	—	—	9	—	—	—
	Practical	—	—	—	—	9-12	—

*** Third Term only. † First and Second Term only. * One Term only. ≠ Times to be arranged.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
FOURTH YEAR COURSES							
251	Geology I (B.Sc.)—Lectures ..	—	—	11	—	11	—
	Practical ..	2-5	—	—	—	—	—
	Tutorial ..	11	—	—	—	—	—
251B	Geology I (Engineering)						
	Lectures ..	—	—	11	—	11	—
	Practical ..	—	—	9	—	10	—
	Tutorial ..	—	—	—	12	—	—
253	Geology IIA†—						
	Lectures ..	10	10	—	10	—	—
	Practical (6 hrs.) ..	11-1	11	9-11	12	—	—
256	Mining Geology***						
	Lectures ..	—	10	—	10	—	—
	Practical (6 hrs.) ..	11-1	11	9-11	12	—	—
431	Civil Engineering I—						
	Lectures ..	—	9	—	11	—	—
	Drawing Office ..	—	—	—	2-5	—	—
	Laboratory (3 hrs.) ..	2-5	—	9-12	—	—	—
434	Hydraulics—Lectures ..	—	—	—	—	9	—
	Practical (3 hrs.)**	2-5	—	9-12	—	—	—
445	Electrical Engineering S—						
	Lectures ..	12	—	—	10	—	—
	Practical (3 hrs.) ..	—	—	—	—	2-5	9-12
442	Electrical Engineering II—						
	Lectures ..	9	11	—	9	11	—
	Practical ..	10-1, 2-5	—	—	—	—	—
451	Mechanical Engineering I—						
	Part A—Lectures ..	—	12	12	—	12*	—
	††Drawing Office (3 hrs.) ..	—	2-5	2-5	—	—	—
	†Laboratory (3 hrs.) ..	—	2-5	2-5	—	—	—
	Part B—Lectures ..	—	—	—	9**	11††	—
	Laboratory (3 hrs.) ***	—	2-5	2-5	—	—	—
462A	Process Engineering IIA—						
	Lectures ..	11	—	—	11	—	—
	Practical ..	2-5	—	—	—	—	—
462B	Process Engineering IIB—						
	Lectures ..	—	—	—	12	9	—
	Practical ..	—	—	—	—	2-5	—
462C	Process Engineering IIC—						
	Lectures ..	—	—	—	—	11††	—
464	Process Control—Lectures ..	10	—	—	—	—	—
	Practical ..	—	—	—	2-5	—	—
471	Mining Engineering I—Lectures	—	—	11	—	10	—
1008	Surveying IA—Lectures ..	—	—	—	9	—	—
	Practical ..	—	—	—	—	2-5	—
FIFTH YEAR (Provisional only)							
432	Civil Engineering II						
	First Term: Part A—Lectures ..	9	—	—	9, 11	9	—
	Practical ..	—	—	—	—	2-5	—
	Part B—Lectures ..	—	9	9	—	—	—
	Practical ..	10-1, 2-5	2-5	—	—	—	—
	Part C—Project ..	—	—	—	2-5	—	—
	Second Term:						
	Part A—Lectures ..	9	12	—	9	9	—
	Practical ..	—	—	—	—	—	—
	Part B—Lectures ..	—	9	9	—	—	—
	Practical ..	10-1, 2-5	2-5	—	—	—	—
	Part C—Project ..	—	—	—	2-5	2-5	—
	Third Term:						
	Part A—Lectures ..	9	—	—	9	9	—
	Practical ..	—	—	—	2-5	2-5	—
	Part B—Lectures ..	—	9	9	—	—	—
	Practical ..	10-1, 2-5	—	—	—	—	—
	Part C—Project ..	—	2-5	—	—	—	—
443	Electrical Engineering III						
	First Term:						
	Part A—Lectures ..	—	10, 12	—	9, 11	—	—
	Tutorial ..	11	—	—	10	—	—
	Electrical Power ..	—	—	—	—	—	—
	Part B—Lectures ..	—	—	9, 10	—	—	—
	Practical ..	2-5	2-5	—	2-5	—	—
	Tutorial ..	—	—	2	—	—	—

* First Term only. ** Second Term only. *** Third Term only.
 † First and Second Terms. †† Second and Third Terms.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
FIFTH YEAR COURSE (Contd.)							
	Electronics and Communications						
	Part B—Lectures . . .	9	—	—	—	9	—
	Practical . . .	2-5	2-5	—	2-5	—	—
	Tutorial . . .	10	—	—	—	10	—
	Second term:						
	Part A—Lectures . . .	—	11, 12	9	9	—	—
	Tutorial . . .	—	—	—	10	—	—
	Electrical Power						
	Part B—Lectures . . .	—	9	10	—	—	—
	Practical . . .	2-5	2-5	—	2-5	—	—
	Tutorial . . .	—	—	2	—	—	—
	Electronics and Communications						
	Part B—Lectures . . .	9	—	—	—	9	—
	Practical . . .	2-5	2-5	—	2-5	—	—
	Tutorial . . .	10, 11	—	—	—	10	—
	Third term:						
	Part A—Lectures . . .	—	9, 11	—	9	—	—
	Tutorial . . .	11	—	—	10	—	—
	Electrical Power						
	Part B—Lectures . . .	—	—	9, 10	—	—	—
	Practical . . .	—	—	—	—	—	—
	Tutorial . . .	—	—	—	—	—	—
	Electronics and Communications						
	Part B—Lectures . . .	9	—	—	—	9	—
	Practical . . .	—	—	—	—	—	—
	Tutorial . . .	10	—	—	—	10	—
444	Electrical Engineering Project						
	Seminars . . .	—	—	—	—	2-5	—
	Project *** . . .	2-5	2-5	—	2-5	—	—
452	Mechanical Engineering II						
	First term:						
	Part A—Lectures . . .	10	10, 12	10	9	—	—
	Practical . . .	—	—	—	2-5	—	—
	Part B—Lectures . . .	9	9, 11	9, 11	—	—	—
	Practical . . .	—	—	—	2-5	11, 2-5	—
	Part C—Project and						
	Seminars . . .	2-5	—	—	—	9-11	—
	Second Term:						
	Part A—Lectures . . .	10	10, 12	10	—	—	—
	Practical . . .	—	—	—	9-12, 2-5	—	—
	Part B—Lectures . . .	—	11	9, 11	—	—	—
	Practical . . .	2-5	—	—	9-12, 2-5	11, 2-5	—
	Part C—Project and						
	Seminars . . .	—	—	—	—	9-11	—
	Third Term:						
	Part A—Lectures . . .	10	—	—	—	—	—
	Practical . . .	—	—	—	—	—	—
	Part B—Lectures . . .	—	—	—	—	—	—
	Practical . . .	2-3	—	—	—	11, 2-5	—
	Part C—Project and						
	Seminars . . .	—	9-1, 2-5	—	2-5	9-11	—
461A	Extractive Metallurgy (Mining)						
	Lectures . . .	—	—	—	—	9	—
463A	Process Engineering IIIA						
	Lectures . . .	—	10	9	—	—	—
	Practical (4 hrs.) . . .	2-5	—	—	10-1, 2-5	10-1, 2-5	—
	Tutorial . . .	—	11	—	—	—	—
463B	Process Engineering IIIB						
	Lectures . . .	—	9	—	—	—	—
	Practical (3 hrs.) . . .	—	—	—	—	10-1, 2-5	—
463C	Process Engineering IIIC						
	Lectures . . .	—	—	10, 11	—	—	—
463D	Process Engineering IIID						
	Project (12 hrs.) . . .	9-1, 2-5	—	—	10-1, 2-5	10-1, 2-5	—
466	Mineral Dressing—						
	Lectures . . .	—	—	—	9	9	—
	Practical† . . .	—	2-5	—	—	—	—
	Seminar*** . . .	—	2-4	—	—	—	—
467	Ore Dressing—Lectures . . .	—	11	—	—	—	—
	Practical* . . .	—	2-5	—	—	—	—
472	Mining Engineering II—						
	Lectures . . .	11	10	—	10	—	—
	Practical (12 hrs.) . . .	10, 12, 2-5	9	12	11-1, 2-5	—	—
493	Industrial Engineering—Lectures						
	Lectures . . .	—	—	—	12	12	—
1271	Assaying—Practical . . .	—	—	9-12	—	—	—

* First Term only. *** Third Term only. † First and Second Terms.

