

CALENDAR

OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR

1955

ADELAIDE

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1955

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**OF**  
**THE UNIVERSITY OF ADELAIDE**  
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## PREFACE

The University of Adelaide owes its origin to an act of far-seeing and generous self-denial. In 1872, Mr. (afterwards Sir) Walter Watson Hughes offered an endowment of £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. On the occasion of the Jubilee of the University in 1926 the Government gave to the University a new building which cost about £50,000 for the Departments of Physics and Engineering, and parliamentary grants for general and special purposes of the University, apart from the annual subsidy of five per cent. on endowments, amounted in all to about £507,000 (including the Commonwealth grant of about £125,000) in 1953.

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, Law, Medicine, Dentistry and Music, and diplomas in Education, Physical Education, Commerce, 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 1954 the University had conferred 6,768 degrees and 3,062 diplomas by examination, and 563 degrees and 15 diplomas by admission *ad eundem gradum*; in 1954 there were 2,137 undergraduates, 928 non-graduating students, and 421 post-graduate students, apart from the 560 students at the Elder Conservatorium of Music; and the staff of four professors in 1876 had grown to thirty-one professors, about 130 full-time readers, senior lecturers and lecturers, and nearly 150 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, 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. And over three financial years beginning in 1947 the State Parliament granted a further £210,000 to enable the University to complete the final unit—a new building for Geology—in a building programme which affected every Faculty.

In 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 more 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 daughter Elizabeth Macmeikan—an estate and gifts valued at about £120,000 to advance the cause of education in Agriculture, Forestry and allied subjects;

The family of the late John Darling—£15,000 for a building for the Medical School, and £10,000 for a laboratory for soils research at the Waite Institute;

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

Mrs. Jane Marks—£30,000 endowment for the Medical school;

Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—£20,900 (estimate) for the advancement of Medical research (subsequently increased by capitalisation of £10,000 accumulated income).

The Hon. Sir Langdon Bonython—£20,000 to endow the Chair of Law, and £52,000 for a Great Hall;

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

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

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

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

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

Miss M. T. Murray—£53,300 (estimate) for general purposes;

- Sir George Murray—£10,000 for a Men's Union Building, and £79,700 (estimate) for general purposes;
- Edward Neale—£29,000 (estimate) for Medical Research;
- Mrs. R. F. Mortlock and Mr. J. T. Mortlock—£25,000 for research into soil erosion and the regeneration of pastures; a bequest of £5,000 from Mrs. R. F. Mortlock for cancer research; and £20,000 from Mr. J. T. Mortlock for scientific research in the Medical School.
- Sir William Mitchell—£20,000 to endow the Chair of Biochemistry, and £5,000 for the purchase of books for the Library;
- F. Lucas Benham—£51,400 (estimate) to encourage the study of natural history;
- Hugh Hughes—£35,100 (estimate) for pastoral research;
- The Broken Hill Pty. Co. Ltd.—£15,000 to endow the Chair in Mining and Metallurgy, £10,000 towards founding a Chair in Economic Geology, and £5,000 towards founding Chairs in Electrical and Mechanical Engineering;
- North Broken Hill Ltd., £17,500, and Broken Hill South Ltd. and The Zinc Corporation Ltd., each £10,000 towards founding a Chair in Economic Geology.
- W. H. Sandland—£15,000 for the work of the Waite Agricultural Research Institute.
- 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.
- T. E. Barr Smith, Jnr.—nearly £14,000 to establish a scholarship tenable at Cambridge.

The University is governed by a Council, which until 1911 consisted of 20 members elected by the Senate, one-quarter retiring every year, but being eligible for re-election. Since 1911, under an amending Act passed in that year, the State Parliament has appointed from among its own members five additional members of the Council who hold office during the life of the Parliament appointing them. And if the Chancellor and the Vice-Chancellor are not members of the Council at the time of their election or appointment, they thereupon become *ex-officio* members. The Council thus now consists of 27 in all.

The Senate consists of all graduates holding a degree of Master or Doctor and all other graduates of three years' standing. All Statutes and Regulations must be passed both by the Council and by the Senate and be approved by the Governor of South Australia, who is *ex-officio* Visitor to the University.

## LETTERS PATENT

*Dated 22nd March, 1881*

Victoria, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith, Empress of India: To all to whom these Presents shall come, greeting.

WHEREAS, under and by virtue of the provisions of three Acts of the Legislature of South Australia, respectively known as "The Adelaide University Act," "The Adelaide University Act Amendment Act," and "The University of Adelaide Degrees Act," a University consisting of a Council and Senate has been incorporated and made a body politic with perpetual succession, under the name of "The University of Adelaide," with power to grant the several Degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music and Doctor of Music.

And whereas the Chancellor, Vice-Chancellor, and Council of the said University, by their humble petition under the common seal of the University, have prayed Us to the effect following (that is to say):

To grant Our Letters Patent, declaring that the aforesaid Degrees already conferred or hereafter to be conferred by the University of Adelaide shall be recognised as academic distinctions and rewards of merit, and be entitled to rank, precedence, and consideration within Our Dominions as fully as if the said degrees had been conferred by any University in Our United Kingdom of Great Britain and Ireland and that such recognition may extend to Degrees conferred on women.

Now know ye that We, having taken the said petition into Our Royal consideration, do, by virtue of Our prerogative and of Our special grace, certain knowledge, and mere motion, by these presents, for Us Our heirs and successors, will and ordain as follows:

I. The degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music, and Doctor of Music, heretofore granted or conferred and hereafter to be granted or conferred by the said University of Adelaide on any person, male or female, shall be recognised as academic distinctions and rewards of merit, and be entitled to rank, precedence, and consideration in Our United Kingdom and in Our Colonies and Possessions throughout the world, as fully as if the said Degrees had been granted by any University of Our said United Kingdom.

II. No variation of the constitution of the said University which may at any time, or from time to time be made by any Act of the Legislature of South Australia shall in any manner annul, abrogate, circumscribe, or diminish the privileges conferred on the said University by these Our Letters Patent, nor the rank, rights, privileges, and considerations conferred by such Degrees, so long as the standard of knowledge now established, or a like standard, be preserved as a necessary condition for obtaining the aforesaid Degrees.

III. Any such standard shall be held sufficient for the purposes of these Our Letters Patent if so declared in any proclamation issued by Our Governor of South Australia for the time being.

In witness whereof We have caused these Our Letters to be made Patent. Witness Ourselves at Westminster, the 22nd day of March, in the Forty-fourth year of Our Reign.

By warrant under the Queen's Sign Manual.

PALMER.

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## SUPPLEMENTARY CHARTER

For Recognising Degrees in Surgery and Engineering

*Dated 2nd September, 1913*

George the Fifth by the Grace of God of the United Kingdom of Great Britain and Ireland and of the British Dominions beyond the Seas King Defender of the Faith Emperor of India: To all to whom these presents shall come, greeting.

WHEREAS Her late Most Gracious Majesty Queen Victoria by Charter under the Great Seal of the United Kingdom of Great Britain and Ireland bearing date at Westminster the 22nd day of March 1881 in the forty-fourth year of Her Reign did will grant and declare that the Degrees of Bachelor of Arts Master of Arts Bachelor of Medicine Doctor of Medicine Bachelor of Laws Doctor of Laws Bachelor of Science Doctor of Science Bachelor of Music and Doctor of Music theretofore granted or conferred and thereafter to be granted or conferred by the University of Adelaide on any person male or female should be recognised as Academic distinctions and rewards of merit and be entitled to rank precedence and consideration in the United Kingdom and in the Colonies and Possessions thereof throughout the world as fully as if the said Degrees had been granted by any University in the said United Kingdom And whereas Our trusty and well beloved Sir Day Hort Bosanquet Knight Grand Cross of The Royal Victorian Order Knight Commander of The Most Honourable Order of the Bath Governor of our State of South Australia hath forwarded to Us through one of our Principal Secretaries of State a petition from the University of Adelaide dated 31st day of January 1913 praying for an extension of the said Charter of the 22nd day of March 1881 and for the recognition of Degrees in Surgery and Engineering already conferred or hereafter to be conferred by the said University.

And whereas under and by virtue of the provisions of an Act of the Legislature of South Australia No. 441 of 1888 the short title whereof is "The Degrees in Surgery Act" the University of Adelaide is now empowered to confer the Degrees of Bachelor and Master of Surgery and whereas under and by virtue of another Act of the said Legislature No. 1058 of 1911 the short title whereof is "The Adelaide University Act Amendment Act 1911" the said University is now empowered to confer the Degrees of Bachelor of Engineering and



Master of Engineering NOW KNOW YE that we taking the premises into consideration do will grant and declare

1. That the Degrees of Bachelor and Master in Surgery and Bachelor and Master in Engineering heretofore granted or conferred or hereafter to be granted or conferred by the University of Adelaide shall be recognized as Academic distinctions and rewards of merit and be entitled to rank precedence and consideration in Our United Kingdom and in Our Colonies and Possessions throughout the world as fully as if the said Degrees had been granted by any University in Our said United Kingdom.

2. No variation of the constitution of the said University which may at any time or from time to time be made by any Act of the Legislature of South Australia shall in any manner annul abrogate circumscribe or diminish the privileges conferred on the said University by these Our Letters Patent nor the rank rights privileges and considerations conferred by such lastly-mentioned Degrees so long as the standard of knowledge now established or a like standard be preserved as a necessary condition for obtaining the aforesaid lastly-mentioned Degrees.

3. Any such standard shall be held sufficient for the purposes of these Our Letters Patent if so declared in any proclamation issued by our Governor of South Australia for the time being.

In witness whereof we have caused these Our Letters to be made Patent.

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

By Warrant under the King's Sign Manual

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UNIVERSITY OF ADELAIDE ACT, 1935.

No. 2228.

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

(Assented to 5th December, 1935.)

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

Short Title

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

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

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

### Interpretation

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

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

### Incorporation and Continuance of University

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

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

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

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

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

### The Council

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

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

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

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

#### Election of Members of Council by Senate

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

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

#### Election of Members of Council by Parliament

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

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

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

#### Time of Appointment and Tenure of Office

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

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

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

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

#### Filling of Vacancies

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

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

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

**Election of Chancellor and Vice-Chancellor**

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

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

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

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

**Constitution of Senate**

13. (1) The Senate shall consist—

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

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

**Election of Warden**

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

**Conduct of Business**

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

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

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

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

#### Chairmanship of Council and Senate

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

#### Management of the University

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

#### Power to Make Statutes

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

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

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

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

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

#### Power to Confer Degrees

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

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

#### Residence of Undergraduates During Terms.

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

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

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

#### No Religious Test to be Administered

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

#### Governor to be Visitor

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

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

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

#### Annual Grant to University

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

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

(2) The grants shall be applied as a fund—

- (a) for maintaining the University;
- (b) for paying the salaries of the professors, lecturers, examiners, officers, and servants of the University;

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

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

#### Grants for Agricultural Research

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

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

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

#### Conditions of Grant

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

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

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



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

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

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

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

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

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

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

#### Annual Report

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

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

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

#### University to be Exempt from Land Tax

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

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

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

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

#### Trusts in Relation to Certain University Land

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

#### Validation of Degrees and Statutes and Regulations

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

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

#### THE FIRST SCHEDULE

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

#### THE SECOND SCHEDULE

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

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

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

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UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

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

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

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

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

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

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

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

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UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

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

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

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

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

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

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

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

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

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### THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

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

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

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

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

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### UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

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

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

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

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

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

"University grounds" means—

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

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

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

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



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

18b. No by-law shall be made—

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

18c. (1) Every by-law—

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

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

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

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

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

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

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

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

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

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

#### BY-LAWS MADE UNDER THE UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

1. In these by-laws—

“Authorised person” means a person appointed by the Council to be an authorised person for the purposes of section 18a of the University of Adelaide Act Amendment Act, 1950, and these by-laws;

“Council” means the Council of the University of Adelaide;

“Road” includes way and track;

“University” means the University of Adelaide;

“University grounds” means—

(a) the lands in the City of Adelaide and in the Municipality of Mitcham which are used by the University for purposes of education or scientific research or both;

(b) the Waite Park in the Municipality of Mitcham; and includes

- (c) all roads, ways, tracks, paths, open spaces and buildings on, and appurtenances to the said lands and park;
- “Vehicle” includes any motor car, motor truck, motor cycle, carriage, cart, bicycle, or other vehicle of whatsoever kind or nature and howsoever ridden, driven, or propelled.
2. (1) No person shall wilfully trespass on the University grounds.  
(2) Every person reasonably suspected by an authorised person of trespassing on University grounds shall give his name and address to that authorised person upon being requested so to do.  
(3) Any person reasonably suspected by an authorised person of trespassing on the University grounds shall forthwith leave the University grounds if requested to do so by that authorised person.
  3. (1) The Council may set apart a place or places in the University grounds where vehicles may be parked or left, and specify the hours during which vehicles may be parked or left in such places, and the person or class of persons entitled to park or leave their vehicles in such place or places respectively, and the maximum period for which any vehicle may be parked or left therein.  
(2) No person unless exempted in writing by the Council or its delegate from the requirements of this by-law shall park or leave any vehicle on the University grounds except in accordance with this by-law.  
(3) The Council may from time to time appoint a delegate to give exemptions under this by-law.
  4. Any authorised person may remove any vehicle from the University grounds without assigning any reason.
  5. (1) The Council may direct that certain specified roads within the University grounds shall be used for one-way traffic only.  
(2) On any such road vehicles shall be driven only in the direction specified by the Council and indicated by notices displayed on the road.
  6. (1) The Council may direct that any of the entrances to the University grounds (to be specified by the Council) shall be reserved for outward traffic only or for inward traffic only. At every such entrance a notice shall be displayed indicating what traffic is allowed.  
(2) No person shall drive any vehicle contrary to any such direction.
  7. No person shall without the consent of the Council or its delegate drive any vehicle into or permit any vehicle to be or remain upon the University grounds unless for some purpose of University business or University education.
  8. No person shall drive any vehicle within the University grounds at a speed exceeding fifteen miles an hour.

9. No person shall drive any vehicle on the University grounds in a dangerous or careless manner.

10. No person unless authorised by the Architect supervising any University works shall drive on the University grounds any vehicle which when laden exceeds four tons in weight.

11. No person shall use any motor vehicle on the University grounds in such manner as to cause undue noise.

12. When the Council has fixed a speed limit for any specified road within the University grounds and notices are posted on such road indicating such speed limit, no person shall drive any vehicle on such road at any higher speed.

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

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

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

14. No person shall on the University grounds use any indecent language or be guilty of any disorderly conduct. Any authorised person may remove from the University grounds persons guilty of disorderly conduct or indecent language thereon.

15. No person shall in the way of disorderly conduct throw, place, deposit, or leave on the University grounds any rubbish, refuse, paper, bottles, or glass (broken or otherwise), or any litter of any kind or nature whatsoever.

16. No person shall interrupt any lecture or any meeting by any noise or unseemly behaviour on the University grounds.

17. (1) No person shall, without the permission of the Council or its delegate, bring any intoxicating liquor into or keep or consume any liquor upon the University grounds.

(2) Any authorised person may remove from the University grounds any intoxicated person and may search the University grounds and vehicles thereon for alcoholic liquor and may seize any liquor reasonably suspected of having been brought on to the University grounds contrary to this by-law.

(3) The Council may confiscate any liquor brought on to the University grounds contrary to this by-law, and thereupon such liquor shall become the property of the University.

(4) The Council may from time to time appoint a delegate for the purposes of this by-law.

18. (1) No person shall on any part of the University grounds—

(a) cut, break, deface, pick, remove, or destroy or injure any tree, shrub, hedge, plant or flower, or any part of any lawn or garden;

- (b) remove or damage or injure or interfere with any stake or label on or near any tree, shrub, plant or flower;
  - (c) walk on or over or cause damage to any bed containing or being prepared for flowers or shrubs or walk on or over any lawn in contravention of any notice posted thereon;
  - (d) enter or walk on or over any part of the University grounds which is temporarily enclosed and on which is posted a notice prohibiting persons from entering or walking thereon; or
  - (e) damage, or injure or interfere with or climb upon any fence, building, or erection, or any fixed or movable thing.
- (2) This by-law shall not apply to employees of the University acting in the course of their employment.
19. (1) The Council or its delegate may prohibit the holding of any meeting on the University grounds.
- (2) No person shall conduct, promote, or take part in any meeting so prohibited.

20. Any person who contravenes or fails to observe any of these by-laws shall be guilty of an offence and liable to a penalty not exceeding Twenty Pounds and to pay compensation for damage as hereinafter provided.

21. (1) Penalties incurred under these by-laws may be recovered in a summary manner.
- (2) In any proceedings for the recovery of penalties, the University may claim and recover summarily compensation for damage done by the defendant to the University grounds or anything growing or being thereon.

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

## HOSPITALS ACT, 1934.

No. 2158 of 1934.

Adelaide Hospital to be Medical and Dental School

Section 32 of the Act provides—

32. (1) The Adelaide Hospital shall be a school of medical and dental instruction in connection with the University of Adelaide, and any person who has been admitted as a student of the said University and is studying in the medical course or the dental course thereof, shall be entitled to attend at the Adelaide Hospital for instruction in connection with any such course, subject to any statutes and regulations made by the Council of the said University and any regulations made by the Board.

(2) The provisions contained in the Adelaide University Act relating to statutes and regulations and to the making and effect thereof shall apply to all statutes and regulations made by the said Council under this section and to the making and effect thereof.

### Advisory Committee

Section 33 provides—

33. (1) There shall be an advisory committee for the purpose of advising and assisting the Council of the University of Adelaide and the Board with respect to any matter concerning the medical course and the dental course of the said University and the attendance and instruction at the Adelaide Hospital of students in the said courses.

(2) The committee shall consist of seven members, who shall be appointed by the Governor after being respectively nominated as follows, namely:—

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

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

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

Two shall be nominated by the Board;

Two shall be nominated by the members of the honorary medical staff of the Adelaide Hospital.

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

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

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

Provided that—

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

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

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### INSTITUTE OF MEDICAL AND VETERINARY SCIENCE ACT, 1937.

No. 2372.

An Act to provide for the establishment and maintenance of an Institute of Medical and Veterinary Science and for purposes incidental thereto.

(Assented to 15th December, 1937.)

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 "Institute of Medical and Veterinary Science Act, 1937."

### Commencement of Act

2. This Act shall commence on a day to be fixed by the Governor by proclamation.

### Interpretation

3. In this Act, unless the context otherwise requires or some other meaning is clearly intended—

"Minister" means the Minister of the Crown for the time being holding the office of Minister of Health;

"The Council" means the Council of the Institute of Medical and Veterinary Science;

"The Director" means the Director of the Institute of Medical and Veterinary Science;

"The Institute" means the Institute of Medical and Veterinary Science established under this Act.

### Establishment of Institute and Council

4. (1) There shall be an Institute of Medical and Veterinary Science.

(2) The Institute shall be under the control and management of a Council constituted as provided in this Act.

(3) The name of the Council shall be "The Council of the Institute of Medical and Veterinary Science."

(4) The Council shall be a body corporate with perpetual succession and a common seal and shall be capable of suing and being sued in its corporate name.

(5) All courts, judges and persons acting judicially shall take judicial notice of the seal of the Council affixed to any document and shall presume that it was duly affixed.

(6) The Council shall, subject to this Act, have power to hold lands, tenements, hereditaments, goods, chattels, and other property of all kinds for the purposes of and subject to this Act.

### Members of Council

5. (1) The Council shall consist of—

(a) the person for the time being holding the office of Director-General of Medical Services of the State, or if that office is vacant, the person for the time being acting in that office;

(b) two other members of the Board of Management of the Adelaide Hospital;

- (c) two persons nominated by the Council of the University of Adelaide;
- (d) a person whose business is or includes the raising of stock and who shall be appointed by the Governor.

(2) The Governor shall, from time to time, appoint members of the Council to be chairman and deputy chairman thereof respectively.

(3) Subject to the other provisions of this Act, the chairman and every member of the Council shall hold office for five years from the time fixed by the Governor by notice in the Gazette as the time when his appointment takes effect; Provided that a chairman or a member appointed to fill a casual vacancy shall hold office only for the balance of the term of his predecessor.

(4) If for any reason the chairman is unable to carry out his duties, the deputy chairman shall act as chairman during the period of such inability; and if for any reason any other member of the Council is unable to carry out his duties the Governor may appoint some other person to act as a member during the period of such inability. Where the member unable to act was appointed after nomination, a similar nomination shall be required for the appointment of a member to act in his place.

(5) If the Council of the University of Adelaide, after being requested by the Minister to make any nomination necessary under subsection (1) of this section, fails to do so within two months after receiving the request, the Governor may appoint a person to the seat in respect of which the nomination is requested without any nomination.

#### Casual Vacancies

6. (1) The seat of any member of the Council shall become vacant if he—

- (a) dies;
- (b) resigns;
- (c) absents himself without permission of the Council from more than four consecutive meetings of the Council;
- (d) becomes a mentally defective person within the meaning of the Mental Defectives Act, 1935-1936;
- (e) is removed from his office by the Governor for misbehaviour or incapacity;
- (f) ceases to hold any office or qualification which he is required to hold as a member of the Council.

(2) The chairman and every member of the Council shall retire upon attaining the age of seventy years.

#### Quorum

7. The chairman or acting chairman and any three other members of the Council shall form a quorum for the transaction of the business of the Council.



### Meetings of Council

8. (1) The first meeting of the Council shall be convened by the chairman and thereafter meetings of the Council shall be held at the times and places determined by the Council.

(2) The business of the Council shall be conducted in such manner as the Council determines.

### Director of the Institute

9. (1) There shall be a director and a deputy director of the Institute.

(2) Edward Weston Hurst shall be the first director and shall be entitled to hold office for five years as from the commencement of this Act, but may be reappointed by the Governor.

(3) Every subsequent director and every deputy director shall be appointed by the Governor on the recommendation of the Council and on such terms and conditions as are approved by the Governor on the like recommendation.

(4) Every director and every deputy director shall receive such remuneration as the Governor on the recommendation of the Council determines: Provided that the remuneration of the said Edward Weston Hurst, during the first five years for which he holds office under this Act, shall be at a rate not less than that at which he is being remunerated at the time of the commencement of this Act.

(5) The director shall be the principal executive officer of the Council, and, subject to the directions of the Council, shall be responsible for the control and management of the Institute.

(6) If for any reason the director is unable to carry out his duties as director the deputy director shall carry out the duties, and have all the powers and authorities of the director, during the period of such inability.

### Staff of the Institute

10. (1) The Governor, on the recommendation of the Council, may appoint such officers as are required to carry out the work of the Institute.

(2) Such officers shall, unless the Governor otherwise determines, be public servants within the meaning of the Public Service Act, 1936, and unless the Governor otherwise determines shall be subject to the Superannuation Act, 1926-1936.

(3) Those officers of the Council who are not public servants within the meaning of the Public Service Act, 1936, shall be appointed at such salary and for such period and on such other terms and conditions as are recommended by the Council.

(4) The director shall in relation to those officers of the Institute who are subject to the Public Service Act, 1936, be deemed for the purposes of that Act to be the head of the department in which those officers are employed.

(5) The Council may appoint any employees of the Institute other than the members of the salaried staff thereof, at such remuneration and for such period and on such other terms and conditions as are approved by the Minister on the recommendation of the Council.

#### Power of Council to Secure Assistance from Government Departments

11. The Council may with the approval of the Minister administering any department of the Public Service make use of the services of any officers employed in that department on any terms agreed upon.

#### Power of Council to Grant Leave of Absence

12. The Council may grant to any person in its employment who is not subject to the Public Service Act, 1936, any leave of absence (whether with or without pay) which the Council thinks proper.

#### Trust Fund and Financial Provisions

13. (1) For the purpose of this Act there shall be a trust fund kept at the Treasury and known as "The Institute of Medical and Veterinary Science Trust Fund."

(2) The Treasurer shall in each of the five financial years commencing with the financial year 1938-1939 pay into the said trust fund the sum of ten thousand pounds; and this Act without any further or other appropriation, shall be a sufficient authority for making such payments.

(3) There shall also be paid into the said trust fund all fees and revenue earned by the Council, and all other money received by the Council from any source for purposes of the institute.

(4) The following expenditure in connection with the Institute shall be defrayed by the Government of the State out of moneys to be provided by Parliament for the purpose:—

- (a) interest on and sinking fund payments in respect of any loan moneys expended on the construction of the buildings of the Institute;
- (b) the cost of maintaining, repairing, and replacing the buildings of the Institute and the fixtures, furniture and equipment thereof (other than scientific instruments);
- (c) water and sewerage rates;
- (d) payments into the South Australian Superannuation Fund on account of pensions payable to officers of the Institute.

(5) Subject to any agreement or arrangement under section 18 of this Act all expenditure incurred in connection with teaching carried on at the Institute by or on behalf of the University of Adelaide shall be defrayed by that University.

(6) All expenditure incurred in connection with the management and work of the Institute, except expenditure which is defrayed by the University of Adelaide or the Government of the State, shall be paid out of the said trust fund.

### Audit

14. The Auditor-General shall audit the accounts of the Board annually. For the purpose of the conduct of any such audit the Audit Act, 1921-1936, shall apply as if the Institute were a Department of the Public Service.

### Power of Governor to Grant Use of Premises to Institute

15. (1) The Governor may, subject to such terms and conditions as he thinks proper, grant the Council the right to use and occupy for the purposes of the Institute any land and buildings of the Crown.

(2) Any Minister of the Crown or other public authority may, subject to such terms and conditions as he or it thinks proper, grant the Council the right to use for the purposes of the Institute any plant or equipment under the control of such Minister or public authority.

### Application of Public Supply and Tender Act, 1914-1930.

16. The Public Supply and Tender Act, 1914-1930, shall apply to and in respect of all stores, materials and other requisites required by the Council: Provided that in any case of emergency the Council may without complying with the Public Supply and Tender Act, 1914-1930, purchase any stores, materials and requisites which are urgently required, and the price of which does not exceed twenty-five pounds.

### Duties and Functions of the Council

17. (1) It shall be the duty of the Council to establish and maintain an institute of medical science for the following purposes, namely:

- (a) Research into the diseases of human beings and animals and into problems connected with such diseases;
- (b) Furnishing the Adelaide Hospital and any Minister of the Crown (without cost to the Hospital or Minister) such services in pathology, bacteriology, and biochemistry and other allied sciences as the Board of Management of the Adelaide Hospital or the Minister requires;
- (c) Performing such work for public authorities, medical practitioners, and the public as the Council thinks proper;
- (d) Providing such facilities as the Council thinks proper for any person to conduct research at the Institute;
- (e) Providing the University of Adelaide, in accordance with any agreement or arrangement made under this Act, with the use of any premises, plant or equipment of the Institute.

(2) For any such work as mentioned in paragraph (c) of subsection (1) of this section, the Council may charge such fees as are prescribed, and if no fees are prescribed for the particular work, such fees as the Council fixes.

The person for the time being holding the office of Director-General of Medical Services in the employment of the Government of the State, shall be entitled to recover on behalf of the Council by action in his own name in any court having jurisdiction up to the amount claimed, any fees due to the Council under this sub-section.

(3) The Council shall pay such fees into the trust fund established under section 13.

#### Agreements with the University

18. The Council may enter into and carry out any agreements or arrangements with the University of Adelaide under which the Council undertakes—

- (a) to grant to the University or any persons nominated by the University the rights to use and occupy the buildings of the Institute or any parts thereof, and to use any plant or equipment (other than scientific equipment) of the Institute;
- (b) to furnish the said University with any services which it may require and which can conveniently be furnished by the Institute.

#### Grants by Commissioners of Charitable Funds

19. The Commissioners of Charitable Funds holding office under the Public Charities Funds Act, 1935, may grant to the Council for the purpose of the Institute, out of any moneys which the said Commissioners hold upon trust for the benefit of the Adelaide Hospital, such sums of money as the said Commissioners think fit.

Any such sums of money so granted by the said Commissioners before the commencement of this Act shall be deemed to have been lawfully granted.

#### Annual Report

20. The Council shall, as early as convenient after the end of each financial year, furnish the Minister with a report on the work of the Institute during that year, and the Minister shall cause the report to be laid before each House of Parliament.

#### Regulations

21. The Governor on the recommendation of the Council may make any regulations which he deems necessary or convenient for the due administration of this Act, including regulations—

- (a) necessary or convenient for the proper management of the Institute and for facilitating its work; and
- (b) for prescribing the fees to be charged by the Council for work done for public authorities, medical practitioners and the public; and
- (c) for protecting the Institute and the plant and equipment therein against damage, defilement or loss; and
- (d) for prescribing penalties recoverable summarily and not exceeding ten pounds for breach of any regulation.

## ALMANAC FOR 1955

## TERMS:

First Term: March 21-May 21.

Second Term: June 6-August 6.

Third Term: August 29-December 10,

Lectures will cease in some cases in the week ending October 29, and in others in the week ending on November 5.

1955

## JANUARY

- S. 1 New Year's Day. Commonwealth inaugurated 1901.  
 M. 17 Faculty of Law—4.30 p.m.  
 Tu. 18 Last day of entry for the Supplementary Leaving Examination to be held in February. Faculty of Science—2 p.m. Faculty of Agricultural Science—4 p.m.  
 W. 19 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m.  
 Th. 20 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
 F. 21 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 Th. 27 Education Committee—2 p.m.  
 M. 31 Public holiday: celebration of Foundation Day.

## FEBRUARY

- Tu. 1 Last day of entry for the special degree and diploma examinations to be held in March. Hospital year begins. Last day of entry for the M.S. examinations to be held in May. Finance Committee—2.20 p.m.  
 F. 4 Council—2.20 p.m.  
 M. 7 Faculty of Law—4.30 p.m.  
 Tu. 8 Faculty of Science—2 p.m. Faculty of Agricultural Science—4 p.m.  
 W. 9 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m.  
 Th. 10 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
 F. 11 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 M. 14 LAST DAY OF ENROLMENT. Conservatorium first quarter begins.  
 Tu. 15 Supplementary Leaving Examination begins.  
 Th. 17 Education Committee—2 p.m.  
 M. 21 Finance Committee—2.20 p.m.  
 F. 25 Council—2.20 p.m.  
 M. 28 Special degree and diploma examinations begin. Last day of entry for evening studentships.

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 MARCH

- M. 7 Faculty of Law—4.30 p.m.  
 Tu. 8 Faculty of Science—2 p.m. Faculty of Agricultural Science  
 —4 p.m.  
 W. 9 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m. Last day of entry for public examinations in  
 Music and Art of Speech to be held in May.  
 Th. 10 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
 F. 11 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 M. 14 Board of Research Studies—2 p.m.  
 Th. 17 Education Committee— 2 p.m.  
 S. 19 Long vacation ends.  
 M. 21 Finance Committee—2.20 p.m. FIRST TERM BEGINS.  
 NOTE: Students are required to attend such prelimin-  
 ary meetings of their classes in the first week of term  
 as may be announced.  
 F. 25 Council—2.20 p.m.  
 M. 28 LECTURES BEGIN.  
 W. 30 ANNUAL COMMEMORATION.  
 Th. 31 Last day for submitting entries for the Bunday Prize and  
 the Sir Archibald Strong Memorial Prize for Literature.
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## APRIL

- F. 1 Last day for submitting compositions for the degree of  
 Mus.Doc.  
 F. 8 Good Friday.  
 Su. 10 Easter Day.  
 M. 11 Easter Monday.  
 Tu. 12 Lectures resume. Faculty of Science—2 p.m. Faculty of  
 Agricultural Science—4 p.m.  
 W. 13 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m.  
 Th. 14 Faculty of Economics—4 p.m. Faculty of Dentistry—  
 5 p.m.  
 F. 15 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 S. 16 Conservatorium first quarter ends.  
 M. 18 Conservatorium second quarter begins.  
 Faculty of Law—4.30 p.m.  
 Th. 21 Education Committee—2 p.m.  
 M. 25 Anzac Day.  
 Tu. 26 Finance Committee—2.20 p.m.  
 F. 29 Council—2.20 p.m.

## MAY

- W. 4 Theory of Music and Art of Speech examinations.  
 M. 9 Faculty of Law—4.30 p.m.  
 Tu. 10 Faculty of Science—2 p.m. Faculty of Agricultural Science  
 —4 p.m.  
 W. 11 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m.  
 Th. 12 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
 F. 13 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 M. 16 Board of Research Studies—2 p.m.  
 W. 18 Last day for submitting essays for the League of Nations  
 Prize.  
 Th. 19 Education Committee—2 p.m.  
 S. 21 FIRST TERM ENDS.  
 M. 23 Finance Committee—2.20 p.m. University and Conserva-  
 torium vacation begins.  
 F. 27 Council—2.20 p.m.

## JUNE

- S. 4 University and Conservatorium vacation ends.  
 M. 6 SECOND TERM BEGINS. Conservatorium resumes.  
 Faculty of Law—4.30 p.m.  
 Tu. 7 Faculty of Science—2 p.m. Faculty of Agricultural Science  
 —4 p.m.  
 W. 8 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m.  
 Th. 9 Faculty of Economics—4 p.m. Faculty of Dentistry—5 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.  
 Th. 16 Education Committee—2 p.m.  
 M. 20 Finance Committee—2.20 p.m.  
 F. 24 Council—2.20 p.m.

## JULY

- F. 1 Last day for submitting theses for the Bonython Prize and  
 for the degree of D.D.Sc.  
 S. 2 Conservatorium second quarter ends.  
 M. 4 Conservatorium third quarter begins.  
 M. 11 Faculty of Law—4.30 p.m.  
 Tu. 12 Faculty of Science—2 p.m. Faculty of Agricultural Science  
 —4 p.m.  
 W. 13 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m. Last day of entry for public examinations in  
 Music and Art of Speech to be held in September.  
 Th. 14 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
 F. 15 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 Th. 21 Education Committee—2 p.m.  
 M. 25 Finance Committee—2.20 p.m.  
 F. 29 Council—2.20 p.m.

## AUGUST

- S. 6 SECOND TERM ENDS.  
 M. 8 University vacation begins. Faculty of Law—4.30 p.m.  
 Tu. 9 Faculty of Science—2 p.m. Faculty of Agricultural Science  
 —4 p.m.  
 W. 10 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m.  
 Th. 11 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
 F. 12 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 M. 15 Conservatorium vacation begins. Board of Research  
 Studies—2 p.m.  
 Th. 18 Education Committee—2 p.m.  
 M. 22 Finance Committee—2.20 p.m.  
 F. 26 Council—2.20 p.m.  
 S. 27 University and Conservatorium vacations end.  
 M. 29 THIRD TERM BEGINS. Conservatorium resumes.

## SEPTEMBER

- M. 12 Last day of entry for the DEGREE AND DIPLOMA  
 EXAMINATIONS to be held in November. Faculty  
 of Law—4.30 p.m.  
 Tu. 13 Faculty of Science—2 p.m. Faculty of Agricultural Science  
 —4 p.m.  
 W. 14 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m.  
 Th. 15 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
 F. 16 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 S. 17 Conservatorium third quarter ends.  
 M. 19 Conservatorium fourth quarter begins.  
 W. 21 Theory of Music and Art of Speech examinations.  
 Th. 22 Education Committee—2 p.m.  
 M. 26 Finance Committee—2.20 p.m.  
 F. 30 Council—2.20 p.m. Last day for submitting exercises for  
 the degree of Mus.Bac.

## OCTOBER

- M. 3 Last day of entry for the PUBLIC EXAMINATIONS to  
 be held in December.  
 M. 10 Public holiday: Labour Day.  
 Tu. 11 Faculty of Science—2 p.m. Faculty of Agricultural Science  
 —4 p.m. Faculty of Law—4.30 p.m.  
 W. 12 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m.  
 Th. 13 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
 F. 14 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 Th. 20 Education Committee—2 p.m.  
 M. 24 Finance Committee—2.20 p.m.  
 F. 28 Council—2.20 p.m.  
 S. 29 Lectures in some departments end.  
 M. 31 Conservatorium vacation of three weeks begins.



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 NOVEMBER

- Tu. 1 Last day of entry for the David Murray Scholarship in Science, for the James Barrens 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.
- S. 5 All lectures end by this date.
- M. 7 Faculty of Law—4.30 p.m. 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 Agricultural Science—4 p.m.
- W. 9 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m.
- Th. 10 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.
- F. 11 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- M. 14 DEGREE AND DIPLOMA EXAMINATIONS BEGIN.
- Th. 17 Education Committee—2 p.m.
- S. 19 Conservatorium vacation ends.
- M. 21 Finance Committee—2.20 p.m. Conservatorium resumes.
- W. 23 Senate—4.30 p.m. Election of members of the Council and Warden and Clerk of the Senate.
- F. 25 Council—2.20 p.m.
- M. 28 Public Examinations begin.
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## DECEMBER

- Th. 1 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.
- F. 2 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- M. 5 Faculty of Law—4.30 p.m.
- Tu. 6 Faculty of Science—2 p.m. Faculty of Agricultural Science—4 p.m.
- W. 7 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m.
- Th. 8 Board of Research Studies—9 a.m. Education Committee—2 p.m.
- S. 10 THIRD TERM ENDS. Conservatorium fourth quarter ends.
- M. 12 Finance Committee—2.20 p.m.
- F. 16 Council—2.20 p.m.
- Su. 25 Christmas Day.
- S. 31 Last day of application for Mining and Metallurgical Bursaries.

1956

## JANUARY

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- Su. 1 New Year's Day. Commonwealth inaugurated 1901.  
 M. 16 Faculty of Law—4.30 p.m.  
 Tu. 17 Faculty of Science—2 p.m. Faculty of Agricultural Science  
 —4 p.m.  
 W. 18 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m.  
 Th. 19 Faculty of Economics—4 p.m. Faculty of Dentistry—  
 5 p.m.  
 F. 20 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 Tu. 24 Last day of entry for the Supplementary Leaving Examina-  
 tion to be held in February.  
 Th. 26 Education Committee—2 p.m.  
 M. 30 Public Holiday: celebration of Foundation Day.  
 Tu. 31 Last day of entry for the special degree and diploma exami-  
 nations to be held in February and March. Finance  
 Committee—2.20 p.m.
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## FEBRUARY

- W. 1 Hospital year begins. Last day of entry for the M.S. ex-  
 aminations to be held in May.  
 F. 3 Council—2.20 p.m.  
 M. 6 Faculty of Law—4.30 p.m.  
 Tu. 7 Faculty of Science—2 p.m. Faculty of Agricultural Science  
 —4 p.m.  
 W. 8 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
 p.m.  
 Th. 9 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
 F. 10 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
 M. 13 LAST DAY OF ENROLMENT. Conservatorium first  
 quarter begins.  
 Tu. 14 Supplementary Leaving Examination begins.  
 Th. 16 Education Committee—2 p.m.  
 M. 20 Finance Committee—2.20 p.m.  
 F. 24 Council—2.20 p.m. Last day of entry for evening student-  
 ships.  
 M. 27 Special degree and diploma examinations begin.

## MARCH

- M. 12 Faculty of Law—4.30 p.m.  
Tu. 13 Faculty of Science—2 p.m. Faculty of Agricultural Science  
—4 p.m.  
W. 14 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15  
p.m. Last day of entry for public examinations in  
Music and Art of Speech to be held in May.  
Th. 15 Faculty of Economics—4 p.m. Faculty of Dentistry—5 p.m.  
F. 16 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.  
S. 17 Long vacation ends.  
M. 19 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.  
Th. 22 Education Committee—2 p.m.  
M. 26 LECTURES BEGIN. Finance Committee—2.20 p.m.  
W. 28 ANNUAL COMMEMORATION.  
F. 30 Council—2.20 p.m.  
S. 31 Last day for submitting entries for the Bunday Prize and  
for The Archibald Strong Memorial Prize for Literature.

# The University of Adelaide

1955

## VISITOR

HIS EXCELLENCY THE GOVERNOR

## CHANCELLOR

THE HONOURABLE SIR JOHN MELLIS NAPIER, K.C.M.G., LL.B. Elected for the first time as from 1st February, 1948; re-elected, 1953.

## VICE-CHANCELLOR

ALBERT PERCIVAL ROWE, C.B.E., B.Sc. Appointed from 1st May, 1948.

## DEPUTY VICE-CHANCELLOR

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

## THE COUNCIL

THE CHANCELLOR. A member since 1948.

THE VICE-CHANCELLOR. A member since 1948.

PROFESSOR JAMES GLADSTONE CORNELL, M.A., L. ès L. A member since 1949. Date of last election, 26th November, 1952.

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

PROFESSOR SIR KERR GRANT, M.Sc., F.Inst.P. A member since 1930. Date of last election, 28th November, 1951.

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

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

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WYBERT MILTON CAUST SYMONDS, B.Sc., Dip.Ed. Elected for the first time, 25th November, 1953.

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## Lecturers:

KATHLEEN WOODROOFE, M.A. Appointed 1951.

HEINZ SIGFRID KOPLOWITZ KENT, M.A. (N.Z.). Appointed 1955.

## Tutor:

ELIZABETH JEAN WADHAM, M.A.

## HISTORY AND POLITICAL SCIENCE

- Professor:  
WALTER GEORGE KEITH DUNCAN, M.A. (Syd.), Ph.D. (Lond.). Appointed 1951.
- Lecturer in Political Theory:  
ALEXANDER JAMES DeBURGH FORBES, D.Phil. (Oxford), B.A. Appointed 1954.
- Lecturer in Government and Public Administration:  
LEO CHARLES LYNTON BLAIR, B.L. (Edin.). Appointed 1954.

## ENGLISH LANGUAGE AND LITERATURE

- The Jury Professor:  
ALEXANDER NORMAN JEFFARES, Ph.D. (Dublin), D.Phil. (Oxford). Appointed 1951.
- Reader:  
MYFYR BRYN DAVIES, M.A. (Oxford). Appointed Senior Lecturer, 1952; Reader, 1955.
- Senior Lecturer:  
BRIAN ROBINSON ELLIOTT, M.A. (W.Aust.). Appointed Lecturer, 1940; Senior Lecturer, 1953.
- Lecturers:  
KENNETH GUSTAV WALTER CROSS, B.A., Dip.Ed. (Dublin). Appointed 1955.  
RONALD PHILIP DRAPER, Ph.D. (Nott.). Appointed 1955.  
GEOFFREY PIERS HENRY DUTTON, B.A. (Oxford). Appointed 1955.

## FRENCH LANGUAGE AND LITERATURE

- Professor:  
JAMES GLADSTONE CORNELL, M.A. (Melb.), L. ès L. (Paris). Appointed Lecturer, 1938; Professor, 1944.
- Senior Lecturer:  
MARY HOPE ST. CLAIR CRAMPTON, M.A. Appointed Lecturer, 1930; Senior Lecturer, 1950.
- Lecturer:  
MAURICE VALUET, L. ès L. (Paris). Appointed Acting Lecturer 1951; Lecturer 1952.
- Temporary Lecturer:  
ELLIOTT CHRISTOPHER FORSYTH, D. de l'U. (Paris), B.A., Dip.Ed.

## GERMAN LANGUAGE AND LITERATURE

- Reader:  
DEREK VAN ABBE, M.A. (Camb.), Ph.D. (Melb.). Appointed 1952.
- Lecturer:  
BRIAN LAURENCE DILLON COGHLAN, B.A. (Birm.). Appointed 1953.

## EDUCATION

- Part-time Lecturers:  
HUBERT HARRY PENNY, Ph.D. (Lond.), M.A. Appointed 1939  
ADOLF JOHN SCHULZ, Ph.D. (Zurich), M.A. Appointed 1910.  
MAVIS LORELIE WAUCHOPE, M.A. Appointed 1939.  
DANIEL ARTHUR DAVID, M.A. Appointed 1946.  
GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.P.H., D.T.M. Appointed 1951.

## 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.
- Lecturer:  
ELIZABETH MERYON BARWELL, D.P.E. (Bedford), M.C.S.P. (London). Appointed 1948.
- Part-time Tutors:  
ELMA CASELY, T.M.M.G.  
LOUIS O'DONNELL  
JOANNE PRIEST, M.I.S.T.D., M.R.A.D. (Lond.).

## ECONOMICS AND COMMERCIAL STUDIES

## ECONOMICS AND STATISTICS

- Professor:**  
PETER HENRY KARMEL, B.A. (Melb.), Ph.D. (Camb.). Appointed 1950.
- Reader:**  
RONALD ROBERT HIRST, M.Ec. Appointed Lecturer, 1946; Reader, 1950.
- Senior Lecturer:**  
ERIC ALFRED RUSSELL, B.A., B.Com. (Melb.), B.A. (Camb.). Appointed 1952.
- Lecturers:**  
JOHN McBAIN GRANT, M.Ec. Appointed 1951.  
FRANCIS GEORGE JARRETT, B.Sc.Agr. (Syd.), Ph.D. (Iowa). Appointed 1953.
- Part-time Lecturer:**  
ALAN PATERSON BAILEY, M.Ec.
- Tutor:**  
JOHN GRAEME HEAD, B.Ec. Appointed 1955.

## COMMERCE AND PUBLIC ADMINISTRATION

- Reader in Commercial Studies:**  
RUSSELL LLOYD MATHEWS, B.Com. (Melb.). Appointed 1953.
- Lecturer in Accountancy II:**  
EDWARD WEBSDALE PAINTER, A.U.A., F.C.A. (Aust.). Appointed 1946.
- Lecturer in Accountancy III:**  
RONALD FRANCIS PASCOE, A.I.C.A. Appointed 1952.
- Assistant Lecturer in Accountancy III:**  
ARTHUR JAMES ADAM. Appointed 1952.
- Lecturer in Law I:**  
HOWARD EDGAR ZELLING, LL.B. Appointed 1952.
- Lecturer in Law II:**  
ERNEST WILLIAM PALMER, LL.B. Appointed 1953.
- Lecturer in Law III:**  
OSCAR CEDRIC ISAACHSEN, LL.B. Appointed 1953.
- Lecturer in Public Finance:**  
EDWARD JOHN CAREY, B.Ec., A.U.A. Appointed 1949.

## GEOGRAPHY

- Reader:**  
GRAHAM HENRY LAWTON, B.A., B.Ed. (Melb.), M.A. (Oxford). Appointed 1951.
- Lecturer:**  
KEITH WESTHEAD THOMSON, B.A. (N.Z.), Ph.D. (Washington). Appointed 1953.
- Part-time Lecturers:**  
ANN MARSHALL, M.Sc. (Melb.). Appointed 1940.  
ARCHIBALD GRENFELL PRICE, C.M.G., D.Litt. Appointed 1949.

## SOCIAL SCIENCE

- Senior Lecturer-in-Charge:**  
AMY GRACE WHEATON, M.B.E., M.A. (Adel.), B.Sc. (Econ.) (Lond.). Appointed Lecturer-in-Charge, 1942; Senior Lecturer-in-Charge, 1955.
- Lecturer in Social Case Work:**  
MARY JURY, B.A. (Toronto), M.Sc. (Simmons). Appointed 1955.
- Part-time Assistant:**  
FLORA JOY MACLENNAN, A.U.A.

## MATHEMATICS

- The Elder Professor:**  
HAROLD WILLIAM SANDERS, M.A. (Camb.). Appointed Lecturer, 1923; Professor, 1944.
- Reader:**  
JOSIAH WILLIAM STATTON, B.Sc. Appointed Lecturer, 1927; Senior Lecturer, 1947; Reader, 1950.
- Senior Lecturers:**  
MAURICE CHADWICK GRAY, B.Sc. Appointed Lecturer, 1943; Senior Lecturer, 1950.  
GEORGE SZEKERES, Dip.Chem.Eng. (Budapest). Appointed Lecturer, 1948; Senior Lecturer, 1950.  
BASIL CAMERON RENNIE, M.A., Ph.D. (Camb.). Appointed 1950.  
RENFREY BURNARD POTTS, D.Phil. (Oxford), B.Sc. Appointed Lecturer, 1951; Senior Lecturer, 1954.

## Temporary Lecturer:

JAMES HENRY MICHAEL, M.Sc.

## Part-time Lecturer in Mathematical Statistics:

EDMUND ALFRED CORNISH, D.Sc.

## Part-time Lecturer in Statistical Methods:

ALAN TRELEVEN JAMES, Ph.D. (Princeton), M.Sc.

## Part-time Tutor:

JOHN GAVIN SANDERSON, B.Sc.

## PHYSICS

## The Elder Professor:

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

## Readers:

ROY STANLEY BURDON, D.Sc., F.Inst.P. Appointed Lecturer, 1922; Senior

Lecturer, 1947; Reader, 1950.

STANLEY GORDON TOMLIN, Ph.D. (Lond.). Appointed Senior Lecturer 1950;

Reader 1953.

## Senior Lecturers:

GEORGE RAYNER FULLER, B.Sc. Appointed Assistant Lecturer, 1927; Lecturer, 1946; Senior Lecturer, 1950.

GORDON JAMES AITCHISON, M.Sc. Appointed Lecturer, 1946; Senior Lecturer, 1954.

## Lecturers:

MICHAEL ISAAC GLOVER ILIFFE, B.Sc. Appointed 1946.

ROBERT WOODHOUSE CROMPTON, B.Sc. Appointed 1950.

WILLIAM GRAHAM ELFORD, B.Sc. Appointed 1950.

DAVID JOHN SUTTON, B.Sc. Appointed 1950.

EDWIN HARRY MEDLIN, B.Sc. Appointed 1951.

## Demonstrator:

COLIN SYDNEY GUM, M.Sc.

## Part-time Demonstrators:

LEON LENIN GEORGE HEAVEN, B.Sc.

WILLIAM HALDANE TAYLOR.

## MATHEMATICAL PHYSICS

## Professor:

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

## Senior Lecturer:

JOHN CLIVE WARD, M.A., D.Phil. (Oxford).

## Senior Research Fellow:

OTTO BERGMANN, Ph.D. (Dublin).

## PHYSICAL AND INORGANIC CHEMISTRY

## The Angas Professor:

DENIS OSWALD JORDAN, Ph.D., (Lond.). Appointed 1954.

## Senior Lecturer:

JAMES MICHAEL CREETH, Ph.D. (Lond.). Appointed 1954.

## Lecturers:

FRANK LOVELOCK WINZOR, D.Sc. Appointed Assistant Lecturer, 1933; Lec-

turer, 1946.

BRUCE OSWALD WEST, Ph.D. Appointed 1950.

JACK ROBSON URWIN, Ph.D. Appointed 1951.

## Part-time Lecturer:

SYDNEY THOMAS EBERHARD, B.Sc.

## Demonstrator:

HEDLEY HERBERT FINLAYSON.

## ORGANIC CHEMISTRY

## Professor:

GEOFFREY MALCOLM BADGER, Ph.D. (Lond.), D.Sc. (Glasgow). Appointed Senior Lecturer, 1949; Reader, 1951; Professor, 1955.

## Senior Lecturers:

HAROLD JAMES RODDA, Ph.D. (Camb.), M.Sc. Appointed 1951.

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

## Lecturer:

PHILLIP REID JEFFRIES, M.Sc. (W. Aus.), Ph.D. (Sheffield). Appointed 1953.



## Part-time Lecturer:

IAN SAVILLE WALKER, B.Sc.

## Junior Research Fellow:

FRANK RICHMOND HEWGILL, B.A. (Camb.).

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

BRIAN MILLIGAN, B.Sc.

**GEOLOGY AND MINERALOGY**

## Professor:

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

## Reader in Geology and Palaeontology:

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

## Senior Lecturers:

ALFRED WILLIAM KLEEMAN, M.Sc. Appointed Lecturer, 1939; Senior Lecturer, 1950.

EDGAR RALPH SEGNI, Ph.D. (Camb.), M.Sc. Appointed 1953.

## Lecturer:

PAUL SAMUEL HOSSFELD, Ph.D. Appointed Temporary Lecturer, 1951; Lecturer, 1954.

## Demonstrators:

MARY JULIA WADE, B.Sc.

## Demonstrator and Technical Assistant:

HECTOR EDWARD EARL BROCK.

**ECONOMIC AND MINING GEOLOGY**

## Professor:

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

**BOTANY**

## Professor:

JOSEPH GARNETT WOOD, Ph.D. (Camb.), D.Sc. Appointed Lecturer, 1927; Professor, 1935.

## Reader in Plant Pathology:

CLIFFORD GERALD HANSFORD, M.A., Sc.D. (Camb.), F.L.S. Appointed 1951.

## Senior Lecturers:

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

RAYMOND LOUIS SPECHT, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1955.

## Lecturer:

JAMES PETER REEVE RICHES, Ph.D. (Camb.). Appointed 1953.

## Systematic Botanist:

CONSTANCE MARGARET EARDLEY, M.Sc.

## Part-time Lecturer in Biology:

DOREEN FRANKLIN McCARTHY, B.A., B.Sc.

## Demonstrators:

PATRICIA RAYSON, B.Sc.

HELENE ALICE MARTIN, B.Sc.

**ZOOLOGY**

## Professor:

WILLIAM PERCY ROGERS, M.Sc. (W.A.), Ph.D. (Lond.). Appointed 1952.

## Reader in Animal Ecology:

HERBERT GEORGE ANDREWARTHA, D.Sc. Appointed Entomologist, 1936; Senior Entomologist, 1950; Reader, 1955.

## Senior Lecturers:

IFOR MORRIS THOMAS, M.Sc. (Cardiff). Appointed Lecturer, 1947; Senior Lecturer, 1950.

STANLEY JOE EDMONDS, B.A., M.Sc. Appointed Lecturer 1952; Senior Lecturer, 1955.

## Senior Lecturer in Animal Ecology:

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

## Part-time Lecturer in Biology:

DOREEN FRANKLIN McCARTHY, B.A., B.Sc.

## Senior Demonstrator:

LAURA MADELINE ANGEL, M.Sc.

## Demonstrator:

EFFIE DELAND BEST, B.Sc.

**GENETICS**

Professor: DAVID GUTHRIE CATCHESIDE, M.A. (Camb.), D.Sc. (Lond.), F.R.S. Appointed 1952.

Lecturers: GEORGE MELROSE ELTON MAYO, B.Ag.Sc. Appointed Agronomist, 1947; Plant Geneticist, 1950.  
MARJORIE JEAN MATHIESON, Ph.D. (Camb.), M.Sc. (Melb.). Appointed 1952.

Junior Research Fellow:  
PETER GORDON MARTIN, B.Sc.

Professor: **BIOCHEMISTRY AND GENERAL PHYSIOLOGY**

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

Reader: PETER NOSSAL, M.Sc. (Syd.), Ph.D. (Sheffield). Appointed Lecturer, 1947; Senior Lecturer, 1952; Reader, 1954.

Lecturer: ALAN RHODES JOHNSON, Ph.D. (Leeds). Appointed 1954.

Part-time Lecturer in Agricultural Biochemistry:  
IVAN GEORGE JARRETT, M.Sc.

Demonstrators:  
DONALD BRUCE KEECH, B.Sc.  
ARNOLD LEIGHTON HUNT, B.Sc.

Part-time Tutor:  
JOAN BURTON PATON, M.Sc.

Chemist: **ANIMAL PRODUCTS RESEARCH FOUNDATION**

MARY CAMPBELL DAWBARN, M.Sc. Appointed 1927.

Professor: **HUMAN PHYSIOLOGY AND PHARMACOLOGY**

SIR CEDRIC STANTON HICKS, Kt., M.D. (Adel.), M.Sc. (N.Z.), Ph.D. (Camb.), Appointed 1926.

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

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

Part-time Demonstrators:

**BACTERIOLOGY**

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

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

Demonstrators:

**CIVIL ENGINEERING**

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

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

Senior Lecturers:  
ARTHUR JAMES ROBINSON, B.C.E. (Melb.). Appointed Testing Officer, 1937; Assistant Lecturer, 1940; Lecturer, 1946; Senior Lecturer, 1950.  
GEORGE SVED, Dip.Mech.Eng. (Budapest). Appointed 1950.  
ROBERT CULVER, B.Sc., B.E. Appointed Lecturer, 1949; Senior Lecturer, 1954.

**Lecturer:**

DONALD HENRY TYLER, B.E. Appointed 1953.

**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.). Appointed 1947.

**Reader in Mining Engineering:**

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

**Reader in Chemical Engineering:**

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

**Lecturer in Chemical Engineering:**

THOMAS O. PENNMAN, B.Sc. (Lond.). Appointed 1955.

**At the Bonython Laboratories, School of Mines:****Senior Lecturers:**

ERIC WILLIAM HUGHES, A.R.S.M., A.S.A.S.M.

ROY VERNON CULVER, B.Sc.

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

**Lecturers:**

BRIAN MORGAN MATHIAS, A.S.A.S.M., A.A.C.I.

WILLIAM THOMAS DENHOLM, B.Met.E. (Melb.).

GRAHAM HOUSTON MATHESON, B.E.

**MECHANICAL ENGINEERING****Professor:**

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

**Senior Lecturers:**

RONALD GEORGE BARDEN, B.Sc. (Lond.). Appointed 1952.

PETER OWEN ALFRED LAWE DAVIES, B.E. (Syd.), Ph.D. (Camb.). Appointed

Lecturer 1950; Senior Lecturer 1953.