FACULTY OF AGRICULTURAL SCIENCE

FIRST YEAR

Chemistry I }
 General Physics } 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
235	Chemistry II—Lectures	—	—	12	4	9
364	Botany IIB	10-1, 2-5	9-1	9	—	2-5
251	Geology I	—	2-5	11	—	11
366	Genetics IA—Lecture	9	—	—	—	—
	Practical (2 hrs.)*	—	—	—	9-11 (A) 2-4 (B)	—

* A candidate must attend Session (A) or (B).

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 Biochemistry I	—	—	—	9-1	—
379	Soil Science I	9-1	—	—	—	—
373	Biometry (1st Term)	—	9-11	—	—	2-4
378	Agricultural Botany (2nd and 3rd Terms)	—	9-1	—	—	—
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	—	—	—	—	—
383	Farm Engineering	—	—	—	—	—
398	Farm Demonstrations	—	—	—	—	—

Lectures are given at Roseworthy Agricultural College on Wednesday.

FOURTH YEAR

All subjects, except Genetics II and Animal Husbandry II, are given at the Waite Institute.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
156	Agricultural Economics	—	—	4	9	—
387	Agriculture III—Lectures	9	9	—	—	—
388	Practical	10-1, 2-5	10-1	—	10-1	—
394	Horticulture	10-1, 2-5	—	—	10-1	—
297	Genetics II—Lectures	12	—	—	12	10
393	Practical	10-1, 2-5	—	—	10-1	—
391	Agricultural Biochemistry II	—	2-5	9-1, 2-4	—	—
396	Plant Breeding	—	2-5	9-1, 2-4	—	—
389	Entomology II	—	2-5	9-1, 2-4	—	—
395	Animal Husbandry II	—	—	—	2-5	10-1, 2-5
392	Plant Pathology II	—	2-5	—	—	10-1, 2-5
392	Soil Science II	—	—	—	2-5	10-1, 2-5

DIPLOMA IN PHYSIOTHERAPY

FIRST YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Anatomy I	Anatomy I (Histology)** Anatomy I†		Anatomy I (Histology)	Anatomy I
10	Social Psychology			Massage and Treatments (Practical)	
11			Theory of Movement I		
12	Anatomy I (Embryology)*	Anatomy I (Histology)		Anatomy I (Histology)	Anatomy I (Embryology)*
1					
2	Physics	Anatomy I (Histology)* (Neurology) (Practical)†† (2-4)		Anatomy I (Histology) (Practical)* (2-4)	Physiology †† (2-5)
3	Massage and Treatments (Theory)				
4		Physiology*		Physiology*	

* First and Second Terms **First Term only. †Second and Third Terms †† Third Term only

SECOND YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9					Pathology
10		Anatomy II (Neurology) (1½ terms)		Anatomy II (Neurology) (1½ terms)	
10.30	Treatments (Theory)		Practice of Hospital Work I at Q.V.M. (10.30-12)		Massage and Treatments (Practical)
11		Theory of Movement II			Anatomy II
12	Anatomy II				Practice of Hospital Work I at R.A.H. (1-5)
1	Practice of Hospital Work I at R.A.H. (1-5)		Practice of Hospital Work I at R.A.H. (1-5)		
1.30				Theory of Movement II (Neuro-muscular re-education)†	
2		Electrotherapy (2-4)			

† Second and Third Terms.

DIPLOMA IN PHYSIOTHERAPY—Continued

THIRD YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Practice of Hospital Work II (all day)		Practice of Hospital Work II (all day)		Practice of Hospital Work II (all day)
1.30					
2		Theory of Movement III (Neuro-muscular re-education)		Theory of Specialised Treatments	
2.45					
3.30		Theory of Specialised Treatments (Medical Lectures)		Theory of Movement III (Neuro-muscular re-education)	
4					
4.30		Electrotherapy		Theory of Specialised Treatments (Surgical Lectures)	

NOTE: 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.

FACULTY OF MEDICINE

FIRST-YEAR COURSE

	Monday	Tuesday	Wednesday	Thursday	Friday
Physics—Lectures	12	9	12	—	—
Practical (3 hrs.)	9-12	—	—	—	2-5
Tutorials	—	—	4	—	—
Chemistry—Lectures	—	10	—	10	10
Practical (3 hrs.)	9-12, 2-5	—	—	—	2-5
Biology—Lectures	—	11	10	—	—
*Practical (5 hrs.)	—	2-5 (A)	2-5 (A)	11-5 (B)	—
Medicine and the Humanities	≠	≠	≠	≠	≠

* Candidates attend either sessions (A) or sessions (B). ≠ Times to be arranged.

DIPLOMA IN PHYSICAL EDUCATION

To be arranged in consultation with the Senior Lecturer-in-Charge,

DIPLOMA IN SOCIAL STUDIES

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
150	Social Economics	5.15	—	—	5.15	—
151	Economics I	5.15	—	—	5.15	—
81	Psychology I—Lectures	10 or 6.15	—	—	10 or 6.15	—
	Laboratory	—	2.15-4.15* 6.15-8.15*	2.15-4.15*	—	—
269	Biology—Lectures	—	11	10	—	—
	Practical	—	2-5	2-5	—	—
	or					
	Lectures	—	—	6.15	—	6.15
	Practical	—	—	7.15-9.45	—	7.15-9.45
801	Human Biology	—	4	—	4	—
836	Social Work I—Lectures	—	—	—	9, 2	—
	Visits of Observation	—	—	—	—	2.5**
	Group Observations	—	—	—	—	5.30-7.30†
61	Politics I	—	7.15	—	—	7.15
52	History IB	9	—	9	—	—
55	History IIB	6.15	—	—	6.15	—
154	Economic Development I	—	—	6.15	6.15	—
83	Psychology IIB—Lectures	4.15	4.15	—	—	—
	Psychometrics	—	5.15	—	—	—
	Laboratory	—	—	4.15-6.15 6.45-7.45	—	—
843	Physiology	—	4	—	4**	—
807	Human Nutrition	—	12	—	—	—
846	Social Work II—Lectures	2, 5	2	—	—	—
	Clinical Sessions	Times to be arranged				
851	Social Organisation	1 hour to be arranged				
852	Sociology	2 hours to be arranged				
856	Social Work III—Lectures	3-4	3	—	—	—
	Field Work	9-1	9-1	9-1	9-1	9-1
	Clinical Sessions	Times to be arranged				
859	Field Work—First Year	Six continuous weeks after annual examinations				
	Second Year	Six continuous weeks after annual examinations				
	Third Year	Ten continuous weeks after annual examinations				

* Alternatives; ** First and second terms. † Second term.

NOTE: Individual tutorials will be arranged.

FACULTY OF DENTISTRY

FIRST-YEAR COURSE

	Monday	Tuesday	Wednesday	Thursday	Friday
Physics—Lectures	12	9	12	—	—
Practical (3 hrs.)	9-12	—	—	—	—
Tutorials	—	—	4	—	—
Chemistry—Lectures	—	10	—	10	10
Practical (3 hrs.)	9-12, 2-5	—	—	—	2-5
Biology—Lectures	—	11	10	—	—
*Practical (5 hrs.)	—	2-5 (A)	2-5 (A)	11-5 (B)	—
Dental Materials and Technics I	≠	≠	≠	≠	≠

* Candidates attend either sessions (A) or sessions (B).

≠ Times to be arranged.

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	— — — —
269	Biology	All	—	—	6.15-9.45	—	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 2, 3 2, 3	— — —	11 11 —	— — 2, 5	11 2 —	— — —
	Practical	2, 3	—	—	2, 5	—	—
	Practical Sessions: Sterilization and Aseptic Techniques		Times to be arranged				
782	Forensic Pharmacy	1, 2 —	— —	— —	— —	3.30 —	— —
783	Pharmacy Organization	1, 2	—	2	—	—	—
		2, 3	—	—	—	9	—
791	PHARMACY IV (791, 793, 794, 795): Pure Pharmacology—Lectures ..	1 2, 3 2, 3	— — —	12 12 —	— — 7.30	12 — —	— — —
	Practical	2, 3	—	—	7.30	—	—
	Bacteriology	1	—	—	7.30	—	—
793	Nutrition	2, 3	—	—	—	12	—
794	Organic Medicinals	All	—	—	12	—	—
795	Social Biology	3	—	4	—	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							Times to be arranged				
695	The Scope of School Music I ..											
696	The Scope of School Music II ..											
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							Times to be arranged				
709	Drama II											
710	Drama III											
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	—	Times to be arranged		12	—	—
748	Methods of Teaching	—	Times to be arranged		—	—	—

FACULTY OF ARCHITECTURE AND TOWN PLANNING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST YEAR SUBJECTS:						
901	Building Construction I	—	9	—	—	—
902	Mathematics—Lectures	10	10	—	10	—
	Tutorials	—	—	2-4	—	—
903	Building Science I—Lectures	—	—	10	—	—
	Laboratory	—	—	11-1	—	—
904	History of Architecture I	9	—	—	—	—
905	Architectural Design and Planning I	—	11	—	—	—
906	Architectural and Free Drawing	—	—	—	12	—
SECOND YEAR SUBJECTS:						
911	Building Construction II	—	—	9	—	—
912	Structures I	—	—	10	—	—
913	Building Science II—Lectures	—	10	—	—	—
	Laboratory	—	11-1	—	—	—
914	History of Architecture II	10	—	—	—	—
915	Architectural Design and Planning II	—	—	11	—	—
THIRD YEAR SUBJECTS:						
921	Building Construction III	—	—	—	9	—
922	Structures II—Lectures	—	11	—	10	—
	Laboratory	—	12	—	—	—
923	Building Science III—Lectures	9	—	12	—	—
	Laboratory	10-12	—	—	—	—
924	Professional Practice I	—	—	—	—	11
925	Architecture Surveying—Lectures	12	—	—	—	—
	Practical	2-5	—	—	—	—
926	Architecture Design and Planning III	—	—	—	11	—
FOURTH YEAR SUBJECTS:						
931	Building Construction IV	—	—	—	—	9
932	Structures III—Lectures	—	—	—	—	10
	Laboratory	—	—	2-4	—	—
933	Building Science IV—Lectures	—	—	—	10	—
	Laboratory	—	—	9	11-1	—
934	Professional Practice II	—	—	—	—	12
935	Town and Country Planning and Civic Design	—	—	12	—	—
	Seminars	11	—	—	—	—
FIFTH YEAR SUBJECTS:						
941	Structures IV—Lectures	—	10	—	—	—
	Laboratory	—	—	—	11-1	—
942	Building Science V—Lectures	—	—	—	—	10
	Laboratory	—	—	—	—	11
943	Professional Practice III	—	12	—	—	—
	Seminars	—	—	—	—	9 or 12

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 latter part of the course.

INDEX

	Page
A	
Absence, Leave of - - - - -	177
Academic Dress, Statute - - - - -	196
Acts of Parliament Relating to University - - - - -	11
Adam, D. B., Memorial Prize - - - - -	- 88, 299
Adelaide Chamber of Commerce Prize, The - - - - -	319
Adelaide Children's Hospital—	
Staff of Clinical Teachers - - - - -	76
Rules for the Admission of Medical Students - - - - -	616
Adelaide Hospital (See under Royal Adelaide Hospital)	
<i>Ad Eundem</i> , Admission - - - - -	188
Admission to Degrees - - - - -	188
Adult Education, Board of, Director and Staff, Classes - - - - -	49, 52, 286
Advisory Committee of University and Royal Adelaide Hospital - - - - -	32
Aeronautical Engineering, Sydney Course in - - - - -	590
Aeronautics, A. M. Simpson Library in - - - - -	- 84, 221
Affiliation—	
To Universities of Cambridge and Oxford - - - - -	280
Of Aquinas College - - - - -	234, 279
Of Lincoln College - - - - -	245, 280
Of Roseworthy Agricultural College - - - - -	208
Of St. Ann's College - - - - -	230, 278
Of St. Mark's College - - - - -	224, 277
Of S.A. Institute of Technology - - - - -	228
Agricultural Science—	
Bachelor and Master of - - - - -	580, 583
Faculty of - - - - -	44, 185
Graduates' and Undergraduates' Association - - - - -	361
Matriculation for - - - - -	178
Syllabus - - - - -	786
Agricultural Chemistry, Waite Professor of - - - - -	59
Agricultural Engineering, Melbourne Course in - - - - -	590
Agronomy, Waite Professor of - - - - -	59
Aitken, George, Pastoral Research Trust - - - - -	90
Albright and Wilson, Prize in Chemical Engineering Design - - - - -	306
Alderman, Eugene, Scholarships - - - - -	- 84, 219, 262
Almanac for 1960 and 1961 (January-March) - - - - -	33
Alumni, Commemoration of - - - - -	276
Anatomy and Histology, Elder Professor of - - - - -	63
Anders and Reimers Scholarships - - - - -	- 87, 238, 263
Angas Engineering Scholarship and Exhibitions - - - - -	- 190, 191, 300
Angas, Hon. J. H., Endowments - - - - -	83
Anglican Society, Adelaide University - - - - -	356
Animal Ecology Unit—	
Gift - - - - -	90
Staff - - - - -	58
Animal Products Research Foundation - - - - -	49, 84, 222
Anthropological Board and Society - - - - -	49, 53, 362
Anti-Cancer Campaign, Executive Committee, Officers, Donations, Activities - - - - -	50, 69, 87, 88, 93, 275
Applied Science, Holders of Diplomas in - - - - -	158
Appointments Board—	
Statute - - - - -	224
Members - - - - -	50
Aquinas College - - - - -	- 94, 234, 279
Aquinas Society, Adelaide University - - - - -	357
Architecture—	
Bachelor of and Master of - - - - -	648, 651
Donations towards establishment of School of - - - - -	93
Matriculation for - - - - -	178
Professor of - - - - -	68
Society, Adelaide University - - - - -	362
Syllabus - - - - -	868
Architecture and Town Planning—	
Faculty of - - - - -	- 46, 186

INDEX

	Page
Arts—	
Associate in Arts and Education - - - - -	560
Bachelor and Master of - - - - -	553, 563
Faculty of - - - - -	43, 53, 182
Matriculation for - - - - -	178
Overseas Scholarships in - - - - -	295
Syllabus of Subjects - - - - -	703
Arts Association - - - - -	359
Asbestolite Pty. Ltd., Award in Architecture - - - - -	324
Assistant Registrar (Academic) - - - - -	51
Assistant Registrar (Finance) - - - - -	51
Association of Universities of the British Commonwealth - - - - -	283
Auditors - - - - -	52
Australasian Institute of Cost Accountants, Prize - - - - -	322
Australian Atomic Energy Commission—	
Post-graduate Studentships - - - - -	328
Undergraduate Scholarships - - - - -	328
Australian Commonwealth Engineering Standards Association, University Representatives on - - - - -	82
Australian Dental Association (S.A. Branch) Prize - - - - -	318
Australian Institute of Agricultural Science Prize - - - - -	299
Australian Journal of Experimental Biology and Medical Science, Editors and Particulars - - - - -	49, 364
Australian Linguistics, Reader in - - - - -	53
Australian Society of Accountants—	
Annual Lecture - - - - -	284
Exemption from Institute's Examinations - - - - -	282
Prizes - - - - -	321
Australian Student Christian Movement, University of Adelaide - - - - -	356
Australian Wool Board—Gifts - - - - -	89
Ayers, Ernest, Scholarship - - - - -	221, 296
B	
Bacteriology (See under Microbiology)	
Bagot, Lucy Josephine, Prize - - - - -	235, 263
Bagot, John, Scholarship and Medal - - - - -	84, 212, 296
Bagot, W. H., Gift to Found a Prize - - - - -	86
Baillieu Research Scholarships - - - - -	88, 332
Baker, R. C., Endowment and Scholarship - - - - -	87, 244
Barker, John, Endowment and Scholarship - - - - -	88, 317
Barr Smith—	
Endowments and Gifts - - - - -	83, 84, 85, 86, 87, 88
Library—Staff, Statute, Particulars and Rules - - - - -	52, 223, 681
Prize for Greek - - - - -	288
Travelling Scholarship in Agriculture - - - - -	246, 300
Barrans Scholarship - - - - -	86, 233, 298
Bateman, Mrs. L. E.—Bequest - - - - -	86
Bedford Park Sanatorium—Staff and Rules for Students - - - - -	617
Benefactors and Benefactions - - - - -	83-95
Benham, F. Lucas—Bequest - - - - -	86
Bennett, R. W.—Endowment and Prizes - - - - -	85, 230, 307
Bequests - - - - -	83-88
Bevan, Frederick, Scholarship - - - - -	87, 245, 268
Biochemistry and General Physiology, Professor of - - - - -	58
Birks, Napier, Room—	
Gifts to Furnish, Rules of - - - - -	90, 685
Boarding-houses - - - - -	17
Boards—	
Adult Education - - - - -	49, 52, 286
Anthropological Research - - - - -	49
Appointments—Members and Statute - - - - -	50, 224
Discipline—Members and Statute - - - - -	48, 189
Examiners—Statute - - - - -	187
Pharmacy—Members and Statute - - - - -	47, 206
Physical Education—Members and Statute - - - - -	47, 206
Physiotherapy—Members and Statute - - - - -	48, 206
Research Studies - - - - -	48
Social Studies—Members and Statute - - - - -	47, 206