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

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

WALTER HERMAN SCHNEIDER, M.E.

**ELECTRICAL ENGINEERING****Professor:**

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

**Reader:****Senior Lecturer:****Temporary Senior Lecturer:**

HENRY ASHWORTH PRIME, M.Sc. (Manchester). Appointed Senior Research Fellow, 1950; Temporary Senior Lecturer, 1954.

**Lecturer:**

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

**Temporary Lecturer:**

STEPHEN DIMOV KANEFF, B.E.

**Part-time Lecturer and Research Fellow:**

WILSON GORDON FORTE, B.E.

**ARCHITECTURAL ENGINEERING****Lecturer:**

GAVIN WALKLEY, M.A., M.Litt. (Camb.), B.E.

**ANATOMY AND HISTOLOGY****The Elder Professor:**ANDREW ARTHUR ABBIE, M.D., B.S., D.Sc. (Syd.), Ph.D. (Lond.), F.R.A.C.P.  
Appointed 1945.**Reader:**

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

**Lecturers:**

THOMAS MURPHY, L.R.C.P. and S. (Edin.). Appointed 1952.

KEITH PATRICK McKENNA, M.B., B.S. Appointed 1954.

Lecturer in Histology:  
LORNA MARY ALEXANDRA GREEN, B.A., B.Sc.

Part-time Lecturer:

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.

Senior Lecturers:  
ROBERT ALEXANDER BARTER, M.D. Appointed 1951.  
ROSS TRELOAR WISHART REID, M.B., B.S. Appointed Lecturer, 1950; Senior Lecturer, 1952.

Lecturer:  
PHILIP RICHARD HODGE, M.B., B.S. Appointed 1955.

Temporary Lecturer:  
RONALD GEOFFREY GOLD, M.B., B.S. Appointed 1955.

### ANTI-CANCER COMMITTEE

Chairman:  
JOHN CHRISTIAN MAYO, M.D., F.R.C.S.E.

Deputy Chairman and Hon. Radiotherapist:  
BERTRAM SPEAKMAN HANSON, M.B., B.S.

Hon. Assistant Radiotherapist:  
COLIN MARSHALL GURNER, M.B., B.S.

Assistant Director of the Radiotherapy Department:  
FREDERICK ANDREW DIBDEN, M.B., B.S.

Registrars to the Radiotherapy Clinic:  
DOROTHEA SMITH HETTMAN, M.B., B.S.  
PIROSKA MAGDOLNA LIGETI, M.B., B.S.  
ELMA SANDFORD MORGAN, M.B., B.S.

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

Physicists:  
MERVYN JOHN TOOZE, B.Sc. Appointed 1948.  
ROBERT MASON FRY, B.Sc. Appointed 1951.

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

### AGRICULTURAL SCIENCE

The Waite Professor of Agricultural Chemistry and Director of the Waite Agricultural Research Institute:  
JAMES ARTHUR PRESCOTT, C.B.E., D.Sc., F.R.S. Appointed Professor, 1924; Director, 1938.

The Waite Professor of Agriculture, and Head of the Department of Agronomy:  
COLIN MALCOLM DONALD, M.Ag.Sc. Appointed 1954.

Reader in Plant Pathology:  
CLIFFORD GERALD HANSFORD, M.A., Sc.D. (Camb.). Appointed 1951.

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

Senior Lecturer in Agricultural Chemistry:  
RUPERT JETHRO BEST, D.Sc. Appointed Lecturer, 1930; Senior Lecturer, 1950.

### LAW

The Bonython Professor:  
RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford). Appointed 1950.

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

Lecturer:  
GERALD HENRY LOUIS FRIDMAN, B.A., B.C.L. (Oxford). Appointed 1953.

Lecturer in the Law of Property:  
WILLIAM ANDREW NOYE WELLS, B.A., B.C.L. (Oxford), LL.B. Appointed 1954.

- Lecturer in the Law of Equity and Conveyancing:  
EDGAR LOVEDAY STEVENS, LL.B. Appointed 1939.
- Lecturer in Mercantile Law:  
EARNEST PHILLIPS, Q.C., LL.B. Appointed 1938.
- Lecturer in the Law relating to Companies, Partnership, Bankruptcy, and Divorce:  
LOUIS ARNOLD WHITTINGTON, LL.B. Appointed 1938.
- Lecturer in the Law of Evidence and Procedure:  
ARTHUR LAWRENCE PICKERING, Q.C., LL.B. Appointed 1935.
- Lecturer in Legal Ethics:  
JOHN NEIL McEWIN, LL.B. Appointed 1953.

#### MUSIC

- The Elder Professor:  
JOHN BISHOP, O.B.E. Appointed 1948.
- Senior Lecturer:  
JOHN ADAM HORNER, F.R.C.O., L.R.A.M.
- Lecturer-Teacher:  
JACK VERNON PETERS, Mus.Bac (N.Z. and Dur.), F.R.C.O.
- Teacher-Lecturer:  
HAROLD FAIRHURST.

#### MEDICINE AND SURGERY

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

#### DIVISION OF MEDICAL STUDIES

- Professor of Medicine:  
HUGH NORWOOD ROBSON, M.B., B.S. (Edin.), F.R.C.P. (Edin.) Appointed 1953.
- Senior Lecturer in Medicine:  
HUGH ROBERT GILMORE, M.B., B.S., M.R.C.P. Appointed 1954.
- Lecturers:
- In Medicine:  
KENNETH STUART HETZEL, M.D., F.R.C.P., F.R.A.C.P. Appointed 1938.  
FRANK RAYMOND HONE, B.Sc., M.D. Appointed 1944.  
MELVILLE ERNEST CHINNER, M.D., M.R.C.P., F.R.A.C.P. Appointed 1955.
  - In Psychological Medicine:  
HARRY MILTON SOUTHWOOD, M.D. Appointed 1949.
  - In Pulmonary Tuberculosis:  
PHILIP SCOTT WOODRUFF, M.D. (Melb.), D.T.M. and H. (Syd.), M.R.A.C.P. Appointed 1951.
  - In Medical Diseases of Children:  
MALCOLM TURNER COCKBURN, M.D., F.R.A.C.P. Appointed 1954.
- Tutors:
- In Medicine:  
ROBERT CLARE ANGOVE, M.B., B.S.  
ROBIN ARCHIBALD BURSTON, M.B., B.S.  
ROBERT STIRLING COLTON, M.B., B.S.  
ALLAN KERR GRANT, M.B., B.S.  
WILLIAM MORRIS IRWIN, M.B., B.S., M.R.C.P.
  - In Infectious Diseases:  
JOHN SELBY COVERNTON, M.D.
- Honorary Tutor in Clinical Psychiatry:  
JOHN EWART CAWTE, M.B., B.S.
- Full-time Assistant to the Professor:  
HARRY LANDER, M.B., B.S.
- Research Fellows:

#### DIVISION OF SURGICAL STUDIES

- Director:  
ALAN HARDING LENDON, M.B., B.S., F.R.C.S. Appointed 1954.
- Lecturers:
- In Surgery:  
JOHN RUSSELL BARBOUR, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1954.  
ALAN THOMAS BRITTEN JONES, M.B., B.S., F.R.C.S. (Edin.) Appointed 1952.  
ALISTAIR CAMPBELL McEACHERN, M.B., M.S., F.R.C.S. Appointed 1952.

- In Ophthalmic Surgery (Dr. Charles Gosse Lecturer):  
 THOMAS LESLIE McLARTY, M.D., D.O.M.S. Appointed 1954.
- In Diseases of the Ear, Nose and Throat:  
 ROBERT McMAHON GLYNN, M.B., B.S., F.R.C.S. (Edin.). Appointed 1947.
- In Surgical Diseases of Children:  
 DOUGLAS GORDON McKAY, M.B., B.S., F.R.C.S. (Edin.). Appointed 1951.
- In Anaesthetics:  
 ALLAN DUNSTAN LAMPHEE, M.B., B.S., M.R.C.P. Appointed 1947.

**Tutors:**

- In Surgery and Applied Anatomy:  
 ALLAN GORDON CAMPBELL, M.B., M.S., F.R.C.S.  
 JAMES ESTCOURT HUGHES, M.B., M.S.  
 OLIVER WESTWOOD LEITCH, M.B., M.S.  
 LEONARD JAMES TERNOUTH PELLEW, M.B., B.S., F.R.C.S.  
 JAMES RUPERT MAGAREY, M.B., M.S., F.R.C.S.  
 JAMES DON SIDNEY, M.B., B.S. (Lond.), F.R.C.S.

Full-time Assistant to the Director:  
 ROBERT BRITTEN JONES, M.B., B.S.

Part-time Assistants to the Director:  
 CHARLES GRAHAM WILSON, M.B., B.S.  
 MERVYN KEITH SMITH, M.B., B.S., F.R.C.S.

Research Fellow:

**OBSTETRICS**

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

Tutors in Clinical Obstetrics:

At The Queen Elizabeth Hospital:  
 WILBUR FRANCIS JOYNT, M.B., B.S. (Melb.), D.G.O. (Trinity), L.M. (Rotunda),  
 M.R.C.O.G. (Lond.).

At The Queen Victoria Maternity Hospital:  
 FREIDA RUTH HEIGHWAY, M.D.

Tutors in Pediatrics:

At The Queen Elizabeth Hospital:  
 HENRY GEORGE RISCHBIETH, M.B., B.S., D.C.H. (Melb.), M.R.A.C.P.

At The Queen Victoria Maternity Hospital:  
 ERIC BALDWIN SIMS, M.D.

**OTHER OFFICERS**

Dr. Edward Willis Way Lecturer in Gynaecology:  
 HENRY EDWARD PELLEW, M.B., B.S., M.R.C.O.G. (Lond.). Appointed 1953.

Lecturer in Public Health and Preventive Medicine:  
 ALBERT RAY SOUTHWOOD, C.M.G., M.D., M.S., M.R.C.P. Appointed 1938.

Demonstrators in Public Health and Preventive Medicine:  
 HARRY FENWICK HUSTLER, M.B., B.S., D.P.H.  
 GEORGE HUGH McQUEEN, M.B., B.S., D.T.M., D.P.H.

Lecturer in Radiology:  
 HORACE ALEXANDER McCOY, M.B., B.S. (Syd.), D.M.R.E. Appointed 1954.

Tutor in Pediatrics at the Adelaide Children's Hospital:  
 HENRY GEORGE RISCHBIETH, M.B., B.S., D.C.H. (Melb.), M.R.A.C.P.

**DENTISTRY**

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

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

Senior Tutor:  
 JOHN LEONARD EUSTACE, B.D.S. Appointed 1948.

**PROSTHETIC DENTISTRY**

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

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

**Tutors:**

ROBERT STEWART BLACKBURN, B.D.S. Appointed 1949.  
 KENNETH AYLESBURY BROWN, B.D.S. Appointed Demonstrator, 1952; Tutor,  
 1955.  
 JOHN BICE DAY, B.D.S. Appointed 1949.  
 HAROLD BRUCE FRAYNE, M.D.S. Appointed 1949.  
 KENNETH JAMES ROBERTSON, M.D.S. Appointed 1949.

**Demonstrators:**

FREDERICK RUDOLPH HENNING, B.D.S. Appointed 1954.  
 PETER CLARENCE READE, B.D.S. Appointed 1954.  
 CHRISTOPHER MALCOLM SOMERVILLE, B.D.S. Appointed 1954.  
 ROBERT ANTHONY STANTON, B.D.S. Appointed 1953.  
 NORMAN STUART WALMSLEY, B.D.S. Appointed 1954.

**OPERATIVE DENTISTRY****Lecturer:**

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

**Instructor:**

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

**Tutors:**

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

**Tutor in Children's Operative Dentistry:**

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

**Demonstrators:**

JOHN FRANCIS BURROW, B.D.S. Appointed 1955.  
 HUGH DALEY KENNARE, B.D.S. Appointed 1951.  
 REX HORTON WALLMAN, B.D.S. Appointed 1953.

**CROWN AND BRIDGE WORK****Lecturer:**

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

**Demonstrators:**

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed 1940.  
 ERIC DESMOND MORGAN, B.D.S. Appointed 1949.

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

THOMAS DRAPER CAMPBELL, D.Sc., D.D.Sc. Appointed 1925.

**Demonstrator:**

KENNETH AYLESBURY BROWN, B.D.S. Appointed 1952.

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

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

**Tutor:**

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

**ORTHODONTICS****Lecturer:**

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

**Demonstrator:**

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

**PERIODONTICS****Lecturer:**

MERVYN WYKE EVANS, D.D.Sc. Appointed 1947.

**Demonstrator:**

ROGER GEORGE WILLOUGHBY, M.D.S. Appointed 1949.

**LECTURERS****Dental Metallurgy:**

WILLIAM THOMAS DENHOLM, B.Met.E. (Melb.). Appointed 1954.

**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.

**Oral Surgery:**

THOMAS DRAPER CAMPBELL, D.Sc., D.D.Sc. Appointed 1934.

**Dental Materia Medica and Therapeutics:**

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

## Dental Public Health and Services:

CECIL BOASE MADDERN, D.D.Sc. Appointed 1932.

## Children's Dentistry:

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

## INSTRUCTORS

## Anaesthetics:

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

## Radiography:

JAMES ALEXANDER CRAN, M.D.S. Appointed 1949.

## TUTORS

## In Medicine:

IVAN MAURICE HENRY CAMENS, M.B., B.S. Appointed 1955.

## In Surgery:

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

## PHARMACY

## Senior Lecturer on Materia Medica, Pharmacy, and Dispensing:

EDWARD FRANCIS LIPSHAM, Ph.C. Appointed 1932.

## Lecturer on Pharmacy:

ALLAN EDGAR BOWEY, B.Sc., A.U.A. Appointed 1946.

## Part-time Lecturers:

## In Botany and Pharmacognosy:

RONALD ALEXANDER ANDERSON, A.U.A.

## In Forensic Pharmacy:

RODERICK CHARLES McCARTHY, A.U.A.

## In Commercial Pharmacy:

OSCAR HENRY WALTER, F.C.A. (Aust.), A.C.I.S. (Eng.). Appointed 1932.

## PHYSIOTHERAPY

## Lecturer-in-Charge:

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

## Part-time Lecturers:

## In Physics of Medical Electricity:

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

## In Medical Electricity:

HONOR WILSON

## In Muscle Re-education:

MARY KELL FINNIS

## In Pathology:

RUTH OSMOND, M.B., B.S.

## Part-time Demonstrators:

## In Medical Electricity:

HONOR WILSON

## In Muscle Re-education:

MARY KELL FINNIS

## In Practical Work:

HELEN BLAIR

## STAFF OF THE WAITE AGRICULTURAL RESEARCH INSTITUTE

## Director:

JAMES ARTHUR PRESCOTT, C.B.E., D.Sc., F.R.S. Appointed 1938.

## AGRICULTURAL CHEMISTRY

## Waite Professor:

JAMES ARTHUR PRESCOTT, C.B.E., D.Sc., F.R.S. Appointed 1924.

## Reader in Soil Chemistry:

CLARENCE SHERWOOD PIPER, D.Sc. Appointed Chemist, 1925; Reader, 1950.

## Senior Chemist:

RUPERT JETHRO BEST, D.Sc. Appointed Assistant Chemist, 1928; Chemist, 1930; Senior Chemist, 1950.

## Chemist (Analyst):

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

## Chemists:

ANGUS GORDON TYSON, B.Sc. Appointed 1950.

DAVID GRAY LEWIS, B.Sc. Appointed 1951.



## ENTOMOLOGY

## Waite Professor:

## Reader in Entomology:

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

## Entomologists:

PAUL EDWARD MADGE, B.Sc. (Cal. S.P.C.). Appointed 1952.

## Systematic Entomologist:

HAROLD STEWART FARNHAM LOWER. Appointed 1950.

## Research Fellow:

DEREK ALAN MAELZER, B.Sc. (W. Aus.).

## AGRONOMY

## Waite Professor of Agriculture, and Head of the Department:

COLIN MALCOLM DONALD, M.Ag.Sc. Appointed 1954.

## Senior Agronomist:

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

## Senior Plant Breeder and Crop Geneticist:

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

## Plant Breeder and Crop Geneticist:

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

## Cytologist:

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

## Mortlock Research Fellow:

## Agronomists:

DAVID ERIC SYMON, B.Ag.Sc. Appointed 1951.  
RICHARD JAMES MILLINGTON, M.Sc. (Syd.). Appointed 1952.

## Temporary Agronomist:

CYRIL RAYMOND KLEINIG, B.Ag.Sc. Appointed 1952.

## PLANT PATHOLOGY

## Reader in Plant Pathology:

CLIFFORD GERALD HANSFORD, M.A., Sc.D. (Camb.), F.L.S. Appointed 1951.

## Senior Plant Pathologist:

NOEL THOMAS FLENTJE, Ph.D. (Lond.), M.Sc. Appointed Plant Pathologist, 1947; Senior Plant Pathologist, 1951.

## Senior Microbiologist:

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

## Plant Pathologists:

ALLEN KERR, B.Sc. (Edin.). Appointed 1951.  
NEIL CLARENCE CROWLEY, B.Ag.Sc. (Syd.). Appointed 1951.

## Research Officer in Gummosis in Apricots:

MAURICE VERNON CARTER, B.Ag.Sc.

## PLANT PHYSIOLOGY

## Senior Plant Physiologist:

## Plant Physiologists:

LANCELOT HARRIS MAY, B.Sc. Appointed 1950.  
NICOS GEORGE MARINOS, B.A., M.Sc. (Temporary.)

## OTHER OFFICERS

## Secretary:

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

## Statistician:

IRENA MATHISON, M.Phil. (Cracow). Appointed 1952.

## Systematic Botanist:

FRANK MORPHETT HILTON, B.Ag.Sc., R.D.A. Appointed 1953.

## 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.

## STAFF OF THE ELDER CONSERVATORIUM OF MUSIC

## Director:

PROFESSOR JOHN BISHOP, O.B.E.

## Senior Lecturer in Music:

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

## Teachers of Pianoforte:

HARRY LANCELOT DOSSOR, A.R.C.M.  
GEORGE PEARCE, A.R.A.M.  
JOHN ADAM HORNER, F.R.C.O., L.R.A.M.  
CLEMENS LESKE.

## Teachers of Organ:

JOHN ADAM HORNER, F.R.C.O., L.R.A.M.  
JACK VERNON PETERS, Mus.Bac. (N.Z. and Dur.), F.R.C.O.

## Teachers of Singing:

CLEMENT WILLIAMS.  
HILDA BEATRICE GILL, A.U.A.  
BARBARA HOWARD.  
MAX WORTHLEY.

## Teachers of Violin:

LLOYD DAVIES.  
HAROLD FAIRHURST

## Teacher of Violoncello:

## Teacher of Flute:

KEITH YELLAND.

## Teacher of Oboe:

NOEL POST.

## Teachers of Clarinet:

CLEVE MARTIN.  
ARNOLD BLAYLOCK.

## Teacher of Bassoon:

JOHN GEORGE GOOD.

## Teacher of French Horn:

STANLEY FRY.

## Teacher of Trumpet:

LEONARD TAYLOR.

## Teacher of Percussion:

KEVIN MAKIN.

## Teachers of Ensemble Playing and Orchestral Class:

LLOYD DAVIES.  
HAROLD FAIRHURST.  
JOHN GEORGE GOOD.

## Teacher of Opera:

BARBARA HOWARD.

## Teachers of Art of Speech:

FRANK JOHNSTON.

## Teacher of Drama:

## Teacher of Aural Culture and Musical Appreciation:

ALISON HOLDER, Mus.Bac.

## Accompanist:

ALLAN LEONARD GILES, Mus.Bac.

## Teacher for Accompanying Class:

ENID CONLEY.

## Teacher of the Junior Orchestra:

NORMAN SELLICK.

## Teacher of Italian:

GEORGE MASERO.

## Teacher of German:

EDITH DUBSKY.

## 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.

## WARDENS OF THE SENATE

WILLIAM GOSSE, M.D., 1877-1880.

THE VENERABLE ARCHDEACON FARR, M.A., LL.D., 1880-1882.

FREDERIC CHAPPLE, B.A., 1883-1922.

THE HONOURABLE MR. JUSTICE THOMAS SLANEY POOLE, M.A., 1922-1927.

THE HONOURABLE SIR HERBERT ANGAS PARSONS, Kt., LL.B., 1927-1945.

## TREASURER

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

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

## CHAIRMEN OF THE FINANCE COMMITTEE

THE CHANCELLOR, 1887-1893.

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

THE VICE-CHANCELLOR, 1897-1904.

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

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

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

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

## FORMER PROFESSORS

## Classics:

REV. HENRY READ, M.A. (Camb.), 1874-1878.

DAVID FREDERICK KELLY, M.A. (Camb.), 1878-1894.

EDWARD VAUGHAN BOULGER, M.A., D.Litt. (Dublin), 1894.

EDWARD VON BLOMBERG BENSLEY, M.A. (Camb.), 1895-1905.

HENRY DARNLEY NAYLOR, M.A. (Camb.), 1907-1927 (Emeritus, 1927).

**English Language and Literature and Mental and Moral Philosophy:**

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

**Mental and Moral Philosophy:**

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

**English Language and Literature:**

SIR ARCHIBALD THOMAS STRONG, Kt., M.A. (Oxon. and Liv.), Litt.D. (Melb.), 1922-1930.  
 JOHN INNES MACKINTOSH STEWART, M.A. (Oxon.), 1935-1945.  
 CHARLES RISCHBIETH JURY, M.A. (Oxon.), 1946-1949.  
 DAVID NICHOL SMITH, D. Litt. (Camb. and Durham), LL.D. (Glas. and Edin), F.B.A., 1950-1951.

**Modern History and English Language and Literature:**

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

**Modern History:**

GEORGE COCKBURN HENDERSON, M.A., 1902-1924 (Emeritus, 1923).  
 WILLIAM KEITH HANCOCK, M.A. (Oxon.), 1926-1933.

**Political Science and History:**

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

**Economics:**

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

**Mathematics and Physics:**

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

**Mathematics:**

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

**Physics:**

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

**Chemistry:**

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

**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.

**Bacteriology:**

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

**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.

**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.P., 1944-1949.

**Music:**

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

LECTURERS (*honoris causa*)**Medicine:**

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

**Surgery:**

BENJAMIN FOULTON, 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.

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The material appearing on page 79  
should precede page 76.

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H. D. SUTHERLAND, M.B., M.S. (Adel.), F.R.A.C.S., F.R.C.S.
- Honorary Radiologist:**  
P. W. VERCO, M.D. (Adel.), M.R.A.C.P., M.C.R. (Aust. and N.Z.), F.F.R.
- Honorary Physician to "Medical Complications" Clinic:**  
R. A. BURSTON, M.B., B.S. (Adel.), M.R.C.P., M.R.A.C.P.
- Honorary Consulting Anatomist:**  
A. D. PACKER, M.Sc., M.D. (Adel.).
- Honorary Pathologist:**  
RUTH OSMOND, M.B., B.S. (Adel.).

**Honorary Dental Surgeon:**

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

**Honorary Anaesthetists:**

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

**Honorary Clinical Assistants to Obstetrical Staff:**

B. R. GOODE, M.B., B.S. (Adel.).  
 J. D. LESOUF, M.B., B.S. (Adel.).  
 F. S. RIDDELL, M.B., B.S. (Adel.).  
 D. WIGHTON, M.B., B.S. (Adel.).  
 C. J. LEANEY, M.B., B.S. (Adel.).  
 M. S. COOLING, M.B., B.S. (Adel.).  
 D. E. W. SUMNER, M.B., B.S. (Adel.).

**Clinical Tutor in Mothercraft:**

E. RUTH MOCATTA, M.B., B.S. (Syd.).

**Medical Superintendent:**

T. O. R. YATES, M.B., B.S. (Syd.).

**THE QUEEN ELIZABETH HOSPITAL**

(Maternity Section)

**Honorary Staff:****Obstetricians:**

LESLIE OSWYN SHERIDAN POIDEVIN, M.B., B.S. (Syd.), M.R.C.O.G.  
 WILBUR FRANCIS JOYNT, M.B., B.S. (Melb.), L.M. (Rotunda), D.G.O. (Trinity).  
 ALFRED DUDLEY BYRNE, M.B., B.S., M.R.C.O.G.

**Assistant Obstetricians:**

GILBERT WILLIAM ELLIOT AITKEN, M.B., B.S. (Adel.), D.R.C.O.G.,  
 M.R.C.O.G.  
 ROLAND MAURICE CHARLES GEORGES BEARD, M.B., B.S. (Adel.).  
 FRANK EDISON WELCH, M.B., B.S. (Adel.), L.M. (Dub.), D.G.O. (Trinity),  
 D.R.C.O.G.

**Clinical Assistants Obstetrical Department:**

ALEXANDER ROY MAGAREY, M.B., B.S. (Adel.), D.Obst., R.C.D.G.  
 MICHAEL DEAN DAWSON, M.B., B.S. (Adel.).  
 JOHN LEONARD DUNSTONE, M.B., B.S. (Adel.).  
 DAVID MELBOURNE ELDRIDGE, M.B., B.S. (Adel.).  
 BERTRAM MORRIS JOLLY, M.B., B.S. (Adel.).  
 MALCOLM EWART NANCARROW, M.B., B.S. (Adel.).  
 JOHN LANE WADDY, M.B., B.S. (Adel.).  
 ALAN RUSSELL WEETMAN, M.B., B.S. (Adel.).  
 MARY ELIZABETH WALKER, B.Sc., M.B., Ch.B., M.R.C.O.G.

**Pediatrician:**

HENRY GEORGE RISCHBIETH, M.B., B.S. (Adel.).

**Assistant Pediatrician:**

DILYS MARY CRAVEN, M.B., B.Ch. (Wales).

**Radiologist:**

GEOFFREY HEDLEY JONES, M.B., B.S. (Adel.).

**Anaesthetist:**

VIVIAN LEE HAWKE, M.B., B.S. (Adel.).

**Medical Superintendent:**

HEATHER JUNE SYLVIA ROSS, M.B., B.S., M.R.C.O.G.

**MAREEBA BABIES' HOSPITAL****Hon. Responsible Medical Officer:**

F. N. LeMESSURIER, D.S.O., M.D. (Adel.).

**Hon. Consulting Physicians:**

H. M. MAYO, O.B.E., M.D. (Adel.), F.R.A.C.P.  
 M. T. COCKBURN, M.D. (Adel.).  
 C. A. FINLAYSON, M.B., B.S. (Melb.).  
 PROFESSOR H. N. ROBSON, M.B., Ch.B. (Edin.), M.R.C.P., F.R.C.P. (Edin.).

**Hon. Physicians:**

F. N. LeMESSURIER, D.S.O., M.D. (Adel.).  
 R. G. Ch.-de CRESPIGNY, M.B., B.S. (Melb.), M.R.A.C.P.  
 D. K. McKENZIE, M.B., B.S. (Adel.).

**Hon. Assistant Physicians:**

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

**Hon. Surgeon:**

D. G. McKAY, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.

## Psychiatric Clinic:

## Director:

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

## Assistants to the Director:

J. D. FOTHERINGHAM, M.B., B.S. (Adel.).  
 L. A. LANGLEY, M.B., B.S. (Melb.), D.P.M. (Syd.).  
 D. M. SALTER, M.B., B.S. (Adel.), D.P.M.  
 K. B. WINTER, M.B., B.S. (Adel.).

## Resuscitation Unit:

## Medical Officer in Charge:

Vacant.

## NORTHFIELD WARDS:

## Hon. Visiting Medical Officers:

R. M. GLYNN, M.B., B.S. (Adel.), F.R.C.S. (Edin.), D.O.M.S., D.L.O. (R.C.P. and S.).  
 N. S. GUNNING, M.B., B.S. (Adel.), M.Ch. (Orth.: Liv.), F.R.C.S. (Edin.).  
 R. A. A. PELLEW, M.B., B.S. (Adel.), M.R.C.P. (Lond.).  
 E. F. WEST, M.B., B.S. (Adel.), F.R.C.S. (Edin.), M.Ch. (Orth.Liv.).  
 W. J. BETTS, M.B., B.S. (Adel.).  
 J. R. MAGAREY, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.  
 J. H. SLADE, M.B., B.S. (Adel.), D.O. (Syd.).

## Hon. Assistant Visiting Medical Officers:

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

## Hon. Visiting Medical Officer to Infectious Diseases:

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

## Hon. Epidemiologist to Infectious Diseases:

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

## Superintendent:

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

## ADELAIDE CHILDREN'S HOSPITAL

## Honorary Visiting Medical Officers

## Physicians:

M. T. COCKBURN, M.D. (Adel.), F.R.A.C.P.  
 I. S. MAGAREY, M.D. (Adel.), F.R.A.C.P.  
 R. G. CHAMPION de CRESPIGNY, M.B., B.S. (Melb.), M.R.A.C.P.  
 E. B. SIMS, M.D. (Adel.), M.R.A.C.P.

## Assistant Physicians:

R. N. C. BICKFORD, M.B., B.S. (Adel.), M.R.C.P. (Lond.).  
 C. T. PIPER, M.B., B.S. (Adel.), M.R.C.P. (Lond.).  
 J. S. COVERNTON, M.D. (Adel.), M.R.A.C.P.  
 F. BOYD TURNER, M.B., B.S. (Adel.), M.R.A.C.P.

## Clinical Assistants:

J. M. PEDLER, M.B., B.S. (Adel.).  
 R. GREENLEES, M.B., B.S. (Adel.).  
 F. E. TREMBATH, M.B., B.S. (Adel.).  
 DILYS CRAVEN, B.Sc., M.B., Ch.B., D.C.H. (Lond.).  
 J. F. HARLEY, M.B., B.S. (Adel.).  
 H. SCHUDMAK, M.B.E., M.B., B.S. (Adel.).  
 R. M. HAINS, M.B., B.S. (Adel.).

## Hon. Surgeon (Nose and Throat):

S. PEARLMAN, M.B., Ch.M. (Syd.), D.O.M.S. (Eng.).

## Hon. Pathologist:

RUTH OSMOND, M.B., B.S. (Adel.).

## Hon. Dermatologist:

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

## Hon. Radiologist:

H. A. McCOY, M.B., Ch.M. (Syd.), D.M.R.E. (Camb.), F.F.R. (Lond.).

## Hon. Assistant Radiologist:

W. G. NORMAN, M.B., B.S. (Adel.), D.D.R. (Melb.).

## Hon. Dentist:

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

## Hon. Consulting Neuro-Surgeon:

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

**PARKSIDE MENTAL HOSPITAL**

## Superintendent of Mental Institutions:

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

## Deputy Superintendent:

F. L. D. YOUNG, M.R.C.S., L.R.C.P., D.P.M. (Eng.).

## Senior Medical Officer:

D. MACDONALD STEELE, M.C., M.B., B.S. (Adel.).

## Medical Officers:

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

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

## Hon. Gynaecologist:

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

## Hon. Dermatologist:

W. GILFILLAN, M.B., B.S. (Adel.).

## Hon. Ophthalmologist:

J. H. SLADE, M.B., B.S. (Adel.), D.O.R.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.).

## Visiting Refractionist:

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

**TUBERCULOSIS SERVICES****Chest Clinic and Frome Ward**

## Director of Tuberculosis Services:

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

## Physicians:

J. G. SLEEMAN, M.D. (Adel.).

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

## Assistant Physician:

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

## Clinical Assistants:

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

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

A. R. ANDERSON, M.B., B.S. (Adel.).

## Anaesthetists:

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

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

J. A. FERRIS, M.B., B.S. (Melb.).

W. D. ACKLAND-HORMAN, M.B., B.S. (Adel.).

## Medical Officers for Tuberculosis Services:

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

I. M. H. CAMENS, M.B., B.S. (Adel.).

## Medical Superintendent, Morris Hospital:

R. MUNRO FORD, M.B., B.S. (Adel.).

## Medical Superintendent, Bedford Park Sanatorium:

R. D. CARMAN, M.B., B.S. (Adel.).

## Laryngologist:

P. G. JAY, M.B., B.S. (Adel.).

## General Surgeon:

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

## Orthopaedic Surgeon:

E. F. WEST, M.B., B.S. (Adel.), F.R.C.S. (Edin.), M.Ch. (Orth. Liv.), F.R.A.C.S.

## Surgeon:

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

**University Architect**

LOUIS LAYBOURNE SMITH, C.M.G., B.E., F.R.I.B.A.

**Deputy University Architect**

JAMES CAMPBELL IRWIN, A.R.I.B.A., F.R.A.I.A.

**University Auditors**

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

**Tutorial Classes of the Workers' Educational Association**

Tutor-in-Charge: ERNEST GORDON BIAGGINI, D.Litt.

**Joint Secretary of the University Union and the University Sports Association**

KENNETH TOM HAMILTON

**Warden of the Union**

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

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 Adelaide Hospital:**

IVAN BEDE JOSE, M.B., M.S., F.R.C.S.  
 JOHN LEONARD EUSTACE, B.D.S.  
 KENNETH STUART HETZEL, M.D., F.R.C.P.

**On the Advisory Board of the Queen Victoria Maternity Hospital:**

IVAN BEDE JOSE, M.B., M.S., F.R.C.S.  
 LESLIE OSWYN SHERIDAN POIDEVIN, M.B., B.S., M.R.C.O.G.

**On the Australian Commonwealth Engineering Standards Association:**

PROFESSOR SIR KERR GRANT, Kt., M.Sc., F.Inst.P.  
 PROFESSOR SIR DOUGLAS MAWSON, Kt. O.B.E., B.E., D.Sc., F.R.S.

**On the Board for the Education of Children of Deceased Soldiers:**

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**On the Council of St. Mark's College:**

PROFESSOR M. L. MITCHELL, M.Sc.

**On the Council of St. Ann's College:**

PROFESSOR E. A. RUDD, A.M., B.Sc.  
 MARY HOPE ST. CLAIR CRAMPTON, M.A.

**On the Council of Lincoln College:**

FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.  
 THE HON. MR. JUSTICE G. C. LIGERTWOOD, B.A., LL.B.

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 PROFESSOR J. B. CLELAND, M.D.

**On the Dental Board of South Australia:**

MALCOLM STEWART JOYNER, B.D.S.

**On the Ridley Memorial Trust:**

PROFESSOR J. A. PRESCOTT, D.Sc.

**On the Union Council:**

HELEN MARY MAYO, O.B.E., M.D.  
 PROFESSOR M. L. MITCHELL, M.Sc.  
 THE HON. MR. ACTING JUSTICE HANNAN, C.M.G., M.A., LL.B.  
 PROFESSOR E. C. R. SPOONER, D.Phil., D.Sc.

**On the General Committee of the University Sports Association:**

FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.  
 PROFESSOR M. L. MITCHELL, M.Sc.

**On the S.A. Advisory Committee to the National Films Board:**

WILLIAM ALBERT COWAN, M.A.  
 PROFESSOR J. A. PRESCOTT, D.Sc., F.R.S.

**On the Physiotherapists' Board of South Australia:**

MARY KELL FINNIS.

## 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 } to found scholarships in memory of Dr. John
- 1934: Mrs. Davies Thomas—£200 } Davies Thomas.
- 1897: Sir Thos. Elder—£20,000 to endow the school of Medicine.
- 1897: Sir Thos. Elder—£20,000 to endow the school of Music.
- 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
- 1924: Public Subscriptions—£650 to commemorate Miss Sarah Elizabeth Jackson, M.A.
- 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 } towards the building and equipping of an  
 1936: Norman Darling—£5,000 } Institute of Medical Science.  
 1936: Mrs. T. E. Barr Smith—£5,000 }
- 1937: Sir William Mitchell, K.C.M.G.—£20,000 to endow the chair of Biochemistry.
- 1937: T. G. Wilson—£2,000 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—£5,000 for cancer research.
- 1939: Mrs. L. E. Bateman—£2,340 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 Gardiner; subsequently increased to £2,042.
- 1940: S. Russell Booth—£500 to found a prize in memory of Anna Florence Booth.

- 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—£35,107 (estimate) for pastoral research.
- 1942: Sir George Murray—£80,216 (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.
- 1946: The Hon. Sir Herbert Angas Parsons—£900 for such purpose as the Council should decide.
- 1946: E. F. Hern—£990 for cancer research.
- 1946: Mr. W. H. Bagot—£500 to found a prize in memory of his mother.
- 1947: The Broken Hill Proprietary Co. Ltd.—£10,000  
 Broken Hill South Ltd.—£10,000  
 North Broken Hill Ltd.—£17,500  
 Zinc Corporation Ltd.—£10,000  
 New Broken Hill Consolidated Ltd.—£2,500 } 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—£733 to found scholarships at the Elder Conservatorium in memory of Franz and Catherine Anders and of Gustav Reimers (increased in 1954 by capitalisation of £27 accumulated income).
- 1948: The Misses Ruth and Alfreda Bedford—£500 on behalf of their sister, Sylvia Bedford, to found a scholarship in memory of Sir Archibald Strong.
- 1948: F. W. H. Wheadon—£4,250 for the University Observatory.
- 1949: Clarice V. Crocombe—£3721 for the purposes of the Anti-Cancer Committee.
- 1949: Robert T. Melrose—£2,222 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—£16,177 for the purposes of the Waite Agricultural Research Institute.
- 1950: Mrs. F. M. Pontt—£200 to found a prize for Private International Law in memory of her father, Thomas Gepp.

- 1950: W. D. Grigg—£18,121 for the purposes of the Waite Agricultural Research Institute.
- 1950: J. T. Mortlock—the income from “The John Mortlock Medical Bequest” of £20,000 for the purposes of scientific research in the Medical School.
- 1951: Mr. R. C. Baker—£4,245 to found a scholarship in Law in memory of his father, Sir Richard Chaffey Baker, and his brother, Mr. J. R. Baker.
- 1951: Mrs. Guli Magarey—£1,000 to support two scholarships in Singing.
- 1951: A. J. N. S. Campbell—£500 to found a prize in Biochemistry in memory of Christopher and John Campbell.
- 1951: Miss Amylis I. Laffer—£400 to found a prize in History in memory of Natalia Davies.
- 1951: Dr. F. S. Hone—£100 to found a prize in Public Health and Preventive Medicine in memory of Thomas L. Borthwick.
- 1951: Mrs. Jessie Francis Raven—£2,450 to establish series of lectures in Philosophy in memory of her father, Gavin David Young.
- 1951: Constance Fraser—Income from Estate to establish the George Fraser Scholarship.
- 1952: £2,845 from Mrs. H. L. Heuzenroeder for the purposes of the Anti-Cancer Committee.
- 1952: Public Subscriptions—£600 to found the Frederick Bevan Scholarship for singing.
- 1952: Miss E. I. Lines—£500 to found the Eva Lines Memorial Scholarship for Piano.
- 1952: Mrs. G. Culross—£250 to found the William Culross Prize for scientific research.
- 1952: £200 from Mr. F. P. Shaughnessy to establish a fund for the purchase of magazines for the Union Library as a memorial to the late John Shaughnessy.
- 1953: Mrs. G. Hastings—£50,000 to establish the Gwen Michell Fund for medical research.
- 1953: T. E. Barr Smith, jun.—£13,875 to establish the Barr Smith Travelling Scholarship in Agricultural Science.
- 1953: Mrs. E. C. Hoare—£5,768 for the purposes of the Anti-Cancer Committee.
- 1953: W. Donnithorne—£2,544 to provide help for students in the Faculties of Law and Medicine.
- 1953: Miss E. A. Davey—£916 for research in diseases of the human body.
- 1953: Miss Lily Waite—£10,000 to support the work of the Waite Agricultural Research Institute.
- 1954: Repatriation Fund (Baillieu Gift) Act, 1937—£4,839 to found the Baillieu Research Scholarships.
- 1954: Friends of Miss Maude Puddy—£500 to found the Maude Puddy Scholarship in Pianoforte.
- 1954: Friends of the late D. B. Adam—£300 to found the D. B. Adam Prize in Plant Pathology.
- 1954: Mrs. A. L. C. Shorney—£1,000 to endow the Herbert Shorney Memorial Library.

## GIFTS

- 1879-82: The Right Hon. Sir S. J. Way, Bart.—£500 for University buildings.  
 1882-96: Sir Thos. Elder—£260 for prizes in Physiology.  
 1903-7: R. Barr Smith—£1,000 for the purchase of apparatus.  
 1907-12: Anonymous Donor—£1,500 for the purposes of the law school.  
 1904-6: The S.A. Chamber of Commerce—£75 for the purposes of the Board of Commercial Studies.  
 1903-14: John Shiels—£5 5s. for the purposes of the Board of Commercial Studies.  
 1905-19: The Pharmaceutical Society of South Australia—£102 18s. for general purposes.  
 1909-49: The British Medical Association (S.A. Branch)—£3,610 for the purchase of books.  
 1911: Anonymous Donor—£500 for the Lowrie scholarships in agriculture.  
 1913-25: G. Brookman—£20 p.a. for a scholarship in the Elder Conservatorium.  
 1920: E. Angas Johnson, M.D.—£50 for research work in comparative anatomy.  
 1923: J. Leon Jona, D.Sc., M.B., M.S.—£100 to form the nucleus of a students' loan fund.  
 1925: Miss Nellie Wilcox—£20 for equipment at the station for research in Botany at Koonamore.  
 1925: The Superphosphate Association of S.A.—£250 for equipment for the Waite Agricultural Research Institute.  
 1926: The Hon. Sir George Murray, K.C.M.G.—£100 towards the expenses of the Jubilee celebrations.  
 1928: W. J. Young—£1,000 for the erection of the fence on Victoria Drive.  
 1928-35: Imperial Chemical Industries Ltd.—£4,466 13s. 4d. for experiments in the use of nitrogenous fertilizers.  
 1936-7: Nitrogen Fertilizers Ltd.—£1,000 for experiments in the use of nitrogenous fertilizers.  
 1938-47: Imperial Chemical Industries Ltd.—£2,000 for experiments in the use of seed dressings.  
 1929: The Misses L. and E. Waite—£250 for improving the escarpment in the University grounds.  
 1931: The Hon. Sir George Murray, K.C.M.G.—£2,000 for the general purposes of the University.  
 1931: Chilean Nitrate Agricultural Service—£100 for research at the Waite Agricultural Research Institute.  
 1932-6: Advertiser Newspapers Limited—£200 for anthropological research.  
 1933-5: Pharmaceutical Society of South Australia Inc.—£300 towards the cost of the Johnson Chemistry Laboratories and £583 13s. for equipment.  
 1934: Broken Hill Associated Smelters Pty. Ltd.—£100 for apparatus for the departments of Physiology and Biochemistry.  
 1934-36: The Carnegie Corporation of New York—£3,313 10s. for work in mineral deficiencies of soils.  
 1937: The Misses L. and E. Waite—£2,000 for the University bridge.  
 1937: Sir William Mitchell, K.C.M.G.—£800 for the expenses of the Universities' Conference.  
 1937-50: The Institution of Engineers, Adelaide Division—£147 for the library.  
 1937-50: Professor M. L. Mitchell—£3,845 towards the cost of equipment and expenses in the Biochemistry Department.  
 1937-44: The Australian Wool Board—£8,600 } to assist investigations into  
     James Waite—£400 } soil erosion and pasture re-  
     Mrs. R. F. Mortlock—£100 } generation.  
     J. T. Mortlock—£1,500 }  
 1940-41: T. G. Wilson—£1,500 towards the salary of a Director in Obstetrics.  
 1939-41: The Carnegie Corporation of New York—£5,967 3s. 4d. for the purchase of books.  
 1940-41: The Carnegie Corporation of New York—£1,656 towards the salaries of foreign scholars.  
 1941: J. T. Mortlock—£1,000 to provide a residence at Yudnapinna.  
 1943-48: Imperial Chemical Industries Ltd.—£1,312 for investigations into sulphur drugs.  
 1944-50: The Australian Wool Board—£23,939 for investigations into pasture problems in the south-east of the State.

- 1945: Mrs. Phoebe Ferris—£250 for research into tuberculosis.  
 1946: Richard Watson—£150 for work in opera.  
 1947: Anonymous Donor—£200 for research into tuberculosis.  
 1948: The Broken Hill Proprietary Co. Ltd.—£5,000 towards equipping the Department of Mining and Metallurgy.  
 1948: Australian Red Cross Society—£278 for the training of social workers.  
 1948: Crippled Children's Association of S.A.—£200 ( For an investigation into The Government of South Australia—£139 } 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  
       Broken Hill South Ltd.—£4,000  
       Zinc Corporation Ltd.—£4,000  
       Imperial Chemical Industries Ltd.—£1,000 } For the purchase of equipment for the Department of Mining, Metallurgical and Chemical Engineering.  
 1949: Professor J. H. B. Tew—£100 to establish a fund on which the Professor of Economics may draw for prizes in Economics; capitalised in 1954 to establish the Professor Tew Prize.  
 1950: J. T. Mortlock—£1,000 a year for 15 years under his will, for the purposes of the Waite Agricultural Research Institute.  
 1950: Power Plant Ltd.—£400 } For equipment for the Department of Mining,  
       M. Moore—£200 } Metallurgical and Chemical Engineering.  
 1950: Australian Performing Rights Association—£105 towards the cost of the next Festival of Australian Music.  
 1950: Imperial Chemical Industries of Australia and New Zealand Ltd.—£500 for a Research Scholarship tenable at the Waite Agricultural Research Institute.  
 1951: £2,380 from an anonymous donor for the provision of the Staff Club in the University.  
 1951: Messrs. F. H. Faulding and Co. Ltd.—£100 for virus investigations.  
 1951: Aberfoyle Tin N.L.—£250  
       King Island Scheelite (1947) Ltd.—£100 } For equipment for the Department of Mining, Metallurgical and Chemical Engineering.  
 1951: The Viking Fund of New York—\$1,500 towards the cost of an anthropological expedition.  
 1952: An anonymous donor—£15,000 for the development of Clinical Medicine.  
 1952: Mrs. J. T. Mortlock—£10,000 to support the John Mortlock Research Station at Yudnapinna.  
 1952: £1,212 from the South Australian Members of the Institute of Chartered Accountants in Australia, £839 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.  
 1954: Motors Limited and Kingsway Limited—£2,000 to furnish and equip the Napier Birks Room for Economics, Commerce and Statistics.

## 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.

## 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.

Abbie, Andrew Arthur, D.Sc. (Sydney, 1941) - - - -		Allen, Maxwell George, B.Sc. - - - -	1949
†Abbott, Clifford Alexander, B.Sc. - - - -	1945	Allen, Murray William, B.E. - - - -	1950
Abbott, Charles Anthony Lempriere, LL.B. - - - -	1947	Allen, Roy, M.B., B.S. - - - -	1951
Abbott, Charles Arthur Hillas Lempriere, B.A. - - - -	1911	Allen, Shirley Hope, B.Sc. - - - -	1943
LL.B. - - - -	1914	†Allen, Thomas Howard, M.B., B.S. - - - -	1953
Abbott, Derek Athol Lempriere, LL.B. 1950	1950	Allen, William Douglas, B.Sc. - - - -	1934
Abbott, Geoffrey Joseph, B.E. - - - -	1921	Allert, Margaret Elizabeth, B.A. - - - -	1950
†Abbott, Howard Lockyer, B.A. - - - -	1952	Allison, John Kenneth, B.A. - - - -	1939
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.) 1942 surrendered) 1943	1943	Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - -	1947
Abbott, Nigel Basil Gresley, M.B., B.S. 1916	1916	Almond, William Wesley, B.Sc. (Eng.) - - - -	1945
Abbott, Nigel Drury Gresley, M.B., B.S. 1944	1944	Altmann, Arthur Richard, B.E. - - - -	1920
Abotomey, Olive Wanda, B.A. - - - -	1930	Altmann, Herbert Franz, M.B., B.S. - - - -	1922
°Adam, David Bonar, B.Ag.Sc. (Melbourne, 1922) - - - -	1939	Altman, Olive Stella, B.A. - - - -	1948
Adam, Elizabeth Anderson, B.A. - - - -	1949	Ambastha, Harendra Narayan Sinha, M.Ag.Sc. - - - -	1954
Adams, Arthur John Sorby, B.Sc. - - - -	1926	Ambrose, Betty Rosslyn, M.B., B.S. - - - -	1936
Adams, Colin Francis, B.E. - - - -	1934	Ambrose, John Rosslyn, M.B., B.S. - - - -	1943
Adams, Dorothy Sorby, M.B., B.S. - - - -	1922	†Ames, Peter Geoffrey, B.Sc. - - - -	1953
Adams, Edward James Stanley, B.E. - - - -	1941	Amey, Lloyd Ronald, B.Ec. - - - -	1951
*Adams, Frederick Penoyre, LL.B. - - - -	1923	Amos, George Lewis, M.Sc. - - - -	1939
Adams, John Clyde, B.E. - - - -	1941	Anders, Douglas John, B.Sc. - - - -	1936
Adams, Reginald Keith Sorby, M.A. - - - -	1926	Anders, Ralph Charles, B.E. - - - -	1934
Addison, Stanley Simpson, B.Sc. - - - -	1908	Andersen, Kerstin Lillemor, B.A. - - - -	1934
Adey, Colin Richard, B.Sc. (Eng.) - - - -	1942	Anderson, Adrian Akhurst, B.E. - - - -	1925
Adey, William Ross, M.D. (M.B., B.S., 1943) - - - -	1949	Anderson, Alan Bruce, B.Sc. - - - -	1922
†Adlam, Kenneth Charles, B.E. - - - -	1952	Anderson, Albert Raymond, M.B., B.S. - - - -	1951
Ahern, Kevin Barry, LL.B. - - - -	1951	†Anderson, Alex Gordon, B.Sc. - - - -	1953
†Aistrophe, Stanley Thomas, B.A. - - - -	1954	Anderson, Alison Margaret, B.A. - - - -	1937
Aitchison, Erica Nancy, B.A. - - - -	1931	Anderson, Aubrey James Clifton, B.A. - - - -	1947
Aitchison, Gordon Douglas, M.E. - - - -	1952	Anderson, Claude Leonard, M.B., B.S. - - - -	1953
Aitchison, Gordon James, M.Sc. - - - -	1945	Anderson, Colin Charles, B.Sc. (Eng.) - - - -	1944
Aitchison, Gordon John, B.E. - - - -	1927	Anderson, Donald Robert Ross, M.B., B.S. - - - -	1947
Aitken, Gilbert William Elliot, M.B., B.S. - - - -	1943	Anderson, Dorothy Kathleen Ross, M.B., B.S. - - - -	1942
*Akhurst, Adrian, LL.B. - - - -	1908	†Anderson, Douglas Bruce, B.E. - - - -	1952
Alcock, Dudley Horace, B.A. - - - -	1943	Anderson, Geoffrey Fraser, LL.B. - - - -	1943
Alderman, Arthur Richard, D.Sc. - - - -	1943	Anderson, Gwendoline Mary, B.A. - - - -	1933
Alderman, Colin Graham, M.B., B.S. - - - -	1943	Anderson, Isabella, B.A. - - - -	1930
Aldersey, Algernon, Lumley Haydon, B.Sc. - - - -	1950	Anderson, Jack Sidney, M.B., B.S. - - - -	1944
Aldersey, Richard Baker, B.Sc. - - - -	1923	Anderson, Max Kimberley, M.B., B.S. - - - -	1943
Alexander, Donald John, B.E. - - - -	1951	Anderson, Ronald Alexander, B.Sc. - - - -	1948
Alexander, Rosemary Margery Blanche, LL.B. - - - -	1935	Anderson, Sesca Ross, LL.B. - - - -	1941
Alexander, William Colin, B.E. - - - -	1928	Anderson (nee Lewis), Sylvia Hilda, M.Sc. - - - -	1954
†Alexandrovicius, Vera, B.D.S. - - - -	1954	Anderson, William Moffat, B.E. - - - -	1920
Allardice, John Graham, B.E. - - - -	1950	Andrew, Brian William, B.E. - - - -	1948
†Allen, David William, B.E. - - - -	1954	Andrew, Hugh Graham, M.B., B.S. - - - -	1941
Allen, Dulce Dawn, B.A. - - - -	1945	†Andrew, Ronald Headland, M.B., B.S. - - - -	1953
Allen, Edgar, M.A. - - - -	1913	Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932) - - - -	1947
Allen, Gordon Lewis, B.E. - - - -	1951	Andrews, Jean Mary Agnes, B.A. - - - -	1948
Allen, Gordon Vivian, B.E. - - - -	1936	Andrews, Julian, M.B., B.S. - - - -	1932
Allen, Gwenneth Dawn, B.Sc. - - - -	1947	Andrews, Murray William, B.Sc. - - - -	1949
Allen, Henry Joshua, M.A. - - - -	1926	Andrews, Richard Bullock, B.A. - - - -	1887
Allen, James Lawrence, B.A. - - - -	1935	LL.B. - - - -	1891
Allen, John Bernard, B.A. - - - -	1942	Angel, Laura Madeline, M.Sc. - - - -	1938
Allen, John Howard, B.Sc. - - - -	1916	Angel, Mary Taylor, M.B., B.S. - - - -	1931
†Allen, Kevin Reginald, B.D.S. - - - -	1952	Angley, Ronald James, M.Sc. - - - -	1954
Allen, Leonard Nicholls, M.A. - - - -	1933	Angove (nee Clare), Dorothy Cotgrave, B.A. - - - -	1912
Allen, Lois Waveney, B.A. - - - -	1913	Angove, Roger Clare, M.B., B.S. - - - -	1938
Allen (nee Mann), Margaret Noble, B.A. - - - -	1927	†Angus, Barbara Ann, M.B., B.S. - - - -	1954
		Angus, William, B.Sc. (Aberdeen, 1900) - - - -	1905
		Angus, William Roy, M.B., B.S. - - - -	1923
		Angwin, William Britton, B.Sc. - - - -	1909

\* Deceased.

† Not yet Members of the Senate.