INDEX

	Page
Bonython, Sir Langdon, Endowments - - - - -	85
Bonython, Miss Edith, Endowment - - - - -	86
Bonython Family, Gift of Electronic Organ - - - - -	90
Bonython Prize, Statute and Awards - - - - -	225, 307
Booth, Anna Florence, Prize - - - - -	-86, 231, 294
Borthwick, Thomas L., Memorial Prize - - - - -	-87, 311
Botany, Professor of - - - - -	57
B.M.A. (Section of Chemical Medicine) Prize - - - - -	313
B.M.A., Gifts for Books - - - - -	88
Braund, Olive E., Gift - - - - -	88
British Passenger Lines—Free Passage Scheme - - - - -	350
British Psychological Society Prize - - - - -	294
Broken Hill Proprietary, Endowment, Gifts - - - - -	86
Bundey Prize for English Verse - - - - -	-84, 213, 290
Bursaries, Education Department - - - - -	340
Business Administration, Summer School of - - - - -	287
Byard Prize - - - - -	-88, 289
By-Laws Act - - - - -	28

C

Cable Makers' Association Prize - - - - -	303
Cairns, Sir Hugh, Memorial Prize - - - - -	309
Cambridge University, Affiliation to - - - - -	280
Campbell, A. J. N. P., Endowment - - - - -	87
Campbell, Christopher and John, Prize - - - - -	-87, 310
Cancer Committee, Officers, Donations, Activities - - - - -	50, 69, 87, 88, 93, 275
Carnegie Corporation—Gifts - - - - -	89, 91
Chairman of Council and of Senate - - - - -	-15, 249
Chamber of Manufactures Prize in Electronic Control - - - - -	304
Chamber of Manufactures Prize in Cost Accountancy - - - - -	323
Chancellor—	
Act and Statute - - - - -	-14, 174
Present and Past - - - - -	-42, 70
Chapman, Sir Robert, Prize - - - - -	230, 301
Chapman Memorial Scholarship - - - - -	-86, 327
Chemistry—	
Angas Professor of Physical and Inorganic Chemistry - - - - -	-56, 176
Organic Chemistry, Professor of - - - - -	56
Recognition by Royal Institute of - - - - -	282
Child Health, Professor of - - - - -	65
Children's Hospital (See under Adelaide Children's Hospital)	
Civil Engineering—	
Courses in - - - - -	-585, 592-597
Professor of - - - - -	61
Clark, Alexander, Memorial Prize - - - - -	-84, 215, 262
Clark, E. V., Prize - - - - -	302
Clark, The John Howard, Prize - - - - -	-83, 193, 289
Classics, Hughes Professor of - - - - -	-53, 83
Classical Association of South Australia, The - - - - -	362
Cleland, J. B., Prize - - - - -	-87, 311
Clerk of Senate - - - - -	-42, 249
Colonial Office Applications, Board and Appointments - - - - -	-50, 349
College of General Practitioners Prize, The - - - - -	314
Commerce—	
Diploma in, Holders - - - - -	153
Joseph Fisher Medal and Lecture in - - - - -	83, 207, 283, 321
Professor of - - - - -	55
Syllabus - - - - -	756
Commercial Certificate, Holders of Advanced - - - - -	153
Commercial Travellers' Association Scholarship and Bursary—	
The Eric Smith Scholarship - - - - -	-83, 195, 334
The Archibald Mackie Bursary - - - - -	-84, 195, 321
Commonwealth Bank, Grant to Waite Institute - - - - -	85
Commonwealth Post-graduate Awards - - - - -	345
Commonwealth Scholarships - - - - -	338
Concessions in Fees—Commonwealth and State Public Services - - - - -	350
Conduct at Examinations—Statute - - - - -	196

INDEX

	Page
Conservatorium of Music, The Elder—	
Fees - - - - -	259
Staff of - - - - -	66
Regulations and Rules - - - - -	257, 259
Scholarships and Prizes - - - - -	260
Library - - - - -	683
Cornish, Elsie Marion, Prize - - - - -	- 87, 297
Council—	
Statute - - - - -	174
Election of Members by Senate - - - - -	- 13, 250
Members of - - - - -	12, 13, 42
Members of, Appointment by Parliament - - - - -	12, 13, 42
Vacancies in - - - - -	13
Creswell Scholarships - - - - -	- 84, 214, 320
Culross, William, Prize - - - - -	- 87, 347
D	
Darling, John, Gifts by Family of - - - - -	- 84, 85
Davey, Miss E. A., Endowment - - - - -	88
Davies, E. Harold, Scholarship for Organ - - - - -	- 87, 242, 265
Davies, Natalia, Prize - - - - -	- 87, 292
Davies-Thomas, Scholarships - - - - -	- 83, 199, 311
Davy, Dr. Ruby, Prize - - - - -	- 88, 266
Degrees—	
Statute - - - - -	188
Letters Patent - - - - -	9
Acts - - - - -	11
de Mole, Violet, Memorial Fund and Prize - - - - -	- 87, 291
Dental Board of South Australia Prize and Scholarship - - - - -	318
Dental Science and Dental Surgery—	
Degrees, Regulations - - - - -	621
Faculty of Dentistry - - - - -	- 45, 185
Lecturers in - - - - -	65
Matriculation - - - - -	178
Professor of Dental Science - - - - -	65
Students' Society - - - - -	359
Syllabus - - - - -	831
Deputy Chancellor, Statute of - - - - -	174
Deputy Vice-Chancellor - - - - -	42
Diploma—	
In Arts and Education, Holders and Regulations - - - - -	167, 560
In Applied Science, Holders - - - - -	158
In Commerce, Holders - - - - -	153
In Economics and Political Science, Holders - - - - -	162
In Education, Holders, Regulations and Syllabus - - - - -	- 158, 562, 740
In Forestry, Holders - - - - -	158
In Music, Holders, Regulations and Syllabus - - - - -	- 151, 629, 842
In Pharmacy, Holders, Regulations and Syllabus - - - - -	- 162, 641, 851
In Physical Education, Holders, Regulations and Syllabus - - - - -	- 161, 642, 856
In Physiotherapy, Holders, Regulations and Syllabus - - - - -	- 166, 646, 863
In Public Administration, Holders and Regulations - - - - -	157, 639
In Social Science, Holders - - - - -	165
In Social Studies, Holders, Regulations and Syllabus - - - - -	- 166, 644, 860
Diplomas and their Boards of Studies, Statute - - - - -	206
Discipline, Board of, and Statute - - - - -	- 48, 189
Donnithorne, William, Awards - - - - -	- 87, 327
Dress, Statute of Academic - - - - -	196
Dublin University, Recognition by - - - - -	282

INDEX

Page

E

Economic Geology—Professor of	-	-	-	-	-	57
Economic Society of Australia and New Zealand	-	-	-	-	-	362
Economic Society Prize	-	-	-	-	-	320
Economics—						
Degrees, Regulations	-	-	-	-	-	565
Faculty of	-	-	-	-	-	46, 186
Gollin, George, Professor of	-	-	-	-	-	55
Matriculation for	-	-	-	-	-	178
Overseas Scholarships in	-	-	-	-	-	295
Syllabus	-	-	-	-	-	748
Education—						
Associate in Arts and Education, Holders and Regulations	-	-	-	-	-	167, 560
Committee, Members of	-	-	-	-	-	43
Diplomas in—Holders, Regulations, Syllabus	-	-	-	-	-	158, 562, 740
Of Children of Deceased Soldiers	-	-	-	-	-	82, 351
Professor of	-	-	-	-	-	54
Elder Conservatorium of Music—See “Conservatorium”						
Elder Conservatorium Free Scholarship	-	-	-	-	-	261
Elder Old Scholars’ Association Prize	-	-	-	-	-	265
Elder Overseas Scholarship	-	-	-	-	-	269
Elder Prize	-	-	-	-	-	310
Elder Scholarship and Awards—Conservatorium of Music	-	-	-	-	-	260
Elder, Sir Thomas, Endowments, Gifts	-	-	-	-	-	83, 88
Election of—						
Members on Advisory Committee of Council and Hospital Board	-	-	-	-	-	32
Members of Council	-	-	-	-	-	13
Warden and Clerk of Senate	-	-	-	-	-	249
Electricity Trust Prize in Electrical Power Engineering	-	-	-	-	-	303
Electricity Trust of South Australia Prize	-	-	-	-	-	303
Electrical Engineering—						
Courses in	-	-	-	-	-	585, 592-598
Professor of	-	-	-	-	-	61
Endowments—						
List of	-	-	-	-	-	83-88
By Act of Parliament	-	-	-	-	-	17
Engineering—						
Angas Scholarship and Exhibitions	-	-	-	-	-	190, 191, 300
Bachelor and Master of	-	-	-	-	-	585, 588
Details of Subjects	-	-	-	-	-	590, 794
Faculty of	-	-	-	-	-	44, 184
Matriculation	-	-	-	-	-	178
Professors of	-	-	-	-	-	61
Society, Adelaide University	-	-	-	-	-	361
English Language and Literature, Jury Professor of	-	-	-	-	-	53, 84
Enrolment of Students, Statute	-	-	-	-	-	201
Entomology, Waite Professor of	-	-	-	-	-	175
Evangelical Union, Adelaide University	-	-	-	-	-	357
Evening Lectures and Studentships	-	-	-	-	-	287, 344
Everard Scholarship	-	-	-	-	-	83, 194, 312
Examination Regulations—						
Conduct at Examinations	-	-	-	-	-	196
Dates of Entry	-	-	-	-	-	33-41
See also under each degree and diploma.						
Examiners, Board of	-	-	-	-	-	187
Exclusion of Students	-	-	-	-	-	203
Exemption from Attendance at Lectures — See under each degree and diploma.						
Exhibition of 1851—Scholarships and Bursaries	-	-	-	-	-	346
Experimental Medicine, Keith Sheridan Professor of Former	-	-	-	-	-	72

INDEX

Page

F

Faculties—		
Members of - - - - -		43-47
Statute of - - - - -		182
Faulding Scholarships, for Medicine and Dentistry - - - - -		316, 318
Fauna and Flora Board, Representatives on - - - - -		82
Fees—		
Authority to Charge - - - - -		15
Concessions to Officers of Public Services - - - - -		350
Table of - - - - -		671
Fenner, Charles, Prize - - - - -		- 88, 295
Final Certificate in Law, Holders and Regulations of - - - - -		150, 600
Finance Committee, Members of - - - - -		43
Fisher, Joseph, Medal and Lecture, The—		
Endowment - - - - -		83
Statute - - - - -		207
List of Lectures, 1929-1958 - - - - -		283
Awards of Medal - - - - -		321
Fletcher, Roby, Prize - - - - -		- 83, 199, 293
Forestry—		
Degree in B.Sc. in - - - - -		575
Diploma in, Holders - - - - -		158
Former Chancellors and Other Officers - - - - -		70-72
Forwood Down Prize in Mechanical Engineering, The - - - - -		305
Free Passages - - - - -		350
Free Places for Diploma in Physical Education - - - - -		644
French Language and Literature, Professor of - - - - -		53

G

Gardner, William, Scholarship and Prize - - - - -		- 86, 231, 314
Cartrell, James, Prize - - - - -		- 85, 288
Genetics, Professor of - - - - -		59
General Motors-Holden's—		
Endowment - - - - -		86
Post-graduate Research Fellowship - - - - -		331
Geography, Professor of - - - - -		54
Geology and Mineralogy, Professor of - - - - -		57
George, M. Rees, Prize in French - - - - -		- 85, 290
Gepp, Thomas, Prize - - - - -		- 87, 309
Gerard Prize - - - - -		302
German, Reader in - - - - -		53
Gifts - - - - -		88-95
Gosse, The Dr. Charles, Lecturer and Medal - - - - -		64, 83, 219, 312
Government Bursaries - - - - -		340
Government Evening Studentships - - - - -		344
Governor (State), Powers of - - - - -		17
Gowrie Scholarship Trust Fund - - - - -		347
Graduates' Union - - - - -		352
Graduates—		
List of - - - - -		96
In Honours Courses - - - - -		146
Grainger, Rose, Orchestral Fund - - - - -		85
Grant, Annual, by H.M. Government Act - - - - -		17, 22-25

H

Hannon, T. D., Prize - - - - -		- 88, 317
Hardwicke College Prize, Endowment - - - - -		85
(For Rules, see Public Examinations Manual.)		
Hartley Studentship - - - - -		- 83, 200, 337
Hastings Endowment - - - - -		87
Heuzenroeder, Mrs. H. L., Donation - - - - -		87
History, Professor of - - - - -		53
History and Political Science, Professor of - - - - -		54
Hoffman, La Roche Prizes (see Roche Products Ltd.)		
Hone, Dr. F. S., Endowment - - - - -		- 87, 311

INDEX

	Page
Hone, F. S., Memorial Prize	313
Hospitals—See separate entry for each one.	
Hübbe, Edith, and Harriet Cook, Prize	- 86, 290
Hughes, Hugh, Endowment	86
Hughes, Sir W. W., Endowment	83
Human Physiology and Pharmacology, Professor of	58
Humes Prize in Civil Engineering, The	301
I	
I.C.I.A.N.Z. Research Fellow and Fellowship	325
I.C.I. Ltd., Gifts	88
Incompetent Students, Statute	203
Incorporation, Act of	12
Infectious Diseases, Statute	211
Institute of Chartered Accountants—	
Prize	322
Recognition	282
Institute of Cost Accountants, Prize	322
Institute of Medical and Veterinary Science—Rules for Students	616
Institute of Technology, Affiliation to University	228
International Association of Universities	283
J	
Jackson, Elizabeth, Library	- 85, 223
Jefferis Memorial Medal—Rules and Awards	- 84, 293
Jenkins, J. E., Endowment and Statute	- 86, 239
Johns, Fred, Scholarship for Biography	- 85, 227, 292
Johnson, R. L., Endowment	85
Joint Colleges' Appeal	94-95
Jury, Mrs. G. A., Endowment	84
K	
Knightsbridge School Old Scholars	86
L	
Laboratories, Rules of	684
Laboratory Testing	685
Laffer, Miss A. I., Endowment	- 87, 292
Land Act, 1929	25
Lands of University	19
Late Entries, Enrolments and Examinations	177, 202
Law—	
Faculty of	- 45, 183
Final Certificate, Holders and Regulations of	150, 600
Matriculation	178
Students' Society	360
Laws—	
Bachelor, Master and Doctor of	600, 609
Bonython, Professor of	- 62, 84
Rules of Supreme Court	604
Syllabus	816
Leave of Absence, Statute	177
Leaving and Honours Bursaries—Regulations	340
Lecturers—	
<i>Honoris causa</i>	72
Staff and Statute	- 53, 175
Letters, Doctor of, Regulations	564
Letters Patent	9
Lewis, John, Prize	294
Library—	
Committee	48
Staff	52
Gifts to	- 83, 84, 85, 91
Rules	681
Music	683
A. M. Simpson, in Aeronautics	221
Barr Smith, Statute	223
Jackson, Elizabeth	223

INDEX

	Page
Licentiate in Music, Teachers and Executants - - - - -	365
Lienau Scholarship - - - - -	- 88, 272
Lincoln College - - - - -	82, 94, 245, 280
Lines, Eva, Scholarship (or Prize) - - - - -	- 87, 369
Lister Prize - - - - -	- 84, 216, 313
Loan Fund, Students - - - - -	- 351
Lokan Prize, Endowment, Rules and Awards - - - - -	- 86, 301
Lowrie Scholarships - - - - -	211, 298
Lutheran Student Fellowship - - - - -	- 358
Lykke, Athol, Memorial, Endowment - - - - -	- 88
Post-graduate Award - - - - -	- 271