Annear, Douglas Innes, B.Sc. - - -	1944	†Baker, Rosemary Anne, B.Sc. - - -	1952
Annells, Ralph Edward, B.D.S. - - -	1951	Baker, Walter Ross, B.E. - - -	1931
Annells, William Charles, M.A. - - -	1899	Bald, Robert Cecil, LL.B. - - -	1930
†Apostol, Vasille Papadimitriou, LL.B.	1952	D.Litt. - - -	1946
Appleby, Arthur George, B.E. - - -	1923	†Baldacchino, Charles Francis, M.B., B.S.	1952
Appleby, Cyril Angus, B.Sc. - - -	1949	Ball, Karl George, M.B., B.S. - - -	1946
Appleby, Harold Henry, M.B., B.S. - -	1925	Ballantyne, Elsie Ray, M.A. - - -	1931
Appleby, Ronald Louis, B.Sc. - - -	1950	Ballard, Leslie Alfred Tucker, B.Ag.Sc.	
Appleton, Edgar Arthur, B.A. - - -	1949	(Melbourne, 1932) - - -	1933
Apps, Bert Frederick George, B.A.		M.Ag.Sc. - - -	1933
(Melbourne, 1934) - - -	1949	†Balmer, Jean Jacques, B.A. - - -	1953
Archer, Geraldine, M.B., B.S. - - -	1948	Bampton, Colin Charles, B.Sc. (Eng.) -	1942
Archibald, Francis Callum, M.B., B.S. -	1944.	†Bampton, John Charles, M.B., B.S. -	1954
†Arcus, Wesley John, B.A. - - -	1953	Banks, Alan, B.E. - - -	1948
Arden, Felix Wilfrid, M.D. (M.B., B.S.,		Bannigan, John Thornton, B.Sc. - - -	1949
1931) - - -	1934	Bannister, Lloyd Benjamin, B.E. - - -	1951
Armstrong, Gowan, B.A. - - -	1951	†Banos, Poppy Kalliopi, B.Sc. - - -	1954
Arnold, Donald Clyde, B.E. (Interim		Barber, Howard Frank, B.A. - - -	1939
B.Sc. (Eng.) 1944 surrendered) - - -	1948	Barber, Kenneth, B.Sc. - - -	1944
*Arnold (formerly Weidenbach), Edwin,		Barbour, Graemme Madowal, M.A. - - -	1922
M.B., B.S. - - -	1907	Barbour, John Russell, M.S. (M.B., B.S.,	
Arnold, William Robert, B.E. - - -	1948	1934) - - -	1944
Arthur, Albert Ralph, B.E. (Interim		Barber, Robert, B.A. - - -	1916
B.Sc. (Eng.), 1942, surrendered) - - -	1947	Barbour, Robert Roy Pitty, M.A. (Ox-	
†Arthur, Brian Barry, LL.B. - - -	1954	ford, 1930) - - -	1930
†Arya, Michael Gosit, B.Sc. - - -	1952	Barden, Ronald George, B.E. (B.Sc.	
Ash, Arthur Louis George, B.A. - - -	1907	(Eng.), London, 1947) - - -	1954
Ashby, Enid Lucy, B.Sc. - - -	1947	Barker, Alwyn Bowman, B.E. - - -	1923
Ashby, Hazel Gwenyth, B.Sc. - - -	1945	B.Sc. - - -	1931
Ashenden, Leslie Edward, B.A. - - -	1949	Barker, Edgar James, B.E. - - -	1936
Ashton, Colin Baker, M.B., B.S. - - -	1941	†Barker, Shirley Bowman, M.B., B.S. -	1954
Ashton, Elizabeth Mary, M.A. - - -	1944	Barlow, Douglas Arthur, B.Sc. - - -	1942
Ashton, Evelyn Joyce, B.A. - - -	1943	Barlow, Grace Barbara, B.A. - - -	1951
Ashton, Harry Tambyn, B.Sc. - - -	1930	Barlow, Marguerite Mora, M.B., B.S. -	1947
Ashton, Joseph Everette, LL.B. - - -	1922	Barlow, Peter Douglas, B.E. (Interim	
Ashton, Mabel Winifred, B.A. - - -	1936	B.Sc. (Eng.) 1947 surrendered) - - -	1948
†Ashton, Thomas James, M.B., B.S. - -	1953	Barnard, Howard Lucas, B.E. - - -	1924
†Ashwin, Charles Robin, B.A. - - -	1952	Barnard, Marguerita Mira, B.A. - - -	1911
Ashworth, Clarice Mabel, B.A. (Syd-		Barnden, Vina Melba, Mus.Bac. - - -	1935
ney, 1917) - - -	1929	Barnes, Charles Stalley, M.Sc. - - -	1951
Astley, John Felix, LL.B. - - -	1922	Barnes, David Thomas, M.B., B.S. -	1951
Astley, Michael John, LL.B. - - -	1951	Barnes, Frederick Lynne, B.Sc. - - -	1938
Aston, Morrell Kenneth, B.Sc. - - -	1942	Barnes, Marjorie Joyce, LL.B. - - -	1937
B.A. - - -	1947	Barnes, Robert, M.B., B.S. - - -	1948
Atkins, Joan Darlington, LL.B. - - -	1937	Barnes, Thomas Alfred, M.Sc. - - -	1950
Atkinson, Douglas Ewen, B.Sc. (Eng.)	1949	Barnett, Samuel Powell, M.B., B.S. -	1927
Atkinson, Nancy, M.Sc. (Melbourne,		Barnfield, George Thomson, LL.B. - - -	1937
1932) - - -	1938	Barr, Helen Elizabeth, B.Sc. - - -	1947
Atwell, Leslie George Danks, B.A. - -	1930	Barracough, Sir Henry Egerton, M.E.	
Auricht, Reginald Theodore, M.B., B.S.	1948	(M.M.E., Cornell) - - -	1926
†Austin, Harold Lance, B.D.S. - - -	1952	Barrett-Lennard, Lancelot, M.B., B.S.	1947
Ayliffe, Roger Wyndham, B.Sc. - - -	1948	Barrett, Murray James, M.D.S. - - -	1949
†Ayoub, Charles Salim, M.B., B.S. - -	1954	Barrett, William Vernon, B.A. - - -	1949
B			
Backhouse, Paul Vivian, B.E. - - -	1950	Barrien, Beryl Stoddart, M.Sc. - - -	1938
Baddams, Greta, B.A. - - -	1940	Barrien, John, B.E. - - -	1948
B.Sc. - - -	1943	Barrow, Peter McKee, B.Ag.Sc. - - -	1949
Baddams, Violet Thiele, B.A. - - -	1938	Barry, Alfred, LL.D. (Oxford) - - -	1889
†Bade, Ronald Werner, M.B., B.S. - -	1952	Barry, Brian Robert, B.Ec. - - -	1950
Badenoch, Reginald Leslie, LL.B. - -	1936	Barter, Francis Charles, LL.B. - - -	1931
Badger, Colin Robert, M.A. - - -	1938	Barter, Kenneth Edwin, B.A. - - -	1931
Badger, Donald Gibson, B.Ec. - - -	1937	Barter, Robert Alexander, M.D. (M.B.,	
Badger, Geoffrey Malcolm, D.Sc. (Glas-		B.S., 1947) - - -	1953
gow) - - -	1950	Barter, Ruth Estelle, B.A. - - -	1931
†Badger, John Robert, M.B., B.S. - -	1952	Bartholomaeus, Clifford Geoffrey, B.E.	1930
*Badger, Lena Jessie, LL.B. - - -	1937	Bartholomaeus, Edmund Stanley, B.A.	1914
Badger, Robert, LL.B. - - -	1914	Bartleet, Nancy Irene, B.A. - - -	1939
Badman, Shirley, B.Sc. - - -	1945	Bartlett, William John, M.A. - - -	1914
Bnghurst, Harold Charles, B.E. - - -	1942	Barton, Felix Kingston, B.A. - - -	1911
Bagot, Edward Mead, M.A. - - -	1919	Barwell, Sir Henry Newman, LL.B. -	1899
Bagot, John Hervey, B.A. (Cambridge,		Barwell, Mary Gilbert, B.A. - - -	1926
1930) - - -	1931	†Basedow, Bernhard Frederick, B.Ec. -	1954
†Bahr, Trevor Ross, B.E. - - -	1954	Basedow, Fritz Johannes, B.E. (B.Sc.,	
Bailey, Alan Paterson, M.Ec. - - -	1952	1912, surrendered for B.E., 1913) -	1913
Bailey, Frederick Manson, B.Sc. - - -	1927	Basedow, Karl Johannes, M.B., B.S. -	1938
†Bailey, Hubert John, M.B., B.S. - - -	1954	†Basheer, Keith Cameel, M.B., B.S. -	1953
Bailey, Keith William, B.D.S. - - -	1951	†Basheer, Max Rafeek, LL.B. - - -	1952
†Bailey, Marjorie Anne Paterson, B.A.	1954	Bassett, Maxwell Auinger, B.Ec. - - -	1951
Bails, John Herbert, B.E. - - -	1951	Basten, Henry Bolton, M.A. (Oxford,	
Bain, Robert Vernon Stewart, M.Sc. -	1953	1954) - - -	1954
Baker, Arthur James Kendall, B.A. - -	1914	Batchelor, Florence Elizabeth Reine,	
Baker, Irvine Noel, B.Sc. - - -	1953	M.A. - - -	1931
†Baker, Ralph Alderton, M.B., B.S. -	1912	Bateman, Peter Patrick, M.B., B.S. -	1950
Baker, Robert Morgan, B.Ag.Sc. - - -	1940	Bateman, Wilfrid, B.Sc. - - -	1941
		Bates, Brian Lewis, B.Sc. - - -	1947

\* Deceased.

† Not yet Members of the Senate.



Bates, William George James, B.E.	-	1935	Benson, William Herbert, M.B., B.S.	-	1951
Bath, Donald James, B.E.	-	1950	†Bentley, Alan, M.B., B.S.	-	1953
Battye, Gavin Ross, B.E.	-	1949	Bentley, John Donald, B.A.	-	1951
Baudinet, Walter Hooper, M.B., B.S.	-	1935	Bentley, William James, B.A.	-	1935
Bauer, Franz, M.B., B.S.	-	1942	Beresford, Richard de la Poer, B.E.	-	
Bawden, Albert Victor, B.A.	-	1930	(Interim B.Sc. (Eng.), 1942, surrendered)	-	1949
†Bawden, Maxwell George, M.B., B.S.	-	1954	Berndt, Kenneth Lewis, B.Sc.	-	1937
Baxter, Reginald Robert, B.Sc.	-	1912	B.A.	-	1943
Bayliss, Colin Evan, M.B., B.S.	-	1951	†Berriman, Peter Souter, B.Sc.	-	1954
Bazeley, Francis, B.E.	-	1950	Berriman, Robert Harrold, B.E. (B.Sc., 1915, surrendered for B.E., 1919)	-	1919
Bean, Alan Reid, M.B., B.S.	-	1917	Bert, Ernest Julius, B.E.	-	1921
Bean, Sir Edgar Layton, B.A.	-	1913	Berry, Frances Winifred, M.A.	-	1919
LL.B.	-	1922	†Berry, Patricia Dean, B.Sc.	-	1952
Bean, Edgar Stewart, M.B., B.S.	-	1947	Berry, Philip Alan, M.Sc.	-	1934
†Bean, Malcolm James Layton, B.D.S.	-	1954	†Berry, Thomas Bruce, B.D.S.	-	1953
Beaney, Harold Leigh, B.E.	-	1932	†Bessant, Dorothy Elizabeth, B.A.	-	1952
Beard, Donald Douglas, M.B., B.S.	-	1947	†Best, Effie Deland, B.Sc.	-	1953
Beard, Jack Roland Stanley Grose, M.B., B.S.	-	1914	Best (nee Deland), Effie Wyllie, M.Sc.	-	1930
Beard, Roland Maurice Charles Georges, M.B., B.S.	-	1946	Best, Rupert Jethro, D.Sc.	-	1948
Beare, Frank Howard, M.D. (M.B., B.S., 1917)	-	1921	Bested, Gordon John, B.A.	-	1942
†Beare, Hedley, B.A.	-	1954	Bettison, Margaret Selina, B.A.	-	1949
Beare, John Alan, B.Ag.Sc.	-	1937	Betts, Beatrice Berenice, B.A.	-	1933
†Beare, Thomas Hudson, M.B., B.S.	-	1952	Betts, William James, M.B., B.S.	-	1941
Beare, Thomas James, B.E. (Interim B.Sc. (Eng.) 1949 surrendered)	-	1951	Bevan, Medhurst Llewellyn Willett, LL.B.	-	1931
†Bearman, Imelda, B.A.	-	1952	Beverley, David William Ernest, B.E.	-	1951
Beaton, Doris Jean, LL.B.	-	1940	Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	-	1947
Beauchamp, Edward Benjamin, LL.B.	-	1927	Beviss, Archibald Charles Kidman, B.A.	-	1943
Beaumont, Paul Charles, B.A.	-	1921	Bhavilaj, Rawi, M.Sc.	-	1952
Beaumont, Olive Sowter, B.A.	-	1939	Biaggini, Ernest Gordon, D.Litt.	-	1944
Beck, Alan Beavis, M.Sc.	-	1932	Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	-	1920
Beck, Merlin Benjamin, B.Ag.Sc.	-	1949	Bickford, Reginald Nevill Cudmore, M.B., B.S.	-	1935
Beck, Robert George, B.Ag.Sc.	-	1941	Biddle, Enid Barbara, B.A.	-	1948
Beckwith, Ralph Symonds, B.Sc.	-	1944	Biddle, Gordon Crawford, B.Sc.	-	1950
Beckwith, Shirley Katie, B.A.	-	1939	Bidstrup, Patricia Leslie, M.B., B.S.	-	1939
Bednall, Brian Herbert, B.Sc.	-	1925	†Biele, Keith William, B.Ec.	-	1952
†Bednall, David Maurice, LL.B.	-	1953	Billing, Geoffry Chandos, B.A.	-	1922
Bednall, Maurice William, LL.B.	-	1924	†Billingshurst, Harry, B.E.	-	1954
Beech, Ernest Robert, M.B., B.S.	-	1932	Billitzer, Anthony Wolfgang, M.Sc.	-	1952
†Beech, Margaret Doris, B.Sc.	-	1952	Bills, Allan Maynard, B.A.	-	1931
Beecham, Anthony Frank, B.Sc.	-	1950	Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	-	1949
Begg, Barbara Rosemary, B.Sc.	-	1957	Bills, David Charles, B.Sc.	-	1950
Begg, Betty Shannon, M.B., B.S.	-	1949	Bills, Lawrence McAusland, LL.B.	-	1937
Begg, Percy Raymond, B.D.S. (Melbourne, 1924)	-	1932	Bills, Malcolm Bruce, B.D.S.	-	1947
D.D.Sc.	-	1935	Bilney, Neil Joseph, B.A.	-	1938
Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered for B.E., 1918)	-	1918	Binns, Raymond Thomas, M.D. (M.B., B.S., 1923)	-	1937
Behndt, Arthur Clive, M.B., B.S.	-	1948	Birch, John Bright, M.B., B.S.	-	1915
†Beilby, Bruce Farnell, B.E.	-	1952	Birch, Louis Charles, D.Sc.	-	1949
Bell, Arthur Hammond, M.A.	-	1925	Birdseye, Sydney Alick, M.B., B.S.	-	1951
Bell, Donald George, B.A.	-	1941	Birks, Peter Macintyre, M.B., B.S.	-	1934
Bell, Edith Bevilacqua, B.A.	-	1936	Birks, Walter Gordon, M.B., B.S.	-	1937
Bell, Franklyn Gilbert, M.B., B.S.	-	1949	Birks, Walter Richard, B.Sc.	-	1910
†Bender, Jill Margaret, B.A.	-	1954	Black, Edward William, Mus.Bac.	-	1925
Benjaminson, Albert, B.E.	-	1951	Black, Eustace Couper, M.B., B.S.	-	1910
Bennett (nee Berriman), Annie Stevens, B.A.	-	1919	Black, Geoffry Howard Barham, M.B., B.S.	-	1916
Bennett, Charles Gordon, B.A.	-	1922	Black, Nancy Helen Barham, M.B., B.S.	-	1951
Bennett, David John, B.Sc.	-	1932	Blackburn, Arthur Seaforth, LL.B.	-	1913
Bennett, Donald Collier, M.B., B.S.	-	1946	Blackburn, Sir Charles Bickerton, B.A.	-	1893
†Bennett, Donald John, B.E.	-	1954	Blackburn, Harold Stewart, M.B., B.S.	-	1942
Bennett, Floyd Chester, B.A.	-	1951	Blackburn, John Stewart, B.A.	-	1914
Bennett, Frederick Norman, B.A.	-	1905	Blackburn, Margaret Alison, B.A.	-	1951
Bennett, Graham Leslie, M.B., B.S.	-	1935	Blackburn, Richard Arthur, B.A.	-	1939
Bennett, Henry Trevor, LL.B.	-	1950	Blackburn, Robert Stewart, B.D.S.	-	1941
Bennett, John Barkly, M.B., B.S.	-	1947	Blackburn, Suzanne Burton, M.B., B.S.	-	1948
Bennett, John Nelson, LL.B.	-	1944	†Blacket, Alison Flora, B.A.	-	1954
Bennett, Keith McQuarrie, B.E.	-	1925	Blacket, Arthur Howard, B.A.	-	1927
Bennett, Mary Gilmour, B.Sc.	-	1951	Blacket (nee Dickinson), Edith Grace, B.A.	-	1926
Bennett, Norman Robertson, M.B., B.S.	-	1919	Blades, James Frederick, B.A.	-	1947
Bennett, Richard Barkly, M.B., B.S.	-	1948	Blaess, Frederick John Henry, M.A.	-	1943
†Bennett, Richard Clayton, M.B., B.S.	-	1954	Blaess, Ronald Frederick, B.A.	-	1943
Bennett, Thomas Southall, B.A.	-	1933	Blair, David Scott, B.E.	-	1949
Bennier, Donald John, B.E.	-	1951	*Blair, Euphemia Theodosia, M.A.	-	1916
Benskin, Frederick George, M.A. (Oxford, 1900)	-	1928	Blair, Joan Scott, B.A.	-	1949
†Benson, Colin John, M.B., B.S.	-	1953			
Benson, Maurice Bernard, B.A. (London)	-	1950			
†Benson, Richard Neville, M.B., B.S.	-	1953			

\* Deceased.

† Not yet Members of the Senate.

Blair, Ruth Margaret, B.A.	- - -	1951	Boyce, Althea Enid, B.A.	- - -	1930
Blake, Milton Audley, B.Sc.	- - -	1923	† Boyce, Robert William, B.E.	- - -	1954
Blakeway, Lionel Norman, B.A.	- - -	1948	Boyce, Sidney Herbert, B.E.	- - -	1928
Blaskett, Alan Charles, B.Sc.	- - -	1950	† Boylan, Francis Eugene, LL.B.	- - -	1953
Blaskett, Donald Reginald, B.E.	- - -	1940	Boyle, Kevin William, B.E.	- - -	1940
Blaskett, Kenneth Selway, B.E.	- - -	1931	Boyle, Lester Robert, M.D.S. (B.D.S.,	- - -	
Blaskett, Sydney Norman, B.E.	- - -	1928	1943)	- - -	1947
Bleby, Dorothy Aileen, B.A.	- - -	1930	Bracken, Maurice John, B.A.	- - -	1947
Bleby, Gordon Edward Henry, LL.B.	- - -	1931	Braddock, Lyall Arthur, B.Ec.	- - -	1944
Bleby, John Raymond, B.A.	- - -	1933	Braden, Allan Walter Horace, B.Sc.	- - -	1947
Bleby, Thelma Evelyn, LL.B.	- - -	1923	Bragg, Sir William Lawrence, B.A.	- - -	1908
Blesing, Rae Flora, B.A.	- - -	1947	Brame, Alan John Fisher, B.E.	- - -	1951
Blight, John Malcolm, B.Sc.	- - -	1950	Bramwell, Myra Gladys, B.A.	- - -	1940
Blight, Thomas David, B.Sc.	- - -	1951	Brandstater, Bernard John, M.B., B.S.	- - -	1951
Bloomfield, Allan John, B.D.S.	- - -	1939	Brandstater, Rhona, B.Sc.	- - -	1949
Bloomfield, Jack Lee, B.Ec.	- - -	1943	† Branson, Colin William, B.Ec.	- - -	1953
Blown, William Baker, B.E.	- - -	1930	Branson, Harold Randolph, M.B., B.S.	- - -	1921
Boas, Isaac Herbert, B.Sc.	- - -	1899	Brasch, Leonard William, B.Sc.	- - -	1950
Boehm, Ernst Arthur, B.Ec.	- - -	1949	Brauer, Edwin Harold, B.A.	- - -	1947
† Boehm, Jack, LL.B.	- - -	1952	Brauer, Herman Gustav Adolph, M.A.	- - -	
Boehm, Rolfe Vernon, B.E.	- - -	1935	(Wisconsin, 1899)	- - -	1905
† Boehm, Walter Gotthilf, B.A.	- - -	1953	Braunsthal, Norman Frank, B.Ec.	- - -	1947
Boer, Edward Douglas, M.B., B.S.	- - -	1942	Brawn, May, M.A.	- - -	1924
Bolin, Beverley Louise, B.E.	- - -	1948	Bray, Andrew Mackie, B.E.	- - -	1950
* Bollen, Christopher, M.D. (Toronto,	- - -		Bray, Elva Mildred, B.A.	- - -	1941
1891)	- - -	1894	Bray, Gildart Harvey, M.A. (Aberdeen,	- - -	
Bollen, Derek Willoughby, LL.B.	- - -	1951	1890)	- - -	1891
Bollen, Kenneth Willoughby, M.B., B.S.	- - -	1918	Bray, Isabel Mary, B.Sc.	- - -	1951
Bond, Leonard Gordon, B.A.	- - -	1924	Bray, John Jefferson, LL.D.	- - -	1937
† Bond, William Elmhirst Tucker (B.A.,	- - -		Bray, John Marmion, B.Sc.	- - -	1942
Cambridge), B.Sc.	- - -	1952	Bray, Robert Stow, B.Sc.	- - -	1950
Bone, Maxwell Harold, B.A.	- - -	1938	Bray (nee Trengove), Rosalie Irene,	- - -	
Bonner, Brian Christopher, B.Sc.	- - -	1950	M.A.	- - -	1930
Bonnin, James Arthur, M.B., B.S.	- - -	1946	Bray, William Harry, LL.B.	- - -	1951
Bonnin, Josiah Mark, M.D. (M.B., B.S.,	- - -		Brazel, James Francis, LL.B.	- - -	1926
1936)	- - -	1947	Brazier, John Richard, B.A.	- - -	1948
Bonnin, Lansell, M.B., B.S.	- - -	1941	† Breakey, Angus James, B.E.	- - -	1953
Bonnin, Murray Frew, LL.B.	- - -	1936	Breakwell, Ernest James, M.Ag.Sc.	- - -	
B.A.	- - -	1947	(B.Sc.Agr., Sydney, 1931)	- - -	1939
Bonnin, Noel James, M.S. (M.B., B.S.,	- - -		Brealey, Keith Lisle, B.Sc.	- - -	1951
1932)	- - -	1944	† Brebner, Charles Cave, LL.B.	- - -	1918
Bonython, Charles Warren, B.Sc.	- - -	1938	† Brebner, Charles Ross, LL.B.	- - -	1954
Bonython, John Langdon, B.A. (Cam-	- - -		Brebner, Donald Malcolm, LL.B.	- - -	1951
bridge, 1928)	- - -	1928	Bree, Ellen Ruth, B.A.	- - -	1942
Booker, Robert Franklin, M.A.	- - -	1931	Bree, Joan Alison, B.Sc.	- - -	1948
Boomsma, Clifford David, M.Sc.	- - -	1949	† Brentnall, George Rex, M.B., B.S.	- - -	1953
† Boord, Leslie, B.E.	- - -	1953	Brett, Horace William Walter, B.Sc.	- - -	1951
Booth, Edward Stirling, B.Sc.	- - -	1932	† Brice, Annette, B.A.	- - -	1954
Booth, Jean Marie, Mus.Bac.	- - -	1944	Brice, Emilie Una, B.A.	- - -	1937
Boothby, Charles Brinsley, LL.B.	- - -	1886	† Brice, Helen Elizabeth, B.Sc.	- - -	1953
Borland, Francis Thomas, M.A. (Mel-	- - -		Brice, John Marshall, B.Sc.	- - -	1951
bourne)	- - -	1952	Brideson, Hedley Cyril, B.A.	- - -	1943
Borrow, Keith Travers, LL.B.	- - -	1939	Bridgland, Milton Deane, B.Sc.	- - -	1942
Boscence, William Edward Bruce, M.S.	- - -		Bridgland, Reginald James, M.A.	- - -	1935
(M.B., B.S., 1937)	- - -	1947	Bridgen, James Bristock, B.A. (Oxford,	- - -	
Bosher, Peter Abel, B.E.	- - -	1950	1920)	- - -	1926
Bosher, Victor James Marcel, M.Sc.	- - -	1949	Bright, Charles Hart, B.A.	- - -	1934
Bosworth, Richard Charles Leslie, D.Sc.	- - -	1938	LL.B.	- - -	1934
Bosworth, Richard Leslie Eugene, B.Sc.	- - -	1901	Brindal, Rosemary Barbara, M.B., B.S.	- - -	1949
Botham, John Robert, B.Ag.Sc.	- - -	1950	Brisbout, John Augustus Roger, M.B.,	- - -	
Botten, Robert Gray, M.B., B.S.	- - -	1949	B.S.	- - -	1950
Boucaut, James Penn, LL.B.	- - -	1939	Broadbent, Eric Elihu, M.B., B.S.	- - -	1917
Boundy, Clive Alfred Paul, B.E.	- - -	1935	† Broadbent, Henry Neil Gribble, B.E.	- - -	1952
Boundy, Rex, B.E.	- - -	1923	† Broadbent, Ian Nicholas, M.B., B.S.	- - -	1954
Boundy, William Stevenson, B.Sc.	- - -	1950	† Broadfoot, Kenneth Davidson, B.E.	- - -	1954
Bourke, Elma Marie, B.A.	- - -	1933	Brock, Rex Richard Ashby, M.B., B.S.	- - -	1949
* Bourke, George Herbert, B.A.	- - -	1924	Brocksoy, John Ernest, LL.B.	- - -	1934
Bourke, Herbert Merwin, M.B., B.S.	- - -	1922	Brockway, George Ernest Emerson,	- - -	
Bourne, Malcolm Cornelius, B.Sc.	- - -	1949	B.Sc.	- - -	1921
† Bowden, John Gilmore, B.Sc.	- - -	1954	Brokensha, Peter, B.E.	- - -	1950
Bowden, Kevin Benjamin, B.E.	- - -	1951	Bromfield, Donald Hamilton, M.B.,	- - -	
† Bowden, Wallace Auckland, M.B., B.S.	- - -	1953	B.S.	- - -	1946
Bowering, Beryl, M.B., B.S.	- - -	1933	Bronner, Rudolph, M.A.	- - -	1926
† Bowering, Douglas Charles, M.B., B.S.	- - -	1954	Brook, Donald Leslie, B.E.	- - -	1949
Bowering, Owen Wheatley, M.B., B.S.	- - -	1937	Brooke, Joyce Ethel, M.Sc.	- - -	1939
Bowes, Colin Robert, B.Sc.	- - -	1945	Brooke, Malcolm Archibald, B.E.	- - -	1925
Bowes, Donald Ralph, M.Sc.	- - -	1948	Brooke, William Charles Robert, B.E.	- - -	1931
† Bowey, Allan Edgar, B.Sc.	- - -	1953	Brookman, Benjamin Edward, M.B.,	- - -	
Bowey, Keith Wilfred, B.E. (Interim	- - -		B.S.	- - -	1944
B.Sc. (Eng.), 1947, surrendered)	- - -	1949	Brookman, Graham George, B.E.	- - -	1949
Bowey, Ross Richard, M.B., B.S.	- - -	1948	Brookman, John Gordon, B.E.	- - -	1937
Bowler, John Kirkpatrick, M.B., B.S.	- - -	1937	Brookman, John Ragless, M.E.	- - -	1925
Bowness, Alexander, B.Ec.	- - -	1947	* Brooks, Albert Joseph, B.A.	- - -	1904
			Brooks, Brian John, B.E.	- - -	1951

\* Deceased.

† Not yet Members of the Senate.

Brooks, George Herbert, B.Sc. (Eng.)	1943	Burdett, John Charles, LL.B.	1951	1951
†Brooks, Hector Buckland, B.Ag.Sc.	1954	Burdon, Ella Kate (nee McRostie), B.A.	1915	1953
†Brooks, James Alfred, B.Sc.	1952	Burdon, Geoffrey Jasper, B.E.	1949	1951
Brooks, Joyce Dardanella, B.A.	1945	Burdon, Ivor Leslie, B.A.	1943	1935
Brooks, Merle Olive, B.A.	1947	Burdon, Kenneth Roy, M.B., B.S.	1949	
Brooks, Mervyn Leslie, B.Sc.	1948	Burdon, Roy Stanley, D.Sc.	1935	1949
Brooks, Richard Rodney, B.E.	1935	Burfield, Arthur, B.A.	1934	1937
Broomhead, Edwin Norman, M.A.	1940	Burfield, Lance Samuel, B.E.	1940	1943
Brose, Henry Herman Leopold Adolph, D.Sc.	1931	Burford, Warren Lindsay, B.Sc.	1945	1954
†Broughton, Rodney Whitfield-Smith, B.E.	1953	Burger, George Emanuel, M.Sc. (Ph.D., Vienna, 1927)	1940	1919
Brous, Michel, M.B., B.S.	1945	Burgess, Annie Frances, B.A.	1909	1921
Brown, Arthur Cubitt, B.E. (B.Sc., 1911, surrendered for B.E., 1914)	1914	Burgess, Leslie Frank, B.Sc.	1908	1919
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge)	1926	Burgess, Norman Cecil, B.E.	1923	1952
Brown, Cyril Maitland Ash, B.A.	1932	Buring, Franz Maurice, B.E.	1923	1934
†Brown, Donald Edgar, B.A.	1954	Buring, Rupert Hermann Maurice, B.Sc.	1929	1952
Brown, Dougal Hamilton, B.E.	1948	Burnard, David Alexander, Mus.Doc.	1932	1953
Brown, Enid Norma, B.A.	1939	Burnard, Patricia de Garis, B.A.	1935	1930
Brown, Ernest William, D.Sc. (Cambridge, 1897)	1914	Burnard, Renfrey Gershom, M.B., B.S.	1904	1948
Brown, Frederick George, B.A. (London, 1898)	1906	Burnard, Richard de Garis, M.B., B.S.	1937	1942
B.Sc.	1910	†Burnard, William Frank, B.Sc.	1952	1949
†Brown, Graham Barrett, B.E.	1952	Burnell, Arthur William, M.B., B.S.	1943	1933
†Brown, Geoffrey Frank, B.Sc.	1952	*Burnell, Glen Howard, M.D. (M.B., B.S., 1916)	1920	1941
Brown, Geoffrey Ivan, B.D.S.	1946	Burnell, Reginald George, B.A.	1905	1931
Brown, Geraldine Whittle, B.Sc.	1949	Burnett, Baltimore Edward Thackeray, B.A.	1937	951
Brown, Henry, M.A.	1924	Burnett, Leonard Ward, B.E.	1949	
B.Ec.	1936	Burnham, Mary Elizabeth, B.A.	1951	947
Brown, Howard Arthur, B.E.	1938	Burns, Chester Arnold, B.D.S.	1929	943
Brown, Ian, B.Sc.	1940	†Burns, Clement Aylesbury Colin, M.B., B.S.	1954	952
Brown, James Howard, M.B., B.S.	1944	Burns, John Cumming, B.D.S.	1926	944
†Brown, Joan, B.Sc.	1954	†Burns, Marjorie Ruth, B.A.	1952	920
Brown, John Arthur Stacy, B.Sc.	1951	Burns, Mary Leonora, M.A.	1931	
†Brown, Judith Eileen, B.Sc.	1954	†Burns, Peter James Stedman, M.B., B.S.	1954	935
Brown, Kenneth Aylesbury, B.D.S.	1950	*Burns, William Middleton, LL.B.	1920	948
Brown, Kenneth Barden, M.B., B.S.	1942	Burnside, James Patrick, B.Sc.	1950	950
Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.) 1946 surrendered)	1948	Burrage, Betty Dalmahoy, B.Sc.	1944	939
Brown, Mary Home, B.Sc.	1902	Burrell, Edward Sampson, B.D.S.	1940	952
†Brown, Maurice William, M.B., B.S.	1954	Burrow, Allan Lincoln John, B.Sc.	1937	922
†Brown, Norman, B.A.	1952	Burrow, John Francis, B.D.S.	1951	954
Brown, Reginald Dutton, B.Ec.	1945	Burston, Robin Archibald, M.B., B.S.	1943	952
Brown, Richard Archibald, B.E.	1954	Burston, Samuel Roy, M.B., B.S. (Melbourne, 1910)	1930	931
†Brown, Robert Foster, LL.B.	1936	Burton, Alice Madge, M.A.	1931	949
†Brown, Roger Norman, B.Sc.	1952	Burton, Dudley Hopetoun, B.A.	1938	950
Brown, Ross Alvarez, M.B., B.S.	1951	Burton, Maxwell, Victor, B.Ag.Sc.	1950	937
Brown, Tasman, B.D.S.	1950	Burton, Nancy Glen, B.A.	1932	947
Brown, Warwick Day, B.Sc.	1944	Burville, George Henry, M.Ag.Sc. (B.Sc. Agric., Western Australia, 1931)	1939	938
†Browne, Noel John, M.B., B.S.	1953	Bush, Lilian, M.A. (Edinburgh, 1933)	1953	937
Browne, Philip, M.A.	1928	Butcher, Alan Edward, B.A.	1931	915
†Brownell, Angus Lauriston, B.E.	1952	†Butler, Deirdre Brigid, B.Sc.	1953	949
Brownell, Peter Ferguson, B.Ag.Sc.	1951	Butler, Frederick Stanley, M.A.	1893	951
Browning, Thomas Oakley, B.Sc., 1949 Ph.D.	1951	Butler, James Mortimer, B.Sc.	1951	934
Bruce, Clifford Roy, B.A.	1949	†Butler, Joan Hilary, B.Sc.	1954	937
Bruce, The Right Honourable Stanley Melbourne, LL.D. (Cambridge, 1923)	1926	Butler, Kathleen Fiona, B.A.	1944	910
Brummitt, Donald William, M.B., B.S.	1938	Butler, Peter Forsythe, M.Ag.Sc.	1951	925
Bryan, Claude John Dennis, M.B., B.S.	1950	†Butler, Randal St. John Michael, M.B., B.S.	1954	910
†Bryan, Peter Kaye, M.B., B.S.	1954	Butler, Stuart Thomas, M.Sc.	1948	916
Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.) 1947 surrendered)	1948	Butler, William Henry, B.Sc.	1931	951
Buckley, Joseph Edward, B.Sc.	1950	Butterworth, Boyd Robert, M.B., B.S.	1951	313
Buckett, Reginald Clement, B.E.	1931	Butterworth, Clarence Gerald Roy, B.A.	1929	393
Bulbeck, Francis Paul, B.E.	1951	†Butterworth, David John, B.Sc.	1952	342
Bull, Frank Bertram, B.E. (B.Sc., London, 1937)	1953	Butterworth (nee Foster), Helen Lesley, M.Sc.	1954	914
Bull, Winnifred, B.A.	1943	Buttsworth, Peter Walter, B.E.	1951	339
†Bullas, Leonard Raymond, B.Sc.	1953	Buttery, Roland Richard, LL.B.	1924	341
Bulling, William John, B.E.	1939	†Buttery, Ronald Gordon, B.Sc.	1952	348
Bullock, John Hynam, B.E.	1936	Button, Reginald Ernest, B.E.	1934	354
Bundey, David Hamilton, B.E.	1951	Buttrose, Ian, LL.B.	1918	327
Bundey, John Goode, M.B., B.S.	1947	Byard, Douglas John, B.A. (Oxford, 1882)	1889	326
†Bundrock, William John, B.E.	1952	Byles, Baldur Unwin, B.Sc.	1925	347
†Bungey, Roger Saunders, B.Sc.	1952	Byrne, Alfred Dudley, M.R., B.S.	1927	343
Bunney, Bronte Rowland, B.Sc.	1951	Byrne, Bernadette Marie Therese, B.A.	1950	349
†Burchett, Kemerri Ann, LL.B.	1953	†Byrne, Peter Noel, B.Ag.Sc.	1952	316
B.A.	1954	†Byrne, William Creedon, B.Sc.	1954	349

\* Deceased.

† Not yet Members of the Senate.

C	
Cahalan, Maurice James, B.Sc. (Eng.)	1945
*Cairns, Hugh William Bell, M.D. (Oxford) (M.B., B.S., 1917)	1948
Calder, David Everard, B.E.	1949
Calder, Rex Finlayson Cormack, B.E.	1927
Calder, Ronald Rex, B.E.	1950
Calder, Shirley Hilda, M.B., B.S.	1950
Caldicott, Emma Victoria, B.A.	1927
Caldwell, Hilda Valmai, B.Ec.	1941
†Callaghan, John Phillip, LL.B. (B.A., 1952)	1953
†Callus, Francis Arthur, B.Sc.	1954
Camens, Ivan Maurice Henry, M.B., B.S.	1947
†Cameron, Cyril Thomas Murray, M.B., B.S.	1954
Cameron, Ian Edmund, LL.B.	1950
Cameron, Robert Ewen, B.A.	1921
Cameron, Roy James, M.Ec.	1951
Campbell, Allan Gordon, M.S. (M.B., B.S., 1938)	1950
Campbell, Archibald Herbert, B.A.	1925
Campbell, Archibald Way, M.B., B.S.	1896
Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889)	1889
Campbell, Donald, LL.B.	1911
Campbell, Florence Way, Mus.Bac.	1897
Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Campbell, Gordon Cathcart, B.A., LL.B.	1906
†Campbell, Ian George, M.B., B.S.	1953
Campbell, James Way, B.A., LL.B.	1903
Campbell, Jessie, B.A.	1905
Campbell, Jessie, B.A.	1908
Campbell, Kenneth Bruce Desmond, B.E.	1929
Campbell, Thomas Draper, D.D.Sc. (B.D.S., 1921)	1931
Canaway, Geoffrey Watson, B.E.	1923
Cannell, Cedric James, B.Sc.	1939
Cannell, Cedric James, B.Sc.	1951
Cannoy, Richard Francis, M.A., B.Sc.	1931
Cannoy, Richard Francis, M.A., B.Sc.	1922
Cannoy, Richard Francis, M.A., B.Sc.	1926
Canning, Albert Edward, B.E.	1949
†Canny, Kevin Francis, LL.B.	1953
Canny, Nicholas Joseph, B.Sc.	1947
Cant, Alistair McKinnon, B.A.	1939
Cant, Harry Arundale, B.Sc.	1924
†Cant, Isobel Brown, B.A.	1954
Cant, Rodney Revett, B.Ag.Sc.	1949
†Carden, David, M.B., B.S.	1953
Carey, Edward John, B.Ec.	1946
Carey, Francis Clive Savill, Mus.Bac. (Cambridge, 1906)	1924
†Carey, John Gilbert, B.Sc.	1954
*Carlin, Cyril Brooke, M.B., B.S.	1926
Carman, Robert Douglas, M.S. (M.B., B.S., 1939)	1948
Carman, Stephen Hewett, LL.B.	1936
Carmen, Noel Francis, B.A.	1947
Carmichael, Donald Ross, B.A.	1950
Carne, Alfred George, B.A.	1912
Carne, Ian Hamilton, B.E.	1940
Carr, Emma Lucy, B.A.	1917
Carroll, Mary Philomena, B.A.	1933
*Carslaw, Horatio Scott, D.Sc. (Sc.D., Cambridge, 1908)	1926
Carter, Alan Norval, M.Sc.	1954
Carter, Charles Robert, B.Sc.	1947
Carter, Edward Diment, B.Ag.Sc.	1949
Carter, Elizabeth Reay, B.A.	1942
Carter, Frank Killingbeck, B.Sc.	1922
†Carter, Ian Dan, M.B., B.S.	1952
Carter, Ida Jane, B.A.	1918
Carter, Maurice Vernon, B.Ag.Sc.	1951
Carter, Maxwell John, B.Sc.	1948
†Carter, Melville Lionel, M.B., B.S.	1953
Carthew, Allen Rex, B.Sc.	1949
Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
†Carthew, John, B.E.	1952
Carthew, Lancelot, B.A.	1932
Cartledge, Jack Pickering, LL.B.	1921
Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
Cashmore, Alec Brooke, M.Sc.	1938
Cashmore, George Herbert, M.B., B.S.	1927
Cashmore, Helen Patricia, B.A.	1948
Casling, Reginald Herbert, B.E.	1951
Casson, Leslie Frank, M.A.	1928
Casson, Paul Bevis, B.Sc.	1935
†Castle, Edgar Woods, B.A.	1952
†Castle, Robert Norman, M.B., B.S.	1953
Catcheside, David Guthrie, D.Sc. (London)	1952
Catchlove, Sydney George Leyland, M.B., B.S.	1907
†Catchpole, John Roger, B.Sc.	1952
†Cathro, Keith James, B.E.	1954
Causby, Donald James, B.E.	1950
Caut, David Kennings, M.B., B.S.	1946
*Caut, Leslie George William, B.A.	1921
†Caut, Leslie James, M.B., B.S.	1954
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902)	1931
Cawdle, Robert Ferris, B.E.	1951
Cawte, Frederick George Nelson, B.A.	1943
Cawte, John Ewart, M.B., B.S.	1949
Chalklen, Gwendoline Elizabeth, B.A.	1930
Chamberlain, Reginald Roderic St. Clair, LL.B.	1922
Chambers, William Charles Teesdale, M.B., B.S.	1942
*Champion de Crespigny, Sir Constantine Trent, M.D. (Melbourne, 1906)	1913
Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930)	1933
Chandler, Arthur James, M.B., B.S.	1927
Chapman, Arthur Horsley, B.E.	1927
Chapman, Ernest Stirling, B.D.S.	1928
Chapman, Frank Hewett, LL.B.	1930
Chapman, John Marsden, B.A.	1934
†Chapman, Peter Noel, B.D.S.	1952
*Chapman, Robert Hall, M.E. (B.Sc., 1910, surrendered for B.E., 1913)	1921
Chapman, Stanley Bertram, B.Sc.	1931
Chapman, Stanley Bertram, B.Sc.	1934
Chapman, William Glanville, B.E.	1935
†Chappell, John Francis, B.E.	1952
Chappell, John Graham, B.Sc.	1950
†Chappell, William Thomas, M.B., B.S.	1953
Chapple, Alfred, B.Sc.	1894
Chapple, Colin Frederic, M.B., B.S.	1936
Chapple, Harold, B.Sc.	1900
Chapple, Phoebe, B.Sc.	1898
Chapple, Phoebe, B.Sc.	1904
Chard, June Myra, M.B., B.S.	1947
†Charlesworth, George Harvey, B.A.	1953
Charlesworth, Thomas William, M.A.	1932
Chartres, Bruce Alwyn, M.Sc.	1953
Cheek, Allison Mary, B.A.	1949
Cheek, Bruce Mansfield, M.A.	1949
Cheek, Donald Brook, M.D. (M.B., B.S., 1947)	1953
Cheek, Nancy Olive, M.B., B.S.	1942
Cheesman, Graham Frank, M.B., B.S.	1946
†Chellew, Thelma Loraine, B.Sc.	1954
Chenell, John Gordon Peake, B.Sc.	1951
Cherry, Aileen Percival, B.A.	1934
Cherry, Aileen Percival, B.A.	1949
Cherry, Alan Percival, M.B., B.S.	1941
Cherry, Edward Percival, M.B., B.S.	1938
†Chesney, David Alexander, B.Sc.	1954
Chester, Harry Leonard, M.B., B.S.	1925
Chester, Leonard Raymond, B.Sc.	1951
Chesterman, Harry Martin, B.E.	1950
Chibnall, Helen, B.Sc.	1944
Chick, John Bertram, B.Sc.	1948
Chignell, Arthur Kent, B.A.	1900
Child, Marie Beatrice, B.A.	1926
†Childs, John Tothill, B.D.S.	1952

\* Deceased.

† Not yet Members of the Senate.

† Childs, Peter Anthony, M.B., B.S. - - - - -	1953	Coats, Douglas Alan, M.B., B.S. - - - - -	1946
° Chilman, Eliza Stewart, B.A. - - - - -	1930	Coats, Geraldine Dulcie, B.Sc. - - - - -	1951
Chinner, Beryl Esther, Mus.Bac. - - - - -	1947	Cock, Alexa Beatrice, B.A. - - - - -	1921
† Chinner, Graham Alan, B.Sc. - - - - -	1953	Cock, Herbert Edward, B.D.S. - - - - -	1941
Chinner, Melville Ernest, M.D. (M.B., B.S., 1925) - - - - -	1938	Cock, Leonard Ambrose, M.B., B.S. - - - - -	1932
† Chisholm, Neil Leslie, B.E. - - - - -	1954	† Cockburn, Andrew Syme, M.B., B.S. - - - - -	1954
Chittleborough, Jeffrey David, B.Sc. - - - - -	1951	Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925) - - - - -	1934
Chittleborough, Laurel Evelyn, B.A. - - - - -	1947	Cockburn, Patricia, B.A. - - - - -	1944
Chittleborough, Robert Graham, M.Sc. - - - - -	1952	Cockburn, Patrick, M.B., B.S. - - - - -	1914
Chmelauskas, Stasys, B.A. (Ph.D. Leipzig, 1944) - - - - -	1954	Cockburn, Robert Forbes, B.E. - - - - -	1933
Choate, Max Paul, B.A. - - - - -	1950	Cocks, Alan Malcolm Vawdrey, M.B., B.S. - - - - -	1946
† Christie, Basil James Frederick, B.Sc. - - - - -	1953	Cocks, Alec Douglas, B.D.S. - - - - -	1924
Christie, Margaret, B.A. - - - - -	1945	Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925) - - - - -	1939
Christie, Patrick Joseph, LL.B. - - - - -	1925	† Cocks, Bruce Gordon, B.D.S. - - - - -	1952
Christie, William, M.B., B.S. - - - - -	1925	Cocks, Edward Desmond, M.B., B.S. - - - - -	1942
Christophersen, Jack Vivian, B.D.S. - - - - -	1927	Cocks, Sydney Gordon, B.D.S. - - - - -	1925
Church, Jack Raymond, B.Sc. - - - - -	1949	† Coffey, Dennison Dean, LL.B. - - - - -	1953
Church, John Henry, M.A. - - - - -	1934	Coggins, Harold Douglas, B.Sc. - - - - -	1951
Church, Keith Neville, B.E. - - - - -	1951	Coggins, Robert Symes, B.Sc. - - - - -	1949
Churchward, Spencer, M.A. - - - - -	1903	B.A. - - - - -	1954
Churchward, Stella Mary, B.Sc. - - - - -	1904	Coghlan, Marie Teresa Clare, B.A. - - - - -	1928
Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918) - - - - -	1922	Cohen, Alexander Kevin, M.B., B.S. - - - - -	1950
Clapp, Cedric Norman, B.D.S. - - - - -	1938	Cohen, Lena Sybil, B.A. - - - - -	1934
Clapp, Kevin Hubert, B.Sc. - - - - -	1947	Colby, Eunice Mary, B.Sc. - - - - -	1949
† Claridge, Philip George Brian, B.E. - - - - -	1954	† Cole, Anthony Haslam, B.Sc. - - - - -	1953
° Clark, Allan David Everett, B.A. - - - - -	1935	Cole, Cyril Richard, B.Sc. - - - - -	1914
Clark, Annie Winifred, M.B., B.S. - - - - -	1922	† Cole, Jonathan Haslam, B.A. - - - - -	1954
Clark, Archie Septimus, B.Sc. - - - - -	1900	Cole, Reuben Herbert George, B.Sc. - - - - -	1950
* Clark, Edward Vincent, B.Sc. - - - - -	1895	Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - -	1947
† Clark, Eunice Jean, B.Sc. - - - - -	1952	Cole, Thomas Haslam, LL.B. - - - - -	1922
Clark, Helen Goldthorp, M.Sc. - - - - -	1948	Colebatch, Gordon Thomas, B.E. - - - - -	1932
Clark, Henry William, B.A. - - - - -	1951	Colebatch, Hal John Hester, M.B., B.S. - - - - -	1951
Clark, Hugh Rodney, M.E. - - - - -	1938	Colebatch, John Houghton, M.B., B.S. - - - - -	1933
† Clark, James Blyth, LL.B. - - - - -	1953	Colebatch, Walter John, B.Sc. (Edinburgh, 1903) - - - - -	1906
Clark, John Francis, B.D.S. - - - - -	1922	Coleman, Arthur Paul, B.E. - - - - -	1948
Clark, John Osborne, LL.B. - - - - -	1941	Coleman, Arthur Philemon, M.A. (Victoria University, Canada, 1880) - - - - -	1914
Clark, John Symonds, B.E. - - - - -	1951	Coleman, Isobel Beryl Jean, B.A. - - - - -	1939
Clark, Mary Patricia, B.A. - - - - -	1951	† Coleman, James Terence, LL.B. - - - - -	1952
Clark, Pauline, B.Sc. - - - - -	1948	Coleman, Margaret Christine, B.A. - - - - -	1945
Clark, Robert John, LL.B. - - - - -	1933	Coles, Margaret Elizabeth, B.Sc. - - - - -	1945
Clark, William Raymond, B.E. - - - - -	1951	Coles, Mignonette, B.A. - - - - -	1912
† Clarke, Allan Lawrence, B.Ag.Sc. - - - - -	1952	Coles, Philip Douglas, B.A. - - - - -	1936
Clarke, Andrew Michael Fausset, M.B., B.S. - - - - -	1951	Collins, Charles Vincent, B.A. - - - - -	1931
Clarke, Brian Russell, B.Sc. - - - - -	1945	Collins, Frank Miles, M.Sc. - - - - -	1952
Clarke, Harold Vernon, B.D.S. - - - - -	1934	Collins, Frank Sandford, B.E. - - - - -	1942
Clarke, Miles de Courcy, M.B., B.S. - - - - -	1942	† Collins, John Malcolm, M.B., B.S. - - - - -	1952
Clarke, Phil Gregory, B.A. - - - - -	1948	Collins, Leslie William Nettell, B.E. - - - - -	1931
Clarke, Reginald Harry, B.Sc. - - - - -	1938	Collins, Marjorie Isabel, B.Sc. (Sydney, 1916) - - - - -	1918
B.A. - - - - -	1942	Collison, Edith, B.Sc. - - - - -	1900
Clarkson, Alan James, M.B., B.S. - - - - -	1934	Colman, William Russell Goodwin, B.E. - - - - -	1922
Clarkson, Colin Lloyd, B.Sc. - - - - -	1950	Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929) - - - - -	1933
Clayton, Arthur Ross, M.B., B.S. - - - - -	1902	Colton, John Blacker, LL.B. - - - - -	1941
† Clayton, Sally Jeanette, B.A. - - - - -	1954	Colton, Robert Stirling, M.B., B.S. - - - - -	1944
Cleggett, Edith, B.A. - - - - -	1921	Colville, Arthur Landseer, LL.B. - - - - -	1905
Cleland, Elizabeth Robson, M.Sc. - - - - -	1935	Colville, John Stuart, B.Sc. - - - - -	1948
† Cleland, James Lindsay, B.A. - - - - -	1954	Comley, Charles Herbert, M.A. - - - - -	1906
Cleland, Joan Burton, M.Sc. - - - - -	1947	B.Sc. - - - - -	1910
Cleland, John Burton, M.B. (Sydney, 1902) - - - - -	1902	Conant, James Bryant, D.Sc. (Sc.D. Columbia) - - - - -	1951
Cleland, Margaret Burton, M.B., B.S. - - - - -	1932	Condon, Robert Francis, B.Sc. - - - - -	1940
Cleland, Michael Edward E., LL.B. - - - - -	1951	M.B., B.S. - - - - -	1946
Cleland, Pamela Mary, B.A. - - - - -	1949	† Connor, Brian Anthony, M.B., B.S. - - - - -	1953
Cleland, Peter Fullerton, LL.B. - - - - -	1947	Connor, John Leo, B.A. - - - - -	1935
Cleland, William Paton, M.B., B.S. - - - - -	1934	† Conroy, Keith Douglas, B.E. - - - - -	1952
Clements, Trevor Murray, B.D.S. - - - - -	1950	Conybeare, William James, B.A. (Cambridge, 1894) - - - - -	1895
† Clezy, John Kenneth Albert, M.B., B.S. - - - - -	1954	† Cook, Adrian Hartley, B.A. - - - - -	1952
Clift, Lawrence Henry Marcus, B.A. - - - - -	1951	Cook, Ernest Peter, B.E. - - - - -	1929
† Clisby, Robert Leonard, B.E. - - - - -	1954	Cook, Gordon James, B.Ec. - - - - -	1941
Clode, Ailsa Marjorie, B.A. - - - - -	1928	† Cook, Hugh David, M.B., B.S. - - - - -	1953
Close, Frank William, B.Sc. - - - - -	1931	Cooke, Allan George, B.E. - - - - -	1945
Close, Mary Frances, B.A. - - - - -	1940	B.Sc. - - - - -	1952
Close, Maynard Davidson, B.A. - - - - -	1938	Cooke, Barbara Terment, B.Sc. - - - - -	1938
Close, Ronald Wilkinson, B.Sc. - - - - -	1929	† Cooke, David John, B.E. - - - - -	1954
Close, Rosemary Jocelyn, M.B., B.S. - - - - -	1947	Cooke, Florence Emmeline, Mus.Bac. - - - - -	1900
Close, Walter John Westcott, M.S. (M.B., B.S., 1913) - - - - -	1929		
Coaldrake, John Edward, M.Sc. - - - - -	1951		
Coates, Dorothy Ravelle, M.B., B.S. - - - - -	1949		
Coates, John Richard, M.B., B.S. - - - - -	1944		
Coats, Claude Hampson, M.A. - - - - -	1929		

† Not yet Members of the Senate.

Cooke, Frank Edward, B.Sc. - - -	1950	Cowling, Gordon Aubrey, B.E. - - -	1928
Cooke, Peter Ternent, B.Sc. - - -	1931	Cowling, Lionel Deucalion, M.B., B.S.	1923
Cooke, Raymond Greayer, M.Sc. - - -	1938	Cowperthwaite, Elsie Eleanor, M.A. -	1906
Cooke, William Ternent, D.Sc. - - -	1905	Cox, Alwyn Birchmore, M.Sc. - - -	1932
Cooling, Max Sylvester, M.B., B.S. -	1944	†Cox, Brian Rothwell, LL.B. - - -	1953
Coombe, Alec Holloway, M.A. - - -	1933	Cox, Carlton Ingham, B.Sc. - - -	1929
Coombe, Bryan George, B.Ag.Sc. - - -	1948	Cox, David Vassall, Mus.Bac. - - -	1936
Coombe, Harold Robert, B.D.S. - - -	1923	Cox, David William, B.Sc. - - -	1934
Coombe, Murray Taylor, B.Sc. - - -	1942	Cox, Norman Charles, B.E. - - -	1951
Coombe, Reginald Joseph, LL.B. - - -	1923	Cox, Ronald Frank, B.E. (Interim B.Sc.	
Coombe, Robert John, B.D.S. - - -	1950	(Eng.), 1947, surrendered) - - -	1948
Coombe, Samuel Walter, B.A. - - -	1919	Cox, Rudolph William Arthur, B.E. - -	1921
†Coombe, Toderick Edward, B.D.S. - -	1952	Crabbe, Gavin Murray, M.B., B.S. - -	1927
Cooper, Adrian Harry Campbell, B.A.	1935	Crafter, Kenneth Charles, M.B., B.S. -	1944
†Cooper, Catherine Margaret, LL.B. -	1954	Craig, William Alexander, B.E. - - -	1950
Cooper, Constance May, M.B., B.S. - -	1904	Craker, David Lindsay, B.Sc. - - -	1951
Cooper, Donald Counter, M.B., B.S. - -	1921	†Craker, John Melville, B.Sc. - - -	1954
Cooper, Kenneth Francis, M.B., B.S. -	1929	Cramond, Kelvin Malcolm (Interim	
Cooper, Maxwell, B.Sc. - - -	1950	B.Sc. (Eng.), 1942, surrendered),	
Cooper, Thomas Edwards, B.E. - - -	1922	B.E. - - -	1945
Cooper, Wilfred Windham, B.E. (B.Sc.,		†Cramond, Margaret Mary Alyn, B.A. - -	1952
1911, surrendered for B.E., 1913) - -	1913	Crampton, Mary Hope St. Clair, M.A.	1926
Coot, George Gilbert, B.Sc. - - -	1931	Cran, James Alexander, M.D.S. - - -	1952
B.A. - - -	1939	Crane, Alexander Herbert, B.Sc. - - -	1926
†Cooter, Robert Benjamin, M.B., B.S. -	1952	Crane, Greta Ruby, B.Ec. - - -	1937
Copley, Jonathan Richard Livingstone,		†Crane, Neil Raymond, B.Sc. - - -	1954
B.E. (Interim B.Sc. (Eng.), 1945,		†Cranley, Patrick, M.B., B.S. - - -	1952
surrendered) - - -	1948	Craton, Patricia Clarice, B.A. - - -	1948
Corbin, Cecil, M.B., B.S. - - -	1894	Craven, David Edward, M.B., B.S. - -	1943
Corbin, Clive Wilson, B.E. - - -	1932	Crawford, Lionel Payne, M.A. (Oxford,	
Corbin, Horace Hugh, B.Sc. (London,		1890) - - -	1897
1904) - - -	1913	Creed, Philip John, M.B., B.S. - - -	1950
Corbin, John Ogilvie, M.B., B.S. - - -	1933	Cresswell, Edwin Fletcher, B.E. - - -	1927
Corbin, Katherine Anne, LL.B. - - -	1941	Cresswell, George Edwin, LL.B. - - -	1939
Cormier, Kathleen, B.A. - - -	1943	Cresswell, Reginald Gilbert Dorrien,	
Cornelius, Muriel Meike, B.A. - - -	1951	LL.B. - - -	1937
Cornell, James Gladstone, M.A. (Mel-		Crisp, Brian Correll, M.D.S. - - -	1952
bourne, 1928) - - -	1938	Crisp, Charles Stephens, B.Sc. - - -	1948
Corney, Eric Ronald, M.A. - - -	1937	†Crisp, Colin Francis Correll, B.E. - -	1954
Cornish, Alan Alfred Ernest, B.E. - - -	1939	Crisp, John Douglas Correll, B.E. - -	1950
Cornish, Anne Claire, B.A. - - -	1949	Crisp, Leslie Finlay, M.A. - - -	1948
Cornish, Brian Leslie, M.B., B.S. - -	1947	Crisp, Margaret Emily, M.Sc. - - -	1950
Cornish, Edmund Alfred, D.Sc. - - -	1951	Crocker, Dudley Furmeaux, B.E. - - -	1939
Cornish, Jack Rodolph, LL.B. - - -	1928	Crocker, Robert Langdon, D.Sc. - - -	1948
Cornish, John Edwin, B.Sc. - - -	1943	Crocker, Walter Russell, B.A. - - -	1925
Cornish, Joseph Ruskin, M.B., B.S.	1923	†Croft, Edwin George, LL.B. - - -	1952
Corpe, John Wood, B.E. - - -	1935	Croker, Annie Isobel, B.A. - - -	1934
†Correll, Shirley Edith, B.A. - - -	1953	Cromer, D'Arcy Ananda Neil, M.Sc. - -	1935
Corry, Samuel Lloyd, M.B., B.S. - - -	1910	Crompton, David Owen, M.B., B.S. - -	1939
Cosgrove, Bernard Augustin, B.A. - - -	1942	Crompton, James Woodhouse, B.E. (in-	
Cosh, Elma, B.A. - - -	1944	terim B.Sc. (Eng.), 1944, surren-	
Cosh, James Malthouse, B.A. - - -	1943	dered) - - -	1949
Cosh, Joyce Rosalind, B.A. - - -	1949	Crompton, Robert Woodhouse, Ph.D. - -	1954
Cottell, Dorothy Jean, B.A. - - -	1940	Crook, Marjorie Marion, B.A. - - -	1940
Cottew, Geoffrey Selkirk, B.Sc. - - -	1949	Crook, Richard Dallas, B.Sc. - - -	1940
Cotton, James Murray, M.B., B.S. - -	1926	†Crook, Walter Ralph, B.E. - - -	1953
Cotton, John Carrington, B.Sc. - - -	1951	Cropley, Frederick Waterton, B.E. - -	1932
Cotton, Paul Leon, B.E. (B.Sc. (Eng.),		Crosby, Melville Alexander Keith, M.E.	1944
1948, surrendered) - - -	1949	Crosby, Neil Daniel, M.D. (M.B., B.S.,	
Cottrell, Eric, B.E. - - -	1935	1935) - - -	1951
Coulls, Brian Helston, B.Sc. - - -	1950	Crosby, Raymond Wilbur Louis, M.B.,	
†Coulter, Wilfred Neil, B.E. - - -	1954	B.S. - - -	1940
Counsell, Ruth Kingsley, B.A. - - -	1951	Croucher, Colin, M.B., B.S. - - -	1950
Couche, Raymond Arthur, B.Sc. - - -	1949	Crouchley, Jim, M.Sc. (B.Sc., W.	
Coventry, Cameron Hilder, B.Sc. - - -	1900	Aust.) - - -	1945
Covernton, John Selby, M.D. (M.B.,		†Crowe, Brian Rooney, LL.B. - - -	1952
B.S., 1931) - - -	1947	Crowe, Elizabeth Mary, B.A. - - -	1951
Cowan, Darcy Rivers Warren, M.B.,		Crowley, Neil Clarence, M.Sc. - - -	1954
B.S. - - -	1908	Crozter, John Edwin Digby, M.D.	
Cowan, George Dalrymple, LL.B. - - -	1911	(Cambridge, 1931) - - -	1932
Cowan, Leslie Thompson, B.Sc. - - -	1907	Cruikshank, Donella Heather, M.Sc. - -	1943
Cowan, Robert Francis, B.A. - - -	1912	Crump, Cecil Charles, LL.B. - - -	1923
Cowan, Ronald William Trafford, B.A.	1936	B.A. - - -	1935
Cowan, William Albert, M.A. (N.Z.,		*Cudmore, Sir Arthur Murray, M.B.,	
1930) - - -	1934	B.S. - - -	1894
Coward, Ivan Fernley, B.Ec., 1940,		Cudmore, Collier Robert, B.A. (Oxford,	
B.A. - - -	1951	1909) - - -	1932
Cowden, Kenneth Laurence Brooke,		Cullity, Thomas Brendan, M.B., B.S.	1947
M.B., B.S. - - -	1932	Culshaw, George Vincent, LL.B. - - -	1927
Cowell, Dorothy Margaret, B.A. - - -	1941	Culver, Dorothy Evelyn, B.Sc. - - -	1945
Cowell, Geoffrey Reginald, B.Sc. - - -	1922	Culver, Robert, B.E. (Interim B.Sc.	
Cowell, James Richard, B.A. - - -	1939	(Eng.), 1947, surrendered) - - -	1949
Cowley, George Russell, B.E. - - -	1949	B.Sc. - - -	1949
Cowley, John Maxwell, M.Sc. - - -	1945		
Cowling, Brian Deucalion, M.B., B.S. -	1948		

\* Deceased.

† Not yet Members of the Senate.

Culver, Roy Vernon, B.Sc. - - - -	1940	Dawson, Joseph Bernard, M.D. (London, 1911) - - - -	1920
†Cunningham, Mark Laurence, M.B. B.S. - - - -	1953	Dawson, Michael Dean, M.B., B.S. - - - -	1942
Curnow (nee Gilham), Doreen, B.A. - - - -	1950	Day, Alison Chapman, B.Sc. - - - -	1947
Curry, Allan Ralph, B.E. - - - -	1949	Day, Allan John, M.Sc. - - - -	1950
†Cusack, John Charles, B.Sc. - - - -	1954	M.B., B.S. - - - -	1954
Cussen, Nan Woodforde, B.A. - - - -	1935	Day, Graham John, B.D.S. - - - -	1951
Custance, Harold Maxwell, B.Sc. - - - -	1941	Day, John Bice, B.D.S. - - - -	1944
Custance, John Kentish, B.E. - - - -	1947	Day, Kathleen Emily, B.Sc. - - - -	1931
†Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc. - - - -	1953	Day, Robert Sydney, M.B., B.S. - - - -	1934
D.		Deam, Robert Joseph, B.Sc. - - - -	1942
Dack, Thomas, B.A. - - - -	1936	Deans, Absalom, B.A. - - - -	1912
Daddow, Henry Howard, B.A. - - - -	1940	Dearlove, Thomas Pearce, M.B., B.S. - - - -	1942
Daenke, Lachlan Lewis, B.D.S. - - - -	1950	Dearman, Cyril Henry, B.E. - - - -	1950
†Daily, Brian, B.Sc. - - - -	1952	De Boehme, Cecil Brooks, LL.B. - - - -	1931
Dalwitz, Walter Berthold, B.A. M.Sc. - - - -	1940	De Cean, Neil, B.E. - - - -	1951
M.Sc. - - - -	1943	Deer, John Gregory, B.Sc. - - - -	1948
Daltry, Kate, M.A. - - - -	1924	Deer, William Henry, B.E. - - - -	1950
†Daly, David James, M.B., B.S. - - - -	1952	Deland (nee Robjohns), Annie Joan, B.A. - - - -	1923
Daly, Lawrence John, B.E. - - - -	1951	Deland, Charles Mervyn, M.B., B.S. - - - -	1924
†Daly, Lewis John, B.A. - - - -	1953	Deland, Raymond John, B.Sc. - - - -	1947
†Daly, Lyndsay James, M.B., B.S. - - - -	1954	Dellow, Peter Glynn, B.D.S. - - - -	1949
Dalziel, Lawrence Henry, B.A. - - - -	1949	Delmont, William George, B.D.S. - - - -	1932
Daniell, Aileen Edna, B.A. - - - -	1950	Delprat, Lica, M.B., B.S. - - - -	1910
Darling, Leslie Hayward, M.Sc. - - - -	1949	Delprat, Mary Johanna Alberta Theodora, M.B., B.S. - - - -	1909
Darragh, Peter John, B.Sc. - - - -	1950	Dempsey, Richard Francis, LL.B. - - - -	1888
Dart, Ralph John, B.E. - - - -	1915	Denby, Ernest Frank, B.Sc. - - - -	1951
Darwin, Errol Raffael Henry, B.Sc. - - - -	1907	Denis, William Norman, B.Sc. - - - -	1951
Darwin, Lisle Julius, M.A. - - - -	1910	Dennis, Alan Henry, B.A. - - - -	1936
†Davenport, John, M.B., B.S. - - - -	1952	Dennis, Edwin, B.Sc. - - - -	1950
Davey, Constance Muriel, M.A. - - - -	1918	†Denton, James Graham, M.B., B.S. - - - -	1954
Davey, Esther Marion, B.Sc. - - - -	1915	Denton, Noel Fletcher, M.B., B.S. - - - -	1945
Davey, Laurence Llewellyn, M.B., B.S. - - - -	1913	Derrington, Arnold Ward, M.B., B.S. - - - -	1947
Davey, Roy Herbert, B.Sc. - - - -	1920	Devaney, Helen, LL.B. - - - -	1942
David, Daniel Arthur, M.A. - - - -	1930	de Vidas, Jack, M.B., B.S. - - - -	1938
†David, John Fairhall, B.A. - - - -	1952	†Dew, Ian Albert, B.Sc. - - - -	1953
†Davidson, James Logie, B.Ag.Sc. - - - -	1953	Dewar, Colin Chudleigh, M.B., B.S. - - - -	1949
Davidson, Robert Thomas, M.B., B.S. - - - -	1951	†Dewar, Donald Gordon, B.E. - - - -	1952
Davidson, Roy Laidlaw, B.A. - - - -	1907	Dewar, John, B.Sc. (Eng.) - - - -	1945
Davies, Clive Runnalls, B.A. - - - -	1909	†Diamond, Arthur Ian, B.A. - - - -	1952
Davies, David Llywelyn, M.B., B.S. - - - -	1943	Dickson, Warren, B.A. - - - -	1949
Davies, Donald Laurence, B.E. - - - -	1951	Dibden, Frederick Andrew, M.B., B.S. - - - -	1941
Davies, Ernest Salter, M.A. (Oxford, 1941) - - - -	1937	Dibden, William Andrew, M.B., B.S. - - - -	1939
†Davies, Natalia, B.A. - - - -	1953	Dick, Gordon Stuart Blyth, B.Sc. - - - -	1923
†Davies, Norma Esther, M.B., B.S. - - - -	1953	†Dietman, Clarence Charles, M.B., B.S. - - - -	1954
Davies, Peter Owen Alfred Lawe, B.E. (Sydney, 1947) - - - -	1951	Digance, James Roy, B.A. - - - -	1945
Davies, Rodney Deane, M.Sc. - - - -	1953	Diggie, John Nelson, M.B., B.S. - - - -	1946
Davies, Sheila Caroline, B.A. - - - -	1948	Dilworth, Nerida Margaret, M.B., B.S. - - - -	1950
Davies, William Laurence, B.A. - - - -	1914	†Dineen, Desmond Patrick, M.B., B.S. - - - -	1952
Davis, Christine Joyce, B.A. - - - -	1937	Dineen, John Kenneth, B.Sc. - - - -	1951
Davis, Clive, B.Sc. - - - -	1951	†Dinham, Charles Anthony, B.E. - - - -	1952
Davis, David, B.A. - - - -	1906	Dinning, Alfred Ernest, B.A. - - - -	1915
Davis, Edward Bruce, B.Sc. - - - -	1949	Dinning, Rodney Alfred Brady, B.A. - - - -	1950
Davis, Harold Julian, M.B., B.S. - - - -	1927	Dinning, Trevor Alfred Ridley, M.B., B.S. - - - -	1942
Davis, Henry Hargan, B.E. (Sydney, 1943) - - - -	1947	Disher, Ian MacKinnon, B.D.S. - - - -	1943
Davis, Hubert Garth, M.B., B.S. - - - -	1937	Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934) - - - -	1954
Davis, John Alexander, B.E. - - - -	1929	Dix, Alfred James, B.E. - - - -	1930
Davis, Kingsley, B.E. - - - -	1950	Dixon, Lyall Douglas, M.A. - - - -	1931
Davis, Ray, B.Sc. - - - -	1915	Dobson, Lesbia Constance Alma, B.A. - - - -	1947
Davis, Robert Bruce, B.A. - - - -	1948	Dodd, Leslie, B.A. - - - -	1947
Davis, Robert George, B.Sc. - - - -	1951	Dodd, Robert Hedley, B.A. - - - -	1931
†Davison, Gordon William, B.A. - - - -	1931	†Doddridge, Albert Keith, M.B., B.S. - - - -	1953
Davoren, John Joseph, LL.B. - - - -	1922	Dodwell, George Frederick, B.A. - - - -	1905
Davy, Arthur Francis, B.D.S. - - - -	1951	Dohnt, Brian Ray, B.Sc. - - - -	1945
Daw, Francis Alan, B.Sc. - - - -	1945	Doley, Maurice Edward, B.E. - - - -	1939
Dawbarn, Mary Campbell, M.Sc. - - - -	1928	Dolling, Charles Hoani Scott, B.Ag.Sc. - - - -	1951
†Dawes, Walter Ernest, B.A. - - - -	1954	Dolling, Eleanor Ngaire, B.Sc. - - - -	1950
Dawkins, Albert Norman, B.E. - - - -	1922	Doman, Frederick Spencer Howe, M.B., B.S. - - - -	1949
Dawkins, Alec Letts, M.B., B.S. - - - -	1927	Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agric. Sydney, 1933) - - - -	1939
Dawkins, Alfred Ernest, B.Sc. - - - -	1912	Donaldson, Arthur, B.A. - - - -	1881
Dawkins, Donald Campbell, M.B., B.S. - - - -	1939	Donaldson, George, B.A. - - - -	1882
Dawkins, Lindsay Cramp, B.E. - - - -	1932	Donaldson, Muriel Grace, B.A. - - - -	1934
Dawkins, Margaret Ina, B.A. - - - -	1938	Donnellan, Teresa Marie, B.A. - - - -	1945
Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899) - - - -	1920	Donnelly, Thomas Hewson, M.B., B.S. - - - -	1937
Dawson, Alfred Lisle, B.Sc. - - - -	1926	Donnelly, Thomas Hugh, M.B., B.S. - - - -	1911
Dawson, David Lancelot, B.A. - - - -	1934	*Donnithorne, William, LL.B. - - - -	1926
Dawson, Geoffrey Dean, B.E. - - - -	1937		

\* Deceased.

† Not yet Members of the Senate.

Donovan, Francis Patrick, LL.B. (B.C.L., Oxford) - - - - -	1952	†Dunlop, Walter James, B.A. - - -	1952
Donovan, Mortimer Edward, M.B., B.S. - - - - -	1946	Dunn, David Everson, M.B., B.S. - - -	1951
Doolan, Ernest Joseph, B.A. - - -	1944	Dunn, Edith Marie, B.A. - - -	1940
Doolittle, John Barton, B.Ag.Sc. - - -	1951	†Dunn, John Edgar, M.B., B.S. - - -	1952
Dore, Frederick Arthur, B.Sc. - - -	1951	†Dunn, Peter Charles, B.E. - - -	1954
Dorman, David Charles, B.Sc. - - -	1950	Dunn, Sydney Stephen, B.A. - - -	1947
Dorman, John Ernest, M.B., B.S. - - -	1940	Dunn, Talbot Lewis, M.B., B.S. - - -	1927
Dornwell, Edith Emily, B.Sc. - - -	1885	Dunne, Lawrence John, B.Sc. - - -	1947
Dorsch (nee Heyne), Agnes Marie Johanna, B.A. - - - - -	1891	Dunning, John Angus, M.A. (Oxford, 1937) - - - - -	1950
Dorsch, Ernst Georg, B.A. - - -	1915	Dunstan, Bruce Henderson, B.D.S. - - -	1951
Dorsch, Magdalene Hedwig, B.A. - - -	1928	Dunstan, Donald Allan, LL.B. - - -	1949
Dorsch, Theodor Siegfried, B.A. - - -	1933	Dunstan, Ian Henderson, B.D.S. - - -	1950
Dorsch, Wilhelm Bernhard, M.B., B.S. - - -	1933	Dunstan, Richard English, M.B., B.S. - - -	1951
Doudy, Cecil Roy, LL.B. - - -	1906	†Dunstone, David Darroch, M.B., B.S. - - -	1954
Douglas, Donald Robin, B.Sc. - - -	1949	Dunstone, Glen Donald, B.D.S. - - -	1946
Douglas, Francis John, M.B., Ch.B. (Melbourne, 1897) - - - - -	1898	Dunstone, John Leonard, M.B., B.S. - - -	1939
Douglas, Hugh Matheson, M.B., B.S. - - -	1947	Dunstone, Max Warwick, M.B., B.S. - - -	1948
Douglas, Robert Langton, M.A. (Ox- ford, 1891) - - - - -	1900	Dunstone, Sydney Morgan Lewis, M.B. B.S. - - - - -	1939
Douglas, Sholto John, M.B., B.S. - - -	1930	Duridin, Ronald Walter, B.E. - - -	1951
†Dow, Ian Baird, LL.B. - - - - -	1953	Durham, James Graham, M.B., B.S. - - -	1951
†Dow, Lorna Ruth, M.B., B.S. - - -	1954	DuRieu, Beverley Robertson, B.Sc. - - -	1949
Dow, William Harold John, B.Sc. - - -	1949	Dutton, Alan Hewitt, B.E. - - -	1938
Dowding, Alan Lorimer, B.Sc. - - -	1950	Dutton, Alice Irene, M.B., B.S. - - -	1940
Dowdy, Norman James, B.A. - - -	1948	Dutton, Gilbert Henry, B.Sc. (Wales, 1902) - - - - -	1921
Dowie, David Lincoln, M.E. - - -	1935	Dutton, Geoffrey Piers Henry, B.A. (Oxford, 1949) - - - - -	1953
†Dowie, Donald Alexander, M.B., B.S. - - -	1954	Dwyer, John Matthew, M.B., B.S. - - -	1928
Dowling, Donald Augustus, M.B., B.S. - - -	1923	Dyer, Bruce Herbert, B.E. - - -	1951
Downey, Donnell Raymond, LL.B. - - -	1930	Dyer, James Ross, B.E. - - -	1951
†Downing, Bruce Jacob, M.B., B.S. - - -	1953	†Dyster, Thomas, B.A. - - - - -	1953
*Downing, Donald Lewis, B.Sc. - - -	1944		
†Downing, Robert Gregory, M.B., B.S. - - -	1952	E	
Downs, Benjamin, M.E. (Liverpool, 1947) - - - - -	1949	Eardley, Constance Margaret, M.Sc. - - -	1949
Downs, George William, B.A. - - -	1947	Eardley, Frederick William, B.A. - - -	1913
Downs, Howard Albert, B.A. - - -	1949	Earl, Dorothy Elizabeth, B.A. (Lon- don, 1915) - - - - -	1917
Doyle, Leo James, LL.B. - - -	1931	Earl, John Alfred, M.B., B.S. - - -	1949
Drabsch, Alfred Felix, B.A. - - -	1941	Earl, John Campbell, D.Sc. - - -	1926
Draper, Fred, B.Sc. - - - - -	1924	†Earle, Ronald Frank, B.E. - - -	1952
Draper, Morrell Henry, M.B., B.S. - - -	1944	East, Vernon Roy, B.A. - - -	1943
†Draper, Neil, B.E. - - - - -	1953	Eberhard, Sydney Thomas, B.Sc. - - -	1944
Drever, Donald Edward, M.B., B.S. - - -	1926	Ehlen, Colin Dominic, B.D.S. - - -	1951
Drever, Ian Campbell, M.B., B.S. - - -	1951	Eckersley, Arnold Broughton, B.D.S. - - -	1938
Drew, Charles Francis, M.B., B.S. - - -	1911	Eckersley, Percy Cyril Wheaton, B.A. - - -	1921
Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surren- dered) - - - - -	1947	Eddy, David Rendall, B.Sc. - - -	1949
Drew, Michael John Roskilly, M.B., B.S. - - - - -	1951	Eddy, James Robert, B.Sc. (Eng.) - - -	1942
Dridan, Julian Randal, B.E. - - -	1922	Edelman, Howard John, M.B., B.S. - - -	1939
Driscoll, Hilda Marion, B.A. - - -	1908	Eden, Owen Frederick, B.Sc. - - -	1947
Drummond, Euphemia Gibb, B.A. - - -	1923	Eden, Owen Frederick, B.Sc. - - -	1954
Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - -	1947	Edeson, Emily Geraldine, M.A. (Mel- bourne, 1895) - - - - -	1902
Ducray, Suzette Eleanor, M.B., B.S. - - -	1949	Edgar, Robert Steel, M.Sc. - - -	1945
†Dudley, Keith, B.E. - - - - -	1953	†Edge, Robert Harold, B.Sc. - - -	1952
Duffield, Kenneth Churchill, LL.B. - - -	1925	Edgeloe, Victor Allen (Clerk of the Senate), B.A. - - - - -	1932
Duffy, Ross Martin, LL.B. - - -	1951	Edgerley, Margaret Janetta, B.A. - - -	1927
†Duguid, Andrew Melville, B.Sc. - - -	1954	Edgerley, Mark William, B.Sc. - - -	1950
Duguid, Charles, M.B., B.S. (Glasgow, 1909) - - - - -	1920	Edmonds, Stanley Joe, M.Sc. - - -	1947
Duguid (nee Lade), Phyllis Evelyn, B.A. - - - - -	1925	Edwards, Allan Kingswood Morgan, B.Sc. - - - - -	1930
Duguid, William George, M.B., B.S. - - -	1948	Edwards, Gordon Robert, B.Ag.Sc. - - -	1949
Dumas, Russell John, M.E. (B.Sc. 1909, surrendered for B.E., 1913) - - -	1931	Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S. 1921) - - - - -	1923
Duncan, James Playford, M.E. - - -	1954	Edwards, Karl Francis, M.B., B.S. - - -	1932
Duncan, Keith Sinclair, B.E. - - -	1922	Edwards, Naomi June, B.D.S. - - -	1944
Duncan, Robert Allan, B.Sc. - - -	1951	Edwards, Pamela Julie, M.B., B.S. - - -	1951
Duncan, Robert Lawrence, B.E. - - -	1951	Edwards, Shirley Blanche, B.Sc. - - -	1944
Duncan, Ross, M.A. - - - - -	1952	Edwards, Victor Wilfred Alcorn, B.A. - - -	1948
Duncan, Walter George Keith, Ph.D. (London, 1930) - - - - -	1951	†Eggleton, David Grosvenor, B.Sc. - - -	1952
Duncan-Hughes, John Grant, M.A. (Cambridge, 1910) - - - - -	1910	Eglinton, Margi Stewart, B.Sc. - - -	1945
Dungeo, Kevin Leonard, B.A. - - -	1943	Ehmcke, Freda Evelyn, M.B., B.S. - - -	1931
Dunhill, Sir Thomas Peel, M.D. (Mel- bourne, 1906) - - - - -	1935	Eimer, George Herman, B.E. - - -	1937
Dunlevie, Ellen Emily, B.A. - - -	1927	Elder, Audrey Olive, B.A. - - -	1945
†Dunlop, Colin Wesley, B.Sc. - - -	1952	Eldridge, David Melbourne, M.B., B.S. - - -	1948
		Eley, Agnes May, B.A. - - -	1944
		Eley, John Robert, B.Sc. - - -	1947
		Elford, Harold Stewart, B.E. - - -	1925
		†Elford, Malcolm Thomas, B.Sc. - - -	1953
		Elford, William Graham, B.Sc. - - -	1947
		Elix, David Llewellyn, B.E. - - -	1939

\* Deceased.

† Not yet Members of the Senate.



†Elix, Ralph Louis, M.B., B.S. - - -	1954	Fechner, Martin Johann Traugott, B.A.	1937
Elix, Robert Hugo, M.B., B.S. - - -	1938	Fehlberg, Tasman Julius August, B.A.	1932
Elliott, Brian Robinson, B.A. - - -	1931	Felgenhaur, Robert Frederick, B.A.	1949
°Elliott, Keith, LL.B. - - -	1934	Fenner, Charles Albert Edward, D.Sc.	
Elliott, Kenneth Alexander, B.Ag.Sc.	1932	(Melbourne, 1917) - - -	1920
Elliott, Lionel John, LL.B. - - -	1936	Fenner, Frank John, M.D. (M.B., B.S.,	
Elliott, Murray William, M.B., B.S. -	1943	1938) - - -	1942
Elliott, Ronald Donovan, LL.B. - - -	1931	Fenner, William Greenock, B.E. - - -	1945
Ellis, Annie Rita, B.Sc. - - -	1905	Fenwick, Aline Mary, LL.B. - - -	1944
Ellis, Arthur Benjamin, B.A. - - -	1911	Ferguson, Andrew, B.Sc. - - -	1904
Ellis, Brian David, B.A. (B.Sc., 1950)	1953	Ferguson, Wilfred John, B.A. - - -	1930
Ellis, Bruce Walter, B.A. - - -	1949	Ferguson, William Rex, B.E. - - -	1931
Ellis, Charlotte, B.A. - - -	1950	†Fergusson, George Robert, B.A. - - -	1953
Ellis, Frank, B.E. (B.Sc., 1907, sur-		Ferres, Helen Mellecent, M.Sc. - - -	1949
rendered for B.E., 1913) - - -	1913	†Ferrett, Robert George, LL.B. - - -	1952
M.A. - - -	1913	†Fidock, Dean Henwood, B.E. - - -	1952
Ellis, Howard John, M.B., B.S. - - -	1946	Field, Frederick Laurence, LL.B. - - -	1936
Ellis, Ronald Dudley, B.E. - - -	1947	Fielding, Leonard Edmund, B.E. - - -	1937
Ellis, Roy Gilmore, B.D.S. - - -	1926	Filmer, Kenneth Frederick, B.D.S. - - -	1946
†Elms, Valerie Lois, M.B., B.S. - - -	1952	†Filsell, Owen Holbrook, B.Sc. - - -	1954
Emery, Warren Frederick, M.B., B.S.	1946	Finch, Emily Olive, B.A. - - -	1913
England, Clarence William, M.B., B.S.	1925	†Finch, Peter Stewart, M.B., B.S. - - -	1952
†England, Ernest Bert, M.B., B.S. - -	1952	Finger, Martyn Rudolph, B.E. - - -	1951
England, Ernest James, M.B., B.S. - -	1951	Finlay, Ada Jeanne, B.A. - - -	1951
England, Harold Norman, B.Sc. - - -	1925	Finlay, Frederic Albert Montague,	
England, Harry Clement, B.E. - - -	1930	Mus.Bac. - - -	1940
Erichsen, Matthias, M.B., B.S. - - -	1903	Finlayson, Allan Harvey, B.E. - - -	1932
Espie, Frank Fancett, B.E. - - -	1913	Finlayson, Constance Alice, M.B., B.S.	
Espie, Frank Fletcher, B.E. - - -	1947	(Melbourne, 1922) - - -	1936
Eustace, John Leonard, B.D.S. - - -	1921	Finlayson, Frank Harvey, B.E. - - -	1930
Evans, Denc, B.E. - - -	1951	Finlayson, James Francis, B.Sc. - - -	1940
Evans, Eric Laurence, B.A. - - -	1930	Finn, Beatrice Mary, B.A. - - -	1938
Evans, Geoffrey Gordon Llewellyn,		Finnis, Horace Percy, M.A. (Melbourne,	
B.D.S. - - -	1951	1910) - - -	1922
Evans, George Richard, B.E. - - -	1937	Mus.Bac. - - -	1932
Evans, John William, M.A. (Cam-		†Finnis, Maurice Meredith Steriker, B.A.	1937
bridge, 1931) - - -	1932	*Finniss, John Henry Suffield, M.B.	
†Evans, Kenneth Alan Greig, M.B., B.S.	1953	(Edinburgh, 1876) - - -	1886
Evans, Mervyn Wyke, D.D.Sc. (B.D.S.,		Fischer, Arthur Frederick, LL.B. - - -	1925
1929) - - -	1943	Fischer, George Alfred, B.A. - - -	1888
Evans, Owen Ross, B.E. - - -	1950	M.B., B.S. - - -	1894
†Evans, Robert George, M.B., B.S. - -	1954	†Fischer, Gerald Lyn, B.A. - - -	1954
Evans, Walter Alfred Wyke, B.D.S. - -	1928	Fishburn, Thomas Harold, B.A. - - -	1932
Evans, Wilfred Robert, B.E. - - -	1924	Fisher, Anthony Graham, M.B., B.S. - -	1946
Everard, Betty Ann, B.Sc. - - -	1945	Fisher, Francis Robert, LL.B. - - -	1950
*Everard, James Edward, M.B., B.S. -	1910	Fisher, George Read, B.E. - - -	1925
Evershed, The Right Honourable Sir		Fisher, Harry Medcalf, M.B., B.S. - - -	1922
Francis Raymond, P.C., LL.D. (Mel-		Fisher, James Hubert Thomas, M.E. - -	1950
bourne, 1951) - - -	1951	Fisher, Ruben Walter Alfred, B.A. - - -	1948
Ewens, John Qualltrough, LL.B. - - -	1929	Fisher, Tryphena Ellen, B.A. - - -	1930
Ewers, Keith Ambrose, B.Sc. - - -	1949	Fisk, Graham Bristow, M.B., B.S. - - -	1946
Ewers, William David, B.A. - - -	1934	Fitch, Rosemary Lamburn, B.A. - - -	1949
Excell, John Eliot, B.E. - - -	1940	Fitzgerald, Bartholomew John, B.A. - -	1929
Ey, Geoffrey Thomas, M.B., B.S. - - -	1947	†Fitzgerald, Clarence Lindsay, B.A. - -	1952
Eyles, Helen Mary, B.Sc. - - -	1943	Fitzgerald, Gerald, B.D.S. - - -	1932
Eyles, Philip Sydney, M.B., B.S. - - -	1942	Fitzgerald, Hugh Lawrence, B.A. - - -	1940
B.A. - - -	1949	Fitzgerald, James Joseph, M.A. (Mel-	
†Eylward, Richard John, B.Sc. - - -	1954	bourne, 1908) - - -	1908
		FitzHerbert, John Aloysius, M.A.	
F		(Cambridge, 1923) - - -	1928
Fahey, John Kevin, B.E. - - -	1950	†Fitzpatrick, Alan Harding, M.B., B.S. -	1953
†Fahy, Frederick Edward, B.E. - - -	1953	†Flaherty, Anna Theresa, B.A. - - -	1953
Fairley, James, M.B., B.S. - - -	1941	Flaherty, Edward John, B.A. - - -	1924
Fairley, Neil Hamilton, M.D. (Mel-		Flaherty, Francis Ignatius, M.B., B.S.	1935
bourne, 1917) - - -	1949	†Flaherty, James Aloysius, M.B., B.S. -	1952
Fairweather, Andrew, B.E. (B.Sc.,		Flaum, Ernst, M.D. (M.B., B.S., 1941)	1944
1901, surrendered for B.E., 1913) -	1913	Flecker, Margaret Mabel, M.B., B.S. - -	1932
Fairweather, Edna May, B.A. - - -	1932	Flecker, Patrick Oscar, M.B., B.S. - -	1944
†Fairweather, John Henry, B.E. - - -	1954	Fleming, Francis John, B.E. - - -	1938
Falkenberg, Walter Edwin, B.A. - - -	1940	Fleming, Hugh Douglas, B.E. - - -	1934
Farmer, Helen Robinson, B.A. - - -	1945	Flentje, Noel Thomas, M.Sc., (B.Ag.Sc.,	
Farndell, Leila Mavis, B.A. - - -	1933	Melbourne) - - -	1947
Farr, Alan Pembroke, B.A. - - -	1950	†Fletcher, Ann Willoughby, B.A. - - -	1953
Farrell, Edward Francis, B.A. - - -	1940	Fletcher, Sir Frank, M.A. (Oxford,	
Farrent, Thomas Albert, B.Sc. - - -	1923	1893) - - -	1936
B.E. - - -	1924	Fletcher, Helen Weld, B.A. - - -	1933
Farrer, Kenneth Joseph, B.A. (Man-		Fletcher, John Weld, LL.B. - - -	1947
chester, 1949) - - -	1954	Fletcher, Malcolm Weld, M.B., B.S. - -	1933
Farrow, Murray Aubrey, B.A. - - -	1945	Flett, John Stanley, B.Sc., - - -	1941
Fauce, Marcus de Laune, M.B., B.S.	1946	M.B., B.S. - - -	1951
†Favilla, Domenico Raffaello, B.Ec. -	1954	Flint, Adela Lysander, B.A. - - -	1921
†Fawcett, Wilfred D'Arcy, B.E. - - -	1929	Flint, Harold Eldsen, M.A. - - -	1927
*Featherstone, Dora Bewlay, M.A. - -	1932	Flint, Richard Russell, B.E. - - -	1942
		Florcy, Hilda Josephine, M.B., B.S. -	1912

\* Deceased.

† Not yet Members of the Senate.

Florey, Sir Howard Walter, M.D. (M.B., B.S., 1921) - - - -	1944	Fry, Robert Mason, B.Sc. - - - -	1947
Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924) - - - -	1950	Fuhlbohm, Margaret, B.A. - - - -	1944
*Florey, Clifford Horace Kenneth Dunn, B.Sc. - - - -	1924	†Fuller, Clarence Oliver, M.B., B.S. - - - -	1954
†Flower, Clifford James McKinnon, M.B., B.S. - - - -	1953	Fuller, Geoffrey Roy, B.Sc. - - - -	1951
Flynn, Kevin John, B.A. - - - -	1938	Fuller, George Rayner, B.Sc. - - - -	1924
Foale, Harold Robert, LL.B. - - - -	1933	†Fuller, William Rayner, M.B., B.S. - - - -	1953
†Foord, Peter Maxwell, B.E. - - - -	1952	Fulton, Gwen Evelyn Hamilton, M.A. - - - -	1939
Foote, George Buchanan, B.Sc. - - - -	1934	Funder, Anne Cathrine, B.D.S. - - - -	1934
Forbes, Alexander James deBurgh, B.A. - - - -	1951	Funder, Brian Patrick, M.B., B.S. - - - -	1933
†Forbes, Bryan George, B.Sc. - - - -	1952	Funder, John Francis, B.Sc. - - - -	1935
Forbes, William, B.A. - - - -	1936	M.B., B.S. - - - -	1938
Ford, James Albert, B.A. - - - -	1919	Furber, Ian King, M.B., B.S. - - - -	1948
Ford, Raymond William, B.E. - - - -	1922	Furness, Gwenda Marie, B.A. - - - -	1941
Ford, Ronald Munro, M.B., B.S. - - - -	1943	Furze, Betty Joan, B.Sc. - - - -	1951
Forder, Charles Rex, B.D.S. - - - -	1928	Fyfe, Dorothy Mary, B.A. - - - -	1926
Forder, Douglas Highmoor, B.Sc. - - - -	1932		
B.A. - - - -	1938	C	
Forder, Howard Hamlyn, B.E. - - - -	1926	Gaetjens, Gertrude Vera, B.A. - - - -	1925
Fordham, Juanita Horwood, B.A. - - - -	1927	Gaffney, Fay Madeline, B.Sc. - - - -	1949
†Forgan, Anthony James, B.E. - - - -	1954	Galbraith, Cyril, B.E. - - - -	1927
Forgan, Frederick Robert, LL.B. - - - -	1928	Gale, Frederick Julius, B.A. - - - -	1915
Forgan, Humphrey Crayle, B.E. - - - -	1927	†Gale, Margaret Jean, B.A. - - - -	1953
Forgan, Sydney Bayly, M.B., B.S. - - - -	1926	Gallagher, William Edward, M.B., B.S. - - - -	1932
Forgie, Donald Schollar, B.A. - - - -	1949	Gallasch, Frank Edward, M.B., B.S. - - - -	1927
Formby, Henry Harper, M.B., B.S. (Melbourne, 1900, 1901) - - - -	1937	Calliford, Robert Henry, B.Sc. (Eng.) - - - -	1947
Formby, Myles Landseer, M.B., B.S. - - - -	1924	Callus, Hermann Peter Christian, M.Sc. - - - -	1934
Fornachon, John Charles Macleod, M.Sc. - - - -	1943	Galpin, Arthur Lorden, B.E. - - - -	1949
Forrest, Waldie William, B.Sc. - - - -	1948	Galvin, Leola Beth, B.Sc. - - - -	1945
Forster, William Edward Stanley, LL.B. - - - -	1950	†Galvin, Selma Ruth, B.A. - - - -	1953
Forsyth, Elliott Christopher, B.A. - - - -	1947	Galvin, Thomas Bernard, B.A. - - - -	1916
Forsyth, Robert Samuel, B.A. - - - -	1937	Game, David Aylward, M.B., B.S. - - - -	1949
Fotheringham, James David, M.B., B.S. - - - -	1937	Game, John Aylward, M.B., B.S. - - - -	1938
Fowler, Dorothy Colyer, B.A. - - - -	1949	Game, Patricia Jean, M.B., B.S. - - - -	1949
†Fowler, James Henry, B.E. - - - -	1952	Gann, Eric Crump, B.A. - - - -	1950
Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946) - - - -	1951	†Garbaliuskas, Leonardas Raimundas, B.E. - - - -	1954
Fowler, Russell Aubrey, B.Sc. - - - -	1919	†Gard, Jeanette Trush Brentnall, M.B., B.S. - - - -	1953
†Fox, David Michael, B.D.S. - - - -	1953	Gardiner, Beauchamp Lennox, B.Sc. - - - -	1902
Fox, Ina Alice Owen, M.B., B.S. - - - -	1938	Gardiner, Phillippa Margaret, M.B., B.S. - - - -	1942
Fox, Robert Owen, M.B., B.S. - - - -	1925	Gardner, George Gavin Forrest, Mus.- Bac. - - - -	1906
Frahn, Leslie John, M.Sc. - - - -	1949	Gare, Lloyd, B.Sc. - - - -	1932
Francis, Albert Edward John, B.Sc. - - - -	1949	B.A. - - - -	1950
Francis, Vera Eleanor, M.A. - - - -	1941	†Garran, Elisabeth Rosemary, B.A. - - - -	1954
Francis, Wilfred Galton, B.E. - - - -	1935	Garrett, Dorothea Helene, B.A. - - - -	1934
Fraser, Duncan Lovat Radcliffe, B.Sc. - - - -	1950	Carton, Mary May, B.A. - - - -	1923
Fraser, Frederick Christopher, B.D.S. - - - -	1938	Gartrell, Eric Frank, M.B., B.S. - - - -	1921
Fraser, Harry Lovat, LL.B. - - - -	1932	Gartrell, Minnie Henrietta Foxwell, B.A. - - - -	1926
B.A. - - - -	1933	Gaskell, Joan Mary, B.A. - - - -	1945
Frayne, Graham Arthur, B.D.S. - - - -	1933	†Gaston, Walter Garfield, M.B., B.S. - - - -	1953
Frayne, Harold Bruce, M.D.S. - - - -	1953	Gault, Arthur Kyle, M.B., B.S. - - - -	1917
Frayne, John Felix, M.B., B.S. - - - -	1936	Gault, Estelle Ruth, B.Sc. - - - -	1914
Frayne, Max Thorley, B.D.S. - - - -	1945	M.B., B.S. - - - -	1919
Frayne, Peggy Searle, B.Sc. - - - -	1945	Gault, Freda Steele, B.A. - - - -	1931
†Frederick, Esmond Joseph, M.B., B.S. - - - -	1953	Gault, Maisie Isabel Ogilvy, B.A. - - - -	1921
Freeman, Jef Elliot, B.Sc. - - - -	1940	Gazard, Geoffrey Albion, B.A. - - - -	1949
Freestun, William David, B.E. - - - -	1949	Gazard, John Anthony, B.E. - - - -	1935
French, Alfred, M.A. (Cambridge, 1946) - - - -	1951	Gehling, Ronda Beryl, Mus.Bac. - - - -	1943
French, Eric Lancelot, M.Sc. - - - -	1948	Gehling, Lorenz Wilfred, B.E. - - - -	1950
French, Reginald James, B.Ag.Sc. - - - -	1948	Geisler, Frederick, M.B., B.S. - - - -	1951
Freney, Martin Raphael, B.Sc. - - - -	1930	Geisler, Wilfred Ross, B.Sc. - - - -	1937
Frewin, Oscar Westcott, M.B., B.S. - - - -	1926	B.Ec. - - - -	1954
Frick, Majorie May, LL.B. - - - -	1934	Gent, Alan Franklin, B.A. - - - -	1948
Frick, Patricia Marian, LL.B. - - - -	1938	Gent, Alison Grace, M.A. - - - -	1948
Fricke, Lyall Peterie, B.Sc. - - - -	1949	Gent, John George Moyns, B.A. - - - -	1940
B.A. - - - -	1951	Georg, Victor Gerhard, B.A. - - - -	1949
Fricke, Norman Meshach, B.E. - - - -	1933	George, Adalbert James, B.D.S. - - - -	1927
Fricke, Vera May, M.A. - - - -	1932	George, Hilda Constance, B.A. - - - -	1928
Fridman, Gerald Henry Louis, LL.B. (B.C.L., Oxford, 1949) - - - -	1953	George, Rowland Francis, B.D.S. - - - -	1923
Frith, Ernest Everard, B.Sc. - - - -	1949	Gerard, Kenneth Edward, B.E. - - - -	1935
Fritsch, Eunice Serena, B.A. - - - -	1947	Gerlach, Max Johann, B.A. - - - -	1925
Fritsch, Luthilde Clara, B.A. - - - -	1948	Gerny, Elma Seavington, B.Sc. - - - -	1936
Frost, Mary Millicent, B.A. - - - -	1927	Gerny, John Seavington, M.E. - - - -	1949
†Fry, Adelaide Elizabeth, LL.B. - - - -	1953	Gerny, Ronald Seavington, B.E. (In- terim B.Sc. (Eng.), 1942, surren- dered) - - - -	1944
Fry, Dorothy Gillian, B.A. - - - -	1945	†Geytenbeek, David Robert, B.Sc. - - - -	1952
Fry, Henry Kenneth, B.Sc. - - - -	1905	Geytenbeek, Peter Everard, B.Ag.Sc. - - - -	1950
M.D. (M.B., B.S., 1908) - - - -	1934	Gibb, Sir Claude Dixon, M.E. - - - -	1932
†Fry, Leslie Barry, B.E. - - - -	1954	Gibb, Kenneth Murray, B.E. - - - -	1942
		Gibberd, William Obed, M.Sc. - - - -	1945

\* Deceased.

† Not yet Members of the Senate.

†Gibbes, Elaine Frances Keele, M.B., B.S. - - - - -	1953	Godfrey, Robert Charles, M.B., B.S. - - - - -	1944
Gibbison, Marie Claire, B.Sc. - - - - -	1951	Godlee, Margery Rebecca, B.A. - - - - -	1917
Gibbs, Allan George, B.E. - - - - -	1933	Godlee, Theodore, M.B., B.S. - - - - -	1932
Gibbs, Betty Valmai, B.A. - - - - -	1949	Gold, Mervyn Roy, M.B., B.S. - - - - -	1939
†Gibbs, Graham Rossiter, B.Ec. - - - - -	1953	†Gold, Ronald Geoffrey, M.B., B.S. - - - - -	1952
Gibson, Douglas Barr, M.B., B.S. - - - - -	1945	Goldbeck, Rene Alice, M.B., B.S. - - - - -	1949
Gibson, George Taylor, M.B., B.S. - - - - -	1935	Goldby, Frank, M.D. (Cambridge, 1936) - - - - -	1937
Gibson, Gladys Ruth, B.A. - - - - -	1937	Goldfinch, Arthur Leslie, B.Sc. - - - - -	1951
Gibson, Graham Coyne, B.A. - - - - -	1949	Golding, Edmond William, B.A. - - - - -	1951
†Gibson, Margaret Dawn, B.Sc. - - - - -	1952	Golding, Phyllis May, B.A. - - - - -	1951
Giersch, Leonard Ernst, B.A. - - - - -	1940	†Goldsworthy, Arthur Clive, B.A. - - - - -	1953
Gifford, Alfred Silva Harril, LL.B. - - - - -	1922	Goldsworthy, David, B.A. - - - - -	1949
Gilbert, John Scollard, B.E. (Interim B.Sc. (Eng.), 1948, surrendered) - - - - -	1948	Goldsworthy, Eric Roger, B.Sc. - - - - -	1950
Gilbert, Ronald Sunter, B.A. - - - - -	1950	Goldsworthy, John Garfield, M.A. - - - - -	1930
Gilbert, Stephen Hamilton, B.E. - - - - -	1934	Goldsworthy, Reuben, B.Sc. - - - - -	1948
Gilbertson, Nannette, B.A. - - - - -	1951	†Colledge, John Gouldhawke, M.B., B.S. - - - - -	1954
Gilchrist, Robert James, B.A. - - - - -	1950	Cood, Emily Milvain, B.A. - - - - -	1904
Gild, Albert, M.B., B.S. - - - - -	1934	Cood, Frances Helena, B.A. - - - - -	1916
Gild, David, M.B., B.S. - - - - -	1938	†Cood, Richard John, B.E. - - - - -	1953
†Gilding, Gwendoline Fay, B.A. - - - - -	1952	Goode, Benjamin Ryall, M.B., B.S. - - - - -	1947
†Gilding, Kevin Rex, B.A. - - - - -	1952	Goode, Harold Ralph, B.E. - - - - -	1945
Giles, Allan Leonard, Mus.Bac. - - - - -	1950	Goode, Henry Arthur, M.B., B.S. - - - - -	1938
†Giles, Douglas Haynes, B.E. - - - - -	1954	Goode, John Reginald, B.Ag.Sc. - - - - -	1937
Giles, Harold, B.A. - - - - -	1911	Goode, Kenneth Burden, B.E. - - - - -	1914
Giles, Ireton Elliot, B.A. - - - - -	1897	Goode, Muriel Gertrude, Mus.Bac. - - - - -	1911
Giles, Jack Bernard, B.Sc. - - - - -	1943	Goode, Philip Charles Ryall, M.B., B.S. - - - - -	1939
Giles, James Palmer, B.A. - - - - -	1931	Goode, Reginald Alfred, M.B., B.S. - - - - -	1910
Giles, Keith Emanuel, M.B., B.S. - - - - -	1951	†Goode, Thomas Britten, M.B., B.S. - - - - -	1952
Giles, Mortimer, LL.B. - - - - -	1911	Goode, Thomas Ryall, B.E. - - - - -	1937
Giles, Nigel Stuart, B.Sc. - - - - -	1905	Gooden, John Stanley, M.Sc. - - - - -	1945
*Giles, Olive Abbott, B.A. - - - - -	1907	†Gooden, Philip Compson, M.B., B.S. - - - - -	1952
†Giles, Peter Mortimer, B.E. - - - - -	1953	†Goodenough, Warwick William, B.A. - - - - -	1953
Giles, Thomas O'Halloran, LL.B. (Cambridge, 1883) - - - - -	1886	Goodhart, Mabel Flora, LL.B. - - - - -	1927
Gilfillan, William, M.B., B.S. - - - - -	1921	Goodhart, Richard Akhurst, M.B., B.S. - - - - -	1941
Gilfillan, William Robert, B.E. - - - - -	1948	Goodman, Cyril William, B.E. - - - - -	1915
Gill, Clarence William Cecil, B.A. - - - - -	1934	†Goodrich, Roy Stanley, B.Sc. - - - - -	1953
Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered for B.E., 1913) - - - - -	1913	Goodwin, Geoffrey Leonard, B.Sc. - - - - -	1951
Gill, Raymond Harold, B.E. - - - - -	1951	Gordon, Colin Ernest Sutherland, M.A. (Oxford, 1938) - - - - -	1948
Gill, Richard Townsend, M.B., B.S. - - - - -	1951	†Gordon, John Murray, Mus.Bac. - - - - -	1953
Gillam, Dora Alice, M.A. (Sydney, 1903) - - - - -	1934	Gordon, John Vivian, M.D. (M.B., B.S., 1942) - - - - -	1949
†Gillen, Robert Spencer, M.B., B.S. - - - - -	1953	†Gordon, Leslie Kenneth, LL.B. - - - - -	1953
Gillespie, Donald Tom Chalton, M.Sc. - - - - -	1943	Gosnell, Arthur William, M.A. (Cambridge, 1888) - - - - -	1895
Gillespie, Doris Pearl, B.A. - - - - -	1940	Goss, Mary Blanche, B.A. - - - - -	1936
Gillespie, Elsie Jean Ann, B.A. - - - - -	1935	Goss, Noel Frederick, B.A. - - - - -	1934
Gillespie, William Charles, LL.B. - - - - -	1927	Gough, John Lewis, B.A. - - - - -	1945
Gillett, Bernard St. Patrick, M.B., B.S. - - - - -	1928	Govenlock, James Coburn, Mus.Bac. - - - - -	1943
Gillett, Mervyn Clem, LL.B. - - - - -	1931	†Gower, Charlie James, B.A. - - - - -	1954
Gillham, Charles Alfred, B.A. - - - - -	1911	Coyder, Alexander Woodroffe, B.Sc. - - - - -	1889
†Gillham, James Edgar, B.A. - - - - -	1954	†Craebner, David Carl, B.E. - - - - -	1953
Gillman, Phyllis Constance, B.A. - - - - -	1916	Graham, George Finlay, B.E. - - - - -	1927
Gilmore, Hugh Robert, M.B., B.S. - - - - -	1945	Graham, Mary Theresa, M.A. - - - - -	1933
Gilmore, Jean, LL.B. - - - - -	1934	Graham, May Elisabeth, B.A. - - - - -	1941
Gladigau, Rita Doreen, B.Ec. - - - - -	1948	Graham, Roger Dean, B.E. - - - - -	1950
Glaessner, Martin Fritz, D.Sc. (Melbourne, 1948) - - - - -	1951	Grant, Allan Kerr, M.B., B.S. - - - - -	1947
Glastonbury, Dudley Ivan, B.Sc. - - - - -	1930	Grant, Colin Kerr, B.Sc. - - - - -	1931
B.A. - - - - -	1933	Grant, Donald Kerr, M.B., B.S. - - - - -	1942
Glastonbury, James Oliver Garnet, B.A. M.Sc. - - - - -	1932	Grant, John McBain, M.Ec. - - - - -	1953
Glastonbury, Keven, M.B., B.S. - - - - -	1926	Grant, Kerr, B.Sc. (M.Sc., Melbourne, 1901) - - - - -	1911
Glayde, Ernest James, B.E. - - - - -	1927	Crant, Marjorie Ruth, B.A. - - - - -	1939
†Gledhill, John Douglas, B.E. - - - - -	1952	Crant, Mary Raymond, M.Sc. - - - - -	1950
†Glesinger, Marianne Antonie, M.B., B.S. - - - - -	1953	Crant, Richard Longford Thorold, M.B., B.S. - - - - -	1918
Gliddon, Alfred Bertram Keith, M.B., B.S. - - - - -	1948	†Grasso, Rosario, B.Sc. - - - - -	1954
Gliddon, William Aquilla Robert James, B.A. - - - - -	1950	Gratton, Gordon Sydney, LL.B. - - - - -	1950
Glover, Brian, B.Sc. - - - - -	1945	Gratton, Marshall Gladstone, M.B., B.S. - - - - -	1941
Gluis, John, M.A. - - - - -	1922	Gratton, Mephan John, B.E. - - - - -	1934
Gluyas, Robert John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1948	Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915) - - - - -	1920
Glynn, Brian McMahon, LL.B. - - - - -	1933	Gray, Alexander Frederick, B.Sc. (Eng.) - - - - -	1942
Glynn, Denis McMahon, LL.B. - - - - -	1929	Gray, Eric William, B.A. - - - - -	1931
Glynn, Robert McMahon, M.B., B.S. - - - - -	1919	Gray, Frederic Victor, M.Sc. - - - - -	1948
Goatcher, Philip Daniel, M.B., B.S. - - - - -	1945	Gray, Harvey Hamilton, B.Ec. - - - - -	1949
Gobbett, Thelma Jean, B.A. - - - - -	1950	B.A. - - - - -	1952
Godfrey, Edward John Owen, M.B., B.S. - - - - -	1945	Gray, Keith Douglas, M.B., B.S. - - - - -	1926
Godfrey, Kirke Charles, M.B., B.S. - - - - -	1914	Gray, Maurice Chadwick, B.Sc. - - - - -	1933
		Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered for B.E. 1913) - - - - -	1913

\* Deceased.

† Not yet Members of the Senate.

Green, Alan Elston, B.Sc. - - - -	1949		
Green, Cynthia Joan, B.A. - - - -	1945		
Green, Donald Clare, B.Sc. - - - -	1942		
Green, Herbert Sydney, D.Sc. (Edinburgh) - - - -	1952		
†Green, John William, B.Sc. - - - -	1953		
Green, Lawrence Goodwin, B.Ec. - - - -	1951		
Green, Lorna Mary Alexander, B.Sc. - - - -	1927		
B.A. - - - -	1929		
†Green, Mary Patricia, B.Sc. - - - -	1954		
†Green, Ralph Noel, B.A. - - - -	1954		
Green, Richard Maslen, B.A. - - - -	1937		
Green, Ronald Gordon, B.Sc. - - - -	1949		
Green, William Allan McInnes, B.E. - - - -	1928		
Greenfield, Vivian Hutchison, B.Sc. - - - -	1951		
Greenhough, Arthur David, B.E. - - - -	1942		
Greenland, Patrick Cecil, M.A. - - - -	1933		
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered for B.E., 1913) - - - -	1913		
Greenlees, Rollo, M.B., B.S. - - - -	1937		
Greenway, Harold, B.E. (B.Sc., 1906, surrendered for B.E., 1913) - - - -	1913		
Greenway, Thomas Charles, B.Sc. - - - -	1900		
Greenwood (formerly Nadebaum), Rudolph Oertel, B.A. - - - -	1907		
†Greer, Henry Steven, M.B., B.S. - - - -	1952		
†Greet, Frank Hamilton, B.A. - - - -	1953		
†Greet, Norman George Frank, M.A. - - - -	1928		
Gregory, Cedric Errol, B.E. - - - -	1931		
B.A. - - - -	1944		
†Gregory, Janet Phillis, B.A. - - - -	1954		
†Grewar, Lais Valerie, M.B., B.S. - - - -	1952		
Gribble, Albert Elijah, M.B., B.S. - - - -	1929		
Grierson, John James, B.E. - - - -	1937		
†Grieve, Ian Charles, LL.B. - - - -	1953		
Griff, Bernard, LL.B. - - - -	1925		
Griffin, Danielle, B.A. - - - -	1949		
Griffin, Donald Ward, B.E. - - - -	1951		
Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - -	1947		
*Griffiths, Ernest William, M.B., B.S. - - - -	1906		
Griffiths, George Townsend, Mus.Bac. - - - -	1915		
Griffiths, Thomas Lester, LL.B. - - - -	1913		
Griggs, Clarence Middleton, B.Sc. - - - -	1924		
Griggs, James Middleton, B.E. - - - -	1949		
Griggs, Robert Leslie, B.Ec. - - - -	1951		
Grimes, Louisa Catherine, Mus.Bac. - - - -	1937		
Gross, Gordon Flinders, B.Sc. - - - -	1950		
Gross, Klem Bassett, B.E. - - - -	1924		
Gross, Patricia Mary, B.A. - - - -	1950		
Grosser, Agnes Juliana Hulda, B.A. - - - -	1910		
Crosvenor, Cyril, B.D.S. - - - -	1925		
Crosvenor, Edna Mary, M.A. - - - -	1926		
Grote, Albert Walter, M.D., B.S. - - - -	1926		
Groves, Murielle Annis Clelland, B.A. - - - -	1937		
Grubb, Yvonne, B.A. - - - -	1951		
Gubbins, Heather Welch, B.A. - - - -	1950		
Guenther, John Irving, M.B., B.S. - - - -	1942		
†Guerin, Ronald St. Clair, B.E. - - - -	1953		
Guinand, Andrew Paul, B.Sc. - - - -	1932		
Guinand, Mimi Helen, B.A. - - - -	1938		
Gum, Colin Stanley, M.Sc. - - - -	1951		
Gun, Lancelot Townsend, LL.B. - - - -	1924		
Gunn, John Alexander, M.A. (Liverpool, 1919) - - - -	1926		
Gunning, Norman Stannus, M.B., B.S. - - - -	1926		
†Gunson, John Grattan, M.B., B.S. - - - -	1952		
Gunson, John Michael Morphett, M.B., B.S. - - - -	1933		
Gunton, James Donald, B.A. - - - -	1938		
Guppy, Douglas James, B.Sc. - - - -	1944		
Guppy (nee Knox), Joan Claudia, B.Sc. - - - -	1943		
Gurner, Colin, M.B., B.S. - - - -	1918		
Gurner, Colin Marshall, M.B., B.S. - - - -	1942		
Gurney, Harold Cyril, M.Sc. - - - -	1932		
Gurr, Clifford George, B.Sc. - - - -	1947		
Guster, Allan Frederick, B.E. - - - -	1951		
Guthaner, Ernst, M.B., B.S. - - - -	1942		
Guymer, Arthur Howes, M.B., B.S. - - - -	1915		
Guymer, Ernest Albert, M.B., B.S. - - - -	1914		
Guymer, Max William, M.B., B.S. - - - -	1947		
		H	
†Habib, Bernadette Dolores, M.B., B.S. - - - -	1954		
Habich, Carl Gerhard, B.A. - - - -	1932		
Habich, Carl Julius, B.E. - - - -	1930		
Hackett, Cecil John, M.D. (M.B., B.S., 1927) - - - -	1935		
Hackworthy, Harold Stewart, B.Sc. - - - -	1945		
†Haddrick, Eric Murray, LL.B. - - - -	1954		
†Haddrick, Peter Donald, B.E. - - - -	1953		
†Haden, John Forbes, B.A. - - - -	1953		
Haese, Beth Theodora, B.A. - - - -	1947		
Haese, Ernst Alfred Wilhelm, B.A. - - - -	1943		
Haese, Frederick Ernest Douglas, B.A. - - - -	1950		
Hague, Ralph Meyrick, LL.B. - - - -	1932		
Hahn, Hurtle William, B.A. - - - -	1933		
Haines, Colin Edward, B.Ag.Sc. - - - -	1941		
Haines, Murray David, B.A. - - - -	1947		
Haines, Norman Lindsay, B.A. - - - -	1947		
Hains, Ivan Coronel, M.B., B.S. - - - -	1911		
Hains, Robert Myer, M.B., B.S. - - - -	1940		
Hakendorf, Andrew John, M.B., B.S. - - - -	1929		
Haldane, Alexander David, B.Sc. - - - -	1949		
†Hale, Robert Palmer, B.Sc. - - - -	1954		
Hall, Alfred Daniel, M.A. (Oxford) - - - -	1914		
Hall, Barbara Isabelle Herbert, B.Sc. - - - -	1951		
Hall, Charles Fishbourne, M.A. - - - -	1922		
Hall, James Stanley, B.E. - - - -	1933		
Hall, Jocelyn Rosemary, B.A. - - - -	1948		
Hall, Marjorie Gertrude, Mus.Bac. - - - -	1931		
Hall, Norman Bruce, M.B., B.S. - - - -	1917		
Hall, William Oswald James, B.Sc. - - - -	1950		
Hallett, Evan Charles, M.B., B.S. - - - -	1947		
Hallett, Harold Sinclair, B.E. - - - -	1932		
Hallett, Reginald Thomas, B.E. - - - -	1938		
†Halloran, Noel, M.B., B.S. - - - -	1953		
†Hamann, Keith Maurice, B.Sc. - - - -	1953		
Hambidge, Margaret Cecile, B.A. - - - -	1935		
Hambly, William Frank, M.A. (Melbourne) - - - -	1952		
†Hamden, William Callil, M.B., B.S. - - - -	1953		
†Hamdorf, Clifton John, B.E. - - - -	1953		
Hames, Muriel Jean, B.A. - - - -	1941		
Hamilton, Frank Alexander, B.E. - - - -	1941		
Hamilton, Ian Ayliffe, M.B., B.S. - - - -	1924		
Hamilton, Ian Scott, LL.B. - - - -	1951		
Hamilton, Jean Anne, B.Sc. - - - -	1947		
†Hamilton, Margaret Berner, B.Sc. - - - -	1952		
Hamilton, Reginald Hewgill, M.B., B.S. - - - -	1925		
Hamilton, William Murray, M.B., B.S. - - - -	1944		
Hammill, Robert Duncan, M.B., B.S. - - - -	1942		
Hammond, Henry Grant, M.B., B.S. - - - -	1944		
Hamp, Frances Marian, M.B., B.S. - - - -	1925		
Hancock, George Alfred, M.A. - - - -	1909		
Hancock, Henry Raymond Russell, M.B., B.S. - - - -	1927		
Hancock, James Russell, B.Sc. - - - -	1941		
†Hancock, John Owen, M.B., B.S. - - - -	1952		
Hancock, William Andrew, B.Sc. - - - -	1924		
Hancock, Sir William Keith, M.A. (Oxford, 1930) - - - -	1931		
†Handley, Donald Alfred, M.B., B.S. - - - -	1953		
Handley, Harold Arthur, M.B., B.S. - - - -	1951		
†Hankel, Barbara Joan, B.A. - - - -	1954		
Hannaford, Brian Douglas, B.Sc. - - - -	1945		
Hannan, Albert James, M.A. - - - -	1914		
LL.B. - - - -	1912		
Hannan, Clare Reginald, LL.B. - - - -	1922		
Hannan, Ian Ignatius, B.E. - - - -	1949		
Hannon, Dennis Francis, M.B., B.S. - - - -	1942		
†Hansberry, Gerald Maxwell, M.B., B.S. - - - -	1953		
Hansberry, John Pierce, B.A. - - - -	1945		
Hansberry, Mary Estelle, B.Sc. - - - -	1951		
B.A. - - - -	1954		
Hansen, Ian Alfred, B.Sc. - - - -	1948		
Hansen, Ian Victor, B.A. - - - -	1950		
Hansford, Clifford Gerald, D.Sc. (Cambridge) - - - -	1952		
Hanson, Bertram Speakman, M.B., B.S. - - - -	1928		
†Harbison, Alan Thomas, M.B., B.S. - - - -	1927		
*Harbison, Ernest John Keith, M.B., B.S. - - - -	1924		
†Harbison, John Henry, M.B., B.S. - - - -	1949		

\* Deceased.