M

Mackie, Archibald, Bursary - - - - -	- 84, 195, 321
Magarey, Guli, Fund and Scholarship - - - - -	- 87, 267
Mareeba Babies' Hospital—Staff and Rules for Students - - - - -	- 80, 617
Marks, George Richard, Bequest - - - - -	- 84
Martin, The Annie Montgomerie, Prize and Medal (see P.E.B. Manual).	
Mathematical Physics, Professor of - - - - -	- 56
Mathematical Statistics, Professor of - - - - -	- 55
Mathematics, Applied, Professor of - - - - -	- 55
Mathematics, Pure, Elder Professor of - - - - -	55, 83, 175, 176
Matriculation—Board and Statute - - - - -	- 48, 178
McMeikan, Mrs. E., Endowment - - - - -	- 85
Mechanical Engineering—	
Courses in - - - - -	- 585, 592-598
Professor of - - - - -	- 61
Medals—	
Bagot - - - - -	- 84, 212, 296
Bennett - - - - -	- 85, 230, 307
Fisher - - - - -	- 83, 207, 321
Gosse - - - - -	- 83, 219, 312
Jefferis - - - - -	- 84, 293
Jewell-Thomas - - - - -	- 88, 305
Lister - - - - -	- 84, 216, 313
Martin, Annie Montgomerie (see P.E.B. Manual).	
Royal Institute of Public Administration - - - - -	- 323
Shorney - - - - -	- 86, 232, 314
Stow - - - - -	- 83, 194, 307
Tate - - - - -	- 83, 297
Tennyson (see P.E.B. Manual).	
Medical—	
Board of South Australia, University Representative on - - - - -	- 82
Curriculum Committee - - - - -	- 49
Research, Executive Committee - - - - -	- 48
Research Grants Committee - - - - -	- 316
Science, Honours Degree of Bachelor of - - - - -	- 617
Sciences Club - - - - -	- 363
Students' Society, Adelaide University - - - - -	- 360
Medicine—	
Bachelor of - - - - -	- 610
Doctor of - - - - -	- 619
Faculty of - - - - -	- 45, 183
Lecturers in - - - - -	- 62
Matriculation - - - - -	- 178
Mortlock, Professor of - - - - -	- 63
Post-graduate Committee in - - - - -	- 49
Syllabus - - - - -	- 823
Melrose, John, Endowment - - - - -	- 85
Metallurgy, Course in - - - - -	- 585, 594, 658, 666
Michell, Gwendoline, Foundation - - - - -	- 64, 87
Microbiology—	
Donations towards establishment of Chair of - - - - -	- 94
Professor of - - - - -	- 58

INDEX

	Page
Milne, Kenneth and Hazel, Travelling Scholarship - - -	- 88, 248, 324
Mining and Metallurgical Bursaries - - -	348
Mining, Metallurgical and Chemical Engineering, Professor of - - -	62
Mining, Engineering, Course in - - -	585, 594
Miscellaneous—Statute - - -	201
Mitchell, Sir Mark, Endowment and Donations - - -	85, 89, 90
Mitchell, Sir William, Gifts and Endowments - - -	- 86, 89
Monsanto Chemicals, Gifts - - -	90
Mortlock Benefactions—	
Mrs. R. F. Mortlock - - -	86
J. T. Mortlock - - -	85, 87
Mrs. J. T. Mortlock - - -	90
Murray, The Hon. Sir George, Gifts and Endowment - - -	83, 84, 86, 89
Murray, Miss M. T., Bequest - - -	85
Murray Scholarships, David - - -	- 84, 210, 333
Murray, George, Scholarships (Overseas) - - -	325
Music—	
Bachelor and Doctor of - - -	634, 638
Diploma of Associate, Holders and Regulations - - -	151, 629
Elder Conservatorium of, Staff - - -	66
Elder Professor of - - -	66
Faculty of - - -	- 46, 184
Public Examinations in - - -	364
Public Examinations, Scholarships and Prizes - - -	365
Syllabus - - -	842
Myers, Sewell, Bequest - - -	88
N	
National Films Board, University Representatives on - - -	82
Neale Bequest - - -	85
Nickel Mines of Australia, Gift - - -	90
Night Lectures - - -	287, 903
Nitrogen Fertilizers Ltd., Donation - - -	89
Northfield Wards—Staff and Rules for Students - - -	- 76, 617
Non-Graduating Students - - -	200
Notes to Candidates for the Degree of Doctor of Philosophy - - -	656
Nuffield Foundation Gift - - -	90
O	
Obstetrics and Gynaecology, Professor of - - -	64
Officers of the University - - -	51-69
Orchestral Scholarships - - -	268
Organic Chemistry, Professor of - - -	56
Other Universities, Scholarships - - -	348
Overseas Scholarship in Arts and Economics - - -	295
Oxford University, Affiliation to - - -	280
P	
Parkside Mental Hosiptal, Staff - - -	81
Parliament—	
Acts Relating to University - - -	11
Statutes, etc., to be laid before - - -	- 16, 19
Members on Council - - -	12, 13, 42
Parsons, Angas, Prize - - -	235, 308
Pathology, Marks Professor of - - -	63
Pfizer Prize in Gynaecology - - -	315
Pharmaceutical Society of S.A., Inc., Donations - - -	89
Pharmaceutical Students' Association - - -	361
Pharmacy, Diploma in—	
Board - - -	- 47, 206
Holders of - - -	162
Lecturers - - -	68
Regulations - - -	641
Syllabus - - -	851

INDEX

	Page
Philips Electrical Industries—	
Post-graduate Scholarships in Physics - - - - -	299
Prize in Electronics - - - - -	304
Prize in Elements of Electronics - - - - -	304
Philosophy—	
Degree of Doctor of - - - - -	653
Hughes Professor of - - - - -	- 17, 20, 54, 83
Physical and Inorganic Chemistry, Angas Professor of - - - - -	56, 83, 176
Physical Education—	
Board of Studies in - - - - -	- 47, 206
Department of - - - - -	69
Holders of Diploma in - - - - -	161
Regulation of Diploma in - - - - -	642
Syllabus - - - - -	856
Physics, Elder Professor of - - - - -	56, 83
Physiology (Human) and Pharmacology, Professor of - - - - -	58
Physiotherapy—	
Board of Studies - - - - -	- 48, 206
Holders of Diploma in - - - - -	166
Lecturers in - - - - -	69
Regulations of Diploma in - - - - -	646
Syllabus - - - - -	863
Plant Pathology, Reader in - - - - -	60
Plant Physiology, Reader in - - - - -	60
Post-graduate Committee in Medicine - - - - -	49
Price, Archibald Grenfell, Prize - - - - -	- 88, 294
Prizes—See under Scholarships.	
Professors—	
Statute - - - - -	175
Former - - - - -	70
Psychology, Professor of - - - - -	54
Public Administration, Diploma in—	
Holders - - - - -	157
Regulations - - - - -	639
Public Examinations—	
Board—See Public Examinations Manual.	
Music - - - - -	364
Public Lectures Committee - - - - -	48
Public Services, Concessions to Officers of - - - - -	350
Puddy, Maude, Scholarship - - - - -	- 88, 270
Q	
Queen Elizabeth Hospital—Staff, Advisory Board Representatives - - - - -	- 79, 82
Queen Victoria Maternity Hospital—Staff and Rules for Students - - - - -	- 78, 616
Queen Victoria Maternity Hospital, Advisory Board Representatives - - - - -	82
Quorum of Council and of Senate - - - - -	- 15, 249
R	
Raven, Mrs. J. F., Endowment - - - - -	87
Recognition by other Universities and Institutions - - - - -	282
Registrar—	
Present - - - - -	51
Former - - - - -	72
Statute - - - - -	177
Regulations for all Degrees and Diplomas - - - - -	551
Reid, Kate Gilmore, Prize in Physiotherapy - - - - -	324
Reid, S. McGregor, Endowments - - - - -	88
Religion, Ministers of, on Council - - - - -	12
Religious Test—None - - - - -	17
Rennie Memorial Scholarship - - - - -	- 85, 226, 297
Representatives on Various Boards - - - - -	82
Research, Executive Committee - - - - -	48
Research Grant, University - - - - -	351
Research Studies, Board of - - - - -	48
Residence of Undergraduates - - - - -	16
Residential Colleges - - - - -	277

INDEX

	Page
Rhodes Scholarship - - - - -	345
Robin Memorial Lecture - - - - -	- 87, 285
Roche Products Ltd. Prize - - - - -	315
Rockefeller Foundation, Gifts - - - - -	90
Roseworthy Agricultural College, Affiliation - - - - -	208
Royal Adelaide Hospital—	
To be Medical and Dental School - - - - -	31
Staff of Clinical Teachers - - - - -	72
University Representatives on Advisory Committees - - - - -	32, 82
Rules for Admission of Dental Students to Practice of - - - - -	625
Rules for Admission of Medical Students to Practice of - - - - -	615
Royal Institute of Chemistry, Recognition by - - - - -	282
Royal Institute of Public Administration Medal and Prize - - - - -	323
Rules of Library and of Laboratories - - - - -	681, 684
Russell, Selborne Moutray, Scholarship - - - - -	- 86, 235, 263