† Not yet Members of the Senate.

†Harbison, Peter Alan, M.B., B.S. - -	1953	Haselgrove, Helene Martha, B.A. - -	1923
Harbison, William Arthur, B.E. - -	1938	Haselgrove, Janet Storrie, B.Sc. - -	1950
Harders, Clarence Waldemar, LL.B. -	1944	Haselgrove, Wilfred Eric, B.E. - -	1937
Harding, Florence Mary, M.A. (N.Z.,		Hasenohr, David, B.Sc. - - - -	1951
1932) - - - -	1949	Hasenohr, Edward, B.A. - - - -	1938
Hardy, Alfred Burton, LL.B. - - - -	1898	Hasenohr, Geoffrey, M.B., B.S. - -	1948
Hardy (nee Beckwith), Anne Caroline,		Haskard, George Henson Barrett, M.Sc.	1936
M.Sc. - - - -	1947	Haskard, John Rex, B.Sc. - - - -	1950
Hardy, Evan Lovell, B.E. - - - -	1935	†Haslam, Denise Allison, B.Sc. - - -	1953
Hardy, John Evans Simpson, M.B.,		Haslam, Leslie Horrocks, LL.B. - -	1908
B.S. - - - -	1945	Haslam, Margaret Martha, M.B., B.S.	1935
Hardy, John Scott, LL.B. - - - -	1926	Hassell, Frank Colin, B.E. - - - -	1933
Hardy, Mabel Phyllis, B.A. - - - -	1914	Hassell, Kathleen Lillian, M.A. - -	1927
Hardy, Thomas Walter, B.Sc. (Eng.) -	1947	Haste, Mary Joan, B.A. - - - -	1941
†Hargrave, John Charles, M.B., B.S. -	1954	Haste, Reginald Arthur, B.Sc. - - -	1911
Hargrave, Nathaniel Charles, LL.B. -	1938	M.B., B.S. - - - -	1914
B.A. - - - -	1939	Hauser, Frederick Herbert, B.A. - -	1931
Hargreaves, William Arthur, B.Sc.		†Hawes, Brian Richard Albert, B.E. -	1953
(Melbourne, 1891) - - - -	1909	†Hawke, John Burton, M.B., B.S. - -	1954
D.Sc. - - - -	1916	†Hawke, John Gardner, B.Sc. - - - -	1954
Harkness, Robert, B.A. - - - -	1907	Hawke, Vivian Lee, M.B., B.S. - - -	1946
†Harley, David George, B.E. - - - -	1953	Hawken, Doris Marguerite, B.A. - -	1917
Harley, James Froomes, M.B., B.S. -	1951	Hawker, Elizabeth Julie Seymour, B.A.	1942
Harley, Marjory, B.A. - - - -	1925	Hawkes, Rose Adeline, B.A. - - - -	1928
†Harman, Lewis Clive, B.D.S. - - - -	1953	Hawkins, Frederick James, LL.B., B.A.	1942
Harmer, John Reginald, M.A. (Cam-		*Haycraft, Edith Florence, B.Sc. - -	1890
bridge, 1884) - - - -	1895	Hayes, Horace Townsend, M.B., B.S.	1936
Harms, John Eric, B.Sc. - - - -	1951	†Hayman, David Lindsay, B.Ag.Sc. -	1953
Harms, Lois Philippa, M.B., B.S. - -	1948	Haynes, James Dalrymple, B.A. - - -	1950
Harniman, William Ronald, LL.B. - -	1936	Hayward, Edward Leo, LL.B. - - - -	1925
Harper, Anthony, LL.B. - - - -	1926	†Hayward, John, B.E. - - - -	1953
Harper, Ronald George, B.A. - - - -	1938	Hayward, John Lionel, M.D. (M.B.,	
B.Ec. - - - -	1947	B.S., 1932) - - - -	1936
Harrington, Colin, B.A. - - - -	1947	Hayward, Lancelot Alfred, M.B., B.S.	1914
Harrington, Enid Gretta, B.A. - - - -	1950	Hayward, Thomas Ronald, B.A. (B.Ec.,	
Harrington, Joan Margaret, B.Sc. - -	1945	1949) - - - -	1953
Harrington, Reginald Frank, B.D.S. -	1943	Hayward, Walter Richard, B.A. - - -	1934
Harrip, Brian John, B.A. - - - -	1950	†Haywood, Edward Francis, M.B., B.S.	1952
Harris, Allan Cuthbert, B.Sc. - - - -	1923	†Head, John Graeme, B.Ec. - - - -	1954
Harris, Beryl Ruth, B.A. - - - -	1935	Heading, Keith Edward George, B.Sc.	1930
Harris, Cecil George, B.A. - - - -	1951	B.A. - - - -	1938
Harris, Clare Sparkes, LL.B. - - - -	1925	Headlam, Morley Lewis Caulfield, M.A.	
Harris, David Hall, M.B., B.S. - - - -	1942	(Oxford, 1893) - - - -	1900
†Harris, David John, M.B., B.S. - - -	1952	†Healy, Anthony Hodgens, B.D.S. - - -	1952
†Harris, Digby Ian, M.B., B.S. - - - -	1953	Healy, Peter, B.Sc. - - - -	1948
Harris, Donald Dunstan, M.A. - - - -	1929	Healy, Vincent Michael, B.Sc. - - - -	1939
Harris, Dorothy Mary, B.A. - - - -	1919	Heard, Kenneth Harold, M.B., B.S. -	1936
Harris, Dudley Andrew, B.A. - - - -	1938	Heard, Lyall Scott, B.Sc. (Eng.) - -	1944
Harris, Ernest Wilfred, LL.B. - - - -	1920	Heaslip (nee Shorney), Barbara Kate,	
Harris, Ian Antrobus, M.B., B.S. - - -	1949	B.A. - - - -	1928
†Harris, James Dunbar, M.B., B.S. - -	1953	Heaslip, William Gordon, M.B., B.S.	1929
Harris, Jack Ronald, M.Sc. - - - -	1951	Heath, Ronald Bertram, B.E. - - - -	1941
Harris, John, M.B., B.S. - - - -	1924	Heath, Trevor James Gartrell, B.A.	
Harris, John Ernest, B.E. - - - -	1949	(Cambridge, 1928) - - - -	1928
Harris, Lorna Muriel, B.A. - - - -	1934	LL.B. - - - -	1932
Harris, Shirley Joyce, B.A. - - - -	1938	Heaton, Herbert, M.A. (Leeds, 1912) -	1918
Harris, Sophie Dora, B.A. - - - -	1928	Hebart, Armin William, B.Sc. - - - -	1944
Harris, William Brocas, B.Ag.Sc. - -	1947	Hebart, Siegfried Paul, M.A. - - - -	1932
Harris, William Patrick, M.B., B.S. -	1933	Hebart, Werner Friedrich, B.A. - - -	1934
Harrison, Howard Raymond, B.Sc. - -	1948	†Hecker, Olive May, B.A. - - - -	1954
Harrison, Walter, B.A. - - - -	1929	Hecker, Robert, M.B., B.S. - - - -	1947
†Harold, Colin Morse, M.B., B.S. - - -	1953	*Hecker, Stewart Roy, M.B., B.S. - -	1919
Harry, Arthur Hartley, B.A. - - - -	1901	Heddle, Frederic French, M.B., B.S.	1935
Harry, Geoffrey Courtenay, LL.B. - -	1925	Heddle, Robert Charles, M.B., B.S. -	1942
†Harry, Grant Varley, B.E. - - - -	1953	Heddle, Shirley, B.A. - - - -	1947
Harry, Irene Pearl, B.A. - - - -	1915	Hedger, Dorothy Mavis, B.A. - - - -	1936
Harry, Romilly Carveth, LL.B. - - - -	1929	Heidenreich, George Bernhard Franz,	
Hart, Arthur Maxwell, B.A. - - - -	1950	B.A. - - - -	1944
Hart, David Henderson, B.Sc. - - - -	1942	Heighway, Freida Ruth, M.D. (Syd-	
Hart, Mary Margaret, B.A. - - - -	1950	ney, 1939) - - - -	1949
†Hartshorne, Brian Herbert, M.B., B.S.	1952	Heinemann, Edmund Lewis, B.A. (Ox-	
Harvey, Alison, B.A. - - - -	1938	ford, 1887) - - - -	1890
Harvey, Bernice Enid, Mus.Bac. - - -	1928	Heinemann, Mary Josephine, B.A. - -	1948
Harvey, Dean Lawrence, B.Sc. - - - -	1947	Heinemann, Mervyn Lambert, B.A. - -	1940
Harvey, Faith Fairbank, Mus.Bac. - -	1925	Heinrich, Jeff Dean, B.Sc. - - - -	1949
B.A. - - - -	1936	Heitmann, Dorothea Smith, M.B., B.S.	1949
Harvey, Frederick George, M.A. (Yale,		Heitmann, John Smith, M.B., B.S. - -	1951
1934) - - - -	1934	Hemingway, Peter Cunliffe, B.Sc. - -	1949
Harvey, Raymond Hynson, B.E. - - - -	1936	Henderson, Eric Malcolm, B.E. - - - -	1932
Harvey, Richard Gilbert Mungo,		Henderson, Leonard Ross, B.Ec. - - -	1949
B.Ag.Sc. - - - -	1948	Henderson, Roland, LL.B. - - - -	1926
Harvie, Sydney Haral, B.Sc. - - - -	1927	Hendrickson, Douglas Buxton, M.B.,	
†Harwood, John William, M.B., B.S. -	1953	B.S. - - - -	1941
Haselgrove, Harold Frederick, M.B.,		†Henning, Frederick Rudolph, B.D.S. -	1952
B.S. - - - -	1946	†Henningsen, Marcus, B.E. - - - -	1952

\* Deceased.

† Not yet Members of the Senate.

Henschke, Lawrence Ronald, B.E. - - -	1951	Hitchcox, Alfred Clarke, M.A. - - -	1932
Henschke, Norman Frederick, B.Sc. - -	1952	Hoar, Barbara Charlotte, B.Sc. - - -	1948
Hensel, Gordon Maxwell, B.Sc. - - -	1951	Hoare, Lehone Lucas, M.B., B.S. - -	1949
Herbert, Septimus Giffen Mills, B.Sc.	1949	Hobbs, Alan Frank, M.B., B.S. - - -	1922
Hermes, Clarence Lindsay, LL.B. - - -	1951	Hobbs, Ian Harold, M.B., B.S. - - -	1948
Herriot, Robert Irvine, B.Ag.Sc. - - -	1932	†Hobden, Joan Frances, B.Sc. - - -	1952
†Herriot, Ronald Melbourne, B.E. - - -	1952	Hocking, Colin Stanley, B.Sc. - - -	1949
Hersel, August Wilhelm, B.A. - - -	1935	Hocking, Frank Maxwell, B.Sc. - - -	1929
†Herzog, Paul, B.A. - - -	1953	†Hocking, Kevin, B.E. - - -	1953
Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered for B.E., 1913) - - -	1913	Hocctor, John Francis, B.A. (Dublin, 1871) - - -	1877
Heseltine, Samuel Richard, LL.B. - -	1908	†Hodan, Miroslav, B.Ec. - - -	1953
Hester, Gwynn Thomas John, B.A. - -	1950	Hodby, Frederic Stephen, LL.B. - - -	1925
Hetherington, Robert, B.A. - - -	1951	Hodby, Kenneth Wellesley, M.B., B.S.	1936
Hetzl, Basil Stuart, M.D. (M.B., B.S., 1944) - - -	1949	Hodby, Lindley David, M.B., B.S. - -	1929
Hetzl, Kenneth Stuart, M.D. (M.B., B.S., 1920) - - -	1926	†Hodge, Philip Richard, M.B., B.S. - -	1952
Hetzl, Peter Stuart, M.D. (M.B., B.S., 1948) - - -	1952	†Hodgkinson, Peter Willis, B.Ec. - - -	1952
†Heuer, Powel Max, B.Sc. - - -	1953	Hodgson, Ian Harold, B.D.S. - - -	1950
Heuzenroeder, Reginald Leo, LL.B. - -	1923	†Hoff, Lothar Clemens, M.B., B.S. - -	1953
Hewett, Esther Jean, B.A. - - -	1938	Hoffman, Jack, M.B., B.S. - - -	1951
Hewitson, Gordon Frank, B.A. - - -	1951	*Hogan, Esmond John Campbell, LL.B.	1920
Hewitson, Malcolm Thomas, B.A. - - -	1951	Hogan, Margaret Mary, B.A. - - -	1950
Hewitt, Cecil Austin, LL.B. - - -	1924	Hogan, Philip Cornelius, M.B., B.S. -	1928
Heyne, Carl William, B.D.S. - - -	1949	Hogarth, David Stirling, LL.B. - - -	1931
Heyne, Ida Marie, B.A. - - -	1916	Hogben, Roy, B.Sc. - - -	1950
Heyne, Laura Olga Hedwig, M.A. - - -	1917	Hoile, Douglas Edward, M.B., B.S. -	1951
Heywood, Marie Louise, B.A. - - -	1941	†Hoile, Edward Murray, M.B., B.S. -	1953
Hiatt, Jack Thomas, LL.B. - - -	1947	Holdaway, Frederick George, M.Sc. (Queensland, 1925) - - -	1926
†Hibbert, Kevin Malcolm, B.E. - - -	1953	Holden, Ethel, B.A. - - -	1931
Hickey, Kathleen Veronica, B.A. - - -	1945	Holden, Geoffrey Raymond, B.Sc. - -	1951
Hickinbotham, Alan David, B.Sc. - - -	1949	Holden, Robert William, B.E. - - -	1950
Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915) - - -	1926	Holder, Alison Joyce, Mus.Bac. - - -	1941
M.D. (M.B., Ch.B., N.Z., 1923) - - -	1936	Holder, Ethel Roby, M.A. - - -	1901
Hicks, Dene Alan, M.B., B.S. - - -	1948	Holder, Evan Morecott, B.E. (B.Sc. 1909, surrendered for B.E., 1913) -	1913
Hicks, Edward Paul, M.B., B.S. - - -	1951	Holder, Sophia Ellen, B.A. - - -	1906
Hicks, Francis Gibson, LL.B. - - -	1915	*Holder, Sydney Ernest, M.B., B.S. -	1913
Hicks, Neil Dennis, M.B., B.S. - - -	1948	Holdring, Sheila Dolby, B.A. - - -	1943
Hicks, Warren Roseveare, B.Sc. - - -	1944	Holdsworth, Leslie McLeod, B.A. - -	1934
†Hiern, Maurice Noel, B.Sc. - - -	1952	Holland, Charlotte Annie, B.A. - - -	1918
Hieser, Ronald Oswald, M.Ec. - - -	1954	†Holland, James William, B.D.S. - - -	1952
Higginbottom, Edwin Corlett, B.A. - -	1920	Holland, Joan, B.A. - - -	1944
Higginbottom, Edwin John, B.Ec. - - -	1950	Holland, Laurence Corin, M.B., B.S. -	1935
†Higgins, Alan Leslie, B.E. - - -	1953	†Holliday, Norman Grant, B.E. - - -	1952
Higgins, Alfred James, B.A. - - -	1930	Hollidge, Alfreda Faith, B.A. - - -	1922
Higgs, Edward Davies, B.Ag.Sc. - - -	1950	Hollidge, David Henry, M.A. - - -	1889
Hilbig, Paul Berthold, B.A. - - -	1930	Hollidge, Geoffrey David, LL.B. - -	1926
Hill, Albert Charles, B.A. - - -	1914	Holloway, Bruce William, B.Sc. - - -	1948
Hill, Alma Isobel, B.A. - - -	1948	†Holman, Lawson James, M.B., B.S. -	1954
Hill, Arthur William, D.Sc. (Cam- bridge, 1918) - - -	1927	Holmes, Henry Bertram, M.B., B.S. -	1940
Hill, Douglas Henry - - -	1949	Holmes, Reginald Murray, M.B., B.S.	1949
Hill, Florence McCoy, B.Sc. (California, 1897) - - -	1927	Holtham, Richard, B.A. (Queensland, 1916) - - -	1920
Hill, John, B.Sc. - - -	1922	†Holton, Jack Arthur, B.E. - - -	1952
Hill, John Albert, B.Sc. - - -	1943	Homburg, John, LL.B. - - -	1908
Hill, John Distin, B.Sc. - - -	1940	Hone, Alfred Andrew, B.Sc. - - -	1924
Hill, John Seymour Thew Tregarthen, M.B., B.S. - - -	1941	Hone, Brian William, B.A. - - -	1928
Hill, Kenneth Arthur, B.Sc. (Eng.) - -	1950	Hone, Effie Jessie, M.B., B.S. (Mel- bourne, 1921) - - -	1938
Hill, Malcolm, B.E. - - -	1951	Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920) - - -	1923
†Hill, Malcolm Robert, B.Ec. - - -	1952	*Hone, Frank Sandland, B.A. - - -	1889
Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910) - - -	1920	M.B., B.S. - - -	1894
Hill, Hilda Mary, B.A. - - -	1908	Hone, Garton Maxwell, M.B., B.S. - -	1924
Hillier, Howard Armstrong, B.E. - - -	1950	Hone, Michael Raymond, B.Sc. - - -	1950
Hilton, Arthur Robert, B.A. - - -	1909	M.B., B.S. - - -	1954
Hilton, Frank Morphett, B.Ag.Sc. - -	1948	Hone, Winifred Ruth Selwyn, B.A. -	1934
Hilton, Keith Denyer, LL.B. - - -	1949	Honor, Wilfred Weston, B.Sc. - - -	1931
Hinde, James Tempest, B.Sc. - - -	1941	M.E. - - -	1945
Hine, Denise Charlotte, M.Sc. - - -	1952	Hood, Vivian George, B.D.S. - - -	1950
Hine, Florence Pauline, B.A. - - -	1947	Hooker, Robert John, B.E. - - -	1951
Hirst, Ronald Robert, M.Ec. - - -	1950	Hooper, Frederick Harvey, B.Ag.Sc. -	1936
Hiscock, Ian David, Ph.D. - - -	1952	Hooper, Jane Barker, B.A. - - -	1941
†Hiscock, Kenneth George, B.D.S. - - -	1952	Hooper, Peter Laurence, B.Sc. - - -	1934
Hiscock, Stephen West, B.Sc. - - -	1949	Hooper, Rex Truran, M.E. - - -	1949
Hisgrove, Gladys, B.A. - - -	1936	Hoopman, Friedrich Wilhelm, M.B., B.S. - - -	1922
Hiskey, Thomas Alan, B.A. - - -	1949	Hoopmann, Eric Paul, M.B., B.S. - -	1949
Hitchcox, Joyce Mary, B.A. - - -	1949	Hope (nee Fowler), Laura Margaret, M.B., B.S. - - -	1891
		Hopkins, Alfred Nicholas, B.A. - - -	1888
		Hopkins, Brian McDonald, B.Sc. - - -	1950

\* Deceased.

† Not yet Members of the Senate.

Hopper, Brian William, B.Sc. - - -	1947	Hurley, Leonard Joseph Bernard, B.A.	1914
Hopton, Peter Phillip Adrian, B.A. - -	1947	Hurst, Edward Weston, D.Sc. (Birmingham, 1932) - - -	1941
Horder, Thomas Jeeves, Baron of Ashford, M.D. (London, 1899) - - -	1935	Hurst, Harvey Herbert, M.B., B.S. - -	1929
Horman, William Dinwoodie Ackland, M.B., B.S. - - -	1941	†Hurst, Peter Edwin, M.B., B.S. - - -	1953
*Hornabrook, Reginald Denys, M.B., B.S. - - -	1925	Hurst, Walter William, B.Sc. - - -	1916
Hornabrook, Rupert Walter, M.B., B.S. -	1896	Hussey, Brian Leitch, B.D.S. - - -	1951
†Horton, Robert Ralph, M.B., B.S. - - -	1953	*Hussey, Percival Francis Leitch, M.B., B.S. - - -	1920
Hosking, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - -	1947	Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929) - - -	1945
Hosking, Herbert Champion, M.B., B.S. -	1923	Hutcheson, George Ian Dewart, B.E. - -	1917
*Hosking, Herbert Clifton, B.A. - - -	1908	Hutcheson, Gordon Bramwell, LL.B. -	1930
Hosking, Lochee Maud, B.A. - - -	1931	Hutchinson, Clive Reginald, B.A. - - -	1948
Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947	Hutchinson, Colin Frederick, B.Sc. - -	1950
Hosking, Peter Kay, B.E. - - -	1948	Hutton, Edward Mark, D.Sc. - - -	1951
Hoskins, Howard Berthold, B.A. - - -	1926	Hutton, John Thomas, B.Sc. - - -	1938
Hossfeld, Paul Samuel, Ph.D. - - -	1953	Hutton, Tom Allan, LL.B. - - -	1946
Hourigan, Lloyd David, B.Ec. - - -	1950	Huxley, Leonard George Holden, Ph.D. (D.Phil., Oxford) - - -	1950
Hourigan, Richard Edward, LL.B. - - -	1893	Hyde, Alan Graham, B.Ec. - - -	1951
Howard, Arthur Ewing, B.A. - - -	1912	†Hyde, James O'Halloran, M.B., B.S. -	1954
Howard, Donald William Digby, B.Ec. -	1949	Hyde, Miriam Beatrice, Mus.Bac. - - -	1931
Howard, Ephrem, B.A. - - -	1937	I	
Howard, Juliet Hardman, M.B., B.S. - -	1951	Ide, Donald Norman, B.E. (Interim B.Sc. (Eng.), 1948, surrendered) -	1948
Howard, Leo, M.A. - - -	1943	Ide, Frank Boyle, B.E. - - -	1928
Howard, Peter, Felix, B.Sc. - - -	1950	*Iliffe, James Drinkwater, B.Sc. - - -	1899
Howard, Rex Trowbridge, B.Sc. - - -	1950	Iliffe, Michael Isaac Glover, B.Sc. - -	1934
Howard, Ronald Walter, B.E. - - -	1951	Ingamells, Dora, B.A. - - -	1909
Howard, Yvonne Mary, B.A. - - -	1945	Ingamells, Eric Marfleet, B.A. - - -	1908
Howe, George William Osborn, D.Sc. (Durham, 1914) - - -	1914	Ingamells, Reginald Charles, B.A. - - -	1934
Howell, Frederick Glenroy Graham, B.Sc. - - -	1949	Ingley, Aileen Constance, LL.B. - -	1921
Howell, Murray Wentworth, B.E. - - -	1935	in't Veld (nee Champion de Crespigny), Margaret, B.A. (Melbourne, 1940) -	1940
Howes, David William, B.Sc. - - -	1949	†Ireland, Graham Malcolm, M.B., B.S. -	1953
Howie, Mary Hotham, B.A. - - -	1943	Ireland, Norman Arthur, M.A. - - -	1932
Howland, Donald John, B.A. - - -	1948	Irvine, Beatrice May, M.B., B.S. - - -	1941
Howlett (nee Hughes), Nellie Ruth, B.A. - - -	1941	Irving, Denys Benson, B.Sc. - - -	1950
Howlett, Philip Thomas Michael B.Ec. (M.A., 1947) - - -	1953	Irving (nee Robin), Elizabeth Anne, M.Sc. - - -	1954
Hubbard, Margaret Eileen, M.A. - - -	1949	Irving, Henry Edward, LL.B. - - -	1933
Hubbe, Edith Ulrica, B.A. - - -	1908	Irving, Iris Mary, B.A. - - -	1950
M.B., B.S. - - -	1922	Irving, Roger John, M.Sc. - - -	1948
Hubble, George Dixon, B.Ag.Sc. - - -	1934	Irwin, Edith French, B.Sc. - - -	1939
†Huckson, Ernest John, B.E. - - -	1952	Irwin, Graham Wilkie, B.A. - - -	1947
Huddleston, Leslie Basil, B.Sc. (Eng.) -	1942	Irwin, John Francis, B.D.S. - - -	1951
Huddleston, Stanley Ernest, B.Sc. - - -	1934	Irwin, Robert Newenham, LL.B. - - -	1929
B.E. - - -	1935	Irwin, William Morris, M.B., B.S. - -	1938
Hughes, Alfred, B.A. (Cambridge, 1886) - - -	1889	Isaachsen, Oscar Cedric, LL.B. - - -	1932
*Hughes, Gordon Kingsley, D.Sc. - - -	1954	Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931) - - -	1937
Hughes, Harold Timothy, B.Ag.Sc. - - -	1941	Isles, Keith Sydney, M.A. (Cambridge, 1933) - - -	1941
†Hughes, John Burnell, M.B., B.S. - - -	1952	Isom, Constance Ruth, B.A. - - -	1934
Hughes, James Estcourt, M.S. (M.B., B.S., 1926) - - -	1937	J	
Hughes, Leslie Donald, B.E. - - -	1949	Jack, Fannie Augusta, B.A. (Sydney, 1899) - - -	1913
†Hughes, Patricia Gliddon, B.Sc. - - -	1952	Jack, Robert Lockhart, B.E. (Sydney, 1899) - - -	1913
Hughes, Robert Douglas, B.D.S. - - -	1938	D.Sc. - - -	1930
Hughes, Robert George, B.Sc. (Eng.) - -	1942	Jack, William Logan, M.B., B.S. - - -	1929
Human, James Peter Egerton, M.Sc. - - -	1948	Jackman, Frank Downer, B.E. - - -	1924
†Humphris, Elisabeth Amy, B.A. - - -	1952	Jackman, Lloyd Miles, Ph.D. - - -	1952
Humphris, Francis Henry, B.E. - - -	1924	†Jackman, Margaret Elva, B.Sc. - - -	1954
Humphris, Francis Ross, B.Ag.Sc. - - -	1944	Jackson, Arthur Marchant, B.A. - - -	1943
Humphry, Alfred Henry, M.B., B.S. - - -	1937	Jackson, Edward Arthur, B.Ag.Sc. - -	1951
Humphry, Lulu Eileen, B.Sc. - - -	1935	Jackson, John Frederick, B.Sc. - - -	1945
Hunkin, Leonard Dale, LL.B. - - -	1935	M.B., B.S. - - -	1951
†Hunkin, Milton Philip, B.A. - - -	1954	Jackson, Norton, B.E. - - -	1941
Hunt, Arnold Dudley, B.A. - - -	1942	Jacob, Charles Ernest Frederick, B.E. -	1934
†Hunt, Arnold Leighton, B.Sc. - - -	1952	Jacobs, Alan Brian, B.Ec. - - -	1949
Hunt, Max Aubrey, B.E. - - -	1931	†Jacobs, Donald Arthur, M.B., B.S. - -	1954
Hunter, Betty Vera, B.Sc. - - -	1947	Jacobs, Doreen Miriam, Mus.Bac. - -	1941
Hunter, Brian Oswald, LL.B. - - -	1932	Jacobs, Maxwell Ralph, M.Sc. - - -	1936
Hunter, Doris, B.A. - - -	1924	Jacobs, Samuel Joshua, LL.B. - - -	1948
Hunter, Geoffrey Allan, M.B., B.S. - - -	1942	†Jakobsen, Hugo, B.A. - - -	1954
Hunter, Ronald, M.B., B.S. - - -	1944	James, Alan Treleven, M.Sc. - - -	1949
Hunter, Thomas Bowden, M.B., B.S. - -	1944	James, Bertha Gwendoline, B.A. - - -	1934
Hunwick, Arthur Philip, B.E. - - -	1929	James, Clarence Keith, B.E. - - -	1932
Hunwick, Leonard William, LL.B. - - -	1936	James, Colin Thomas, M.B., B.S. - - -	1942

\* Deceased.

† Not yet Members of the Senate.

James, Helen Margaret, B.A. - - -	1941	Johnston, Elizabeth, LL.B. - - -	1948
James, Paul Reuben, M.B., B.S. - - -	1941	Johnston, Elliott Frank, LL.B. - - -	1940
† James, Richard Cecil, B.A. - - -	1954	Johnston, Lance Galbraith, B.E. - - -	1925
James, Robert Jeffery, B.E. (Interim		Johnston, Ross George, B.D.S. - - -	1936
B.Sc. (Eng.), 1944, surrendered)	1947	* Johnstone, Thomas Harvey, D.Sc. (Syd-	
James, Wesley Hughes, B.Sc. - - -	1919	ney, 1911) - - - - -	1923
M.E. - - - - -	1932	* Johnstone, Percy Emerson, B.A. - - -	1894
James William Rex, M.B., B.S. - - -	1928	LL.B. - - - - -	1898
† Janardhan, Narienkadu Mohanarunga,		Johnstone, William Watson, M.E. - - -	1947
B.E. - - - - -	1954	Jolly, Bertram Morris, M.B., B.S. - - -	1937
Janes, Boris Sebire, M.Sc. - - - - -	1948	† Jolly, Dennis Rawson Penfold, B.Sc. - - -	1953
Jansen, Marcus Gordon, M.B., B.S. - - -	1943	Jolly, Donald, B.Sc. - - - - -	1945
Janzow, Eric Herbert Martin, B.A. - - -	1940	* Jolly, Norman William, B.Sc. - - - - -	1901
Jarrett, Ivan Gentry, M.Sc. - - - - -	1947	Jolly, Wallace Wilson, M.S. (M.B.,	
Jarvis, Ronald Harris, M.B. B.S. - - -	1948	B.S., 1930) - - - - -	1936
Jauncey, George Eric Macdonnell,		Jolly, William Alfred Swinburne, B.E. - - -	1948
D.Sc. - - - - -	1922	Jolly, William Richard Norman, B.Sc.	
Jay, Hubert Melville, M.B., B.S. - - -	1908	B.A. - - - - -	1933
Jay, Peter Gerald, M.B., B.S. - - -	1941	Jona, Jacob, B.Sc. - - - - -	1937
† Jeanes, Brian Hamilton, M.B., B.S. - - -	1953	Jona, Judah Leon, D.Sc. - - - - -	1908
† Jeanes, John Colin, B.E. - - - - -	1954	M.B., B.S. (Melbourne, 1911) - - -	1910
Jeffares, Alexander Norman, M.A.		M.S. - - - - -	1917
(Oxford) - - - - -	1952	Jones, Alan Thomas Britten, M.B., B.S.	
† Jefferies, Brian Crossley, B.Ag.Sc. - - -	1953	Jones, Albert Edward, LL.B. - - - - -	1921
Jefferies, Arthur Tarlton, B.Sc. - - -	1908	Jones, Albert Walter, B.Sc. - - - - -	1888
Jeffries, John Singleton, M.B., B.S. - - -	1942	M.A. - - - - -	1932
Jeffries, Lewis Wibmer, M.B., B.S. - - -	1907	Jones, Brian Lewis, B.E. (Interim B.Sc.	
Jeffries, Philip Reid, Ph.D. (Sheffield,		Eng.), 1946, surrendered) - - - - -	1949
1952) - - - - -	1953	Jones, Conway Jeffrey, B.Sc. (Eng.) - - -	1945
Jeffries, Sir Shirley Williams, LL.B. - - -	1909	Jones, David Lewis, M.B., B.S. - - -	1950
Jellinek, Hans Helmut Gunter, Ph.D.		Jones, Doris Egerton, B.A. - - - - -	1911
(Cambridge, 1945) - - - - -	1951	Jones, Dorothy Irene, B.A. - - - - -	1945
Jenke, Dudley Conrad, B.Sc. - - - - -	1950	* Jones, Edmund Britten, M.B., B.S. - - -	1910
Jenkin, Alfred John Roseland, B.A. - - -	1932	Jones, Frederick Wood, D.Sc. (London,	
Jenkin, Beth Lenore, B.A. - - - - -	1940	1910) - - - - -	1920
Jenkin, Mabel Gertrude, B.A. - - - - -	1928	Jones, Geoffrey Hedley, M.B., B.S. - - -	1947
Jenkins, Heather Gordon, B.Sc. - - - - -	1950	Jones, Gwynfred, B.Sc. - - - - -	1926
Jenkins, Rex Desmond, B.A. - - - - -	1941	Jones, Herbert William, B.E. - - - - -	1939
Jenkinson, Herbert Gordon, M.E. (Mel-		Jones, Jean Murray, M.B., B.S. - - -	1944
bourne, 1916) - - - - -	1922	Jones, Kelvin Lindsay, B.Sc. - - - - -	1945
† Jenner, Anthony Martin, B.E. - - - - -	1952	Jones, Kenneth Thomas, M.B., B.S. - - -	1951
Jennings, Bruce, Arthur, B.E. - - - - -	1950	Jones, Mander, Evan, M.A. (Oxford)	
† Jennings, Robert Edward, B.Sc. - - -	1952	Jones, Margaret Britten, B.A. - - - - -	1948
Jennison, Raymond Barraclough, B.E.		Jones, Michael John, B.A. - - - - -	1947
Jens, John Matthias Joseph, M.B., B.S.		Jones, Reginald John, B.A. - - - - -	1954
Jensen, Allan Northbrook, B.E. (Inter-		Jones, Richard Edmund Britten, M.D.	
im B.Sc. (Eng.), 1944, surren-		(M.B., B.S., 1941) - - - - -	1948
dered) - - - - -	1947	† Jones, Robert Britten, M.B., B.S. - - -	1952
Jensen, Richard Ian Broughton, B.A.		Jones, Robert Howard, B.Sc. - - - - -	1940
Jensen, Tom Broughton, B.E. - - - - -	1951	Jordan, Deirdre Frances, B.A. - - - - -	1947
Jephcott, Bruce Reginald, B.Sc. - - -	1950	† Jorgensen, Donald Murray, M.B., B.S. - - -	1953
Jericho, Arnold Mervyn, B.E. - - - - -	1938	Jose, Cleve George, B.E. (Interim B.Sc.	
† Jessup, Allan Aubrey, M.B., B.S. - - -	1952	Eng.), 1947, surrendered) - - - - -	1947
† Jessup, Leonard Clive, M.B., B.S. - - -	1952	Jose, Edward Salisbury, B.A. (Oxford,	
† Jessup, Rupert William, M.Sc. - - -	1948	1904) - - - - -	1905
Jew, Ronald William, LL.B. - - - - -	1937	Jose, Geoffrey Alan, M.B., B.S. - - - - -	1948
† Jewell-Thomas, Stephen Rutter Cul-		Jose, George Herbert, M.A. (Oxford,	
ross, B.E. - - - - -	1954	1906) - - - - -	1906
† Jhoinke, Albert Keith, B.E. - - - - -	1952	Jose, Ivan Bede, M.S. (M.B., B.S.,	
John, Glen Owen, B.E. - - - - -	1951	1915) - - - - -	1923
† John, Lloyd Vincent, B.A. - - - - -	1954	Joseph, George, LL.B. - - - - -	1938
Johncock, Leonard Percy, B.A. - - - - -	1926	Joyce, Rosalie Woodruff, B.A. - - - - -	1929
Johns, Bennett Gilbert Langman, B.Sc.		Joyner, Malcolm Stewart, B.D.S. - - -	1926
Johns, Robert Keith, B.Sc. - - - - -	1948	Joyner, Max Frederick, LL.B. - - - - -	1913
Johns, Rowland Walden, B.E. - - - - -	1951	† Judd, James, B.A. - - - - -	1954
† Johnson, Christopher Malcolm, B.E. - - -	1952	Judd, Percival Richard Henry, B.A. - - -	1934
Johnson, Dorothy Mavis, B.A. - - - - -	1931	B.Ec. - - - - -	1938
* Johnson, Edward Angas, M.B., Ch.B.		Jude, Gertrude Josephine, B.Sc. - - -	1901
(Melbourne, 1897) - - - - -	1897	Judell, Maurice Wolff, B.Sc. - - - - -	1903
M.D. (Gottingen, 1899) - - - - -	1901	Judell, Trevor Leopold, B.Sc. - - - - -	1947
Johnson, Edwin Ralph, B.A. - - - - -	1931	Judell, Vivienne, LL.B. - - - - -	1933
Johnson, Francis Henry, M.A. (Ox-		Juett, Christina Margaret, M.A. - - -	1933
ford) - - - - -	1952	Jungerson, Hector Frederik Estrup,	
Johnson, Jeffery William Harwood,		D.Sc. (Cambridge, Mass., 1909) - - -	1914
LL.B. - - - - -	1951	Jungfer, Carl Clifford, M.D. (M.B.,	
Johnson, Keith Douglas, B.Sc. - - - - -	1950	B.S., 1936) - - - - -	1949
† Johnson, Margaret Isabel, B.A. - - - - -	1952	Jungfer, Lorenz Wilfred, B.D.S. - - -	1933
Johnson, Peter Ralph, B.Sc. - - - - -	1941	Juritz, Charles Frederick, D.Sc. (Cape	
Johnson, Ronald Lisle, LL.B. - - - - -	1937	of Good Hope, 1907) - - - - -	1914
Johnson, William Courtenay Saunders,		Jury, Charles Rischbieth, M.A. (Ox-	
B.A. - - - - -	1934	ford, 1923) - - - - -	1931
Johnson, William Herbert, B.A. - - - - -	1911	† Juttner, Prudence Anne, B.Sc. - - - - -	1952
* Johnston, Benjamin George, M.B., B.S.	1924		

\* Deceased.

† Not yet Members of the Senate.



K			
†Kaewbaidhoon, Sa-ngob, B.Sc.	1952	Kessell, Stephen Lackey, M.Sc.	1927
Kahan, Raoul Bellaz, B.Sc.	1911	Kesting, Louis John, B.A.	1944
Kaines, Macklin, B.A.	1927	Ketteridge, Ian Bruce, B.E.	1951
Kaines, Raymond Hannay, M.B., B.S.	1926	Keynes, Doris Ruth, B.Sc.	1950
†Kalinovsky, Galina, M.B., B.S.	1953	Keynes, Nanette Joan, B.A.	1943
†Kalinovsky, Peter Victor, M.B., B.S.	1953	†Kidd, Rowland James, B.D.S.	1953
Kaneff, Stephen Dimov, B.E.	1949	Kidman, Barbara Phyllis, B.Sc.	1948
Kanwar, Jaswant Singh, Ph.D.	1954	Kiek, Edward Sidney, M.A. (Oxford, 1910)	1920
Kappler, Laurel Valma Joy, B.A.	1950	Kiek, Laurence Edward, M.A.	1949
Karim, Abdul (M.Sc., Dacca) Ph.D.	1951	Kiek, Sidney Noel, B.Sc.	1939
Karmel, Peter Henry, Ph.D. (Cambridge, 1948)	1951	Kiek, Winifred, M.A. (B.A., Manchester, 1907)	1929
Katekar, Henry John, LL.B.	1937	Kies, Alick Andrew, B.A.	1938
Kay, Alexander Theodore, B.E.	1924	Kildea, Mary Francis, B.A.	1940
Kay, Cecil Bernhard, B.Sc.	1935	Kilgariff, Joseph Thomas, B.E.	1942
Kay, Mouat John Richard, M.A. (Oxford, 1907)	1926	Kilgariff, Ronald Desmond, B.Sc.	1948
Kay, Robert Pringle, B.E.	1926	Killmier, Arthur Clifford, B.A.	1929
Kay, Sylvius Clarence, B.Sc.	1939	†Killmier, Betty Margaret, B.A.	1953
Keally, Frank Shenstone, B.A.	1951	Kimber, Hugh Robert Reid, B.E.	1940
Kean, Eileen Margaret, M.A.	1940	Kimber, Pamela, B.A.	1947
Keany, John William, B.Ec.	1949	†Kimber, Richard John, B.D.S.	1953
Kearnan, Joseph Reginald, LL.B.	1925	Kindler, John Ernest M.E.	1930
Kearney, Bernard James, B.A.	1949	King, Colin George, B.D.S.	1938
Kearney (nee Dorsch), Ida Margarete, B.A.	1926	King, Donald, M.Sc.	1950
†Kearney, Josephine Agnes, B.A.	1952	King, Leonard James, LL.B.	1951
Keats, Arthur Lange, B.E.	1937	†Kinnane, Kenneth James, B.D.S.	1952
Keats, John Augustus, B.Sc.	1944	Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Keats, Reynold Gilbert, B.Sc.	1948	Kinnear, Andrew Munro, B.E.	1950
†Keech, Donald Bruce, B.Sc.	1953	†Kinsman, Andrew Guise, B.E.	1954
†Keen, Ross Maxwell, B.E.	1954	Kirby, David Bevan, M.B., B.S.	1951
Keeves, Andrew, B.Sc.	1951	Kirkby, Mary Maude, B.Sc.	1890
Keeves, John Philip, B.Sc.	1945	Kirkman, David Norton, M.B., B.S.	1947
Keeves, Margaret, B.A.	1944	Kirkman, Edith Doreen, B.Sc.	1948
Keipert, Leslie James, M.B., B.S.	1918	M.B., B.S.	1951
Keckwick, Daintrey Ned, M.B., B.S.	1942	Kirkman, Kenneth Hainsworth, LL.B.	1919
Kelley, William Brian, B.A.	1951	Kirkman, Lawrence Hayworth, LL.B.	1949
Kelly, Cecil James St. Leger, LL.B.	1924	Kirsten, Marcia Meymott, B.A. (Sydney)	1952
Kelly, Ellen, B.A.	1928	†Kissel, Thomas Alfred, B.A.	1954
Kelly, Eric Gordon, M.A.	1925	Kitson, Mary Cecil, LL.B.	1916
†Kelly, Ernest James, B.A.	1952	Klaebe, Ruth Adelaide, B.A.	1947
Kelly, Francis, LL.B.	1906	†Klaus, Cynthia Beaumont, B.Sc.	1953
Kelly, Francis Peter, LL.B.	1937	†Kleeman, Alfred William, M.Sc.	1935
Kelly, Gwenda Mary Christine, B.A.	1949	Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Kelly, John Erwin, LL.B.	1936	Kleeman, Peter Wallace, B.E.	1951
Kelly, Michael, M.D. (M.B., B.S., 1928)	1945	Kleeman, Reginald Theodore, B.E.	1923
Kelly, Michael Lawrence, LL.B.	1928	Kleeman, William Hurtle, B.A.	1934
Kelly, Patrick Joseph, LL.B.	1924	Kleemann, Colin Martin, B.E.	1939
Kelly, Thomas Davis, M.S. (M.B., B.S., 1934)	1949	Klein, Robert, William, M.B., B.S.	1939
Kelly, William Raymond, LL.B.	1920	Kleinig, Cyril Raymond, B.Ag.Sc.	1950
Kelman, Hilda, M.B., B.S.	1948	Kloeden, Louis Adolph, B.A.	1948
B.A. (Western Aust., 1943)	1949	Klose, Alfred Emil Johannes, B.A.	1915
Kelsey, Oswald Mortimer, B.E.	1938	Knapman, William Hamilton, B.Sc.	1951
Kemp, Henry Kenneth, B.Ag.Sc.	1933	Knauerhase (nee Kiek), Margaret Lucy, B.A.	1934
Kendrew, George Harry, M.B., B.S.	1917	Knauerhase, Oscar Carl, M.A.	1943
Kenihan, Raphael Leo, M.B., B.S.	1915	Kneebone, Christopher Stephen, B.E.	1920
Kenihan, Robert Austin, M.B., B.S.	1946	Kneebone, Clive Stuart, M.B., B.S.	1951
Kennare, Hugh Daly, B.D.S.	1950	†Kneebone, Garry Malcolm, M.B., B.S.	1953
†Kennedy, Alan Duncan, B.A.	1952	†Kneebone, John Henry, M.B., B.S.	1954
†Kennedy, Alexander Lorimer, B.E.	1915	Kneebone, John Keith, M.B., B.S.	1947
†Kennedy, John Graham, B.E.	1952	Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911)	1921
†Kennedy, Josephine Margaret, M.B., B.S.	1939	Kneebone, Nance Gordon, B.A.	1950
†Kennedy, Philip James Anthony, LL.B.	1954	*Knight, Percy Norwood, B.A.	1888
Kennett, Edmund Richard, B.E.	1949	Knight, Ronald Barrington, M.B., B.S.	1933
Kenny, Daniel Thomas, B.E.	1951	Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
Kenny, Martin Lance, B.A.	1940	Koch, Colin Barry, B.D.S.	1951
†Kenny, Patricia Mary, B.A.	1954	Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928)	1938
†Kent, George Lynden, B.A.	1952	Koehne, Marjorie Evelyn, B.A.	1931
Kentish, Timothy David, B.Ag.Sc.	1949	Koehne, Raymond Percy, B.A.	1932
Keon-Cohen, Russel Hallel, M.A. (Melbourne, 1925)	1945	Koerner, Carl Frederick, M.E.	1933
†Kerin, Kevin Vincent, LL.B.	1952	B.Sc.	1928
Kerin, John Francis, B.A.	1949	Koerner, John Francis, B.E.	1924
Kerr, Challen Sydney, M.B., B.S.	1942	Kohler, Theodor George, M.B., B.S.	1946
Kerr, Colin Gregory, M.A.	1937	Kollosche, Harold Frank, M.B., B.S.	1915
Kerr, David Ian Beviss, Ph.D.	1954	Koop, Eric John, B.E.	1949
Kerslake, William James, B.A.	1942	Koop, Peter Malcolm, M.B., B.S.	1949
Kessell, John Samuel, M.B., B.S.	1923		
Kessell, Maurice, M.B., B.S.	1950		

† Not yet Members of the Senate.

†Korytnyk, Wsewolod, B.Sc. - - - -	1953	Lawrence, Alfred Oscar Platt, B.Sc. -	1928
Krantz, Kenneth David, M.B., B.S. -	1941	Lawrence, Bruce Ernest, M.B., B.S. -	1927
Krantz, Roy, M.B., B.S. - - - -	1930	Lawrence, Gordon Ord, D.D.Sc. - - -	1945
Krantz, Sydney, M.B., B.S. - - - -	1927	†Lawrence, James Roland, M.B., B.S. -	1954
Kranz, Murray Lyall, B.D.S. - - - -	1951	†Lawrence, Robert John, B.A. - - - -	1953
Krause, Malcolm Rex, B.Ag.Sc. - - -	1947	†Lawrie, David Charles, B.Sc. - - - -	1954
Kretschmer, Gaynor Blanche, B.A. - -	1948	†Lawrie, John Desmond, B.E. - - - -	1954
Krichauff, George Frederick, B.E. - -	1927	Lawry, Reginald Arthur, B.A. - - - -	1943
Krieg, Erwin Oswald, B.A. - - - -	1947	Laws, Keith William, B.D.S. (Sydney, 1924) - - - - - - - - - -	1925
Krieg, Marcus Gustav, B.A. - - - -	1941	Lawson, Frederick Henry, B.Sc. - - - -	1935
Kriehn, Adolf Oscar, M.A. - - - -	1926	†Lawson, William Scott, M.B., B.S. - -	1954
Kriewaldt, Martin Rudolf Chemnitz, B.A. (Wisconsin, 1922) - - - -	1923	Lawton, Graham Henry, M.A. (Ox- ford) - - - - - - - - - -	1952
LL.B. - - - - - - - - - -	1925	Lawton, Peter, Alan, B.Sc. - - - - -	1950
Kruger, James Morris, B.Sc. - - - -	1948	†Lawton, Ralph Stanley, B.A. - - - -	1953
†Krumins, Gagmara Eleonora, B.D.S. - -	1954	Laycock, Frederick John, M.B., B.S. -	1941
†Kryvoviaza, Jaroslaw, B.D.S. - - - -	1953	†Laycock, Geoffrey Clifton, B.A. - - -	1952
Kuchel, Carl Wilhelm August, M.A. - -	1912	†Laycock, Margaret, B.A. - - - -	1954
Kuchel, Clemens Carl, B.Sc. - - - -	1934	*Lea, Richard Henry Maclure, B.E. - - -	1925
Kuchel, Rex Harold, B.Sc. - - - -	1942	Leach, Basil Wood, B.D.S. (Melbourne, 1920) - - - - - - - - - -	1924
Kuchel, Robert Erwin, B.Sc. - - - -	1947	Leach, John Brian, B.D.S. - - - - -	1947
Kuhlmann, Herman Frederick, M.B., B.S. - - - - - - - - - -	1943	Leach, Raymond Basil, B.D.S. - - - -	1950
Kumnick, Donald Kerr, M.B., B.S. - -	1951	Leach, Robert William, B.A. - - - -	1950
†Kurusev, Tomas, B.Sc. - - - - -	1954	Leach, Ronald Hubert, M.Sc. - - - -	1953
Kutcher, Raymond William Harrold, B.E. - - - - - - - - - -	1951	Leach, William Valentine, M.A. - - - -	1923
Kyd, Isabel Somerville, B.A. - - - -	1937	Leader, Haynes, LL.B. - - - - -	1926
Kyd, Margaret Florence, B.A. - - - -	1941	†Leak, Brian Hedley, B.A. - - - - -	1954
L			
Lacey, John Salisbury, B.E. - - - -	1946	†Leaney, Cecil John, M.B., B.S. - - - -	1952
†Ladd, Jeffrey Norman, B.Sc. - - - -	1952	†Leaney, Peter Anthony, M.B., B.S. - -	1954
Lade, Kathleen Beatrice, B.A. - - - -	1930	Leaney, Roy Kent, B.A. - - - - -	1947
Lade, Norman Edgar, M.A. (Mel- bourne, 1926) - - - - - - - - - -	1937	Leask, John Hunter, B.E. - - - - -	1928
Laffan, Anna Estelle, B.A. - - - - -	1922	Leaver, Edward, LL.B. - - - - -	1928
Laffer, Leonard Hughes, B.Ag.Sc. - - -	1934	Leaver, Kenneth Batten, B.A. - - - -	1942
Laidlaw, Donald Hope, LL.B. - - - -	1949	Leckie, Alexander Joseph, Mus.Bac. -	1913
Laidlaw, William Clarke, B.A. - - - -	1938	†LeComu, Collin George, B.A. - - - -	1954
Lake, Blair Hingston, B.D.S. - - - -	1950	Ledger, Gladys May, B.A. - - - - -	1912
Lake, Robb Hingston, LL.B. - - - -	1939	Ledger, William Henry, B.Sc. (Sydney, B.E., 1903) - - - - - - - - - -	1906
†Lamacraft, Kenneth Ronald, B.A. - - -	1954	Leditschke, Friedrich Berthold, M.B., B.S. - - - - - - - - - -	1924
†Lamborne, Maxwell Addison, B.A. - - -	1953	Lee, Frank Milton, B.A. - - - - -	1939
Lamey, Charles Sydney, B.A. - - - -	1932	Lee, Heather Vivian, B.A. - - - - -	1947
Lamey, Gwenyth Eugene, B.A. - - - -	1940	Lee, Hector John, M.Sc. - - - - -	1949
Lampard, Dudley John, M.B., B.S. - - -	1941	†Lee, Kevin John, B.E. - - - - -	1954
Lampe, Victor Leslie, B.A. - - - - -	1919	†Lee, Raymond Wilson, B.E. - - - - -	1954
Lamphee, Allan Dunstan, M.B., B.S. -	1924	Leidig, Ludwig Adolf Emanuel, M.A. -	1926
†Lamphee, Catherine Elspeth, B.Sc. - -	1953	Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935) - - - - - - - - - -	1947
Lamshed, Albert Saville, B.A. - - - -	1950	LeLacheur, Hellier, B.A. - - - - -	1915
La Nauze, Barbara Burton, B.Sc. - - -	1937	LeMaistre, Ray Mauger, B.A. - - - -	1939
La Nauze, John Andrew, B.A. (Oxford, 1934) - - - - - - - - - -	1935	Lemcke, Vincent Andrew Howard, B.A. -	1940
Lander, Harry, M.B., B.S. - - - - -	1951	LeMessurier, David Hugh, B.Sc. - - - -	1932
Lane, Annie, M.A. - - - - - - - - -	1904	LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913) - - - - - - - -	1920
Lane, Douglas James, B.Sc. - - - - -	1950	LeMessurier, Robert Ernest, B.E. - - -	1949
Lang, Eric, M.E. - - - - - - - - - -	1930	Lemmey, Ford Prall, B.A. - - - - -	1951
Lang, Ian Philip, B.Sc. - - - - -	1951	Lemon, Arnold William, LL.B. - - - -	1936
Lang, Philip Roy, M.A. - - - - -	1929	London, Alan Harding, M.B., B.S. - - -	1927
Lang, Samuel Brambley, B.A. - - - - -	1949	London, Elspeth Lockett, B.A. - - - -	1950
Lang, Sydney Chapman, B.A. - - - - -	1896	London, Guy Austin, M.D. (M.B., B.S., 1917) - - - - - - - - - -	1922
Lang, William Holland, B.Sc. - - - - -	1908	Lennon, Vincent Francis Bennett, M.B., B.S. - - - - - - - - - -	1930
Langevad, Eric James, B.E. - - - - -	1933	†LePage, Keith Ernest, M.B., B.S. - - -	1952
Langford-Smith, Trevor, M.Sc. (B.Sc., Syd., 1940) - - - - - - - - - -	1942	Leske, Clive William, B.E. - - - - -	1950
Langron, William Joseph, B.Sc. - - - -	1947	†Leske, David, M.B., B.S. - - - - -	1954
Langsford, Diana, B.A. - - - - -	1948	Leske, Elmore, B.A. - - - - -	1947
Langstaff, Lois, B.A. - - - - -	1944	Leske, Kenneth Berthold, B.Ag.Sc. -	1948
Lapidge, Jack Stanley, B.E. - - - - -	1935	Leslie (nee Sharman), Florence Mary, M.A. - - - - - - - - - -	1919
Laslett, George Nield, B.A. - - - - -	1951	Leslie, Jean, M.A. - - - - - - - - -	1932
Laslett, Ian John, B.Sc. - - - - -	1950	Leslie, Peter William, M.B., B.S. - - -	1943
Last, John Murray, M.B., B.S. - - - -	1949	†Leslie, Robert Bradshaw, B.Sc. - - -	1952
†Last, Peter Murray, M.B., B.S. - - - -	1952	Le Souef, John Dudley, M.B., B.S. - - -	1948
Last, Raymond Jack, M.B., B.S. - - - -	1924	Letcher, Herbert George, M.B., B.S. -	1927
Laubsch, Colin Andrew, B.Sc. - - - -	1951	Levitt, Solomon, M.B., B.S. - - - -	1950
Laught, Keith Alexander, LL.B. - - -	1927	Levy, Rose Winstanley, LL.B. (W. Aus., 1941) - - - - - - - - - -	1942
Laughton, Frances Elizabeth, B.A. - - -	1941	Lewcock (nee Orrock), Ena Beatrice Faith, B.A. - - - - - - - - - -	1926
Laughton, Rosemary Pauline, B.A. - - -	1945	Lewcock, Harry Kingsley, B.Sc. - - -	1923
Laurence, Joan Mary, B.A. - - - - -	1935		
†Laver, John Poynton, B.E. - - - - -	1952		
Lavis, David Milton, B.Sc. - - - - -	1949		
Lavis, John Frederic, M.D.S. - - - -	1954		
Law, Gertrude Teresa, M.A. - - - - -	1924		

\* Deceased.

† Not yet Members of the Senate.

Lewis, Arthur Sangster, B.E. - - -	1930	Lloyd (nee Smith), Ida Gwendoline	
Lewis, Aubrey Julian, M.D. (M.B.,		Viner, B.A. - - - - -	1902
B.S., 1923) - - - - -	1931	Lloyd, Thomas Rex Viner, B.E. - - -	1932
Lewis, Basil Reece, B.Sc. - - - - -	1944	Loan, Edward Charles, B.A. - - - - -	1903
Lewis, Colin Hamilton, B.D.S. - - -	1943	†Lock, Dorothy Marie Jeanne, B.A. - - -	1954
Lewis, David Alfred, B.Sc. - - - - -	1943	Lock, Maurice Joseph Bayard, B.Sc. - - -	1945
Lewis, David Gray, B.Sc. - - - - -	1949	†Lockyer, Kathleen Elaine, B.A. - - - - -	1953
Lewis, Eric Henry, M.D. (M.B., B.S.,		Logan, Ernest Albert William, B.A. - - -	1937
1906) - - - - -	1908	†Lohmeyer, Rex Howard, B.E. - - - - -	1953
Lewis, Glen Arthur, B.E. - - - - -	1949	Lohmeyer, Vivian Keith, B.Ag.Sc. - - -	1950
Lewis, Gordon John, B.E. - - - - -	1951	†Lokan, Keith Henry, B.Sc. - - - - -	1954
Lewis, Craham Ethelbert, B.Sc. - - -	1950	London, Jack Warfield, B.E. - - - - -	1951
Lewis, Gwenyth Elizabeth, B.D.S. - - -	1932	Long, Eileen Edith, B.A. - - - - -	1939
Lewis, Irene Gwendoline, B.Sc. - - -	1907	Longbottom, David Cox, B.E. - - - - -	1938
Lewis, John Aylward, M.B., B.S. - - -	1944	Lord, Eric Ross, B.A. - - - - -	1948
Lewis, Joseph Arthur, B.A. (W. Aus.,		†Lorking, Diana Pauline Elizabeth, B.A.	1952
1934) - - - - -	1935	Loutit, John Stuart, B.Sc. - - - - -	1945
Lewis, Keith Gray, B.Sc. - - - - -	1940	Loutit (nee Jeffery), Margaret Wyn,	
Lewis, Kevin Joseph, B.D.S. - - - - -	1933	M.Sc. - - - - -	1954
†Lewis, Keith William, B.E. - - - - -	1952	Love, Clement Vernon, M.B., B.S. - - -	1947
Lewis, Leonard Arthur, B.Sc. - - - - -	1940	*Love, James Robert Beattie, M.A. - - -	1933
Lewis, Mary, B.A. - - - - -	1949	Love, John Alexander, M.B., B.S. - - -	1915
Lewis, Norman Benjamin, B.Sc. - - -	1947	Love, John Holinger, B.A. - - - - -	1951
Lewis, Raymond Douglas, B.Sc. - - -	1939	Loveday, John, B.Ag.Sc. - - - - -	1951
Lewis, Reginald William Frederick,		Loveday, Penelope, B.A. - - - - -	1951
B.E. - - - - -	1925	Lovell, Keith Everett, M.B., B.S. - - -	1949
Lewis, Richard Owen, B.A. - - - - -	1951	Lovick, Lillian Sheeclagh, LL.B. - - -	1939
Lewis, Robert Brook, B.Sc. (Melbourne,		Lowe, Daphne Rae, M.B., B.S. - - - - -	1951
1941) - - - - -	1947	†Lowe, John Charles, B.Sc. - - - - -	1951
B.A. - - - - -	1952	Lower, Harold Stewart Farnham, M.Sc.	1954
Lewis, Roy Newman, B.Sc. - - - - -	1945	Lower, Mark Anthony, LL.B. - - - - -	1948
Lewis, Stuart Hayes, M.B., B.S. - - -	1950	Lower, Mostyn Harcourt, B.Sc. (Eng.)	1949
Leyland, Geoffrey Agar, M.B., B.S. - - -	1944	Lower, Oswald Bertram, M.B., B.S. - - -	1939
Liddy, Desmond Terence, B.Sc. - - -	1950	†Lubich, Joseph Maurice, M.B., B.S. - - -	1954
†Liddy, John Francis, B.E. - - - - -	1952	Ludbrook, Wallis Verco, B.Sc. - - - - -	1928
Liebich, Alvin Frederick, B.E. - - - -	1940	Ludford, Colin George, B.Sc. - - - - -	1948
Ligertwood, George Coutts (Warden		Lugg, Margaret Edith, B.A. - - - - -	1949
of the Senate), B.A. - - - - -	1908	Luke, Thomas Glen, B.Sc. - - - - -	1925
LL.B. - - - - -	1910	Lum, Laurence Claude, M.B., B.S. - - -	1939
Ligertwood, James Arthur, B.E. - - -	1950	Lundberg, Carl Oscar, B.A. - - - - -	1933
Ligertwood, Neil Coutts, LL.B. - - -	1948	Lungley, Sheila Amelia Gordon, M.B.,	
†Ligeti, Piroška Magdolna, M.B., B.S. - - -	1954	B.S. - - - - -	1950
†Lilburn, William Embleton, B.E. - - -	1954	Lunn, Margaret Anne, LL.B. - - - - -	1931
Lilburne, Geoffrey Douglas Roland,		Lushey, Frederick Mayne, B.Ec. - - - - -	1942
M.B., B.S. - - - - -	1949	B.A. - - - - -	1951
Lillecraep, Douglas Arthur Julian, B.A.		Lushey, Harold Merton, M.A. - - - - -	1926
Lillywhite, Cuthbert, B.Sc. - - - - -	1899	Lushey (nee Wilks), Vida Alice, B.A. - - -	1904
Lillywhite, John Wilson, B.Sc. - - -	1936	Luxton, Clarence Richard Paul, B.E. - - -	1950
Limbert, Melville Louis, B.E. - - - -	1934	Lyall, Allen Raymond, M.B., B.S. - - -	1954
Lindon, Leonard Charles Edward,		Lynch, John Henry, B.A. - - - - -	1947
M.S. (M.B., B.S., 1919) - - - - -	1923	†Lynch, Martin Alfred, M.B., B.S. - - -	1954
†Lindon, John Leonard Henry, M.B.,		Lynn, Kenneth Roy, B.Sc. - - - - -	1949
B.S. - - - - -	1952	Lyon, Hugh Pearson Dunlop, LL.B. - - -	1925
†Lindon, Marten Edward, M.B., B.S. - - -	1953	†Lyon, Malcolm Elliot, B.A. - - - - -	1954
Lindsay, Keith Malcolm, B.A. - - - - -	1939	Lyons, Henry Emerson Wescombe,	
Lindsay, Thomas Bruce, M.D.S. - - -	1950	M.B., B.S. - - - - -	1940
Lines, Dean Franc, B.Sc. - - - - -	1944	Lyons, Ruth, M.B., B.S. - - - - -	1942
Lines, Edward Wolryche Low, B.Sc.			
(Tasmania, 1915) - - - - -	1933		
Lines, George Edward, B.Ag.Sc. - - -	1951	McAnaney, Rita Margaret, M.B., B.S. - - -	1926
†Lines, Helen Nora, B.A. - - - - -	1952	McAree, Francis Edward, M.B., B.S. - - -	1906
†Ling, John Kynaston, B.Sc. - - - - -	1954	McAree, John Victor, M.B., B.S. - - -	1905
†Linke, John William, B.Sc. - - - - -	1953	McAskil, Ronald Fergus, B.E. - - - - -	1939
†Linklater, Peter Munro, B.Ag.Sc. - - -	1953	Macaulay, Robert Wilson, B.A. - - - - -	1903
†Linklater, Rodney Munro, B.E. - - -	1953	McAuley, John Patrick, B.Ec. - - - - -	1949
Linn, Beryl Eileen, LL.B. - - - - -	1933	†McAuliffe, David Jeremiah, M.B., B.S.	1954
Linn, Helen Kathleen, B.Sc. - - - - -	1950	Macbeth, Alexander Killen, D.Sc. (Bel-	
Linn, Howard Wadmore, M.D. (M.B.,		fast, 1914) - - - - -	1928
B.S., 1944) - - - - -	1954	Macbeth, Anna Maureen, B.Sc. - - - - -	1943
Linn, John Graham, M.B., B.S. - - -	1950	Macbeth, Patricia Maeve, B.Sc. - - - - -	1944
†Linn, John Malcolm, M.B., B.S. - - -	1953	†Macbeth, William Andrew Alexander	
Linn, Leslie Wadmore, M.B., B.S. - - -	1918	Greer, M.B., B.S. - - - - -	1953
Lipman, Rex John, B.D.S. - - - - -	1951	McBride, Dorothy Evelyn, Mus.Bac. - - -	1915
Lippay, Franz Rudolph, M.B., B.S.		McBride, Glenorchy, B.Ag.Sc. - - - - -	1951
(M.D., Vienna, 1927) - - - - -	1942	McBride, Mavis Anne, B.A. - - - - -	1950
D.Sc. - - - - -	1950	McBride, Peter, B.E. (Interim B.Sc.	
†Lister, James Dick, M.B., B.S. - - -	1954	(Eng.), 1948, surrendered) - - - - -	1949
Liston, Mary Howard, B.A. - - - - -	1950	McBride, William John, B.Sc. - - - - -	1898
Litchfield, Kenneth Lyle, LL.B. - - -	1935	McBryde, Frederick Balfour, LL.B. - - -	1912
†Liu, Owen, B.E. - - - - -	1954	B.A. - - - - -	1920
Llewellyn, Joan Margaret, M.Sc. - - -	1951	McBryde, Ian Balfour, B.E. - - - - -	1950
Lloyd, Denys Morrison, LL.B. - - -	1938	MacCallum, Sir Mungo William, LL.D.	
Lloyd, Hugh Arthur, M.B., B.S. - - -	1940	(Glasgow, 1906) - - - - -	1926
		MacCallum, Maurice Daniel, M.B., B.S.	1950

\* Deceased.

† Not yet Members of the Senate.

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

\* Deceased.

† Not yet Members of the Senate.

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

\* Deceased.

† Not yet Members of the Senate.

Matters, Horace John, B.A. - - -	1950	Meyer, Heinrich Carl, B.Sc. - - -	1932
Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916) - - -	1929	†Meyer, Richard Leo, B.A. - - -	1953
M.S. - - - - -	1935	Michael, James Henry, M.Sc. - - -	1953
†Matthew, Ian George, B.Sc. - - -	1954	Michael, Maxwell Roy, B.E. - - -	1951
Matthews, Gladys Mary Palmer, LL.B. - - -	1935	Michael, Peter William, B.Ag.Sc. - - -	1951
Matthews, Harold Pfau, B.E. - - -	1927	Michell, Charles Francis, M.B., B.S. - - -	1921
Matthews, Maurice John, M.B., B.S. - - -	1944	Michell, Mignon Norma Howard, B.A. - - -	1944
Matthews, Richard Trahair, B.A. - - -	1941	Michelmores, Walter Maxfield, B.Sc. - - -	1941
Matthews, Richard Twitchell, B.A. (London, 1883) - - - - -	1884	†Mickan, John Herbert, M.B., B.S. - - -	1952
Matthews, Robert Stephen, B.Sc. - - -	1948	Middleton, Melville John William, B.A. - - -	1941
Mattingley, Brian John, B.A. (Tasmania, 1937) - - - - -	1938	Middleton, William Thomas Steele, B.Sc. - - - - -	1947
Mattner, Ivy Ida, B.A. - - - - -	1948	†Mierisch, Robert Johnston, B.E. - - -	1954
Mattner, Philip Edward, B.Ag.Sc. - - -	1949	Miethke, Adelaide Laetitia, B.A. - - -	1924
†Mattner, Richard Hocking, B.E. - - -	1952	†Mikuzis, Jonas, M.B., B.S. - - -	1954
Matulich, Ross Noel, LL.B. - - -	1950	†Milazzo, Clare Cecelia, B.A. - - -	1952
Mawby, Olga Gates, B.A. - - -	1922	Milazzo, Stephen Charles, M.B., B.S. - - -	1949
Mawson, Sir Douglas, D.Sc. (B.Sc., Sydney, 1901) - - - - -	1909	Miles, John Arthur Reginald, M.D. (Cambridge, 1951) - - - - -	1953
Mawson, Jessica Quita, B.Sc. - - -	1939	Miles, Perry Ambrose, M.Sc. - - -	1951
Mawson, Patricia Marietje, M.Sc. - - -	1938	Milesi, Angelo John, B.Sc. - - -	1927
May, Dorothy Mary, B.A. - - -	1938	†Mill, James Crowe Davidson, M.B., B.S. - - -	1953
†May, John Wilhelm, B.Sc. - - -	1952	Millard, Colin, B.Ec. - - -	1950
May, Lancelot Harris, B.Sc. - - -	1949	Miller, Annie Rose, B.A. - - -	1934
May, Leonard Seymour, B.Sc. - - -	1926	Miller, Beryl Jessica, B.A. (Tasmania, 1923) - - - - -	1924
May, Rolland George, Mus.Bac. - - -	1939	Miller, Ian Lindemann, M.B., B.S. - - -	1938
Maynard, Donald Archer Scott, B.Sc. B.A. - - - - -	1945	Miller, Joseph Brendan, B.E. - - -	1951
Mayne, Robert John Bruce, M.A. (New Zealand, 1926) - - - - -	1937	†Miller, Justin Herbert, M.B., B.S. - - -	1954
Mayo, Clarice Elton, B.A. - - -	1935	Miller, Leslie Gordon, M.B., B.S. - - -	1949
*Mayo, George Elton, M.A. - - -	1926	Miller, Malcolm William, M.B., B.S. - - -	1932
Mayo, George Melrose Elton, B.Ag.Sc. - - -	1945	Miller, Margaret Una, B.A. - - -	1928
Mayo, Helen Mary, M.D. (M.B., B.S., 1902) - - - - -	1926	†Miller, Peter Geoffrey, B.Sc. - - -	1952
Mayo, Sir Herbert, LL.B. - - -	1909	Miller, Raymond Orlando Maurice, B.A. - - -	1905
Mayo, John Christian, M.D. (M.B., B.S., 1913) - - - - -	1946	Miller, Robert Lionel, B.Sc. - - -	1942
Mayo, Mary Penelope, M.A. - - -	1937	M.B., B.S. - - - - -	1947
Mead, Dorothy, B.A. - - -	1927	†Miller, Victor John, B.E. - - -	1952
Mead, John William, B.Ec. - - -	1950	Millhouse, Glenn, B.D.S. - - -	1948
Mead, Marjory, B.A. - - -	1938	Millhouse, Robin Rhodes, LL.B. - - -	1951
Meaker, Arthur Reginald, B.A. - - -	1940	Millhouse, Vivian Rhodes, LL.B. - - -	1939
Meaney, Maxwell Francis, B.Sc. - - -	1950	†Milligan, Brian, B.Sc. - - -	1952
Meadsday, Ellen May, B.A. - - -	1940	Mills, Barbara Joyce, B.A. - - -	1938
Meadsday, Jack William, B.E. - - -	1948	†Mills, Bessie Heather, B.A. - - -	1952
Medlin, Edwin Harry, B.Sc. - - -	1949	Mills, Dorothy Nell, B.A. - - -	1928
Medlow, David, B.Sc. (Eng.) - - -	1944	Mills, Eric Baxter, B.E. - - -	1929
†Medwell, John Gordon, B.A. - - -	1952	Mills, John Archer, M.Sc. - - -	1944
Meiers, John Maurus, B.A. - - -	1937	Mills, John Brabyn, B.Sc. - - -	1936
Melbourne, Henry Eoin Sydney, B.E. - - -	1920	†Mills, John Murray, B.A. - - -	1952
†Melbourne, John Clifford, B.E. - - -	1952	Milne, Annie Johnson, B.A. - - -	1936
Melbourne, William Henry John, B.A. - - -	1949	Milne, Kenneth Harvey, B.E. - - -	1925
†Meldrum, Brian Reginald, M.B., B.S. - - -	1953	Milne, Kevin Fowler, M.B., B.S. - - -	1951
Meldrum, Edgar Albert, B.D.S. (Sydney, 1924) - - - - -	1925	Milner, Desmond Walter, B.E. - - -	1936
Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge) - - - - -	1951	†Milton, Bernard Eric, B.Sc. - - -	1954
Mellor, Geoffrey Lloyd, M.B., B.S. - - -	1947	Milton, Gerald White, M.B., B.S. - - -	1947
Mellor, Thomas Reginald, LL.B. - - -	1920	Minahan, Agnes Cecelia, M.A. - - -	1933
Mellows, Peter Ernest, M.B., B.S. - - -	1947	Minson, Charles Stanley, B.Ec. - - -	1939
Melville, Sidney John, LL.B. - - -	1921	†Miraglia, Carlotta Rosina, B.A. - - -	1953
†Melvin, Geoffrey Ronald, M.B., B.S. - - -	1954	Mitchell, Betty Dawn, B.A. - - -	1947
Mearns, Ira, B.A. - - - - -	1927	Mitchell, Donald Thomas, B.E. - - -	1930
Menz, Anna Magdalene Augusta, B.A. - - -	1918	*Mitchell, Ernest Edwin, Mus.Bac. - - -	1923
Menz, Emmi Margarete, B.A. - - -	1932	Mitchell, Frank Wyndham, B.Sc. - - -	1927
Menz, William John, B.Ec. - - -	1948	B.A. - - - - -	1933
Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - -	1947	M.A. (Ph.D., Lond., 1937) - - -	1943
Mercer, Edgar Howard, B.Sc. - - -	1935	Mitchell, Geoffrey George, M.Sc. - - -	1951
Mercer, Frank Verdun, B.Sc. - - -	1942	Mitchell, George Thomas Jeffrey, M.A. - - -	1932
†Merity, John Patrick, LL.B. - - -	1952	†Mitchell, Helen Margaret, B.Sc. - - -	1952
Merrett, James Laurence, B.Sc. - - -	1949	†Mitchell, John Turnbull, B.Ec. - - -	1953
Mertin, Jack Victor, B.Ag.Sc. - - -	1944	Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1948
Messel, Harry, Ph.D. (National University, Ireland) - - - - -	1952	Mitchell, Mark Ledingham, B.Sc. - - -	1923
Messent, Esther Mary, B.A. - - -	1928	Mitchell, Percival Harris, B.A. - - -	1906
Messent, Keith Santo, B.E. - - -	1920	Mitchell, Roma Flinders, LL.B. - - -	1934
Messent, Sir Philip Santo, M.S. (M.B., B.S., 1918) - - - - -	1923	Mitchell, Thomas Oliver, B.Ag.Sc. - - -	1933
†Messent, Philip William Santo, M.B., B.S. - - - - -	1954	Mitchell, Sir William, M.A. (Edinburgh, 1886) - - - - -	1895
		Mitchell, William Robert, B.E. - - -	1950
		Mitchell, William Russell, B.E. - - -	1948
		Mitton, Ronald Gladstone, M.Sc. - - -	1928
		Mizon, Errol Alfred, B.Sc. - - -	1948
		Moffat, Betty Josephine Margaret Douglas, B.A. - - - - -	1946
		LL.B. - - - - -	1947
		Moffat, Dorothy Joan, B.A. - - -	1944
		Moffat, May Josephine, M.B., B.S. - - -	1911

† Not yet Members of the Senate.

†Moffatt, Cathie Douglas, M.B., B.S. - 1953	Mueller, Merna Alma, M.B., B.S. - - 1950
†Moffatt, Jeannie May Douglas, M.B., B.S. - - - - 1953	Mueller, Rae Vernon, B.Sc. - - - - 1944
†Moffitt, Richard Barry, B.E. - - - - 1952	Muetzelfeldt, Dorothea, B.A. - - - - 1951
Mofflin, Lionel Hugh, M.B., B.S. - - - - 1948	Muetzelfeldt, Elfriede Elise, M.A. - - - - 1950
†Mohr, Robert Finey, LL.B. - - - - 1953	Mugford, Frank Kenneth, M.B., B.S. - - - - 1925
†Molineux, Marion Ruth, B.A. - - - - 1954	Mugford, Lancelot Suckling, B.A. - - - - 1945
Molineux, Ronald Eugene, B.E. - - - - 1947	Mugford, Rex Ernest, B.A. - - - - 1944
Molloy, Raymond Brian, B.A. - - - - 1950	†Muhammad, Abdul Munim Hassan, B.Ag.Sc. - - - - 1952
Moncrieff, Josephine Hartley, B.A. - - - - 1911	Muirden, Elizabeth Alice, B.A. - - - - 1950
Moncrieff, Mary Kathleen, B.A. - - - - 1910	Muirden, Hector Raymond, B.A. - - - - 1930
†Moncrieff, Rostrevor Brooke, M.B., B.S. 1952	Muirhead, Andrew Mackinnon, B.D.S. - - - - 1950
Moufries, John William Elliott, B.D.S. 1924	Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.) 1943 surrendered) - - - - 1950
Mongan, Horace John, B.E. - - - - 1918	Muirhead, James Henry, LL.B. - - - - 1950
Moodie, Colin Troup, LL.B. - - - - 1934	Muirhead, Leonard Graeme, M.B., B.S. 1911
Moodie, Robert Beresford, LL.B. - - - - 1931	Muirhead, Mortimer John Croft, M.B., B.S. - - - - 1949
Moore, Alan Walter, B.Ag.Sc. - - - - 1948	Muizulis, Voldemars, B.E. - - - - 1951
Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921) - - - - 1926	Mules, Betty Lavina, B.A. - - - - 1945
†Moore, Cecily Anne, B.A. - - - - 1954	Mullen, Brian Anthony, LL.B. - - - - 1935
Moore, Donald Rex, B.Sc. - - - - 1922	Muller, Peter Neil, B.E. - - - - 1949
Moore, George Douglas, B.Sc. - - - - 1904	†Mullner, Judith Anne, B.Sc. - - - - 1953
Moore, Harold Robinson, M.B., B.S. - - - - 1945	Mumme, Ivan Albert, B.Sc. - - - - 1949
Moore, Humphrey Owen, B.Sc. - - - - 1932	Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - - 1949
Moore, Kevin Reading, B.D.S. - - - - 1951	†Munday, Malcolm Joseph, B.D.S. - - - - 1953
Moore, Max Clifford, M.B., B.S. - - - - 1946	Munday, Neill Horace, M.B., B.S. - - - - 1924
Moore, Phyllis Mary, B.A. - - - - 1909	Mundy, Kevin Arnold, B.A. - - - - 1936
Moore, Robert Brian, B.Sc. - - - - 1950	†Mune, Marie Elizabeth, B.A. - - - - 1953
†Morad, Ahmad Bin, M.B., B.S. - - - - 1954	Munn, Bertha Helen Temple, B.A. - - - - 1917
Moran, Francis Brian, LL.B. - - - - 1948	Munn, Sydney Morris, B.A. - - - - 1940
Moran, John Francis, B.D.S. - - - - 1941	†Munro, Barbara Joan, B.A. - - - - 1951
Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - 1947	Munro, Ian Alexander, B.Sc. - - - - 1949
More, William St. Barbe, B.Sc. (Western Australia, 1922) - - - - 1947	†Murchland, John Byrne, M.B., B.S. - - - - 1954
Moreland, Jack, M.B., B.S. - - - - 1926	Murdoch, Bronwen, B.A. - - - - 1950
Morey, Bernard Spondley, B.Sc. - - - - 1950	Murn, Vincent Alan, B.E. - - - - 1941
Morey, Geoffrey Wilson, M.B., B.S. - - - - 1926	Murphy, Evangeline, B.A. - - - - 1907
Morgan, David Archibald Stevenson, M.B., B.S. - - - - 1943	Murphy, Margaret Jane, B.A. - - - - 1947
Morgan, Edward James Ranembe, LL.B. - - - - 1920	Murphy, Mary, B.A. - - - - 1933
Morgan, Eric Desmond, B.D.S. - - - - 1948	Murphy, Peter Raymond, B.Sc. (Eng.) - - - - 1948
Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - 1953	Murphy (nec Glynn), Shylie Patricia, B.A. - - - - 1942
†Morgan, Lloyd Kenneth, M.B., B.S. - - - - 1952	†Murray, Donald Bruce Seymour, M.B., B.S. - - - - 1953
†Morgan, Owen Brakspear, M.B., B.S. - - - - 1952	†Murray, Eric Lionel, B.Sc. - - - - 1953
Morgan, Olwen Esther, B.A. - - - - 1930	Murray, Gordon Seymour, M.B., B.S. - - - - 1944
Morgan, William Matheson, B.E. - - - - 1930	†Murray, John Dunmore, B.E. - - - - 1953
Morphett, Anthony Eddy, B.Sc. - - - - 1950	Murray, Noel William, B.E. - - - - 1950
Morris, Hildred Ione, B.A. - - - - 1929	Murray, Philomena Mary, B.A. - - - - 1934
Morris, John Lennox, B.A. - - - - 1949	Murrell, Helen Calvert, B.Sc. - - - - 1949
Morris, Kerwin William, B.Sc. - - - - 1949	Musman, Roma Josephine, B.A. - - - - 1943
Morris, Lenore, B.Sc. - - - - 1950	Mutton, Henry Edwin Howard, M.A. - - - - 1922
Morris, Lyndall Erica, B.A. - - - - 1924	†Mutton, Howard James Charles, B.A. - - - - 1954
Morris, Mervyn Charles, LL.B. - - - - 1923	†Mutze, George Friedrich, M.B., B.S. - - - - 1952
Morriss, Elsie, M.A. - - - - 1931	Myers, Arthur Mervyn, M.B., B.S. - - - - 1933
Mortimer, Peter Inkster, B.Sc. - - - - 1943	Myhill, Reuben John, B.D.S. - - - - 1948
Morton, Christopher Gordon, B.E. - - - - 1924	
Moss, Colin Lance, B.A. - - - - 1939	N
†Moss, Rodney Clare, M.B., B.S. - - - - 1954	Nagel, Norman Edgar, B.A. - - - - 1945
†Moten, Brian Leslie, B.E. - - - - 1953	†Nairn, Donald Elwyn, M.B., B.S. - - - - 1953
Motteram, Philip, B.E. - - - - 1914	†Nairn, Jennifer, B.Sc. - - - - 1954
Motteram, Reginald, B.Sc. - - - - 1934	Nairn, John Wallace, B.E. - - - - 1949
M.B., B.S. - - - - 1939	†Nairn, Mary Beatrice, M.B., B.S. - - - - 1953
Moulden, Arnold Meredith, LL.B. - - - - 1914	Nairn, Peter Ross, B.E. - - - - 1949
Moulden, John Owen, LL.B. - - - - 1938	Nairn, Robert Ian, B.D.S. - - - - 1951
Moulden, Owen Meredith, M.B., B.S. 1910	Nairne, Alexander Livingstone, M.A. - - - - 1905
Mounster, Valerie Luella, B.A. - - - - 1928	Nairne, William Archibald Jock, M.B., B.S. - - - - 1927
Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934) - - - - 1934	Nancarrow, Cyril Gawler, LL.B. - - - - 1936
Moyes, John Stoward, M.A. - - - - 1907	Nancarrow, Jean Isobel, B.A. - - - - 1947
Moyes, Morton Henry, B.Sc. - - - - 1910	Nancarrow, Malcolm Ewart, M.B., B.S. 1946
Moyle, Francis James, B.Sc. - - - - 1950	Nankivell, John Thomas, B.A. (Cambridge, 1871) - - - - 1877
Moyle, Sidney, M.A. - - - - 1917	Nankivell, Joseph Frank, B.Sc. - - - - 1945
B.Sc. - - - - 1926	Nankivell, Maxine Vera, B.A. - - - - 1945
Moyses, Bertram Ivey, B.E. - - - - 1937	†Nankivell, Shirley Dawn, M.B., B.S. - - - - 1953
†Mudge, Margaret, B.A. - - - - 1953	Nankivell, William Field, B.Ag.Sc. - - - - 1950
Mudie, George Dempster, B.E. - - - - 1921	Napier, Bruce, B.D.S. - - - - 1949
Muecke, Douglas Colin, B.A. - - - - 1948	Napier, Sir Thomas John Mellis, LL.B. 1902
Muecke, Francis Frederick, M.B., B.S. 1902	Naughtin, Patrick Chanel, B.A. - - - - 1949
†Mueller, Dorothy Concordia, B.A. - - - - 1953	Naylor, John Colenso, LL.B. - - - - 1923
Mueller, Edwin Albert, B.A. - - - - 1939	Naylor, Margaret Mary Jessie Darnley, B.A. - - - - 1920
Mueller, Malcolm Dudley, B.E. - - - - 1950	

\* Deceased.

† Not yet Members of the Senate.

Naylor, Rupert Leslie, M.B., B.S. - - -	1924	Norman, Albert Edward, B.A. - - -	1948
Neale, Nancy Gwennyth, M.Sc. - - -	1945	Norman, Arthur Edward, B.Sc. - - -	1949
Neale, Shirley Margaret, B.Sc. - - -	1946	Norman, Harold Ashley, LL.B. - - -	1947
† Neate, Arthur, M.B., B.S. - - -	1952	Norman, William Ashley, LL.B. - - -	1911
Neck, Maurice Allan, B.E. - - -	1950	Norman, William Gowan, M.B., B.S. - - -	1938
† Neely, Mary Boyd Woodburn, B.A. - - -	1953	North, Rita Bridget Rice, LL.B. - - -	1945
† Neighbour, Keith, B.E. - - -	1952	North, William Ian, M.B., B.S. - - -	1939
Neelligan, Joseph William, LL.B. - - -	1921	† Northey, Helen Louise, B.Sc. - - -	1953
Nelson, Archibald John Alexander, B.A. - - -	1938	Northey, James Douglas, B.A. - - -	1919
Nelson, Cynthia, B.A. - - -	1945	Northmore, Sir John Alfred, LL.B. - - -	1887
Nelson, James Angus, B.E. - - -	1949	Nossal, Peter Mary Joseph Julius, M.Sc. (Sydney, 1948) - - -	1949
Nelson, William Barton, B.E. - - -	1924	Nott, Harry Carew, M.B., B.S. - - -	1913
Nettle, Richard William, B.E. - - -	1941	† Nugent, Naomi Mary, B.Sc. - - -	1954
Neuling, Herman James, B.E. - - -	1937	Nunn, George Marshall, M.B., B.S. - - -	1951
Neuenkirchen, George Murray, B.E. - - -	1947	Nunn, Kevin Joseph, B.Sc. - - -	1942
† Neuenkirchen, John Basil, B.E. - - -	1953		
† Newbery, Maxwell Charles, B.E. - - -	1954		
† Newland, Ben Totham Jervois, M.B., B.S. - - -	1952		
Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896) - - -	1902		
Newland, Malcolm Creswell, M.B., B.S. - - -	1938		
Newland, Nancy Benning, LL.B. - - -	1937		
Newman, Bernard William, B.Sc. - - -	1934		
Newman, Edgar Harold, LL.B. - - -	1894		
Newman, Kenneth Fisher, B.E.C. B.A. - - -	1936 1940		
Newman, Lewis Arthur, B.Sc. - - -	1925		
Newman, Olive Gertrude, B.Sc. - - -	1909		
Newman, Ralph Frederick, LL.B. - - -	1945		
Newnham, William Arthur, M.B., B.S. - - -	1946		
† Ng, Andrew Lian Timn, B.A. - - -	1954		
Nicholas, Herbert Ahearn, B.D.S. - - -	1950		
Nicholas, Rowland John, B.A. - - -	1943		
Nicholls, Barbara Kuru, B.A. - - -	1941		
Nicholls, Colin Herbert, B.Sc. - - -	1949		
Nicholls, Donald Alfred, M.B., B.S. - - -	1945		
Nicholls, Edward Maxwell, M.B., B.S. - - -	1949		
Nicholls, Henry, B.E. - - -	1938		
Nicholls, Jack Montague, M.B., B.S. - - -	1946		
Nicholls, James Herschel, M.B., B.S. - - -	1942		
Nicholls, Jonathan Kingsley, B.A. - - -	1924		
Nicholls, Kelyvn Elmo, M.B., B.S. - - -	1948		
Nicholls, Leslie Albert, B.Sc. - - -	1949		
Nicholls, Leslie Herbert, B.A. - - -	1893		
Nicholls, Leslie Thorncliffe, B.E. - - -	1948		
Nichols, Ian Andrew, LL.B. (B.A., 1951) - - -	1953		
Nichols, Reginald Clarence, B.Sc. - - -	1945		
Nichols, Trevor Charles, B.Sc. - - -	1948		
Nicholson, Hugh John Gay, B.E. - - -	1916		
Nicholson, Ian Lancaster, B.E. - - -	1939		
Nichterlein, Frieda Pauline, B.A. - - -	1948		
Nichterlein, Otto Erhardt, M.A. M.D. (M.B., B.S., 1940) - - -	1935 1943		
† Nickolai, Max Ronald, B.Sc. - - -	1952		
† Nickolls, Peters Michael, LL.B. - - -	1953		
† Nicolson, Andrew David, B.Ag.Sc. - - -	1954		
Nicolson, Murray Thomas, B.Sc. - - -	1945		
† Nienaber, Blair, B.E. - - -	1953		
Nietz, Arno Oscar, B.A. - - -	1951		
Nietz, Herbert Walter, M.A. B.Sc. - - -	1918 1921		
† Nietz, Ian Arno, B.E. - - -	1954		
Nilsson, Neil Alfred, B.A. - - -	1951		
Nilsson, Reginald Hakan, B.E.C. - - -	1944		
Ninnes, Arthur Reginald, B.A. - - -	1943		
Nitschke, John Edwin, B.E. - - -	1949		
Noack, Charles Hugh, M.B., B.S. - - -	1941		
Noall (nee Piercy), Olive Edriss, B.A. - - -	1935		
Nobbs, Jack McKay, M.Sc. - - -	1951		
Nobbs, William David, LL.B. - - -	1949		
Nobes, Edith Dorothy, B.Sc. - - -	1921		
Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1948		
Noble, George Grant, LL.B. - - -	1937		
Noblett, David John, B.E. - - -	1950		
Noblett, Hedley Lindsay, B.A. - - -	1926		
† Nogare, Ronald Raphael Dalle, B.Sc. - - -	1953		
† Noltenius, Harry Edward, B.A. - - -	1902		
† Noon, David Lyon, B.A. - - -	1952		
† Noonan, John William, B.A. - - -	1952		
Norgard, John Davey, B.E. - - -	1937		
Norman, Albert Edward, B.A. - - -	1948		
Norman, Arthur Edward, B.Sc. - - -	1949		
Norman, Harold Ashley, LL.B. - - -	1947		
Norman, William Ashley, LL.B. - - -	1911		
Norman, William Gowan, M.B., B.S. - - -	1938		
North, Rita Bridget Rice, LL.B. - - -	1945		
North, William Ian, M.B., B.S. - - -	1939		
† Northey, Helen Louise, B.Sc. - - -	1953		
Northey, James Douglas, B.A. - - -	1919		
Northmore, Sir John Alfred, LL.B. - - -	1887		
Nossal, Peter Mary Joseph Julius, M.Sc. (Sydney, 1948) - - -	1949		
Nott, Harry Carew, M.B., B.S. - - -	1913		
† Nugent, Naomi Mary, B.Sc. - - -	1954		
Nunn, George Marshall, M.B., B.S. - - -	1951		
Nunn, Kevin Joseph, B.Sc. - - -	1942		
		O	
Oakeshott (nee Scrutton), Patricia Mar- garet, B.A. - - -	1951		
Oaten, Harold Richard Hugh Noel, M.B., B.S. - - -	1935		
Oats, William Nicolle, B.A. - - -	1932		
O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered) - - -	1949		
O'Brien, Francis John Romuald, B.A. - - -	1951		
O'Brien, Hartley Eric, B.A. - - -	1939		
B.E.C. - - -	1954		
O'Brien, John Alexander, M.B., B.S. - - -	1947		
O'Brien, John Aloysius, B.E.C. - - -	1951		
O'Brien, Maurice Aloysius, B.A. - - -	1945		
O'Brien, Ross Pagden, B.E. - - -	1949		
O'Callaghan, Desmond Joseph, B.Sc. - - -	1949		
O'Callaghan, Piah Patrick, LL.B. - - -	1937		
† O'Callaghan, Peter John, B.D.S. - - -	1952		
Ockenden, Ralph David, B.D.S. - - -	1948		
Ockenden, Robert Hartley, B.E.C. - - -	1951		
Ockendon, Garth Palmer, B.A. - - -	1950		
† O'Connell, Brian John, B.Sc. - - -	1952		
O'Connell, Daniel Patrick, Ph.D. (Cam- bridge, 1951) - - -	1953		
O'Connell, William Bernard, M.A. - - -	1933		
O'Connor, Deirdre Catherine, B.A. - - -	1950		
O'Connor, Denise Christobel, B.A. - - -	1947		
O'Connor, Diana Jean, M.B., B.S. - - -	1949		
† O'Connor, John Desmond, M.B., B.S. - - -	1952		
O'Connor, Peter Joseph, B.A. - - -	1951		
O'Connor, Playford D'Arcy, M.B., B.S. - - -	1938		
O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932) - - -	1939		
† O'Connor, Reginald William, LL.B. - - -	1953		
O'Connor, Walter John, M.D. (M.B., B.S., 1934) - - -	1938		
O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947		
O'Dea, Kathleen Mary, M.B., B.S. - - -	1948		
Odlum, Leonard Ralph, B.Sc. - - -	1937		
Odlum, Reginald Lance, LL.B. - - -	1937		
Odlum, Vernon James, M.B., B.S. - - -	1939		
† O'Donnell, Elizabeth Anne, LL.B. - - -	1954		
† O'Donnell, Margaret Helena, B.Sc. - - -	1954		
O'Donoghue, Kenneth Kilian, M.A. - - -	1951		
O'Donoghue, Stephen Kevin, B.A. - - -	1912		
O'Donoghue, Raymond Francis, B.E.C. - - -	1951		
Offord, Thomas Frank, B.Sc. - - -	1951		
† O'Halloran, Michael William, B.Sc. - - -	1954		
O'Hara, Brian Isidro, M.B., B.S. - - -	1950		
Ohlstrom, Leonore Annie, B.A. - - -	1929		
Oldfield, Frederick Bernam, B.Sc. - - -	1923		
Oldfield, Neil, M.B., B.S. - - -	1940		
Oldham, Brenda Helen, B.A. - - -	1941		
Oldham, Marjory (nee Anderson), B.A. - - -	1915		
Oldham, Wilfred, M.A. - - -	1920		
Oldham, Wilfred Hugh, B.E. - - -	1948		
O'Leary, Patrick Damian, B.D.S. - - -	1951		
Olipant, Marcus Lawrence Elwin, B.Sc. - - -	1923		
Oliver, Archibald Robert, M.E. - - -	1952		
Oliver, Robert Wallace (Interim B.Sc. (Eng.), 1943, surrendered), B.E. - - -	1945		
O'Loughlin, Irene May, M.B., B.S. - - -	1938		
O'Loughlin, Kevin Thomas, LL.B. - - -	1949		
Olsen, Paul Engberg, B.E. - - -	1941		
Olssen, Edwin Alexander, M.A. - - -	1947		

\* Deceased.

† Not yet Members of the Senate.



Olsson, Athol Julius, LL.B. - - -	1920	Parkin, Leslie Wedgwood, M.Sc. - - -	1949
†Olsson, Leslie Trevor, LL.B. - - -	1954	Parkinson, Kevin John, B.Sc. - - -	1949
O'Malley, Charles Ernest Denis, B.E.	1932	Parry, Doris, B.A. - - -	1931
O'Malley, John Edwin, B.A. - - -	1945	Parsons, Albert Christian, B.E. - - -	1950
Omond, D'Arcy James, B.E. - - -	1949	Parsons, Barbara, B.A. - - -	1949
O'Neil, Cornelius Patrick, B.A. - - -	1949	Parsons, Geoffrey Bonython Angas, M.A. (Cambridge, 1932) - - -	1935
O'Neill, Marguerite, B.A. - - -	1949	Parsons, Harold Stephen, Mus.Bac. - - -	1912
†Opie, Alan James, B.E. - - -	1953	Parsons, Philip Brendon Angas, LL.B.	1928
Opie, Brian Preston, B.E. - - -	1949	Parsons, Ralph Whaddon, B.E. - - -	1948
Opie, Roger Gilbert, M.A. - - -	1951	Parsons, Rex Whaddon, M.E. - - -	1926
Opie, Thomas Schulz, B.A. - - -	1923	Parsons, Ronald Lewis, B.E. - - -	1942
Opit, Louis Jonah, M.B., B.S. - - -	1949	Parsons, William Ross, B.A. - - -	1948
O'Neill, Sydney, M.B., B.S. - - -	1917	Parton, Arthur Leigh, M.B., B.S. - - -	1944
†Oram, Rex Neville, B.Ag.Sc. - - -	1953	Partridge, Wilfrid Gordon McDonald, M.A. - - -	1947
Osborn, Edith May, B.Sc. (M.Sc., Man- chester, 1908) - - -	1912	Pascoe, Douglas Everett, B.Ec. - - -	1948
Osborn, Peter William, B.Sc. - - -	1949	Pash, Hannah June, M.B., B.S. - - -	1946
Osborn, Rowen Frederic, B.A. - - -	1947	Pash, Hannah Rita, B.A. - - -	1930
Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manchester, 1911) - - -	1912	Pash, Jeffrie Herbert, B.A. - - -	1938
Osborn, Thomas Raymond, B.Sc. - - -	1942	Pash, Spencer, M.Sc. - - -	1952
†Osborne-White, Douglas Arthur, B.E.	1952	Pater, Graham Stephen, B.D.S. - - -	1951
Osman, Boris, B.E. - - -	1940	Paterson, Alexandra Jean, B.Sc. - - -	1949
Osman, Neile, M.A. - - -	1945	Paterson, Alfred Harold, B.A. - - -	1937
Osmond, Phyllis Dawn, B.A. - - -	1949	†Paterson, Dennis Craig, M.B., B.S. - - -	1954
O'Sullivan, James David, LL.B. - - -	1949	Paterson, John Levett, B.E. - - -	1950
†O'Sullivan, John Joseph, B.A. - - -	1953	Paterson, Keith McGregor, B.E. - - -	1932
Othams, Dorothy Elizabeth, B.A. - - -	1925	Paterson, Mervyn Silas (Interim B.Sc. (Eng.), 1943, surrendered), B.E. - - -	1945
Othams, Herbert Reginald, B.A. - - -	1937	†Paterson, Ross, B.Sc. - - -	1953
†Otto, Lance Martin, B.E. - - -	1954	†Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered for B.E., 1915) - - -	1915
†Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1948	†Paton, Alfred Maurice, B.Sc. - - -	1898
Owen, Gwenyth Winsome, B.A. - - -	1941	†Paton, Dora Isabel, B.Sc. - - -	1902
Owens, Arthur John, B.Sc. - - -	1926	†Paton, Margaret Anne, B.A. - - -	1954
		†Paton, Robert, M.B., B.S. - - -	1951
		†Patrick, Elsie Furneaux, Mus.Bac. - - -	1925
		†Patterson, Keith Raymond, LL.B. - - -	1937
		†Patterson, William Friedrich, B.E. - - -	1934
		†Pattinson, Baden Powell, LL.B. - - -	1921
		†Paul, Kevin Carroll, B.Sc. - - -	1935
		†Paull, Alec Gordon, B.Sc. - - -	1920
		†Paull, Colin Gordon, M.B., B.S. - - -	1953
		†Paull, Torrance Arnold, M.B., B.S. - - -	1947
		†Pavia, Roy Rowling, B.A. - - -	1913
		†Pavy (nee Proud), Emily Dorothea, B.A. - - -	1906
		†Pavy, Harold Keith, M.B., B.S. - - -	1919
		†Pavy, Ian Gordon, M.B., B.S. - - -	1943
		†Pavy, John Keith, M.B., B.S. - - -	1952
		†Pavy, Rosemary Dorothea, M.B., B.S. - - -	1948
		†Pawsey, David Christian, B.E. (B.E.E. Melbourne, 1947) - - -	1954
		†Payne, George Basil, B.A. - - -	1935
		†Payne, Louise Mary Gwyther, B.A. - - -	1914
		†Paynter, Norman Catchlove, B.A. - - -	1937
		†Pearce, Alfred Moreton, B.A. - - -	1951
		†Pearce, Charles Clifton, B.A. - - -	1938
		†Pearce, Desmond Beresford Newman, B.Sc. - - -	1951
		†Pearce, Ronald Sandison, B.Sc. - - -	1948
		†Pearce, Trevor Sandison, B.Ag.Sc. - - -	1953
		†Percy, Lyn Harley Draper, M.B., B.S. - - -	1953
		†Pearman, Reginald John, B.Sc. - - -	1954
		†Pearson, Halley James Crawford, B.A. - - -	1944
		†Pearson, Leslie Norman, B.A. - - -	1941
		†Pech, Herman, B.A. - - -	1947
		†Pech, Rufus, B.A. - - -	1947
		†Pedler, John Meavious, M.B., B.S. - - -	1955
		†Pedlow, Clarice, B.Sc. - - -	1942
		†Peirce, Alan Wilfred, D.Sc. - - -	1947
		†Peirce, Reginald Frank, B.A. - - -	1938
		†Pellew, Henry Edwin, M.B., B.S. - - -	1924
		†Pellew, Janie Christobel, B.D.S. - - -	1932
		†Pellew, Lancelot Vivian, LL.B. - - -	1922
		†Pellew, Leonard James, M.B., B.S. - - -	1906
		†Pellew, Leonard James Ternouth, M.B., B.S. - - -	1932
		†Pellew, Richard Alfred Amyas, M.B., B.S. - - -	1934
		†Pelton, Louis Alfred Hall, B.Sc. (Eng.) - - -	1942
		†Pengeley, Hugh Price, B.E. - - -	1945
		†Pengeley, John Michael, B.Ec. - - -	1952

\* Deceased.

† Not yet Members of the Senate.

Pengilly, Clifford Kipling, B.E. - - -	1930	Place, Ullin Thomas, M.A. (Oxford, 1949) - - -	1953
Penglase, Dean Trestrail, B.E. - - -	1951	Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927) - - -	1937
†Penn, John Halbert, B.E. - - -	1953	Platt, John Talbot, B.A. - - -	1951
Pennington, Beryl, B.A. - - -	1942	Platten, Newell James, B.E. - - -	1951
†Penna, Elwyn Dunstan, B.A. - - -	1952	Playford, Malcolm Noel, LL.B. - - -	1937
†Penny, David Harry, B.Ec. - - -	1952	†Pleuckhahn, Vernon Douglas, M.B., B.S. - - -	1949
Penny, Harold John, M.B., B.S. - - -	1913	Plimmer, Geith Alfred, B.A. - - -	1930
Penny, Hubert Harry, M.A. - - -	1932	Plummer, Alexander Philip, B.D.S. - - -	1941
Pennyquick, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919) - - -	1923	Plummer, Reg Garnet, M.B., B.S. - - -	1906
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928) - - -	1935	Plummer, Rex Grose, M.B., B.S. - - -	1937
Percira, John Evelyn De Haan, B.A. - - -	1945	Plummer, Violet May, B.Sc. - - -	1891
Perkins, Horace James, Mus.Doc. - - -	1943	M.B. (Melbourne, 1897) - - -	1897
Perkins, Marie Pauline, B.A. - - -	1949	Plummer, Violet Myrtle, M.B., B.S. - - -	1932
†Petrett, Lance Victor, M.B., B.S. - - -	1952	Plunkett, Norman Ambrose, B.E. - - -	1926
Perry, Audrey Vivienne, LL.B. - - -	1949	Plush, Donald Seward, B.Ag.Sc. - - -	1948
Perry, Dulcie May, B.A. - - -	1939	Pobjoy, Alice Blake, B.A. - - -	1918
Perry, Rayden Alfred, B.Sc. - - -	1947	Pohlman, William Frederick Claude, B.Sc. - - -	1926
Peters, Brian Harry, M.B., B.S. - - -	1948	Poidevin, Leslie Oswyn Sheridan, M.B., B.S. (Sydney) - - -	1952
Peters, Geoffrey Ernest, B.A. - - -	1925	Polglase, Norman, B.Sc. - - -	1947
M.B., B.S. - - -	1927	†Polkinghorne, Graham Keith, B.E. - - -	1954
Peters, George Francis, B.Sc. - - -	1948	Polkinghorne, Kate Elfinor, B.A. - - -	1931
Peterson, Jean Clarice, B.A. - - -	1940	Polkinghorne, Keith, B.A. - - -	1936
†Petrie, Charlotte Marion, M.A. (St. Andrews, 1923) - - -	1939	Polkinghorne, Noel Francis, B.A. - - -	1934
Petrie, Enid Beatrice, Mus.Bac. - - -	1935	Pollnitz, Eunice Adah, B.A. - - -	1936
†Pettit, Garth Derwood, B.D.S. - - -	1953	Polson, Reginald Alexander, B.E. - - -	1929
Pettit, Rowland, Ph.D. - - -	1954	Pomroy, Alan Browning, B.E. - - -	1938
†Pfeiffer, Edgar Reginald, B.Sc. - - -	1953	Pomroy, Richard Osborne, B.E. - - -	1923
Pfeiffer, Gordon James, B.D.S. - - -	1949	†Ponnia, Anthonipillai, B.E. - - -	1954
Pfeiffer, Norman, B.A. - - -	1938	Ponsford, Joan Helen, B.Sc. - - -	1949
Pfitzner, Eric Norman, M.A. - - -	1933	*Poole, Dorothea Landon, M.A. - - -	1906
†Pfitzner, Leo Wilkin, B.E. - - -	1953	Poole, Frederic St. John, M.B., B.S. - - -	1909
†Pfitzner, Murray Ackland, M.B., B.S. - - -	1953	Poole, Gilbert Graham, B.Sc., B.E. - - -	1921
Phillips, Herbert Tarlton, B.Sc. - - -	1905	Poole, Richard John, B.E. - - -	1951
Phillips, Keith Herbert, B.E. - - -	1951	Pope, Geoffrey Weston, B.Sc. - - -	1951
Phillips, Albert Maurice, B.E. - - -	1941	Pope, Kenneth Geoffrey, M.Sc. - - -	1949
Phillips, Alan Dunstan, M.B., B.S. - - -	1947	†Pope, Kathlyn Hilary, B.A. - - -	1952
Phillips, Basil Wright, B.D.S. - - -	1950	Pope, Peter Myles Burton, B.E. - - -	1949
Phillips, Charles Leslie, B.D.S. - - -	1926	Porter, Harold George, B.A. - - -	1941
Phillips, Colin William, M.B., B.S. - - -	1951	Porter, Kingsley Clarence, M.B., B.S. - - -	1942
Phillips, Earnest, LL.B. - - -	1908	†Porter, Reginald Bernard, B.Sc. - - -	1953
Phillips, Gordon Gilbert, B.A. - - -	1940	†Porter, Robert, B.Med.Sc. - - -	1954
Phillips, James Henry, B.E. - - -	1948	Porter, Ronald Frank, B.D.S. - - -	1940
Phillips, James Howard, B.Sc. - - -	1902	Porter, Thelma May Edith, B.A. - - -	1941
Phillips, Muriel Edith, B.A. - - -	1935	*Portus, Garnet Vere, M.A. (Oxford, 1917) - - -	1935
Phillips, Murray Norman (Interim B.Sc. (Eng.), 1942, surrendered) B.E. - - -	1945	Possingham, John Victor, B.Ag.Sc. - - -	1951
Phillips, Murray Thomas, B.E. - - -	1947	†Possingham, Maxwell Leonard, B.Sc. - - -	1954
Phillips, Pamela Rosemary, M.B., B.S. - - -	1951	Postle, Douglas Gordon, M.B., B.S. - - -	1941
Phillips, Ronald Mervyn, B.A. - - -	1951	Postle, Herbert Thomas, LL.D. (Melbourne, 1920) - - -	1922
Phillips, William James Ellery, M.B., B.S. - - -	1915	Potter (nee Bates), Betty, B.Sc. - - -	1939
Phillipson, Coleman, LL.D. (Manchester, 1908) - - -	1920	B.A. - - -	1942
Pickering, Arthur Lawrence, LL.B. - - -	1925	Potter, Brian John, M.Sc. - - -	1950
Pickering, Ronald Franklin, B.Sc. - - -	1946	Potter, Frank Jaques, LL.B. - - -	1947
†Pierson, Robert Arthur, B.A. - - -	1954	Potter, John Colin, B.Ag.Sc. - - -	1948
Pietsch, Clemens Henry, M.B., B.S. - - -	1945	Potter, Roy Adolph, M.A. - - -	1923
†Pike, Colin Edwin, LL.B. - - -	1954	Potter, Vernon Wheatley, M.B., B.S. - - -	1941
Pike, Douglas Henry, M.A. - - -	1951	Potts, Ethelwyn, B.A. - - -	1909
†Pike, Geoffrey Howard, M.B., B.S. - - -	1953	Potts, Frank Roland, B.Sc. - - -	1922
Pile, Kenneth Charles, B.E. - - -	1949	Potts, Gilbert Macdonald, M.A. - - -	1915
Pilgrim, Alan Flinders, B.Sc. - - -	1936	Potts, John Louis, M.B., B.S. - - -	1951
Pilgrim (nee Lipsham), Kate Caroline, B.A. - - -	1905	Potts, Renfrey Burnard, B.Sc. - - -	1945
†Pillay, Elagu Sithampara, M.B., B.S. - - -	1954	*Potts, William Andrew, B.E. (B.Sc., 1912, surrendered for B.E., 1913) - - -	1913
Piper, Clarence Sherwood, D.Sc. - - -	1942	Powell, Harold, M.B., B.S. - - -	1913
Piper, Cyril Thomas, M.B., B.S. - - -	1924	Powell, Kathleen Naomi, B.A. - - -	1925
Piper, Flora Elizabeth, B.A. - - -	1924	Powell, Miriam Athalie, B.A. - - -	1927
Piper, Francis Ernest, LL.B. - - -	1921	Power, Frances Maureen, B.A. - - -	1951
*Piper, Harold Bayard, LL.B. - - -	1914	Power, Francis Bryan, B.Ec. - - -	1951
Piper, Herbert Walter, B.A. - - -	1938	Power, John Leslie, LL.B. - - -	1922
Pitcher, Cyril Frederick, M.B., B.S. - - -	1911	Powrie, James Kelvin, M.Sc. - - -	1951
Pitcher, Maurice Knight, B.Sc. - - -	1925	Poynton, John Orde, M.D. (Cambridge, 1941) - - -	1948
Pitcher, Russell Barton, M.B., B.S. - - -	1948	†Pratten, Raymond Douglas, B.Sc. - - -	1952
Pitcher, William Bonynthon, B.Sc. - - -	1945	Preece, Julia Anne, B.A. - - -	1949
Pitman, Beresford Ernest, B.Sc. - - -	1945	†Preece, Kathleen Mary, B.A. - - -	1952
Pitt, Arthur William, M.A. - - -	1915	Preedy, Winifred Edna, B.D.S. - - -	1927
Pitt, George Henry, B.A. - - -	1920	Prescot, Rupert Warre, B.A. - - -	1930
Pitt, Marjorie Una, B.Sc. - - -	1925		

\* Deceased.

† Not yet Members of the Senate.

Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1919) - - - - -	1924	Ramsay, Alexander Maurice, B.Ec. -	1941
D.Sc. - - - - -	1932	Ramsey, Alfred Maxwell, B.Ec. -	1951
Prescott, John Russell, B.Sc. - - - -	1944	Rance, George Howe, B.Sc. - - - -	1935
†Prest, David Harris, B.Sc. - - - - -	1953	Randell, Allan Elliott, M.B., Ch.B. (Melbourne, 1897) - - - - -	1897
Prest, Elizabeth Maurine, M.B., B.S. -	1951	Randell, William Richard, M.B., B.S. -	1947
Prest, Henry Gordon, M.B., B.S. - -	1925	Randle, Alexander Miller, B.Sc. - -	1951
Preston, Tom, B.E. - - - - -	1924	†Rankine, Alexander Mackenzie, M.B., B.S. - - - - -	1952
Price, Archibald Grenfell, M.A. (Ox- ford, 1919) - - - - -	1920	Rankin, Mervyn Alexander, M.Sc. - -	1931
D.Litt. - - - - -	1932	Rankine, Bryce Crossley, M.Sc. - -	1953
Price, Arthur Jennings, LL.B. - - -	1890	†Rasch, John, B.E. - - - - -	1952
Price, Charles Archibald, B.A. - - -	1944	Rattigan, John Herbert, B.Sc. - - -	1948
Price, Charles William Russell, M.B., B.S. - - - - -	1932	Raupach, Maxwell, M.Sc. - - - - -	1954
Price, Ione Dorothy, B.A. - - - - -	1948	Ray, Angus Charles, LL.B. - - - - -	1943
Price, James Robert, D.Sc. - - - - -	1954	Ray, John, M.B., B.S. - - - - -	1936
Price, Joan Isabel, B.A. - - - - -	1938	Ray, Marjorie, B.A. - - - - -	1945
Price, Kenneth Bonamy, B.A. (Oxford, 1949) - - - - -	1951	*Ray, William, M.B., B.S. - - - - - B.Sc. (Oxford, 1909) - - - - -	1906 1914
Price, Winifred Vera, B.A. - - - - -	1949	Ray, William Robert, B.A. - - - - -	1933
Prider, Valentine Aubrey Hamilton, B.A. - - - - -	1951	Ray, Walter Vernon, LL.B. - - - - -	1907
†Pridham, Geoffrey Jasper, LL.B. - -	1953	†Rayment, James Tarlton-, M.B., B.S. -	1952
Pridham, Lancelot Robert, B.Sc. - -	1947	Rayner, George Percival, B.A. - - -	1920
Pridmore, Roy Vernon, B.Sc. - - - -	1925	Rayner, William Henry, B.A. - - - -	1907
M.B., B.S. - - - - -	1929	Rayson, Patricia, B.Sc. - - - - -	1950
Priest, Amy Grace, M.A. - - - - -	1923	Read, John Herbert, B.A. - - - - -	1949
Priest, Reginald Arthur, B.Sc. - - -	1951	Read, Norman George, M.Sc. - - - -	1945
Prime, Andree Joyce, B.A. - - - - -	1945	Read, Philip Andreas, B.A. - - - - -	1930
Prime, Henry Ashworth, M.Sc. (Man- chester, 1946) - - - - -	1954	†Reade, Peter Clarence, B.D.S. - - -	1952
Prince, Erica Lloyd, B.A. - - - - -	1913	†Reardon, Mary Dulcie, B.A. - - - -	1952
Pritchard, John Joseph, B.Sc. - - - -	1934	Redden, Martin Philip, B.A. - - - -	1933
†Pritchard, John Nelson, B.A. - - - -	1954	Redman, James Johnston, LL.B. - - -	1935
†Pritchard, Robert Keith, B.Ag.Sc. - -	1953	Redmond, John Bice, B.E. - - - - -	1946
Pritchard, Vita, B.A. - - - - -	1941	†Reed, Barbara, B.A. - - - - -	1954
Proctor, Ivy Millicent, B.A. - - - - -	1935	Reed, Eileen Ruth Lathleen, B.Sc. -	1919
Proctor, Rose Emily, B.A. - - - - -	1934	Reed, Geoffrey Sandford, LL.B. - - -	1913
Prosser, Victor Albert, B.Ec. - - - -	1951	Reed, Mary Ethel Hayter, M.B., B.S. -	1924
Proud, Millicent Farrer, M.A. - - - -	1915	Reed, Robert David Geoffrey, B.E. - -	1950
Proudman, Dorothy Mena, B.A. - - - -	1951	Reed, Thomas Thornton, D.Litt. - - -	1954
†Proudman, William David, M.B., B.S. -	1952	Rees, Harold Mitchell, M.B., B.S. - -	1924
Probert, James Keith Stewart, B.Sc. - -	1951	†Rees, John David, B.Sc. - - - - -	1953
Prouse, Kenneth George, B.A. - - - -	1948	Reeves, Edith Louie, B.A. - - - - -	1945
Provis, Douglas Franklin, B.Sc. - - -	1950	Reeves, Rupert Kirk, M.B., B.S. - - -	1926
†Pryor, Colin Hutson, M.B., B.S. - - -	1952	Reichstein, Lance Eric Harold, B.E. -	1922
Pryor, Cecilia Marie, Mus.Bac. - - - -	1932	Reid, Arthur Douglas, M.B., B.S. - - -	1924
Pryor, Eric John, B.A. - - - - -	1931	Reid, David Argyll Campbell, B.E. -	1949
Pryor, Lindsay Dixon, M.Sc. - - - - -	1939	Reid, Elizabeth Ellen, B.A. - - - - -	1933
Pryor, William Arthur, M.B., B.S. - - -	1919	†Reid, Gordon Stephen, B.A. - - - - -	1954
†Pryor, William John, M.B., B.S. - - -	1952	†Reid, John Douglas, M.B., B.S. - - -	1954
Puddy, Albert Forwood, LL.B. - - - -	1935	†Reid, John Graham, M.B., B.S. - - -	1954
Puddy, Maude Mary, Mus.Bac. - - - -	1905	Reid, Max Bertram, M.B., B.S. - - - -	1937
†Pudney, Colin William, B.E. - - - -	1953	Reid, Robert Leighton, M.A. - - - - -	1954
Pugsley, Albert Tonkin, D.Sc. - - - -	1954	Reid, Ross Treloar Wishart, M.B., B.S. -	1947
Purdam, Irving, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - - -	1950	Reid, William Lister, M.B., B.S. - - -	1931
Purdham, Robert Keith, B.E. - - - -	1951	Reilly, Patrick John, M.B., B.S. - - -	1928
†Purslow, Martin, B.A. - - - - -	1953	Reilly, Philip Herbert, B.D.S. - - - -	1940
Purton, David Gabriel, M.A. - - - - -	1918	Reilly, Robert Neil, M.B., B.S. - - -	1933
Pyne, Maurice Ignatius, M.A. - - - - -	1930	Remann, Arnold Luehrs, D.Sc. - - - -	1935
†Pyne, Remington, John, M.B., B.S. - -	1953	Remann, Valesca Leonore Olive, M.A. -	1914
Pynor, Donald Edward, B.D.S. - - - -	1950	Reimers, John Alexander, B.D.S. - - -	1950
		Reissmann, Charles Henry, M.D. (Cam- bridge, 1902) - - - - -	1902
		†Remilton, John Robert, M.B., B.S. - -	1953
		Rendell, Alan, B.A. - - - - -	1930
		Rendell, Margaret Patricia, M.A. - - -	1952
		Renfrey, Lionel Edward William, B.A. -	1938
		Renner, Johannes Theodore Erich, B.A. -	1950
		Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913) - - - - -	1919
		Retallick, Bruce James, B.A. - - - - -	1935
		B.Sc. - - - - -	1939
		Reynolds, Beatrice Mary Heywood, B.A. - - - - -	1924
		†Reynolds, Graeme Campbell, B.E. - - -	1954
		Reynolds, Howard, B.Sc. - - - - -	1950
		†Reynolds, James Alan, B.E. - - - - -	1953
		Reynolds, John Heywood, B.A. - - - -	1928
		Reynolds, Lilo, B.A. - - - - -	1948
		Reynolds, Maxwell Andrew, B.Sc. - - -	1951
		Reynolds, Maxwell Stanley, B.A. - - -	1948
		Rhodes, Gwendoline Maude, LL.B. - - -	1939
		†Rice, Brian George, B.Sc. - - - - -	1954

\* Deceased.

† Not yet Members of the Senate.

Rice, John David, M.B., B.S. - - -	1930	Robertson, Nancy Douglas, B.Sc. - -	1945
Rice, Lawrence John, M.B., B.S. - -	1948	Robertson, Ronald Peter, M.B., B.S. -	1945
*Rice, Patrick William, M.B., B.S. - -	1915	Robertson, Sydney Clifford, B.Sc. - -	1922
Rice, Phillip John, LL.B. - - -	1951	M.E. - - - - -	1935
Rice, Therese Marie, M.A. - - -	1947	Robertson, Thorburn Stirling Brails-	
Rice, Vincent de Paul Lawrence, M.B.,		ford, B.Sc. - - - - -	1948
B.S. - - - - -	1933	M.B., B.S. - - - - -	1953
†Rice, William Mitton, B.E. - - -	1953	Robertson, William Godfrey Pitcher,	
Riceman, David Stirling, M.Sc. - -		Ph.D. - - - - -	1953
(B.Ag.Sc., 1934) - - - - -	1947	†Robin, Angus Geoffrey, B.Sc. - - -	1952
Richards, Archibald Charles, M.A. -	1927	Robin, Charles Ernest, B.A. - - -	1886
Richards, Cecil Albert, M.A. - - -	1929	*Robin, Rowland Cuthbert, M.E. - -	1932
B.Sc. - - - - -	1931	Robinson, Arthur James, B.E. (Mel-	
Richards, Clarence, B.Sc. - - -	1915	bourne, 1929) - - - - -	1937
M.B., B.S. - - - - -	1919	Robinson, Donald Neil, M.B., B.S. -	1948
Richards, Dudley Lewis, LL.B. - -	1931	Robinson, Edgar, LL.B. - - - - -	1912
†Richards, Eric Dean, M.B., B.S. - -	1951	Robinson, Edwin George, M.Sc. - -	1947
Richards, Eva Gertrude, B.A. - - -	1914	Robinson, Marie Patricia, B.A. - -	1941
Richards, Frederick William, LL.D.		Robinson, Mary Kelly, M.Sc. - - -	1951
(London, 1896) - - - - -	1897	†Robinson, Michael Alexander, M.B.,	
Richards, Gordon Alfred, B.A. - - -	1937	B.S. - - - - -	1954
†Richards, James Ross, M.B., B.S. -	1954	*Robinson, Sir Roy Lister, B.Sc. - -	1903
Richards, Kenneth Ross, B.Sc. - - -	1948	Robjohns, Henry Collin, M.B., B.S. -	1932
†Richards, Maxwell John, M.B., B.S. -	1954	Robjohns, Leonard, B.A. (Sydney,	
Richards, Ronald Roy, B.Ag.Sc. - -	1951	1894) - - - - -	1920
Richards, Norman Alfred, M.D. (M.B.,		Rochlin, Aaron, LL.B. - - - - -	1921
B.S., 1942) - - - - -	1951	Rochlin, Elijah, LL.B. - - - - -	1928
Richards, William Edward, B.A. - -	1932	Rodbourn, Arthur, B.Ec. - - - - -	1951
†Richardson, John Milton, B.Ag.Sc. -	1952	Rodda, Harold James, M.Sc. - - -	1945
†Richardson, John Patrick, M.B., B.S. -	1952	Roder, John Herbert, M.A., LL.B. - -	1951
Richardson, Middleton Bart, B.Sc. -	1941	Rodger, Geoffrey James, B.Sc. - - -	1915
Richardson, Patricia Sophia, M.B., B.S.	1937	†Rodger, John Geoffrey, B.E. - - -	1953
†Richardson, Robert William, B.E. - -	1953	Rodgers, Frances Ada, B.A. - - -	1928
†Richardson, Ruth Mary Desmond, B.A.	1954	Roe, Geoffrey Palmer, B.Ag.Sc. - -	1951
Richardson, Walter Murray, B.Sc. - -	1951	Rochrs, Herma Erika, B.A. - - -	1945
†Riddell, Frank Scouler, M.B., B.S. -	1953	Rofe, Bryan, B.Sc. - - - - -	1939
Riedel, Felix Daniel, B.A. - - -	1950	†Rogasch, Peter Edwin, B.Sc. - - -	1954
Riedel, Melita Wanda, Mus.Bac. - -	1920	Rogers, Charles Malcolm, B.E. - - -	1939
Riedel, William Rex, M.Sc. - - -	1952	Rogers, Ian Frederick, B.D.S. - - -	1951
Rieger, Clarence Oscar Ferrero, M.B.,		Rogers, Irene Blanche, M.A. - - -	1932
B.S. - - - - -	1919	†Rogers, John Andrew, M.B., B.S. - -	1952
Riggs, Noel Victor, B.Sc. - - -	1942	Rogers, Leslie Sanders, B.D.S. (Mel-	
†Riley, John, M.B., B.S. - - -	1953	bourne, 1923) - - - - -	1925
Riley, Mabel, B.A. - - - - -	1908	Rogers, Theodore Stansfield, B.E. - -	1928
Rimes, Garnet Dean, B.Sc. - - -	1950	Rogers, William Percy, Ph.D. (London)	1952
Rinfret, The Right Honourable Thibau-		Rolland, James Alexander, M.B., B.S.	1917
deau, P.C., LL.D., (McGill) - - -	1951	Rolland, James Alexander Bryan, M.B.,	
Rischbieth, Henry George, M.B., B.S.	1942	B.S. - - - - -	1943
Ruschbieth, John Ross, B.Sc. - - -	1937	Rolland, William Maitland, B.A. - -	1936
Ruschbieth, Oswald Henry Theodore,		Rollison, John William, M.B., B.S. -	1925
B.A. - - - - -	1909	Ronai, Tibor, M.B., B.S. - - - - -	1948
Ruschbieth, Richard Harold Charles,		Ronald, Ian Douglas, B.D.S. - - -	1950
M.B., B.S. - - - - -	1951	Rook, Kevin Maxwell, B.Sc. - - -	1947
Rix, Areta, B.A. - - - - -	1938	Rooney, Clifford, B.Sc. - - - - -	1929
†Roach, Desmond Michael, B.E. - - -	1952	Rooney, Gwennyth Minnie, B.A. - - -	1934
Roach, John Carlyle, B.E. - - -	1921	Rooney, Lois Josephine, B.A. - - -	1945
Robbins, Thomas Fellows, B.E. - - -	1940	Rooney, Marjorie Winnifred, B.A. - -	1949
Robert, Douglas Bower, B.Sc. - - -	1942	Rose, Gordon Albert, B.E. - - - - -	1951
Roberts, Arthur Bruce, LL.B. - - -	1922	Rosenberg, Mendel Wolf, M.B., B.S. -	1942
Roberts, David Pearson, B.Sc. (Eng.) -	1947	Rosenhain, Geoffrey, M.A. - - - - -	1950
Roberts, Ivor Charles, M.B., B.S. - -	1952	Rosman, Frank Edgar, B.Sc. - - -	1908
Roberts, Jillian Mary, LL.B. - - -	1949	Ross, Alexander David, D.Sc. (Glas-	
†Roberts, John Desmond, B.A. - - -	1953	gow) - - - - -	1926
Roberts, Joseph Armistice, M.B., B.S. -	1950	Ross, Dudley Bruce, LL.B. - - - - -	1914
Roberts, Nancy Mowbray, B.A. - - -	1947	Ross, Nadeen Adoree, B.A. - - - - -	1951
†Roberts, Richard Leslie, B.E. - - -	1953	Ross, Sydney George Frederick, B.E. -	1949
Roberts, Robin Lea, B.A. - - - - -	1939	Ross, William Alexander, LL.B. - - -	1947
Robertson, Alfred Bentley, B.E. - - -	1942	Rossiter, James Leonard, M.A. - - -	1912
†Robertson, Allison Alexander, B.E. -	1952	Rounsevell, James Corryton, B.E. (In-	
Robertson, Betty Ann Fotheringham,		terim B.Sc. (Eng.), 1945, surren-	1947
B.A. - - - - -	1948	dered) - - - - -	
Robertson, Clara Enid, B.A. - - -	1929	Rowe, Albert Percival, B.Sc. (London,	
†Robertson, Colin Frank, M.B., B.S. -	1954	1922) - - - - -	1948
Robertson, David Stirling, Ph.D. - -	1954	Rowe, Allan Gordon, M.B., B.S. - - -	1942
Robertson, Donald Alexander, LL.B. -	1934	Rowe, Colin Davies, LL.B. - - - - -	1934
Robertson, Gwendoline Katherine, B.Sc.	1948	Rowe, Ernest Thomas, B.Sc. - - - -	1920
Robertson, Hall, B.E. - - - - -	1948	Rowe, Fletcher David, M.B., B.S. - -	1945
Robertson, Ian Robert, B.E. - - -	1948	Rowe, Lincoln Gordon, B.E. (B.Sc.	
Robertson, Iris Esther, M.A. - - -	1925	(Eng.), 1947, surrendered) - - - -	1949
Robertson, James Struan, Ph.D.		†Rowe, Ronald, M.B., B.S. - - - - -	1954
(D.Phil., Oxford) - - - - -	1950	Rowe, Stanley Edgar, B.Sc. - - - - -	1950
†Robertson, Kenneth Alexander, B.A. -	1954	Rowe, William Vivian, M.B., B.S. - -	1948
Robertson, Kenneth James, M.D.S. - -	1953	Rowell, Keith Addison, B.E. - - -	1933
Robertson, Leon Medley, B.E. - - -	1951	Rowland, John Howard, LL.B. - - -	1937

\* Deceased.

† Not yet Members of the Senate.

Rowlands, Edward John, B.Sc. - - -	1948	Sarre, Malcolm Glen, M.B., B.S. - - -	1945
Rowley, Rex Cameron, B.Sc. - - -	1951	Sarre, Vera Georgina, B.A. - - -	1917
Ruddall, Reginald John, LL.B. - - -	1906	† Sarre, Winifred Grace, B.A. - - -	1953
Rudd, Eric Aroha, B.Sc. - - -	1930	† Sasse, Wolfgang Hermann Fritz, B.Sc.	1953
Rudd, Kenneth Clive, B.A. - - -	1947	† Sauer, Henri Hugo Albert, M.B., B.S.	1952
† Ruediger, Malcolm Milton, B.A. - - -	1954	† Saulite, Elfrida, B.D.S. - - -	1952
Rule, Vernon Arthur, B.A. - - -	1936	† Saunders, John Milton, M.B., B.S. - - -	1952
Russell, Albert William, M.B., B.S. - - -	1949	Saunders, Pepita Cerda, LL.B. - - -	1925
Russell, Alfred Burgess, M.B., B.S. - - -	1919	Savage, Arthur Charles, M.B., B.S. - - -	1928
Russell, Eric Alfred, B.Ec. (B.Com.		† Savage, Charles Arthur, B.A. - - -	1954
Melbourne, 1943) - - -	1954	† Savage, Joseph Patrick, M.B., B.S. - - -	1954
Russell, Ernest Alfred David, M.B.,		Sawers, Donald Alexander, B.Sc. (Eng.)	1942
B.S. - - -	1949	Sawers, Ronald John, M.B., B.S. - - -	1942
Russell, Ernest Albert Harold, M.B.,		Sawley, Darrell Frederick, B.Sc. - - -	1929
B.S. - - -	1911	Scales, William Arthur, LL.B. - - -	1930
Russell, Frank Henderson, B.E. - - -	1950	Scarborough, Eric Charlton, B.E. - - -	1951
* Russell, Herbert Henry Ernest, M.B.,		Scarfe, Elwyn Bewell, LL.B. - - -	1940
Ch.B. (Melbourne, 1899) - - -	1899	Scarfe, James Hamilton, B.E. (In-	
M.D. - - -	1905	terim B.Sc. (Eng.), 1945, surren-	
Russell, Janet Barbara, M.B., B.S. - - -	1947	dered) - - -	1948
Russell, John Samuel, B.Ag.Sc. - - -	1948	Scarlett, Robert Dalley, Mus.Doc. - - -	1934
Russell, Robert Alfred, M.B., B.S. - - -	1943	Schache, Alma Olga Antontia, B.A. - - -	1909
Russell, Ronald Edyvane, M.B., B.S. - - -	1946	Schafer, Carl Hannaford, M.B., B.S. - - -	1919
Russell, Walter Alfred, M.B., B.S. - - -	1935	Schafer, Max Ernest Hannaford, B.D.S.	1923
Ryan, Edward Clifford Lee, M.B., B.S.		Schirmer, Gerhart Percy, B.Ec. - - -	1951
Ryan (nee Pank), Gladwys Ruth, B.A.		Schmidt, Lewis Walter, B.Sc. - - -	1940
Ryan, John William, B.Ag.Sc. - - -	1950	Schneider, Michael, M.B., B.S. - - -	1925
Ryan, Michael Rupert, B.A. - - -	1939	Schneider, Shirley Laura, Mus.Bac.	
Ryan, Naomi Rosslyn, M.B., B.S. - - -	1940	(Melbourne, 1932) - - -	1946
Ryan, Victor Lloyd Percival, LL.B. - - -	1938	Schneider, Walter Herman, M.E. - - -	1945
Rymill, Frances Carstairs, B.A. - - -	1936	Schneider, Wilfred, B.E. - - -	1922
		Schneider, Wilfred Carl, M.A. - - -	1932
		Scholar, Ernest, B.A. - - -	1941
		† Scholz, William Herbert, M.B., B.S. - - -	1954
		Schroder, Judith, B.Sc. - - -	1950
		Schubert, Frank Helmut, B.A. - - -	1934
		Schudmak, Henry, M.B., B.S. - - -	1949
		† Schuetz, Harold Edwin, B.A. - - -	1953
		Schulz, Adolf John, B.A. - - -	1905
		M.A. (Ph.D., Zurich, 1908) - - -	1909
		Schulz, Ernst Adolph, B.E. - - -	1931
		Schultz, Gordon Ray, B.A. - - -	1950
		† Schultz, Roydon Donald, B.Sc. - - -	1954
		Schulze, Robert George, M.B., B.S. - - -	1947
		† Schumacher, Colin Stephen, B.E. - - -	1954
		Schutz, Raymond Alfred, B.E. - - -	1949
		Schwab, Gordon Ernest, B.Sc. - - -	1950
		Schwarz, Eugene Robertson, B.Sc. - - -	1939
		Scobie, John Hedger, M.B., B.S. - - -	1949
		Scoble, Sidney John, B.A. - - -	1936
		Scollin, James, B.D.S. - - -	1932
		Scott, Alfred Eric, M.Sc. - - -	1928
		Scott, Jeffrey Frank, LL.B. - - -	1949
		Scott, Michael Arthur MacDonald, M.A.	
		(M.Sc. National University, Ireland,	
		1934) - - -	1953
		† Scott, Philip Earle, B.E. - - -	1954
		Scott, Ronald Melville, B.E. (B.Sc.,	
		1910, surrendered for B.E., 1913) - - -	1913
		Scott, Trevor Denmson, B.Sc. - - -	1951
		Scragg, Roy Frederick Rhodes, M.B.,	
		B.S. - - -	1946
		Scrapp, Walter Robert Lambert, B.A. - - -	1950
		Scriven, Murray Walter, B.A. - - -	1947
		† Scriven, Wilton Maxwell, B.Sc. - - -	1953
		Seaman, Gilbert Frederick, B.Ec. - - -	1935
		Seaman, Keith Douglas, B.A. - - -	1951
		Searle, Clifford Alfred James, B.A. - - -	1937
		Searle, Frederick John, B.A. - - -	1902
		Searle, Hartley Malcolm, B.A. - - -	1932
		B.Sc. - - -	1935
		Sears, Harold William, B.Sc. - - -	1943
		† Searson, William George, B.E. - - -	1953
		† Sedgley, Ralph Harold, B.Ag.Sc. - - -	1954
		Seedsman, Donald John, B.Sc. - - -	1948
		Seedsman, Kenneth Reginald, B.Sc. - - -	1951
		Seekamp, Jack Victor, B.Ag.Sc. - - -	1942
		Segnit, Edgar Ralph, M.Sc. - - -	1945
		Segnit, Ralph Walter, B.Sc. (Oxford,	
		1922) - - -	1922
		Seidler, Jan Hynek, M.Sc., B.A. - - -	1954
		Seith, Wolfram Immanuel, M.B., B.S. - - -	1949
		Sellers, Ada, B.A. - - -	1928
		Selth, Donald Victor, B.A. - - -	1949

\* Deceased.

† Not yet Members of the Senate.

Selth, Geoffrey Poole, B.A. - - -	1951	Siegele, John Louis, B.Sc. - - -	1945
Semler, Clifford Gerhardt, M.B., B.S.	1940	†Siglin, Max, M.B., B.S. - - -	1954
Semmens, Francis John, B.Sc. - - -	1928	Sigmont, Victor Charles, B.A. - - -	1950
Semmler, Clement William, M.A. - - -	1938	Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - -	1947
Simple, Kenneth Hugh, B.A. - - -	1950	Simmonds, David Hubert, M.Sc. - - -	1948
Senior, Lionel Rupert, B.Sc. - - -	1929	Simmonds, Rachel Elizabeth, B.A. - - -	1948
B.A. - - -	1947	Simmons, Donald William, B.Ec. - - -	1949
†Senior, Rex Clifton, M.B., B.S. - - -	1952	Simmons, Geoffrey Clive, B.Sc. - - -	1945
Seppelt, Ian Howe, B.Sc. - - -	1932	†Simmons, Marie Yvonne, B.A. - - -	1952
†Seppelt, Yvonne Granville, M.B., B.S.	1946	Simons, Alfred, M.B., B.S. - - -	1942
Sergeant, Maxwell Stuart, LL.B. - - -	1934	Simons, Arthur Nicholas, B.Sc. - - -	1951
Sewell, Charles Edward, LL.B. - - -	1886	Simpson, Alfred Moxon, B.Sc. - - -	1930
Sexton, Edgar Raymond, B.A. - - -	1931	†Simpson, Donald Allen, M.B., B.S.	1949
Shanahan, Patrick William, M.B., B.S.	1928	†Simpson, Frederick William, M.B., B.S.	1934
Shannon, James Stanley, B.Sc. - - -	1949	†Simpson, Hugh Denney, B.Sc. - - -	1920
Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1949	B.A. - - -	1921
Shannon, Richard John, B.E. - - -	1949	†Simpson, Penelope Margaret, B.Sc. - - -	1949
†Shapley, William George, B.E. - - -	1952	†Simpson, Robert Allen, B.E. - - -	1934
†Sharley, Aubrey Neville, B.E. - - -	1954	†Sims, Chive Moir, B.Sc. - - -	1954
†Sharley, Elma May, B.A. - - -	1937	†Sims, Eric Baldwin, M.D. (M.B., B.S., 1940) - - -	1948
†Sharma, Romesh, M.B., B.S. - - -	1954	Sims, Milton Reginald, B.D.S. - - -	1950
†Sharma, Arthur Edward, B.E. - - -	1926	Sims, Roxy, B.A. - - -	1933
†Sharman, Ethel Olive, B.A. - - -	1915	Sinclair, Walter Gordon Clyde, B.Sc. - - -	1923
†Sharp, Bruce Burnell, B.E. (Interim B.Sc. (Eng.), 1949, surrendered) - - -	1951	Sinclair, William Malcolm, M.B., B.S. - - -	1911
†Sharp, Warren Player, B.Ec. - - -	1954	Singh, Rajendra, Ph.D. - - -	1953
†Sharpe, Edmund John, B.E. - - -	1932	†Sizer, Marion Betty, B.Sc. - - -	1954
*Sharpe, William George, B.Sc. - - -	1936	Skewes, Edward Foster, LL.B. - - -	1917
Shaw, Alice Mary Stockdale, B.A. - - -	1929	Skinner, Brian John, B.Sc. - - -	1950
Shaw, James Barry, B.Sc. - - -	1904	Skinner, Cecil Reginald Allenby, B.E.	1949
Shaw, Joan Hambly, B.A. - - -	1947	†Skipper, John Stark, M.B., B.S. - - -	1944
Shaw, John Robert Stockdale, M.A. - - -	1933	†Skipper, Stanley Herbert, LL.B. - - -	1901
Shaw, Peter John Randall, B.Sc. - - -	1949	Skuce, Beryl Marion Rebecca, B.A. - - -	1934
Shea, Brian Joseph, M.B., B.S. - - -	1951	†Sladdin, John Naulty, M.B., B.S. - - -	1953
Shearer, Clifford, George Tregea, B.A. B.Ec. - - -	1931	Slade, John Harman, M.B., B.S. - - -	1946
Shearer, Harvey Albert, B.A. - - -	1936	Slade, Kathleen Nellie, B.A. - - -	1942
Shedley, Alfred Charles, B.Sc. - - -	1919	†Slarks, Geoffrey Herbert, B.E. - - -	1954
†Sheedy, Redmond Stuart Parnell, M.B., B.S. - - -	1952	†Slater, Allan, B.E. - - -	1953
Shellshear, Joseph Lexden, M.S. (Sydney, Ch.M., 1907) - - -	1926	†Slattery, Francis James, B.E. - - -	1952
Shepherd, Stanley Maxwell, B.Sc. - - -	1948	†Slattery, Mary, B.A. - - -	1931
Shepherd, David Wickham, M.B., B.S.	1938	†Slaughter, Colin Sidney, B.E. - - -	1954
Shepherd, Elizabeth Miriam, B.A. - - -	1947	Slee, Dugald Haughton, B.Sc. - - -	1930
Shepherd, Geoffrey Lincoln, LL.B. - - -	1930	B.A. - - -	1932
Shepherd, John Alfred, B.A. - - -	1929	Slee, Ian Bruce, B.A. - - -	1950
Shepherd, John Henry, B.A. - - -	1935	Sleeman, James Garnet, M.D. (M.B., B.S., Melbourne, 1915) - - -	1927
M.Sc. - - -	1947	Sleeman, William John, M.B., B.S. - - -	1947
†Shepherd, Reginald George, B.Sc. - - -	1953	Sloman, Arthur Raymond, B.Sc. - - -	1937
Shepley, Arthur Raymond, B.Sc. - - -	1923	Smale, Thomas Charles, B.A. - - -	1950
B.E. - - -	1924	†Smallcombe, Roy Frederick, B.A. - - -	1953
†Shepley, Estelle Ann, B.Sc. - - -	1953	Smart, John Jamieson Carswell, M.A. (Glasgow, 1946) - - -	1951
Shepley, Leslie Herbert Hamilton, LL.B. - - -	1909	Smart, Lawrence Maxwell, B.D.S. - - -	1950
Sheppard, Mark Yeatman, M.B., B.S.	1942	†Smeaton, Bronte, M.B., B.S. - - -	1896
Sheppard, Robert Alexander William, B.Sc. - - -	1942	*Smeaton, Bronte Creagh, M.B., B.S. - - -	1928
Shield, Judith Adelaide, B.A. - - -	1948	†Smeaton, John Anthony, B.E. - - -	1939
Shierlaw, Howard Alison, LL.B. - - -	1902	Smerdon, David Rutherford, B.D.S. - - -	1951
Shierlaw, Norman Craig, B.E. - - -	1949	†Smerdon, John Rutherford, B.D.S. - - -	1946
Shinkfield, Cecil Charles, M.A. (Cambridge, 1930) - - -	1953	†Smibert, George James, M.B., B.S. - - -	1954
Shinkfield, Marian Ruth, B.A. - - -	1949	Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904) - - -	1934
†Shinkfield, Roger John, B.E. - - -	1954	Smith, Adrian Milton, B.Ec. - - -	1949
Shipway, Graham Stuart, M.B., B.S. - - -	1916	Smith, Alfred Earle, LL.B. - - -	1937
Shirpurkar, Gajanan Ramchandra, M.Sc.	1949	Smith, Alick Hardy, B.A. - - -	1948
Shoebriidge, Ivan, LL.B. - - -	1929	Smith, Aloysius Daly Virgilius, M.B., B.S. - - -	1928
Short, David Weddell, M.B., B.S. - - -	1940	Smith, Annie Ethel, B.A. - - -	1935
Short, Kerwin Alfred Robert, B.E. - - -	1927	Smith, Brian Arnold, B.E. - - -	1940
Short (nee Stephens), Lillian Mary Theakstone, M.A. - - -	1938	Smith, Brian Hartley, B.E. - - -	1950
Shortridge, Dennis Thorman, M.B., B.S.	1938	Smith, Cairns William Villeneuve, LL.B. - - -	1951
Shrowder, Ronald Louis, B.A. - - -	1940	Smith, Cecil Teesdale, M.A. - - -	1945
†Shub, Samuel, M.B., B.S. - - -	1953	Smith, Cedric Alfred Neal, B.Ag.Sc. - - -	1933
Shuter, Richard Ernest, M.B. (Melbourne, 1891) - - -	1895	Smith, Daisy Maude, B.A. - - -	1922
Sibly, Pamela Maslin, M.Sc. - - -	1950	Smith, David Carswell, B.A. - - -	1951
Sibthorpe, Gwenyth, M.B., B.S. - - -	1946	Smith, David Floyd, B.Ag.Sc. - - -	1951
Sieber, Clarence Bertram, B.E. - - -	1926	†Smith, David Gordon Law, M.B., B.S. - - -	1953
		Smith, David Nichol, D.Litt. (Camb.) - - -	1951
		Smith (nee Gardner), Edith Josephine Viner, B.A. - - -	1906
		Smith, Edward Mackie, B.E. - - -	1939
		Smith, Edward Rowland, B.Sc. - - -	1942

\* Deceased.

† Not yet Members of the Senate.

Smith, Ewart Austral, M.B., B.S.	1951	Souter, John Francis, M.B. (Aberdeen, 1889)	1897
Smith, Frank Berry, D.Sc.	1937	Souter, Robert John de Neufville, M.B., B.S.	1923
Smith, Gavin Viner, M.B., B.S.	1937	South, Ronald Robert, B.D.S.	1951
Smith, Gordon Wearing, M.B., B.S.	1925	Southcott, Jean Wauchope, B.A.	1931
Smith, Harold Reid, LL.B.	1939	Southcott, Ronald Vernon, M.B., B.S.	1941
Smith, Ian Darian, M.B., B.S.	1951	†Southcott, Rosemary Enid, B.Sc.	1954
Smith, Iris Eileen, B.A.	1930	Southwood, Albert Ray, M.D. (M.B., B.S., 1916)	1920
†Smith, Ivan Ford, B.A.	1953	M.S.	1925
Smith, Jack Edwin, B.Sc.	1934	Southwood, Harry Milton, B.Sc.	1936
Smith, James Clyde, B.E.	1938	M.D. (M.B., B.S., 1932)	1943
Smith, James Wearing, B.E.	1924	*Spargo, Stanley Carr, B.A.	1931
Smith, Joan Frances, B.A.	1948	Spark, Mavis Constance, B.A.	1947
Smith, John Bertrand, B.Sc.	1943	Sparrow, Lorna Discombe, M.A.	1934
*Smith, John Edgar, B.Sc. (Victoria, 1901)	1919	B.Ec.	1941
Smith, John Fife, B.A.	1929	Sparrow, Maxwell Elliott, B.E.	1934
Smith, John Jeffreys, LL.B.	1932	Specht, Raymond Louis, Ph.D.	1954
†Smith, John Wasley, M.B., B.S.	1953	Speirs, William McMillan, B.A.	1949
†Smith, John Wilton, B.Sc.	1952	Spencer, Donald, Ph.D.	1953
†Smith, Keith, LL.B.	1953	Spencer, Leslie Brian, B.Sc.	1951
Smith, Keith Kenneth Masefield, B.A.	1942	Spoooner, Edgar Clynton Ross, D.Sc. (Tas., 1946)	1949
Smith, Keith Viner, M.B., B.S.	1939	Sprigg, Patricia Amy, B.A.	1943
*Smith, Kenneth William Algernon, B.Sc.	1923	Sprigg, Reginald Claude, M.Sc.	1944
Smith, Kenneth Wilmot Vernon, B.E.	1937	Sprod, Thomas Daniel, B.A.	1951
Smith, Louis Campbell, B.Ag.Sc.	1951	Spruhan, Bridget Catherine, B.A.	1933
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered for B.E., 1914)	1914	Spry, Alan Herbert, M.Sc.	1951
†Smith, Lynden Rae Forbes-, M.B., B.S.	1953	Spurling, Milton Bernard, M.Ag.Sc.	1953
Smith, Mary, M.A.	1932	Spurr, Robert Thomas, B.Sc.	1948
Smith, Mary Theresa, B.A.	1935	Spurway, John Horton, M.B., B.S.	1951
Smith, Maxwell Herbert, B.Sc.	1940	†Sreenevasan, Gopal Ayer, M.B., B.S.	1952
Smith, Melva Estelle, B.A.	1942	Stace, Hubert Charles Thomas, B.Sc.	1941
Smith, Mervyn Keith, M.B., B.S.	1944	Stace, John Hamilton, M.B., B.S.	1943
†Smith, Murray George, B.E.	1954	Stacy, John Michael Sholto, B.E.	1951
†Smith, Pamela Darien, B.A.	1954	Stain, Maxwell Wright, B.D.S.	1944
†Smith, Peter Brian, M.B., B.S.	1954	Stalley, Douglas John, B.Ec.	1947
Smith, Primrose Mary Viner, B.A.	1940	Stam, Robert Edward, M.B., B.S.	1949
Smith, Raydon Berry, B.E.	1917	†Stanbury, Dennis George, M.B., B.S.	1954
Smith, Raymond Thomas, B.Sc.	1932	Stanley, Allen David, B.E.	1949
Smith, Richard Miln, B.Sc.	1948	†Stanley, Brian Charles, LL.B.	1953
*Smith, Robert James Brazil, B.D.S.	1921	Stanley, Laurence John, LL.B.	1925
Smith, Ronald Norman, B.E.	1933	Stanley, Neville Fenton, D.Sc.	1954
†Smith, Rayner Whitmore, M.B., B.S.	1953	Stanton, Robert Anthony, B.D.S.	1950
Smith, Sheila Isabel Wesley, B.A.	1944	Stapledon, David Hiley, B.Sc.	1951
Smith, Sidney William, B.E.	1937	Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1949
Smith, Stuart Meldrum, B.A.	1949	†Stark, Alan Edmund, B.A.	1954
Smith, Vera Lisnagore, B.A.	1934	Statton, Arthur Knight, B.Sc.	1922
Smith, Walter Leonard, M.B., B.S.	1914	Statton, Josiah William, B.Sc.	1921
Smith, William Irving Berry, B.Sc.	1940	Statton, Keith Jeffery, M.B., B.S.	1944
Smyth, Isabel Agnes Ekin, B.A.	1905	Staude, Clarence Herman, B.A.	1947
Snewin, Gwendoline Marjorie Jean, B.A.	1925	Stead, Sydney Arnold, B.Sc.	1933
Snewin, John Arthur, LL.B.	1951	Steele, David Macdonald, M.B., B.S.	1909
Snow, Richard Adrian Wilfrid, B.D.S.	1940	Steele, Donald Macdonald, M.B., B.S.	1919
Snow, Wilfred Rippon, B.E.	1914	Steele, Ian Macdonald, M.B., B.S.	1948
Soar, Dudley Thomas, B.Ec.	1951	†Steele, John Kevin, B.Ec.	1954
Sobey, Iris Beatrice, B.A.	1944	Steele, Kenneth Nugent, M.B., B.S.	1914
Sobey, Reginald Roberts, M.B., B.S.	1942	Steele, Laurence Russell, B.E.	1940
Sollas, William Johnston, D.Sc. (Cambridge)	1914	†Steele, Robert Ernest, M.B., B.S.	1952
†Solly, Janet Elizabeth, M.B., B.S.	1952	Steele, Robert Thornborough, M.B., B.S.	1942
Solly, William Warburton, B.Sc.	1948	Steele (nee Morris), Shirley Victoria, LL.B.	1933
Solomon, George Herbert, M.B., B.S.	1927	Stephens, Charles Francis, B.Sc.	1897
Solomon, Helen Ethel, LL.B.	1935	Stephens, Charles George, D.Sc.	1950
*Solomon, Isaac Herbert, B.A.	1895	Stephens, Ella Mary, B.A.	1915
LL.B.	1898	Stephens, Eric Goyne, B.Sc.	1912
Solomon, Judah Moss, B.A.	1888	†Stephens, John Felton, B.Sc.	1953
LL.B.	1891	Stephens, Richard Clarence, B.D.S.	1951
Solomon, Susan Selina, B.Sc.	1890	Stephens, Sylvester Kevin, B.E.	1951
Solomons, Barnet, M.B., B.S.	1922	Stephenson, James Lewis, B.Ec.	1944
Somerset, Forbes Mitchell, B.E.	1941	†Stephenson, John Roy Becket, B.A.	1952
Somerville, Archibald Shierlaw Ralph, LL.B.	1922	Stephenson, Leonard Allenby, B.Sc. (Eng.)	1943
†Somerville, Christopher Malcolm, B.D.S.	1952	Stephenson, Thomas Howard, B.E.	1933
Somerville, Dorothy Christine, B.A.	1918	Steven, Walter Edward, M.B., B.S.	1920
LL.B.	1921	Stevens, Aubrey Clement, M.A.	1923
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered for B.E., 1919)	1919	Stevens, Edgar Loveday, LL.B.	1919
Somerville, Sesca Lewin, B.A.	1916	Stevens, John Alfred Fortington, B.D.S.	1948
Sorrell, Margaret Walter, B.A.	1925	†Stevens, Richard Barrymore, B.E.	1952
Soukup, Dorothy Mavis, M.B., B.S.	1951		
Souter, Douglas Todd, M.B., B.S.	1949		

\* Deceased.

† Not yet Members of the Senate.

Stevens, Robert Peter (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - - - -	1945	Suter, Alfred Charles, B.Sc. (Liverpool, 1910) - - - - -	1912
†Stevens, William Edward, B.E. - - - -	1952	Sutherland, Hamilton D'Arcy, M.S. (M.B., B.S., 1937) - - - - -	1944
Stevenson, Arthur James, B.E. - - - -	1937	Sutton, David John, Ph.D. - - - - -	1954
Stevenson, Donald George, M.Sc. - - - -	1952	†Sutton, Laura Margaret, B.A. - - - -	1953
Stevenson, Frances Aimee, B.A. (Tasmania, 1923) - - - - -	1926	Swaine, Cyril David, M.B., B.S. - - - -	1942
Steward, Harold Dunning, M.B., B.S. - - - -	1951	Swan, Alan Keith, B.A. - - - - -	1943
Stewart, Alastair Keith McKellar, M.B., B.S. - - - - -	1951	Swan, Charles Spencer, M.D. (M.B., B.S., 1935) - - - - -	1941
Stewart, Colin Gore, B.A. - - - - -	1914	D.Sc. - - - - -	1947
†Stewart, Donald Peter Sinclair, B.Ec. - - - -	1952	Swan, Duncan Campbell, M.Sc. (B.Sc., W.Aus.) - - - - -	1935
Stewart, Edgar Douglas James, B.E. - - - -	1947	Swan, Hilda Mary, B.A. - - - - -	1940
†Stewart, Henry William James, B.E. - - - -	1952	*Swan, John Brian, B.A. - - - - -	1943
Stewart, John Innes Mackintosh, M.A. (Oxford, 1935) - - - - -	1935	*Swan, Warren Alexander, B.A. - - - -	1905
°Stewart, John McKellar, M.A. (D.Phil., Edinburgh, 1911) - - - - -	1923	Swann, Eric John, M.B., B.S. - - - -	1924
Stewart, John Samuel, M.B., B.S. - - - -	1939	Swann, Mary Caroline, B.Sc. - - - -	1951
Stewart, John Stewart McKellar, M.B., B.S. - - - - -	1942	Swanson, Albert Frederick Daniel, B.A. - - - - -	1940
Stewart, Margaret McKellar, B.A. - - - -	1937	Swanson, Thomas Baikie, M.Sc. - - - -	1936
Stewart, Vernon Allan Fergusson, M.B., B.S. - - - - -	1939	Swayne, Joseph, B.A. (National, Ireland, 1915) - - - - -	1921
Stidston, Matthew Alfred Clement, B.Sc. - - - - -	1936	†Sweatman, Thomas Rex, B.Sc. - - - -	1954
Stoate, Theodore Norman, D.Sc. - - - -	1953	Sweeney, Gordon, B.E. - - - - -	1924
*Stoble, James Cyril, M.E. - - - - -	1932	Sweeney, James Gladstone, M.B., B.S. - - - -	1915
†Stobie, Peter James, M.B., B.S. - - - -	1952	Sweeney, John Gladstone, M.B., B.S. - - - -	1951
Stockbridge, Edgar Lambert, B.E. - - - -	1924	Sweeney, Mary Ryan, B.A. - - - - -	1932
†Stockbridge, John Keith, M.B., B.S. - - - -	1953	†Sweeney, Robert James, M.B., B.S. - - - -	1953
†Stockley, Henry William, M.B., B.S. - - - -	1954	Sweeney, Murray Frank, B.E. - - - -	1950
†Stodart, Barbara Joan, B.A. - - - - -	1953	Sweetapple, George Frederick, B.Sc. - - - -	1945
Stodart, Donald McLean, B.E. - - - -	1951	Swift, Sir Brian Herbert, M.B., B.S. (Cambridge, 1916) - - - - -	1920
Stoddart, Harold William Downing, M.B., B.S. - - - - -	1911	M.D. (Cambridge, 1936) - - - - -	1936
Stokes, Anne, B.Sc. - - - - -	1943	Swift, Harry Houghton, B.E. - - - -	1915
Stokes, John, M.A. - - - - -	1948	Swift, Vera May, B.A. - - - - -	1935
Stokes, John Barrymore, M.B., B.S. - - - -	1951	†Swiggs, Francis, M.B., B.S. - - - -	1954
Stokes, John Lewis, M.B., B.S. - - - -	1941	†Symes, William David, M.B., B.S. - - - -	1952
Stokes, Judith, B.A. - - - - -	1947	Symon, Charles James Ballaarat, M.A. (Oxford, 1919) - - - - -	1932
Stokes, Laura Joan Hartley, B.Sc. - - - -	1949	Symon, David Eric, B.Ag.Sc. - - - - -	1950
Stolz, Kate Sophie, B.A. - - - - -	1909	Symonds, Edwin Joseph Truman, B.E. - - - -	1926
Stolz, Geoffrey Ernest, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - -	1949	Symonds, George Burnett Lionel, B.E. - - - -	1919
Storch, Wilhelm Murray, B.A. - - - - -	1938	Symonds, John Lloyd, B.Sc. - - - - -	1944
†Storer, Gerald Burdon, B.Sc. - - - - -	1952	Symonds, Ruth Caust, B.A. - - - - -	1950
Storer, Laurel Jean, B.A. - - - - -	1937	Symonds, Wybert Milton Caust, B.Sc. - - - -	1925
Story, Gordon Malcolm, B.E. - - - - -	1950	Symons, Clifford Thomas, M.A. - - - -	1936
†Stoutjesdijk, Albert Diederik Johan, M.B., B.S. - - - - -	1953	Symons, Edgar John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - -	1948
Strachan, James Charles Power, M.B., B.S. - - - - -	1914	Symons, Eric Lindsay, M.B., B.S. - - - -	1917
*Strahan, Anthony William, B.A. - - - -	1934	Symons, Frederick William, B.E. - - - -	1926
Strange, Audrey Mavis, B.A. - - - - -	1944	Symons, Jack Gilroy, B.E. - - - - -	1936
Strange, Malcolm Leslie, M.A. - - - - -	1951	Symons, Lloyd Alfred Grigg, B.A. - - - -	1928
Stratmann, Paul Franz, M.B., B.S. - - - -	1933	Symons, Reginald Albert, LL.B. - - - -	1927
Strawbridge, Albert Gordon, B.A. - - - -	1951		
Strehlow, Theodor Georg Heinrich, M.A. - - - - -	1938	T	
Streich, Carl Ivo, M.B., B.S. - - - - -	1919	Taeuber, Robert Lindsay, B.Sc. - - - -	1951
†Strempel, Allan Arthur, B.E. - - - - -	1952	Tait, Robert William Francis, Ph.D. (Birmingham, 1943) - - - - -	1954
Stribling, Edwin John, M.A. - - - - -	1925	Tamblyn, Eric Joseph, M.B., B.S. - - - -	1936
Stribling, Ada Florence, B.A. - - - - -	1925	Tanko, Robert Seymour, B.D.S. - - - -	1951
Stuart, Noel Harry, B.Sc., B.E. - - - -	1928	Tanner, Garnet Albert, B.E. - - - - -	1932
†Stubber, Leo Anthony, M.B., B.S. - - - -	1953	Tanner, George Pelham, B.A. (Oxford, 1908) - - - - -	1912
†Stuckey, Edward Joseph, B.Sc. - - - -	1895	†Tansell, Robert Cameron, B.E. - - - -	1952
M.B., B.S. - - - - -	1903	Tapp, Adrian Lynda, B.A. - - - - -	1928
Stuckey, Francis Seavington, B.Sc. - - - -	1896	Tapp, William Felton, B.E. - - - - -	1950
*Stuckey, Rupert Bramwell, LL.B. - - - -	1898	Tardrew, Philip Leslie, B.Sc. - - - -	1945
Sturme, Stanley George, M.Ec. - - - -	1953	Tassie, Gemmel, M.B., B.S. - - - -	1926
Sudholz, Herbert Frederick, B.D.S. - - - -	1930	Tassie, Jean Reid, B.A. - - - - -	1914
Sugg, Bentham Horace, B.A. - - - - -	1934	Tassie, Joyce Gemmel, B.Sc. - - - -	1940
Sullivan, Margaret Rendle, B.A. - - - -	1943	Tassie, Leslie Gemmel, M.B., B.S. - - - -	1912
Sullivan, Maxwell Douglas, B.Ec. - - - -	1951	Tassie, Robert Wilson, B.E. (B.Sc., 1907, surrendered for B.E., 1918) - - - -	1918
Sullivan, Phillip Grose, B.Sc. - - - - -	1942	Tattersall, Ila, B.A. - - - - -	1944
Summers, Frank Henry, B.Sc. - - - - -	1923	†Taylor, Brian Breslin, B.E. - - - - -	1952
†Sumner, Donald Ernest Wesley, M.B., B.S. - - - - -	1952	Taylor, Colin Stephen, B.E. - - - - -	1948
Sumner, Donald James Robert, M.B., B.S. - - - - -	1922	Taylor, Donald William, B.E. - - - - -	1931
Susman, Shirley Jean, B.Sc. - - - - -	1947	Taylor, Douglas McLeod, B.A. - - - -	1951
		Taylor, Geoffrey Hamlet, M.Sc. - - - -	1953
		Taylor, Herbert Richard, B.A. - - - -	1932
		†Taylor, Jennifer Ann, B.A. - - - -	1953

\* Deceased.

† Not yet Members of the Senate.



Taylor, John Kingsley, M.Ag.Sc. (M.S. California, 1923) - - - -	1954	Thomson, Sydney William, B.D.S. - -	1930
Taylor, Kevin Lyle, B.Sc. - - - -	1950	Thomson, Theodore Roderick, M.B., B.S. - - - -	1947
Taylor, Lindsay Bairstow, B.Sc. (Eng.)	1942	Thomson, Vera Audrey, B.A. - - - -	1947
Taylor, Michael Gleeson, M.B., B.S. -	1951	Thomson, William, B.A. - - - -	1936
Taylor, Reginald Morton, B.Sc. - - -	1951	Thornton, Digby Noel, M.B., B.S. - -	1951
Taylor, Robert Herbert George, B.D.S.	1929	Thornton, Gayfield Collins, M.B., B.S.	1943
Taylor, Robert John, LL.B. - - - -	1951	Threadgill, Bessie, B.A. - - - -	1929
Taylor, Trevor Roy, LL.B. - - - -	1932	Thredgold, Beatrice Marie, B.A. - -	1928
† Teasdale, Verner, M.B., B.S. - - - -	1954	Thrum, Edward Allen, B.Sc. - - - -	1921
† Teasdale-Smith, Malcolm, LL.B. - - -	1954	B.E. - - - -	1924
Tejwani, Khubo Gianchand, Ph.D. - - -	1952	Thrush, Harry Clifford, B.A. - - - -	1915
Telfer, Douglas Ivan, B.A. - - - -	1945	Thyer, Alexander Maitland, M.E. - -	1936
Templer, Jeffrey Norman, B.E. - - - -	1941	Thyer, Frederick Lewis, M.B., B.S. -	1923
Tennant, Maxine Rita, M.B., B.S. - - -	1951	Thyer, Robert Francis, B.Sc. - - - -	1932
Ternan, Verna Joyce, B.A. - - - -	1933	† Tideman, Arthur Frederick, B.Ag.Sc.	1953
Terrill, Frederick Edward, M.B., B.S.	1922	Tideman, Frederick William, B.E. - -	1925
Terrill, Samuel Ernest, B.Sc. - - - -	1927	Tidemann, Ernest Phillips, B.D.S. - -	1933
Tester, Donald Kenneth, B.Sc. - - - -	1951	Tiegs, Oscar Werner, D.Sc. (B.Sc., Queensland, 1919) - - - -	1922
Teusner, Berthold Herbert, LL.B. - - -	1931	Tilbrook, Jabez Percy Harold, M.A. - -	1926
Tew, John Hedley Brian, M.A. (Ph.D., Cambridge, 1940) - - - -	1947	Tilbrook, Norman Keith, B.E. - - - -	1949
Texler, Eva, M.B., B.S. - - - -	1942	† Tilbrook, Percival Montrose Torr, B.A.	1954
Texler, Karl Maria, M.B., B.S. - - - -	1942	Till, Maxwell Roy, B.Ag.Sc. - - - -	1949
Thiel, Colin Victor, B.Sc. - - - -	1949	† Tiller, Kevin George, B.Sc. - - - -	1953
Thiele, Colin Milton, B.A. - - - -	1941	Tiller, Kenneth Matthew John, B.Sc.	1949
† Thiele, James Barnabas, Mus.Bac. - - -	1952	Tilley, Cecil Edgar, B.Sc. - - - -	1914
Thiersch, Johannes Bernhard, M.D. (Freiburg, 1935) - - - -	1938	Timcke, Edward Waldemar, B.A. - - -	1920
Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Tindale, Beryl Rae, B.A. - - - -	1948
Thomas, Alfred John Thornley, M.B., B.S. - - - -	1949	Tindale, Norman Barnett, B.Sc. - - -	1932
Thomas, Arthur Nutter, M.A. (Cambridge, 1895) - - - -	1906	† Tipping, Richard Michael, M.B., B.S. -	1953
Thomas, Arthur Robin, B.E. - - - -	1936	Tiver, Newton Stanley, M.Sc. - - - -	1947
Thomas, Brian Gordon, M.B., B.S. - - -	1947	Tiver, Ronald Wayland, B.D.S. - - -	1943
Thomas, David Austin Grenfell, LL.B.	1931	† Tolcher, Vernon Arthur, B.E. - - - -	1953
Thomas, David John Saint, B.E. - - - -	1932	Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
* Thomas, Edward Brooke, M.B., B.S. - -	1911	Tomlinson, Betty Mary, B.A. - - - -	1939
Thomas, Harold Davey, B.E. - - - -	1935	Tomlinson, William Frederick, M.B., B.S. - - - -	1939
Thomas, Ifor Morris, M.Sc. (Cardiff, 1933) - - - -	1949	Tonkin, Aubrey Douglas, M.B., B.S. - -	1951
Thomas, Jack, B.Sc. - - - -	1934	† Tonkin, David Oliver, M.B., B.S. - - -	1953
Thomas, Jeffery Josiah, B.Sc. (Eng.) - -	1945	† Tonkin, Donald Geoffrey, B.E. - - - -	1953
Thomas, John Angas, B.Sc. - - - -	1948	Tonkin, Mary Elizabeth, B.A. - - - -	1944
Thomas, Joyce Amy, B.Sc. - - - -	1949	Tonkin, Raymond George, M.B., B.S.	1937
† Thomas, Kenneth Donald, B.A. - - - -	1953	Tonkin, William Richards, M.B., B.S.	1921
† Thomas, Kenneth Hewitson, B.Ec. - - -	1953	Tooze, Mervyn John, B.Sc. - - - -	1947
Thomas, Margaret Helen, B.A. - - - -	1934	Topliss, John George, M.B., B.S. - -	1950
Thomas, Marjorie Phyllis Casley, M.B., B.S. - - - -	1927	Topperwien, Irwin, M.A. - - - -	1924
Thomas, Milton, B.Sc. - - - -	1950	B.Sc. - - - -	1925
Thomas, Richard Grenfell, B.Sc. - - - -	1924	Torr, Shirley Constance, B.A. - - - -	1944
Thomas, Trevor Wilson, B.A. - - - -	1939	† Torr, Thomas Harold, M.B., B.S. - - -	1953
Thomas, Walter Warren, B.E. - - - -	1951	Tostevin, Alfred Ladyman, M.B., B.S.	1923
† Thomas, Wesley James, B.Sc. - - - -	1952	† Tostevin, Graham Mark, B.E. - - - -	1953
Thomas, William Lancelot, B.A. - - - -	1925	† Tohill, Judith Windebank, B.A. - - -	1953
Thompson, Aileen Joyce, B.Sc. - - - -	1950	† Toussaint, Rose Evangeline, M.B., B.S.	1953
Thompson, Alexander McQueen, M.B., B.S. - - - -	1937	Townsend, Herbert Louis, B.A. - - - -	1941
Thompson, Douglas Norman, B.Sc. - - -	1949	Traeger, Keith Terence, B.A. - - - -	1949
Thompson, Frederick Verner, B.Sc. (Eng.) - - - -	1948	Tratman, Frank, M.D. (London, 1892)	1899
Thompson, Jean Fleming, B.A. - - - -	1928	† Traub, Max, M.B., B.S. - - - -	1952
Thompson, Jessie Mildred, B.A. - - - -	1939	† Trauer, Robert, M.B., B.S. - - - -	1952
Thompson, John Robert, M.B., B.S. - - -	1938	Travers, John Leo, LL.B. - - - -	1920
Thompson, John Ronald, B.D.S. - - - -	1941	Treasure, Eunice Jessie, B.A. - - - -	1944
Thompson, Leonard Arthur, B.D.S. - - - -	1950	Treasure, Valda Beth, B.A. - - - -	1951
† Thompson, Malcolm James, B.Sc. - - - -	1953	† Trebilcock, John Bungey, M.B., B.S. -	1953
† Thompson, Maxwell Andrew, B.E. - - - -	1952	Tregenza, Alan Arthur, B.A. - - - -	1949
† Thompson, Noel, B.Sc. - - - -	1954	† Tregenza, John Miller, B.A. - - - -	1953
Thompson, Rex Palmerstone, B.S. - - - -	1948	Tregenza, Sydney Lloyd, B.A. - - - -	1923
Thompson, Thomas Alexander, B.Sc. - - -	1896	Tregonning, Alexander Gillespie Anthony, M.B., B.S. - - - -	1951
Thomson, Arthur Melville, B.Sc. - - - -	1936	Tregonning, Donald John Kennedy, M.B., B.S. - - - -	1949
Thomson, Bruce James, B.Sc. - - - -	1950	Tregonning, Kennedy Gordon Philip, B.A. - - - -	1950
Thomson, Cedric Jeffrey, LL.B. - - - -	1951	Treleaven, Walter, B.Sc. - - - -	1893
Thomson, Joanna Eristoun, B.A. - - - -	1948	Treloar, Albert Edward Coran, LL.B.	1927
Thomson, Keith Westhead, Ph.D. (Washington, 1953) - - - -	1954	† Treloar, Francis Edward, B.Sc. - - - -	1954
Thomson, Lindsay Donald, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	† Treloar, John Harvey, B.E. - - - -	1954
Thomson, Linda Lovibond, B.D.S. - - - -	1926	Treloar, Hugh Kingsley, LL.B. - - - -	1951
		Tremain, Allen Maurice, B.Sc. - - - -	1943
		Trembath, Frank Everard, M.B., B.S.	1944
		Trenerry, Roger, B.E. - - - -	1948
		† Trenorden, Ailsa Gwynne, B.Sc. - - - -	1952
		Trenorden, Glenwynne Eva, B.A. - - -	1934
		Trenorden, James Henry, B.A. - - - -	1945

† Not yet Members of the Senate.