S

St. Alban Scholarship - - - - -	- 83, 334
St. Ann's College - - - - -	82, 94, 230, 278
St. Mark's College - - - - -	82, 94, 224, 277
Saving Clause and Repeal - - - - -	198
Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals—	
Adam, D. B., Memorial Prize - - - - -	- 88, 299
Adelaide Chamber of Commerce - - - - -	319
Albright and Wilson, Prize in Chemical Engineering Design - - - - -	306
Alderman, Eugene - - - - -	- 84, 219, 262
Anders and Reimers Scholarships - - - - -	- 87, 238, 263
Angas Engineering Scholarship - - - - -	190, 300
Angas Engineering Exhibitions - - - - -	191, 300
Arts, Overseas Scholarships in - - - - -	295
Asbestolite Pty. Ltd., in Architecture - - - - -	324
Australasian Institute of Cost Accountants - - - - -	322
Australian Atomic Energy Commission—	
Post-graduate Studentship - - - - -	328
Undergraduate Scholarship - - - - -	328
Australian Dental Association (S.A. Branch) - - - - -	318
Australian Institute of Agricultural Science - - - - -	299
Australian Society of Accountants - - - - -	321
Ayers, Ernest, in Botany or Forestry - - - - -	221, 296
Bagot, John - - - - -	- 84, 212, 296
Bagot, Lucy Josephine - - - - -	235, 263
Baillieu Research Scholarships - - - - -	- 88, 332
Baker Scholarship in Law - - - - -	- 87, 244
Barker, John - - - - -	- 88, 317
Barrans, James - - - - -	- 86, 233, 298
Barr Smith, for Greek - - - - -	288
Barr Smith Travelling Scholarship - - - - -	246, 300
Bennett, R. W., Prizes and Medal - - - - -	- 85, 230, 307
Bevan, Frederick - - - - -	- 87, 245, 268
Bonython - - - - -	225, 307
Booth, Anna Florence - - - - -	- 86, 231, 294
Borthwick, Thomas L. - - - - -	- 87, 311
B.M.A. (Section of Clinical Medicine) - - - - -	313
British Psychological Society Prize - - - - -	294
Bunday, for English Verse - - - - -	- 84, 213, 290
Byard - - - - -	- 88, 289
Cable Makers' Association - - - - -	303
Cairns, Sir Hugh, Memorial - - - - -	309
Campbell, Christopher and John - - - - -	- 87, 310
Chamber of Manufactures Prize in Cost Accountancy - - - - -	323
Chamber of Manufactures Prize in Electronic Control - - - - -	304
Chapman, Sir Robert - - - - -	230, 301
Chapman Memorial - - - - -	- 86, 327
Clark, Alexander - - - - -	- 84, 215, 262
Clark, E. V., Prize for Electrical Engineering - - - - -	302
Clark, John Howard - - - - -	- 83, 193, 289

INDEX

	Page
Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals (cont.)—	
Cleland, J. B. - - - - -	- 87, 311
College of General Practitioners - - - - -	314
Commonwealth Post-graduate Awards - - - - -	345
Commercial Travellers' Association - - - - -	- 83, 84
Commonwealth Scholarships - - - - -	338
Cornish, Elsie Marion - - - - -	- 87, 297
Creswell, John - - - - -	- 84, 214, 320
Culross, William - - - - -	- 87, 347
Davies, E. Harold, for Organ - - - - -	- 87, 242, 265
Davies, Natalia - - - - -	- 87, 292
Davies-Thomas, Dr. - - - - -	- 83, 199, 311
Davy, Dr. Ruby - - - - -	- 88, 266
de Mole, Violet - - - - -	- 87, 291
Dental Board of S.A. Prize - - - - -	318
Dental Board of S.A. Research Scholarship - - - - -	318
Donnithorne, William - - - - -	- 87, 327
Economic Society - - - - -	320
Elder (first year of Medical Course) - - - - -	310
Elder Conservatorium - - - - -	260
Elder Conservatorium Free Scholarship - - - - -	261
Elder Old Scholars' Association - - - - -	265
Elder Overseas Scholarship - - - - -	269
Electricity Trust Prize in Electrical Power Engineering - - - - -	303
Electricity Trust of South Australia - - - - -	303
Evening Studentships - - - - -	344
Everard - - - - -	- 83, 194, 312
Exhibition, 1851 - - - - -	346
Faulding Scholarship in Dentistry - - - - -	318
Faulding Scholarship in Experimental Pharmacology - - - - -	316
Fenner, Charles, Prize - - - - -	- 88, 295
Fisher, Joseph, Medal - - - - -	- 83, 207, 321
Fletcher, Roby - - - - -	- 83, 199, 293
Forwood Down - - - - -	305
Free, Elder Conservatorium - - - - -	261
Gardner, William - - - - -	- 86, 231, 314
Gartrell, James - - - - -	- 85, 288
General Motors-Holden's—	
Post-graduate Research Fellowship - - - - -	331
George, M. Rees - - - - -	- 85, 290
Gepp, Thomas - - - - -	- 87, 309
Gerard Prize - - - - -	302
Gosse Memorial Medal - - - - -	- 83, 219, 312
Government Bursaries - - - - -	340
Government Evening Studentships - - - - -	344
Gowrie - - - - -	347
Hannon, T. D. - - - - -	- 88, 317
Hardwicke College Prize (see P.E.B. Manual). - - - - -	
Hartley Studentship - - - - -	- 83, 200, 337
Hoffman la Roche (see Roche Products Ltd.). - - - - -	
Hone, F. S. - - - - -	313
Hübbe, Edith and Harriet Cook - - - - -	- 86, 290
Humes Prize in Civil Engineering - - - - -	301
I.C.I.A.N.Z. Research Fellowship - - - - -	325
Institute of Chartered Accountants - - - - -	322
Institute of Cost Accountants - - - - -	322
Jefferis Memorial - - - - -	- 84, 293
Jenkins, J. E., Scholarship - - - - -	- 86, 239
Johns, Fred - - - - -	- 85, 227, 292
Leaving and Leaving Honours Bursaries - - - - -	340
Lewis, John - - - - -	294
Lienau - - - - -	- 88, 272
Lines, Eva - - - - -	- 87, 369
Lister - - - - -	- 84, 216, 313
Lokan - - - - -	- 86, 301
Lowrie - - - - -	211, 298

INDEX

	Page
Scholarships, Exhibitions, Bursaries, Grants, Prizes and Medals (cont.)—	
Lykke, Athol - - - - -	- 88, 271
Mackie, Archibald, Bursary - - - - -	- 84, 195, 321
Magarey, Guli - - - - -	- 87, 267
Martin, Miss (See P.E.B. Manual).	
Medical Research Committee - - - - -	316
Milne, Kenneth and Hazel, in Architecture - - - - -	- 88, 248, 324
Mining and Metallurgical - - - - -	348
Murray, David - - - - -	- 84, 210, 333
Murray, George (Overseas) - - - - -	325
Music, Public Examinations - - - - -	365
Other Universities - - - - -	348
Orchestral - - - - -	268
Overseas Scholarships in Arts and Economics - - - - -	295
Parsons, Angas - - - - -	235, 308
Pfizer - - - - -	315
Philips Electrical Industries—	
Post-graduate Scholarship in Physics - - - - -	299
Prize in Electronics - - - - -	304
Prize in Elements of Electronics - - - - -	304
Price, Archibald Grenfell, Prize - - - - -	- 88, 294
Puddy, Maude - - - - -	- 88, 270
Reid, Kate Gilmore - - - - -	324
Rennie - - - - -	- 85, 226, 297
Rhodes - - - - -	345
Roche Products Ltd. - - - - -	315
Royal Institute of Public Administration - - - - -	323
Russell, Selborne Moutray - - - - -	- 86, 235, 263
St. Albans - - - - -	- 83, 334
Science Research Exhibition of 1851 - - - - -	346
Scott, Andrew, Memorial Prize - - - - -	- 84, 288
Services Canteens Trust Fund - - - - -	347
Shell Company of Australia Ltd.—	
Post-graduate Scholarships - - - - -	330
Prize in Economics - - - - -	320
Prize in Mechanical Engineering - - - - -	305
Sheridan Research Grant (see Medical Research Committee Grants).	
Shorney Medal and Prize - - - - -	- 86, 232, 314
Skipper, Justin - - - - -	- 86, 308
Smith, Eric - - - - -	- 83, 195, 334
Stow Prizes, Medal and Scholarship - - - - -	- 83, 194, 306
Strong, Sir Archibald, Memorial Prize - - - - -	- 87, 239, 290
Tate Medal - - - - -	- 83, 297
Tennyson Medals (see P.E.B. Manual).	
Tew, Professor - - - - -	319
Thomas, Gladys Lloyd - - - - -	- 87, 240, 264
Thomas, Rutter, Jewell - - - - -	- 88, 305
Thompson, George, Bursary in Commerce - - - - -	- 85, 223, 321
Thornber Bursary - - - - -	- 85, 224
Tinline - - - - -	- 83, 209, 292
Tormore Prize - - - - -	- 84, 289
United Nations Prize - - - - -	- 85, 336
Varley Scholarship - - - - -	- 86, 237, 263
Watson, Archibald - - - - -	- 85, 228, 312
Weimar-Ohlstrom - - - - -	291
Whinham, Robert, for Elocution - - - - -	- 83, 264
Williams, Clement Q., Memorial Prize - - - - -	- 88, 272
Wilson Travelling Scholarship in Obstetrics - - - - -	- 86, 229, 315
Wilton, J. R., Prize - - - - -	- 88, 298
Wyeth Prize - - - - -	315
Young, John L. - - - - -	- 84, 217, 334
Young, John Lorenzo - - - - -	- 84, 217, 320
Scholarships, etc., tenable at other Australian Universities - - - - -	348

INDEX

	Page
Science—	
Association, Adelaide University - - - - -	361
Bachelor, Master and Doctor of - - - - -	571, 577, 579
Faculty of - - - - -	43, 183
Matriculation for - - - - -	178
Syllabus - - - - -	760
Scott, Andrew, Memorial Prize - - - - -	84, 288
Seal of University - - - - -	177
Senate—	
Casting Vote - - - - -	15, 252
Chairman - - - - -	15, 249
Quorum - - - - -	15, 249
Standing Orders - - - - -	249
Statute - - - - -	174
Warden, Clerk, Members - - - - -	42, 96
Services Canteen Trust Fund, Post-graduate Scholarship - - - - -	347
Shaughnessy, T. P., Donation - - - - -	87
Shell Company of Australia Ltd.—	
Post-graduate Scholarships - - - - -	330
Prize in Economics - - - - -	320
Prize in Mechanical Engineering - - - - -	305
Sheridan, Miss Keith, Bequest - - - - -	84
Sheridan Research Grants (see Medical Research Committee Grants).	
Sheridan Prizes, Library, Endowment - - - - -	85
Shorney Medal, Library and Prize - - - - -	86, 88, 232, 314
Simpson, A. M., Library in Aeronautics - - - - -	84, 221
Simpson-Sheridan Bequest - - - - -	84, 85
Skipper, Justin, Prize - - - - -	86, 308
Smith, Eric, Scholarship - - - - -	83, 195, 334
Social Science, Holders of Diploma in - - - - -	165
Social Studies—	
Board of Studies in - - - - -	47, 206
Department of - - - - -	69
Holders of Diploma in - - - - -	166
Regulations for Diploma in - - - - -	644
Students' Association - - - - -	362
Syllabus - - - - -	860
Societies Associated with the University - - - - -	352
Soldiers' Children Education Board - - - - -	351
Special Examinations, Statute - - - - -	205
Sports Association, Adelaide University - - - - -	355
Sports Grounds - - - - -	356
Staff of—	
Hospitals - - - - -	72-81
Elder Conservatorium of Music - - - - -	66
University - - - - -	51-69
Waite Agricultural Research Institute - - - - -	59
Staff Club, Gift to - - - - -	89
Standing Orders of the Senate - - - - -	249
Statistics of Students—See Annual Report.	
Statutes - - - - -	172
Statutory Fee - - - - -	205
Stow Prizes and Scholar - - - - -	83, 194, 306
Strong, Sir Archibald, Memorial Prize - - - - -	87, 239, 290
Studentships, Evening - - - - -	287, 344
Students' Loan Fund - - - - -	351
Students' Representative Council, Adelaide University - - - - -	354
Students' Union, Donations - - - - -	91
Students—	
Exclusion of, Statute - - - - -	203
Non-graduating, Statute - - - - -	200
Incompetent, Statute - - - - -	203
Loan Fund - - - - -	351
Study Leave Committee - - - - -	48
Summer School of Business Administration - - - - -	287
Supreme Court, Rules for Admitting Practitioners - - - - -	604

INDEX

	Page
Surgery—	
Bachelor and Master of - - - - -	610, 620
Professor of - - - - -	64
Syllabus - - - - -	823
Syllabus of Subjects for Degrees and Diploma Courses - - - - -	701

T

Tate Medal - - - - -	- 83, 297
Technology—	
Bachelor of - - - - -	658
Faculty of - - - - -	- 47, 186
Staff - - - - -	68
Matriculation - - - - -	178
S.A. Institute of, Affiliation - - - - -	228
Syllabus - - - - -	873
Tennyson Medals (see P.E.B. Manual).	
Terms, Statute of - - - - -	177
Testing, by Engineering Laboratory - - - - -	685
Tew, Professor, Prize in Economics - - - - -	319
Thomas, Gladys Lloyd, Scholarship - - - - -	- 87, 240, 264
Thomas, Rutter Jewell—	
Endowment - - - - -	88
Prize and Medal - - - - -	305
Thompson, George, Bursary in Commerce - - - - -	- 85, 223, 321
Thornber Bursary, Endowment and Statute - - - - -	- 85, 224
Time-tables of Lectures - - - - -	899
Tinline Scholarship - - - - -	- 83, 209, 292
Tormore Prize - - - - -	- 84, 289
Traffic By-Laws, Act - - - - -	28
Treasurer (Former) - - - - -	70
Trinity College, Dublin, Recognition by - - - - -	282
Tutors in Medical and Dental Schools - - - - -	63-66

U

Union, Adelaide University, Staff, Donations, etc. - - - - -	52, 85, 91, 353
United Nations Prize (formerly League of Nations Prize) - - - - -	- 85, 336
University Acts - - - - -	11
University Air Squadron - - - - -	359
University Colleges—	
Aquinas - - - - -	234, 279
Lincoln - - - - -	- 82, 245, 280
St. Ann's - - - - -	- 82, 230, 278
St. Mark's - - - - -	- 82, 224, 277
Joint Appeal - - - - -	94
University Land Act, 1929 - - - - -	25
University Regiment - - - - -	358
University Research Grant - - - - -	351
University Squadron - - - - -	359
Urrbrae Estate—See under Waite.	

V

Vacancies in Council - - - - -	- 12, 13
Vacations - - - - -	177
Varley Scholarship - - - - -	- 86, 237, 263
Verco, Sir Joseph, Endowments - - - - -	85
Vice-Chancellor, Act and Statute - - - - -	- 14, 174
Vice-Chancellor, Deputy - - - - -	42
Vice-Chancellors, Present and Former - - - - -	42, 51, 70
Victoria Drive Fence - - - - -	88
Visitor - - - - -	17, 42
Vote of Chairman (Council and Senate) - - - - -	15

INDEX

Page

W

Waite Agricultural Research Institute - - - -	18, 59, 84, 87, 88, 274
Waite, Misses L. and E., Gifts - - - - -	88
Warden of the Senate - - - - -	14, 42, 249
Watson, Archibald, Prize - - - - -	85, 228, 312
Way, The Dr. Edward Willis, Lecturer in Gynaecology - - - - -	64, 83
Way College Old Collegians, Prize (see P.E.B. Manual).	
Weimer-Ohlstrom Prizes - - - - -	291
Whinham Prize for Elocution - - - - -	83, 284
Williams, Clement Q., Memorial Prize - - - - -	88, 272
Wills, K. A., Gift of Portrait of Sir Douglas Mawson - - - - -	90
Wilson Travelling Scholarship in Obstetrics - - - - -	86, 229, 315
Wilton, J. R., Prize - - - - -	88, 298
Wyeth Prize - - - - -	315

Y

Young, Gavin David, Lectures - - - - -	87, 243
Young, John L., Scholarship for Research - - - - -	84, 217, 334
Young, John Lorenzo, Scholarship - - - - -	84, 217, 320

Z

Zoology, Professor of - - - - -	57
---------------------------------	----