Trestrail, Hugh Alexander, B.E. - - -	1937	Vaughan, John Howard, LL.B. - - -	1900
Trethewie, Everton Rowe, M.D. (Melb., 1939) - - -	1944	Vawser, John Alfred, B.E. - - -	1926
Triggs, Kathleen Dorothy, B.A. - - -	1945	†Vawser, Keith Derwent, B.E. - - -	1954
Trimmer, Ray Brian, B.E. - - -	1949	Vawser, Nevin Stuart, B.E. - - -	1948
Trist, Alan Roberts, B.Sc. - - -	1926	Vawser, Noel Keith, B.Ec. - - -	1944
Trott, Arthur Keith, B.D.S. - - -	1939	Vawser, Paul Frederick, B.D.S. - - -	1950
Trott, Dudley William, B.D.S. - - -	1939	Veitch, Lindsay Garfield, B.Sc. - - -	1949
Trott, John Richard, B.D.S. - - -	1950	Venner, Barton Frederick, M.B., B.S. - - -	1946
Trott, Lyndon Rodney Eyre, B.E. - - -	1950	Verco, Claude Maythorn, B.A. - - -	1915
Trotter, Frederick Lionel, B.D.S. - - -	1941	Verco, Clement Armour, M.B., Ch.M. (Sydney, 1901) - - -	1902
Trudinger, Anna, B.A. - - -	1892	Verco, Geoffrey Webb, M.B., B.S. - - -	1937
Trudinger, Clara, B.Sc. - - -	1908	Verco, Joseph Stanley, M.B., B.S. - - -	1913
Trudinger, Malcolm August, M.B., B.S. - - -	1927	Verco, Luke Everard, M.B., B.S. - - -	1940
Trudinger, Martin, B.A. - - -	1912	Verco, Peter Willis, M.D. (M.B., B.S., 1942) - - -	1949
Trudinger, Philip Alan, B.Sc. - - -	1948	Verco, Ronald Lister, M.B., B.S. - - -	1928
Trudinger, Ronald, B.Sc. - - -	1905	Verrall, Raymond Wilfred, B.A. - - -	1937
M.B., B.S. - - -	1909	Verrall, Roswell Victor, B.E. - - -	1947
Trudinger, Ronald Martin, B.A. - - -	1943	Vickery, Frederick Arthur, M.A. - - -	1931
Trudinger, Walter, B.A. - - -	1892	†Vickery, Margaret, B.A. - - -	1952
Trumble, Hugh Christian, D.Sc. (M.Ag.Sc., Melbourne, 1927) - - -	1937	Vincent, David James, B.D.S. - - -	1949
Trumble, Hugh Peter Christian, B.Ag.Sc. - - -	1949	Vincent, Francis William, B.E. - - -	1950
Tuck, Bernard Edward Charles, B.A. - - -	1922	Vivian, Arthur Brian, M.B., B.S. - - -	1950
Tuck, Bernard Geoffrey, LL.B. - - -	1933	†Vogt, Brian Joseph, B.E. - - -	1953
Tuck, Gilbert Playford, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947	Vogt, Ronald Walter, B.Sc. (Eng.) - - -	1947
Tuck, Harry Playford, B.Sc. - - -	1915	Von der Borch, Rudolph Hermann, M.B., B.S. - - -	1926
M.E. - - -	1943	Von Luschan, Felix, D.Sc. (Ph.D., Munich, 1889) - - -	1914
Tuck, Raymond Allen, B.Sc. - - -	1939	Vowels, Rex Eugene, M.E. - - -	1939
Tucker, Bruce Mollet, B.Sc. - - -	1941		
Tucker, Harold Norman, LL.D. (D.C.L., Oxford, 1946) - - -	1947	W	
Tucker, Howard Erskine, LL.B. - - -	1920	Wache, Ethel Mabel, B.A. - - -	1939
Tuckwell, Eric Clavering, B.A. - - -	1940	†Waddy, Brian Cadwallader, M.B., B.S. - - -	1952
*Tuckwell, Ernest Sinclair, B.A. - - -	1948	Waddy, John Lane, M.B., B.S. - - -	1948
Tuckwell, Kenelm Sinclair, B.A. - - -	1930	Wade, Mary Julia, B.Sc. - - -	1951
†Turnbridge, Peter Brett, M.B., B.S. - - -	1953	Wadham, Elizabeth Jean, M.A. - - -	1954
Turnbull, Gordon McLeod, M.B., B.S. - - -	1937	Wagner, Barbara Joan, B.D.S. - - -	1942
†Turner, Arthur Noel, M.B., B.S. - - -	1952	Wagner, Franz William, B.Sc. - - -	1928
Turner, Betty Gretton, B.Sc. - - -	1937	Wahlquist, Eric Gilbert, B.A. - - -	1951
Turner, Charles Trevor, M.B., B.S. - - -	1914	Wainwright, Charles Leonard, B.Sc. - - -	1900
Turner, Constance Mary, B.A. - - -	1951	Wait, Marthe Lucy, M.A. - - -	1922
Turner, Donald Lionel, B.Sc. - - -	1947	Wait, Yvonne Lois, M.A. - - -	1932
Turner, Edward Robert, B.E. - - -	1932	Waite, Jack Francis Enos, B.A. - - -	1936
Turner, Emily Marian, B.Sc. - - -	1930	Wake, Roderick Barry, B.E. - - -	1951
Turner, Frederic Boyd, M.B., B.S. - - -	1933	Wakeford, Sidney Claud, B.A. - - -	1937
Turner, Helena Gladys, B.Sc. - - -	1940	Waldeck, Reginald David Chapple, B.A. - - -	1950
†Turner, Keven James, B.Sc. - - -	1952	Wale, William Henry, Mus.Bac. (Oxford, 1874) - - -	1896
†Turner, Nancy Gretton, B.A. - - -	1937	Walker, Alexander John Kerry, B.Ag.Sc. - - -	1939
†Turner, Tennyson, LL.B. - - -	1952	Walker, Christina Annie, LL.B. - - -	1935
B.A. - - -	1954	Walker, Daniel, B.Sc. - - -	1887
Twartz, Arnold Frederick, B.Sc. - - -	1936	Walker, Ellen Lawson, B.Sc. - - -	1899
Twelftree, Clifford Croft, B.A. - - -	1938	*Walker, Frances Sophia, Mus.Bac. - - -	1908
†Twapeny, John Richard Nowell, B.E. - - -	1952	Walker, Gilbert John, B.A. - - -	1940
Tyas, Margaret Elizabeth, B.Sc. (London, 1905) - - -	1905	†Walker, Gordon Harold, B.E. - - -	1952
Tyler, Donald Henry, B.E. - - -	1947	†Walker, Ian Saville, B.Sc. - - -	1952
Tymons, Clement James, B.D.S. - - -	1945	Walker, Jane Elizabeth, B.A. (Wales) - - -	1908
†Tymons, Frances Teresa, M.B., B.S. - - -	1953	Walker, John Adrian Mozar, M.B., B.S. - - -	1951
Tyson, Angus Gordon, M.Sc. - - -	1954	Walker, John Schomburgk, B.Sc. - - -	1926
		Walker, Mildred, B.A. - - -	1928
U		†Walker, Reginald Jeffrey, M.B., B.S. - - -	1952
†Underdown, Reginald Edward, B.Sc. - - -	1952	Walkington, Harvey Mawbey, B.E. - - -	1937
†Ungar, Emeric Imre, M.B., B.S. - - -	1952	Walkley, Allan, B.Sc. - - -	1927
Upton, Alethea Mary, Mus.Bac. - - -	1941	Walkley, Gavin, B.E. - - -	1934
Upton, William Carrick Tunk, M.B., B.S. (M.B., Ch.M., Sydney, 1919) - - -	1935	M.A. (Cambridge, 1942) - - -	1949
†Urban, Ernest, B.E. - - -	1952	Walkley, Joan Eileen, M.Sc. (B.Sc., London) - - -	1949
Urban, Friedrich, M.B., B.S. - - -	1942	Wall, Barbara Deane, M.A. - - -	1950
Urban, Regina, B.D.S. - - -	1942	Wall, Frederick Lawrence, M.B., B.S. - - -	1914
Ure, Constance Douglas, B.Sc. - - -	1930	Wall, Gordon Elliott, B.Sc. - - -	1947
Ure, Gwendolen Helen, LL.B. - - -	1923	Wall, Margaret Esther, B.Sc. - - -	1951
Urwin, Jack Robson, Ph.D. - - -	1954	Wallace, Donald, B.A. - - -	1939
Usher, Emilie Pauline, B.A. - - -	1950	Wallace, Frank Kenneth, M.B., B.S. - - -	1934
		Wallace, Sir Robert Strachan, M.A. (Oxford) - - -	1926
V		Wallman, Ian Stuart, M.B., B.S. - - -	1947
Van Abbe, Derek Maurice, Ph.D. (Melbourne, 1952) - - -	1953	Wallman, James Douglas Robson, M.B., B.S. - - -	1951
Van Senden, Raymond Redvers, B.E. - - -	1924	Wallman, Leigh Stuart, M.B., B.S. - - -	1940
Vance, Christina Elizabeth, B.Sc. - - -	1935	Wallman, Neil Stuart, M.B., B.S. - - -	1944
Vanstone, Bartley James, B.D.S. - - -	1946		
Vaudrey, Mary, B.A. - - -	1933		

\* Deceased.

† Not yet Members of the Senate.

Wallman, Nugent Horton, LL.B. - - - -	1937	Wattchow, Colin Edward, B.A. - - - -	1949
Wallman, Rex Horton, B.D.S. - - - -	1951	Watts, Edith Isabel, B.A. - - - -	1935
Wallman, Richard John Robson, M.B., B.S. - - - - - - - - - -	1951	Watts, Ruth Emily, B.A. - - - -	1949
Wallmann, Douglas Robson, M.B., B.S.	1918	Watts, John Clyde, B.Sc. - - - -	1940
Wallmann, Reginald Horton, LL.B. -	1907	Wauchope, Diana D'Este, B.Sc. - -	1949
† Walmsley, Norman Stuart, B.D.S. -	1952	Wauchope, Diosma Marie, B.A. - -	1923
† Walmsley, Robert Leitch Eric, M.B., B.S. - - - - - - - - - -	1920	Wauchope, Frederick John, B.Sc. - -	1930
Walsh, Brian Richard, M.B., B.S. - -	1950	Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918) - - - -	1924
Walsh, Dorothy Counley, B.A. - - - -	1921	Wauchope, Mavis Lorelie, M.A. - -	1936
Walsh, Esmond Thomas, M.B., B.S. -	1926	Waugh, William McDonald, B.A. - -	1951
Walsh, Frances Mary, B.A. - - - -	1931	Way, Leslie Edward, B.Sc. - - - -	1949
Walsh, Kevin Gerald, LL.B. - - - -	1932	Way, Neville James, M.B., B.S. - -	1948
Walsh, Margaret Mary, B.A. - - - -	1951	† Way, Thomas Hubert, B.E. - - - -	1952
Walsh, Reginald Clarence, B.E. - - -	1925	Waye, Peter Neil, LL.B. - - - -	1951
Walter, Harold Noal, B.E. - - - - -	1936	Wearne, Enid Lois, B.A. - - - -	1948
Walter, Hilda Blanche May, M.A. - -	1915	Webb, Arthur Liddon, M.B., B.S. - -	1922
Walter, William Ardagh Gardner, B.A. (Oxford, 1908) - - - - -	1909	Webb, Bruce, Phillip, M.Sc. - - - -	1954
† Walters, Francis Victor Charles, B.E. -	1953	Webb, Emmaline Nancy, B.A. - - - -	1949
Walters, George Henry, LL.B. - - - -	1936	Webb, John Edward, B.Sc. (Eng.) - -	1942
† Walters, Max Norman Isadore, M.B., B.S. - - - - - - - - - -	1954	Webb, John Newton, M.B., B.S. - -	1917
Walton, Bruce Adrian, B.Sc. - - - -	1945	† Webb, Kenneth Alfred, B.E. - - - -	1953
Walton, Gertrude Mary, B.A. - - - -	1904	Webb, Mary Gwendoline, B.A. - - - -	1937
Walz, Joseph Michael, B.A. - - - -	1945	Webb, Rita Gwendoline, B.A. - - - -	1930
Wannan, Douglas Copeland, B.E. (In- terim B.Sc. (Eng.), 1945, surren- dered) - - - - - - - - - -	1947	† Webber, Colin Russell, B.E. - - - -	1952
Wannan, Ellen Sarah, B.Sc. - - - - -	1930	Webber, Ronald Thomas John, B.Ag.Sc.	1948
Ward, Cyril Michael, M.A. - - - - -	1912	Webbling, Donald D'Arcy, B.Sc. - -	1950
Ward (nee Claridge), Evelyn Dorothy, B.Sc. - - - - - - - - - -	1935	Webster, Raymond Murray, B.Sc. - -	1938
Ward, Gerald Michael, LL.B. - - - -	1949	Webster, Stanley George, M.B., B.S. -	1951
Ward, Harry Lancelot, B.A. - - - - -	1920	Webster, Wilfred Grant, B.Sc. - - -	1949
Ward, Jean Russel, B.A. - - - - - -	1939	Weetman, Alan Russell, M.B., B.S. -	1951
Ward, John Frederick, M.A. - - - - -	1908	Wegener, Clemens Frederick, B.Sc. -	1949
Ward, Kevin James, LL.B. - - - - -	1949	Wegener, Richard Albert, B.E. - - -	1948
° Ward, Kevin Leonard, LL.B. - - - -	1921	† Weidenbach, Neil, B.Sc. - - - - -	1954
Ward, Leonard Keith, B.E. (Sydney, 1903) - - - - - - - - - -	1913	Weir, Isobel, B.A. - - - - - - - -	1914
D.Sc. - - - - - - - - - -	1926	Weiss, Alan Austin, B.Sc. - - - - -	1950
Ward, Leonard Rosslyn, B.E. - - - -	1932	Weiss, Donald Eric, B.Sc. - - - - -	1945
Ward, Margaret Kennings, B.A. - - - -	1947	Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932) - - - - - - - - -	1941
Ward, Robert Hayes, LL.B. - - - - -	1936	Welbourn, Alan Egerton, B.E. - - - -	1937
Ward, Russel Braddock, M.A. - - - -	1950	Welbourn, Barbara Egerton, B.Sc. - -	1941
Warden, Robert Douglas Cunninghame, LL.B. - - - - - - - - - -	1951	Welbourn, Eleanor Egerton, B.A. - -	1948
Warhurst, Barbara Wilfred, B.Sc. - -	1938	Welch, Arthur Walter Sydney James, M.B., B.S. - - - - - - - - - -	1923
† Wark, Bruce Goodman, B.D.S. - - - -	1953	Welch, Frank Edison, M.B., B.S. - -	1936
Warren, Donald Hampton, B.A. - - - -	1942	Welch, Horace Henry Eric, B.E. - - -	1938
Warren, Sidney Lilla, B.A. - - - - -	1915	† Welch, Howard Walter, M.B., B.S. -	1954
† Waterhouse, Edward John, B.Ag.Sc. -	1953	Weld, Elizabeth Eleanor, M.B. (Mel- bourne, 1901) - - - - - - - - - -	1901
Waterhouse, Louis David, LL.B. - - -	1914	Wellby, Maurice Lindsay, M.Sc. - - -	1954
† Waterhouse, Ronald Greaves, M.B., B.S. - - - - - - - - - -	1952	Weller, Raymond Alfred, B.Sc. - - -	1948
Waterhouse, Thomas Henry, B.E. (In- terim B.Sc. (Eng.), 1945, surren- dered) - - - - - - - - - -	1948	Wellington, Hugh Kennedy, B.E. - - -	1948
Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) -	1947	Wells, Barbara Gordon, M.B., B.S. - -	1951
Waters, Russell Kyle, B.A. - - - - -	1949	Wells, Cedric Bayford, B.Ag.Sc. - -	1951
Waterson, John Gabriel, B.D.S. - - -	1945	Wells, Clarence Gordon, M.B., B.S. -	1921
Watkins, Charles Thomas, LL.B. - - -	1907	Wells, Elizabeth Anne, B.A. - - - -	1949
Watkins, John Leslie, B.E. - - - - -	1933	Wells, Elizabeth Wynne, B.A. - - -	1934
Watkinson, Mavis Daphne, B.A. - - -	1937	† Wells, Margaret Suzanne, B.A. - - -	1953
Watson, Arthur Harrison Edward, M.B., B.S. - - - - - - - - - -	1920	Wells, William Andrew Noye, LL.B. -	1945
† Watson, Arthur John, M.B., B.S. - - -	1953	Welsh, James Oglesby, B.A. - - - -	1948
† Watson, Brian, B.E. - - - - - - - -	1953	Wemyss, Eleanor Evelyn Beatrice, M.A. - - - - - - - - - -	1924
† Watson, David Stanley, B.Sc. - - - -	1954	† Wenham, Muriel, B.A. - - - - - -	1954
Watson, Donald Robert, B.E. - - - -	1951	Were, John Owen, B.A. - - - - - -	1933
Watson, George Michael, M.B., B.S. -	1936	Wesley Smith, Henry Elliott, B.A. - -	1936
Watson, Joyce, B.A. - - - - - - - -	1937	Wesslink, Philip Murdoch, B.D.S. (Syd- ney, 1926) - - - - - - - - - -	1949
† Watson, Kenneth Graham, M.B., B.S. -	1953	West, Arthur George Bainbridge, M.A. (Oxford, 1892) - - - - - - - - -	1897
Watson, Margaret Arden, B.Sc. - - - -	1940	West, Bruce Oswald, Ph.D. - - - - -	1954
Watson, Ruth, M.Sc. - - - - - - - -	1938	West, Doris Marjorie, B.A. - - - -	1921
† Watson, Patricia Bali, M.B., B.S. - -	1952	West, Eric Stodden, B.Sc. - - - - -	1921
Watson, Percival, M.A. - - - - - - -	1931	West, Esmond Frank, M.B., B.S. - -	1922
Watson, Timothy Alfred Francis		West, Gordon Roy, B.Sc. - - - - - -	1904
Quinlan, M.Sc. - - - - - - - - - -	1945	M.B., B.S. - - - - - - - - - -	1908
Watt, Fanny Eileen, M.A. - - - - -	1930	† West, John Burnard, M.B., B.S. - -	1952
		West, John Stanley, B.E. (B.Sc., 1907, surrendered for B.E.) - - - - -	1914
		West, Leonard Roy, M.B., B.S. - - -	1934
		West, Reginald Arthur, M.A. - - - -	1905
		West, Robert Frank, M.D. (M.B., B.S., 1935) - - - - - - - - - -	1949

\* Deceased.

† Not yet Members of the Senate.

† West, Rosemary Ruth, M.B., B.S. - -	1954	Wicks, Norman Stephen Price, M.B.,	
Westerman, Franklina Sisley, B.D.S. -	1946	B.S. - - - - -	1947
† Westerman, Roderick Alan, M.B., B.S.	1954	Wien-Smith, Geoffrey, M.B., B.S. - -	1915
Westgarth, Walter Tebble, M.A. - - -	1929	Wiesner, Clarence Jack, B.Sc. - - -	1935
Weston, Frank Keith, B.A. - - - - -	1950	Wigan, Leonard James Cleveland, B.E.	1921
Westphalen, John Arthur, B.Sc. - - -	1950	Wigg, Neil Thornburn Melrose, M.B.,	
† Westphalen, Kenneth John, M.B., B.S.	1953	B.S. - - - - -	1925
Whalan, Lionel Walter, B.A. - - - -	1948	Wigg, Ronald Melrose, M.E. - - - -	1945
Wharhirst, Gwendolen Elizabeth, M.A.		Wight, Albert James, B.E. - - - - -	1936
(Oxford, 1940) - - - - -	1945	Wight, Albert Raymond, B.E. - - - -	1914
Wheatley, Frederick William, B.A. - -	1904	Wight, Hillier Clement, B.E. - - - -	1933
D.Sc. - - - - -	1913	Wight, Hugh Humphrey, B.Sc. - - - -	1929
† Wheaton, Malcolm Alfred, M.B., B.S.	1954	M.E. - - - - -	1937
† Wheaton, Russell Norman, B.Sc. - - -	1952	† Wighton, Dugald Craven, M.B., B.S. -	1953
Wheeler, Harry Winslow, B.Sc. - - -	1929	Wighton, Helen Craven, B.A. - - - -	1938
Wheeler, Reginald John, M.B., B.S. -	1930	Wighton (nee Blackburn), Rosemary	
† Whelan, John Thomas, B.Ec. - - - -	1952	Neville, B.A. - - - - -	1945
Whibley, Cyril George, B.E. - - - -	1927	Wignall, Douglas Ronald, B.A. - - - -	1948
Whillas, Geoffrey French, B.Sc. - - -	1946	Wilcher, Lewis Charles, B.A. - - - -	1929
Whillas, Jean Kathleen, M.A. - - - -	1952	Wildy, Ralph Alderman, B.E. - - - -	1938
Whitburn, Jack, B.A. - - - - -	1931	Wilhelm, Donald Lancelot, M.D. (M.B.,	
White, Alan Hubert, M.B., B.S. - - -	1921	B.S., 1942) - - - - -	1951
† White, Allan James Risely, B.Sc. - - -	1952	† Wilhelm, Walter Gerhard, B.E. - - -	1953
White, Anthony Hopper, B.Sc. - - - -	1951	Wilkins, Austral Jack, B.E. (Interim	
White, Brian Ross, B.Sc. - - - - -	1947	B.Sc. (Eng.), 1947, surrendered) -	1948
White, Francis Richard, B.D.S. - - - -	1950	Wilkins, Ray Eber, B.A. - - - - -	1948
White, Hedley John, B.E. - - - - -	1950	† Wilkinson, Donald Cameron, B.A. - -	1952
White, Helena Victoria, B.A. - - - -	1934	† Wilkinson, Graham Neil, B.Sc. - - -	1953
White, Henry Douglas, B.A. - - - - -	1943	Wilkinson, Harold Callan, B.E. - - -	1931
White, James Michael, LL.B. - - - -	1951	Wilkinson, Herbert John, B.A. - - - -	1914
White, Joan Hazel, M.B., B.S. - - - -	1935	M.D. (Sydney, 1930) - - - - -	1934
White, John Baron, B.E. - - - - -	1949	Wilkinson, Philomena Mary, B.A. - -	1949
White, Joyce Winifred, B.A. - - - - -	1945	Wilkinson, Robert Stuart, M.B., B.S. -	1939
White, Kenneth Elsdon, B.E. - - - - -	1948	Wilkinson, Stewart Rex, B.A. - - - -	1950
White (nee Healy), Nora Kate, B.A. -	1939	Wilkinson, Thomas Lancelot, B.Sc. -	1925
White, Phyllis, B.Sc. (Sydney, 1920) -	1922	Wilksch, Betty Ruth, B.A. - - - - -	1949
White, Randal Derek, B.E. (Interim		Willcocks, Robert Douglas, B.Sc. - - -	1951
B.Sc. (Eng.), 1945, surrendered) -	1947	Williams, Arthur Charles, B.Sc. - - -	1950
White, Ray Baron, B.E. - - - - -	1942	Williams, Arthur Evan, M.B., B.S. - -	1914
White, Rodney Gordon, M.B., B.S. - -	1949	Williams, Bruce Rodda, M.A. - - - -	1944
White, Ruth Baron, B.Sc. - - - - -	1942	Williams, Caroline Margaret, B.A. - -	1915
† White, Stanley Noel, B.A. - - - - -	1953	Williams, Christobel Mary, B.Sc. - -	1945
White, Wilfred Allan, B.Ec. - - - - -	1942	Williams, Colin Hale, M.Sc. - - - -	1943
White, Wilfred Carlstan Jurs, B.Sc. -	1948	Williams, Donald Carter, B.A. - - - -	1933
White, William John, M.E. - - - - -	1920	LL.B. - - - - -	1935
White, William Richard Bolitho, B.E.	1932	† Williams, Donald Newbery, B.D.S. -	1954
Whitehead, Millicent Alma, B.A. - - -	1949	Williams, Dorothy Theresia, B.A. - -	1935
† Whitehouse, Joseph Chenoweth, M.B.,		Williams, Eirene Mary, B.A. - - - -	1907
B.S. - - - - -	1953	Williams, Garth David, B.Sc. - - - -	1948
Whitelaw, Albert James, B.Sc. - - - -	1929	Williams, George Esson Keith, M.A. -	1947
B.A. - - - - -	1937	† Williams, George Mervyn, B.Sc. - - -	1953
† Whitford, Desmond Joseph, B.E. - - -	1953	† Williams, Harold Richard Michael,	
Whitford, Patricia Mary, B.A. - - - -	1940	LL.B. - - - - -	1953
† Whitford, Raymond Frank, M.B., B.S. -	1953	Williams, Joan Beatrice, B.A. - - - -	1948
Whiting, Clyde Taylor, B.A. - - - - -	1931	Williams, Lindsay Hale, LL.B. - - - -	1945
† Whiting, Peter Arthur, B.Sc. - - - -	1953	Williams, Mabel Evangeline, M.A. - -	1916
Whittington, Anne, B.A. - - - - -	1950	Williams, Monica Houghton, B.Sc. - -	1951
◦ Whittington, Bertram, B.Sc. - - - - -	1899	Williams, Philip Glenly, B.A. - - - -	1941
B.E. - - - - -	1913	Williams, Philip Mark, B.E. - - - - -	1951
Whittington, Joan, B.A. - - - - -	1933	Williams, Ralph, B.Sc. - - - - -	1914
Whittington, Louis Arnold, LL.B. - -	1911	Williams, Roy Ernest, M.Sc. - - - - -	1953
Whittington, Richard Smallpiece, LL.B.	1935	Williams, Robert Francis, M.Sc. (B.Sc.,	
† Whitnan, Gerald Caleb, B.Sc. - - - -	1952	W.Aus.) - - - - -	1934
Whittle, Alick William Green, M.Sc.	1948	Williams (nee Hotten), Roma Olive,	
Whittle, Donald George, B.E. - - - -	1936	B.A. - - - - -	1941
Whittle, Edith Julia, B.A. - - - - -	1950	Williams, Spencer, M.A. - - - - -	1930
† Whittle, Harry Reed, B.E. - - - - -	1952	Williams, Walter Leslie, B.A. - - - -	1940
† Whittle, James Latimer, B.E. - - - -	1952	Williams, Zena Vera, B.A. - - - - -	1940
† Whittle, Richard Latimer, LL.B. - - -	1954	† Williamson, Arthur Edward, B.E. - -	1953
† Whyte, Jean Primrose, B.A. - - - -	1952	Williamson, David Aubrey, M.B., B.S.	1951
† Whyte, Phyllis Primrose, B.A. - - -	1952	Willing, Charles Eric, M.B., B.S. - -	1928
Wiadrowski, Maxwell Alfred Anton,		† Willing, Richard Lyall, M.B., B.S. -	1954
B.A. - - - - -	1937	Willington, John Mattinson, B.E. - -	1951
Wibberley, Brian, B.E. - - - - -	1951	Willington, Lloyd Stanley, B.A. - - -	1950
Wibberley, Brian William, B.Sc. - - -	1911	Willis, John, B.A. (Melbourne) - - -	1952
M.B., B.S. - - - - -	1914	Willmott, Josiah Percival, B.Sc. - -	1907
Wibberley, Hermita Mary, B.A. - - - -	1941	Willoughby, Eric Osborn, B.E. (B.E.E.,	
† Wibberley, Judith, B.A. - - - - -	1952	Melbourne, 1931) - - - - -	1947
Wickett, Harold Clarence, M.Sc. - - -	1946	Willoughby, Roger George, M.D.S. - -	1953
Wicks, Frederick Ralph, M.B., B.S. - -	1923	Wills, Caroline Marie Agnew, B.A. - -	1951
† Wicks, Graham Ralph, M.B., B.S. - -	1954	† Wills, Lindsay Arthur, B.A. - - - -	1953
		Willsmore, Elsie Victoria, Mus.Bac. -	1918

◦ 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.

Altmann, Olive Stella, French Language and Literature II - - - - -	1948	Hetherington, Robert, Political Science and History II (i) - - - - -	1951
Cashmore, Helen Patricia, Political Science and History II - - - - -	1948	Nilsson, Neil Alfred, Philosophy II (i) - - - - -	1951
Craton, Patricia Clarice, English Language and Literature I - - - - -	1948	Rendell, Margaret Patricia, Political Science and History I - - - - -	1951
Hall, Jocelyn Rosemary, English Language and Literature II - - - - -	1948	Ross, Nadeen Adoree, Political Science and History II (i) - - - - -	1951
Muecke, Douglas Colin, English Language and Literature I - - - - -	1948	Selth, Geoffrey Poole, French Language and Literature I - - - - -	1951
Pash, Jeffrie Herbert, B.A., French Language and Literature I - - - - -	1948	Strahan, Anthony William, B.A., English Language and Literature II (i) - - - - -	1951
Pike, Douglas Henry, Political Science and History I - - - - -	1948	Turner, Constance Mary, English Language and Literature II (i) - - - - -	1951
Reynolds, Lilo, English Language and Literature I - - - - -	1948	Wills, Caroline Marie Agnew, English Language and Literature I - - - - -	1951
Robertson, Betty Ann Fotheringham, Economics and Political Science II - - - - -	1948	Ashwin, Charles Robin, Political Science and History I - - - - -	1952
Tindale, Beryl Rae, English Language and Literature II - - - - -	1948	Diamond, Arthur Ian, Political Science and History II (i) - - - - -	1952
Worthley, Boyce Wilson, B.A., M.Sc., Philosophy I - - - - -	1948	Gilding, Kevin Rex, English Language and Literature III - - - - -	1952
Duncan, Ross, Political Science and History I - - - - -	1919	Johnson, Margaret Isobel, French Language and Literature I - - - - -	1952
Ellis, Bruce Walter, French Language and Literature I - - - - -	1949	Lewis, Robert Brook, B.Sc., Economics I - - - - -	1952
O'Donoghue, Kenneth Kilian, B.A., Political Science and History II - - - - -	1949	McKinnon, Heather Campbell, English Language and Literature II (i) - - - - -	1952
Opie, Roger Gilbert, Economics I - - - - -	1949	Mills, John Murray, French Language and Literature I - - - - -	1952
Selth, Donald Victor, Political Science and History II - - - - -	1949	Naughtin, Patrick Chanel, B.A., English Language and Literature II (ii) - - - - -	1952
Smith, Stuart Meldrum, English Language and Literature II - - - - -	1949	Whyte, Jean Primrose, English Language and Literature I - - - - -	1952
Wall, Barbara Deane, English Language and Literature I - - - - -	1949	Whyte, Phyllis Primrose, English Language and Literature II (i) - - - - -	1952
Wells, Elizabeth Anne, French Language and Literature I - - - - -	1949	Young, Aileen, English Language and Literature II (ii) - - - - -	1952
Adam, Elizabeth Anderson, Mathematics and Philosophy II (ii) - - - - -	1950	Ellis, Brian David, B.Sc., Philosophy I - - - - -	1953
Ellis, Charlotte, Political Science and History II (ii) - - - - -	1950	Goodenough, Warwick William, English Language and Literature II (i) - - - - -	1953
Felgenhaur, Robert Frederick, B.A., English Language and Literature I - - - - -	1950	Greet, Frank Hamilton, English Language and Literature III - - - - -	1953
Gilbert, Ronald Sunter, Economics II (i) - - - - -	1950	Hayward, Thomas Ronald, B.Ec., Political Science and History II (i) - - - - -	1953
Hart, Mary Margaret, Political Science and History II (i) - - - - -	1950	Reid, Robert Leighton, Political Science and History II (i) - - - - -	1953
Haynes, James Dalrymple, Political Science and History II (ii) - - - - -	1950	Sutton, Laura Margaret, Economics II (ii) - - - - -	1953
Paech, Bernice Mary, Political Science and History II (i) - - - - -	1950	Tregenza, John Miller, English Language and Literature II (i) - - - - -	1953
Roder, John Herbert, English Language and Literature II (ii) - - - - -	1950	Wadham, Elizabeth Jean, Political Science and History II (i) - - - - -	1953
Slee, Ian Bruce, English Language and Literature II (ii) - - - - -	1950	Lawrence, Robert John, History and Political Science I - - - - -	1953
Tregonning, Kennedy Gordon Philip, Political Science and History I - - - - -	1950	Cleland, James Lindsay, Political Science and History II (ii) - - - - -	1954
Blackburn, Margaret Alison, French Language and Literature II (i) - - - - -	1951	Gilding, Gwendoline Fay, B.A., Geography I - - - - -	1954
Blair, Ruth Margaret, Economics II (ii) - - - - -	1951	Laycock, Margaret, French Language and Literature II (i) - - - - -	1954
Clift, Lawrence Henry Marcus, English Language and Literature II (ii) - - - - -	1951	Lyon, Malcolm Elliot, French Language and Literature II (i) - - - - -	1954
Forbes, Alexander James de Burgh, Political Science and History I - - - - -	1951	Richardson, Ruth Mary Desmond, Political Science and History II (ii) - - - - -	1954
Gilbertson, Nannette, English Language and Literature I - - - - -	1951		

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

Vawser, Noel Keith, II	- - - -	1947	Smith, Adrian Milton, I	- - - -	1950
Bailey, Alan Paterson, II	- - - -	1948	O'Donohue, Raymond Francis, III	- - - -	1951
Hirst, Ronald Robert, B.Ec., I	- - - -	1948	Sturmev, Stanley George, I	- - - -	1951
Stalley, Douglas John, B.Ec., II	- - - -	1948	Hill, Malcolm Robert, I	- - - -	1952
Cameron, Roy James, B.Ec., I	- - - -	1949	Penny, David Harry, I	- - - -	1952
Hieser, Ronald Oswald, I	- - - -	1949	Gibbs, Graham Rossiter, II (ii)	- - - -	1953
Howard, Donald William Digby, II	- - - -	1949	Griggs, Robert Leslie, B.Ec., I	- - - -	1953
Boehm, Ernst Arthur, I	- - - -	1950	Hodan, Miroslav, B.Ec. II (i)	- - - -	1954
Grant, John McBain, I	- - - -	1950	Sharp, Warren Player, II (i)	- - - -	1954
Raftery, George Aldborough, II (i)	- - - -	1950			

## HONOURS DEGREE OF BACHELOR OF SCIENCE. (INSTITUTED 1901.)

For previous Lists, see *Calendars from 1918.*

Barnes, Charles Stalley, B.Sc., Chemistry I	- - - -	1949	Chartres, Bruce Aylwin, Physics IIA	- - - -	1951
Browning, Thomas Oakley, B.Sc. (Syd.), Zoology I	- - - -	1949	Chittleborough, Robert Graham, Zoology I	- - - -	1951
Canny, Nicholas Joseph, B.Sc., Physics II	- - - -	1949	Davies, Rodney Deane, Physics IIB	- - - -	1951
Crompton, Robert Woodhouse, B.Sc., Physics I	- - - -	1949	Ellis, Brian David, Physics IIB	- - - -	1951
Deland, Raymond John, B.Sc., Physics II	- - - -	1949	Hopkins, Brian McDonald, Economic Geology IIB	- - - -	1951
Elford, William Graham, B.Sc., Physics I	- - - -	1949	Howard, Rex Trowbridge, Chemistry IIA	- - - -	1951
Forrest, Waldie William, B.Sc., Chemistry I	- - - -	1949	Jeffery, Margaret Wyn, Botany IIA	- - - -	1951
Frith, Ernest Everard, Zoology II	- - - -	1949	Johnson, Keith Douglas, Physiology IIA	- - - -	1951
Fry, Robert Mason, B.Sc., Physics II	- - - -	1949	Lewis, Graham Ethelbert, Chemistry I	- - - -	1951
Gum, Colin Stanley, Physics II	- - - -	1949	Lewis, Sylvia Hilda, Zoology IIA	- - - -	1951
Hiscock, Ian David, B.Sc., Zoology I	- - - -	1949	Liddy, Desmond Terence, Physics I	- - - -	1951
Holloway, Bruce William, B.Sc., Botany I	- - - -	1949	Meaney, Maxwell Francis, Chemistry IIB	- - - -	1951
Kerr, David Ian Beviss, B.Sc., Physiology I	- - - -	1949	Medlin, Edwin Harry, Physics I	- - - -	1951
Kidman, Barbara Phyllis, B.Sc., Physics I	- - - -	1949	Michael, James Henry, Mathematics I	- - - -	1951
Pearce, Ronald Sandison, B.Sc., Chemistry II	- - - -	1949	Morris, Kerwin William, Mathematics IIA	- - - -	1951
Rattigan, John Herbert, B.Sc., Geology I	- - - -	1949	Parker, Murray Harold, Physics IIB	- - - -	1951
Riedel, William Rex, B.Sc., Geology I	- - - -	1949	Seidler, Jan Hynek, Chemistry I	- - - -	1951
Robertson, William Godfrey Pitcher, B.Sc., Chemistry I	- - - -	1949	Skinner, Brian John, Economic Geology I	- - - -	1951
Sibly, Pamela Maslin, B.Sc., Botany I	- - - -	1949	Tester, Donald Kenneth, Economic Geology IIB	- - - -	1951
Spurr, Robert Thomas, B.Sc., Physics II	- - - -	1949	Thomson, Bruce James, Chemistry IIA	- - - -	1951
Sutton, David John, B.Sc., Physics I	- - - -	1949	Urwin, Jack Robson, Chemistry I	- - - -	1951
Trudinger, Philip Alan, B.Sc., Biochemistry I	- - - -	1949	Weiss, Alan Austin, Physics I	- - - -	1951
Wegener, Clemens Frederick, Geology II	- - - -	1949	Wellby, Maurice Lindsay, Biochemistry IIB	- - - -	1951
West, Bruce Oswald, B.Sc., Chemistry I	- - - -	1949	Wilton, John Barrett, Chemistry I	- - - -	1951
Andrews, Murray William, Physics I	- - - -	1950	Worthington, Charles Roy, Physics IIA	- - - -	1951
Appleby, Cyril Angus, Biochemistry IIA	- - - -	1950	Ziesing, George Murray, Physics I	- - - -	1951
Coaldrake, John Edward, Botany I	- - - -	1950	Angley, Ronald James, B.Sc., Physics IIB	- - - -	1952
Colville, John Stuart, Physics IIA	- - - -	1950	Brett, Horace William Walter, B.Sc., Chemistry I	- - - -	1952
Darragh, Peter John, Geology IIB	- - - -	1950	Bunney, Bronte Rowland, B.Sc., Physics IIA	- - - -	1952
Dolling, Eleanor Ngaire, Geology I	- - - -	1950	Clendinnen, Ian Jeffrey, B.Sc. Physics IIB	- - - -	1952
Hine, Denise Charlotte, Biochemistry I	- - - -	1950	Denby, Ernest Frank, B.Sc., Physics I	- - - -	1952
Hocking, Colin Stanley, Chemistry I	- - - -	1950	Duncan, Robert Allan, B.Sc., Physics I	- - - -	1952
Hone, Michael Raymond, Anatomy IIB	- - - -	1950	Galvin, Leola Beth, B.Sc., Zoology IIB	- - - -	1952
Howard, Peter Felix, Geology I	- - - -	1950	Goodwin, Geoffrey Leonard, B.Sc., Physics IIA	- - - -	1952
Lewis, David Gray, Chemistry IIB	- - - -	1950	Harms, John Eric, B.Sc., Economic Geology IIA	- - - -	1952
Lynn, Kenneth Roy, Chemistry I	- - - -	1950	Kaewbaidhoon, Sa-ngob, Economic Geology IIA	- - - -	1952
McKay, Maureen Gordon, Chemistry IIA	- - - -	1950	McCarthy, Ian John, B.Sc., Chemistry I	- - - -	1952
May, Lancelot Harris, Botany I	- - - -	1950	Rayson, Patricia, B.Sc., Botany IIA	- - - -	1952
Miles, Perry Ambrose, Physics IIA	- - - -	1950	Reynolds, Maxwell Andrew, B.Sc., Geology I	- - - -	1952
Mumme, Ivan Albert, Geology IIA	- - - -	1950	Rowley, Rex Cameron, B.Sc., Economic Geology IIA	- - - -	1952
Nicholls, Colin Herbert, Chemistry I	- - - -	1950	Sanderson, John Gavin, B.Sc., Mathematics IIA	- - - -	1952
Parkinson, Kevin John, Geology IIA	- - - -	1950	Simons, Arthur Nicholas, B.Sc., Chemistry I	- - - -	1952
Radoslovich, Edward William, Physics I	- - - -	1950	Spencer, Leslie Brian, B.Sc., Chemistry I	- - - -	1952
Shannon, James Stanley, Chemistry I	- - - -	1950	Baker, Irvine Noel, Mathematics I	- - - -	1953
Spry, Alan Herbert, Geology I	- - - -	1950	Brown, Roger Norman, B.Sc., Physics IIB	- - - -	1953
Stevenson, Donald George, Physics I	- - - -	1950	Buttery, Ronald Gordon, B.Sc., Chemistry I	- - - -	1953
Thomas, John Angas, Physics I	- - - -	1950	Catchpoole, John Roger, B.Sc., Physics IIB	- - - -	1953
Wilson, Robert Bruce, Geology I	- - - -	1950	Daily, Brian, B.Sc., Geology IIA	- - - -	1953
Wincey, Cynthia Weaver, Biochemistry IIA	- - - -	1950			
Wymond, Alonzo Pearse, Geology IIA	- - - -	1950			
Beecham, Anthony Frank, Chemistry I	- - - -	1951			
Brasch, Leonard William, Chemistry IIA	- - - -	1951			

Dunlop, Colin Wesley, B.Sc., Physiology I - - - - -	1953	Best, Effie Deland, B.Sc., Physiology I -	1954
Forbes, Bryan George, B.Sc., Geology I	1953	Chinner, Graham Alan, B.Sc., Geology and Mineralogy I - - - - -	1954
Hall, Barbara Isabelle Herbert, B.Sc., Physics I - - - - -	1953	Christie, Basil James Frederick, B.Sc., Chemistry I - - - - -	1954
Hobden, Joan Frances, B.Sc., Chemistry I - - - - -	1953	Duguid, Andrew Melville, Mathematics I - - - - -	1954
Hunt, Arnold Leighton, B.Sc., Biochemistry I - - - - -	1953	Elford, Malcolm Thomas, B.Sc., Physics I - - - - -	1954
Ladd, Jeffrey Norman, B.Sc., Biochemistry I - - - - -	1953	Keech, Donald Bruce, B.Sc., Biochemistry I - - - - -	1954
Leslie, Robert Bradshaw, B.Sc., Geology I - - - - -	1953	Korytnyk, Wsewolod, B.Sc., Chemistry I - - - - -	1954
McCarthy, Ian Ellery, B.Sc., Physics I	1953	McGee, Colin Raymond, B.Sc., Physics IIA - - - - -	1954
Macklin, William Charles, B.Sc., Physics IIA - - - - -	1953	McKelvie, Donald, B.Sc., Physics IIB -	1954
Martin, Keith George, B.Sc., Chemistry IIA - - - - -	1953	McLean, Ian Weymouth, B.Sc., Physics I - - - - -	1954
Martin, Peter Gordon, Genetics I - - - - -	1953	Milton, Bernard Eric, Physics IIA - - -	1954
Miller, Peter Geoffrey, B.Sc., Geology IIA - - - - -	1953	Mullner, Judith Anne, B.Sc., Physiology IIB - - - - -	1954
Milligan, Brian, B.Sc., Chemistry I - - -	1953	Murray, Eric Lionel, B.Sc., Physics IIB	1954
Pratten, Raymond Douglas, B.Sc., Geology IIA - - - - -	1953	Northey, Helen Louise, B.Sc., Chemistry I - - - - -	1954
Turner, Kevin James, B.Sc., Chemistry I	1953	Prest, David Harris, B.Sc., Physics IIA -	1954
Wade, Mary Julia, B.Sc., Geology I - - -	1953	Sasse, Wolfgang Hermann Fritz, B.Sc., Chemistry I - - - - -	1954
Walker, Ian Saville, B.Sc., Chemistry I	1953	Smith, John Wilton, B.Sc., Physics IIB	1954
Wheaton, Russell Norman, B.Sc., Physics IIA - - - - -	1953	Stephens, John Felton, B.Sc., Chemistry IIA - - - - -	1954
Woodard, Geoffrey Davidson, B.Sc., Geology IIA - - - - -	1953	Thompson, Malcolm James, B.Sc., Chemistry I - - - - -	1954
White, Allan James Risely, B.Sc., Geology I - - - - -	1953	Tiller, Kevin George, B.Sc., Chemistry IIA - - - - -	1954
Wilkinson, Graham Neil, Mathematics IIA - - - - -	1953		

HONOURS DEGREE OF BACHELOR OF ENGINEERING

Tuck, Gilbert Playford, Mechanical I - - -	1948	Dyer, James Ross, Mechanical I - - -	1952
Batyne, Gavin Ross, Civil I - - - - -	1949	Hooker, Robert John, Mechanical I - - -	1952
Cowley, George Russell, Electrical I - - -	1949	Rose, Gordon Albert, Electrical I - - -	1952
Crompton, James Woodhouse, Electrical I	1949	Broadbent, Henry Neil Gribble, B.E., Electrical II - - - - -	1953
Kaneff, Stephen Dimov, Electrical I - - -	1949	De Cean, Neil, B.E., Electrical I - - -	1953
Nitschke, John Edwin, Civil I - - - - -	1949	Griffin, Donald Ward, B.E., Electrical I	1953
Allen, Murray William, Electrical I - - -	1950	Murray, Noel William, B.E., Civil I - - -	1953
Bray, Andrew Mackie, Mechanical I - - -	1950	Rice, William Mitton, Electrical I - - -	1953
Crisp, John Douglas Correll, Civil I - - -	1950	Ross, Sydney George Frederick, B.E., Electrical II - - - - -	1953
Stapledon, Roger Johnson, B.E., Mechanical I - - - - -	1950	Hamdorf, Clifton John, B.E., Metallurgical and Chemical I - - - - -	1954
Taylor, Colin Stephen, B.E., Electrical II - - - - -	1950	Hayward, John, B.E., Electrical I - - -	1954
Brooks, Brian John, Mechanical I - - - -	1951	Janardhan, Narienkadu Mohanarunga, Electrical II - - - - -	1954
Kleeman, Peter Wallace, Civil I - - - -	1951	Opie, Alan James, B.E., Metallurgical and Chemical II - - - - -	1954
Poole, Richard John, Electrical I - - - -	1951		
Bails, John Herbert, Mechanical I - - - -	1952		

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

Kemp, Henry Kenneth, B.Ag.Sc. I - - - - -	1935	Carter, Maurice Vernon, B.Ag.Sc. IIA	1952
Tiver, Newton Stanley, B.Ag.Sc. I - - - -	1942	Possingham, John Victor, B.Ag.Sc. IIA	1952
Humphris, Francis Ross, B.Ag.Sc. II - - -	1946	Hayman, David Lindsay, Genetics I - -	1953
Carter, Edward Diment, B.Ag.Sc. I - - - -	1950	Brownell, Peter Ferguson, B.Ag.Sc. IIA	1954
Mayo, George Melrose Elton, B.Ag.Sc. I	1950	Davidson, James Logie, B.Ag.Sc. IIA - -	1954
Kleinig, Cyril Raymond, B.Ag.Sc. I - - -	1951	Oram, Rex Neville, B.Ag.Sc. IIA - - -	1954
Symon, David Eric, B.Ag.Sc. I - - - - -	1951		

HONOURS DEGREE OF BACHELOR OF LAWS

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

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere - - - -	1946	Badger, Magnus - - - - -	1918
Abbott, Herbert Lewis - - - - -	1933	Bakewell, William Kenneth - - - - -	1908
Adcock, John Bartlett - - - - -	1931	Beerworth, William Carl - - - - -	1932
Alderman, Henry Graham - - - - -	1917	Bennett, Henry Trevor - - - - -	1949
Alderman, John Kevin - - - - -	1938	Berry, George Augustus - - - - -	1887
Alderman, John Robinson - - - - -	1950	Boucaut, Douglas le Rey - - - - -	1927
Andrews, Walter Frederick - - - - -	1888	Boucaut, George Hiles - - - - -	1906
Ashton, Edward James Wilberforce - - - -	1896	Boucaut, Ian Penn - - - - -	1930
Ashton, Thomas Edward - - - - -	1941	Brehner, Charles Ross - - - - -	1953
Astley, Michael John - - - - -	1950	Bright, William Stuart - - - - -	1904
Atkinson, Alfred Harris Owst - - - - -	1900	Buttrose, Murray - - - - -	1927



Carne, Alfred George - - - - -	1931	James, Alfred Charles - - - - -	1899
Cheek, Reginald Heithersay - - - - -	1921	Jessup, George Aubrey - - - - -	1933
Claridge, Philip James - - - - -	1947	Johnson, James Howard - - - - -	1900
Clark, John Osborne - - - - -	1935	Johnston, Laurence Frederick John - - - - -	1931
Clarke, Laurence Eric - - - - -	1920	Jordan, David Wallace - - - - -	1949
Cleland, Peter Fullerton - - - - -	1939	Joyner, Frederick Allen - - - - -	1885
Cleland, Thomas Erskine - - - - -	1919	Kearney, Beasley James William - - - - -	1925
Cocks, Arthur Wellesley - - - - -	1936	Keats, Frederick Phillips - - - - -	1909
Collins, Dean Francis - - - - -	1947	Kennedy, Donald Angus - - - - -	1904
Collison, Frank Lloyd - - - - -	1926	Kerin, William Francis - - - - -	1944
Coiquhoun, Colin Roy - - - - -	1928	Kinnane, Alexander John - - - - -	1935
Coventry, Charles James - - - - -	1911	Kirkman, Kenneth Hainsworth - - - - -	1918
Cresswell, George Edwin - - - - -	1929	Lake, Clement William Hingston - - - - -	1907
Cutlack, Peter Robert - - - - -	1926	Leslie, John - - - - -	1922
Daly, Kevin Joseph - - - - -	1943	Lewis, Stanley Heathcote - - - - -	1927
Davenport, Arthur Vernon - - - - -	1916	Little, Egbert Percy Graham - - - - -	1898
Davey, John Ryan - - - - -	1938	McCann, William Francis James - - - - -	1925
Davey, Robert Shannon - - - - -	1915	McCarthy, James Crimeen Ellery - - - - -	1925
Davies, Cecil Ernest - - - - -	1928	McEntee, Kevin Vincent - - - - -	1931
Davis, Raymond William - - - - -	1934	McEwin, George - - - - -	1897
Davison, John Hubert Hawdon - - - - -	1908	McGee, Edward Patrick - - - - -	1933
Davoren, Michael Dominic - - - - -	1940	McGee, John - - - - -	1916
Davoren, Thomas Anthony Francis - - - - -	1937	Mackay, Alan Justin - - - - -	1936
Dawe, Reginald Stanley - - - - -	1936	Mackenzie, Charles Norman - - - - -	1909
Denny, William Joseph - - - - -	1908	McLachlan, Alexander John - - - - -	1894
Dow, Ian Baird - - - - -	1949	McLachlan, Ian - - - - -	1932
Driffeld, George Carus - - - - -	1889	McLeay, Marshall John - - - - -	1927
Durston, Sidney Bridle - - - - -	1889	Magarey, Ashley Henderson - - - - -	1932
Edmunds, Keith Stacey - - - - -	1937	Marshall, John - - - - -	1951
English, John Arthur - - - - -	1952	Martin, Hugh Wallis - - - - -	1920
Fischer, Robert John - - - - -	1949	Mathews, Llandaff Brisbane - - - - -	1924
Fisher, Francis Robert - - - - -	1949	Matson, Victor Charles - - - - -	1945
Fisher, Guy - - - - -	1920	Matulich, Ross Noel - - - - -	1949
Fleming, Stanley Hugh - - - - -	1902	Mellor, James Corry - - - - -	1949
Fletcher, John Weld - - - - -	1940	Mellor, Thomas Reginald - - - - -	1915
Foster, Henry Edgar - - - - -	1889	Menzies, Stewart Keith - - - - -	1937
Fox, John Henry - - - - -	1895	Michell, George Wilfrid - - - - -	1920
Gelston, Hedley Ringrose - - - - -	1914	Michell, John Elsome - - - - -	1923
Genders, Alexander Forbes - - - - -	1949	Millhouse, Vivian Rhodes - - - - -	1925
Genders, Alexander Forbes - - - - -	1950	Mills, Elliott Whitfield - - - - -	1940
Gibson, Reginald Mends - - - - -	1923	Mollison, Thomas - - - - -	1928
Gifford, Alfred Silva Harrill - - - - -	1919	Morris, Gronwy Lewis - - - - -	1932
Giles, Acland - - - - -	1905	Muirhead, Henry Mortimer - - - - -	1909
Gillman, Joseph Fisher - - - - -	1921	Mutton, Carlyle Herbert - - - - -	1938
Goldsworthy, Napier Lytton - - - - -	1949	Napier, Robert Mellis - - - - -	1936
Goldsworthy, Spencer Gordon - - - - -	1916	Nesbit, Hubert Gordon Paris - - - - -	1915
Goldsworthy, William Beazley - - - - -	1903	Nesbit, Lancelot Julian - - - - -	1925
Goode, David Russell - - - - -	1949	Nesbit, Reginald George - - - - -	1900
Goode, Evan Anderson - - - - -	1926	Newman, Douglas Ralph - - - - -	1949
Gordon, Leslie Kenneth - - - - -	1947	Newman, Ralph Frederic - - - - -	1921
Grubb, Roy William - - - - -	1949	Nicholls, Theodore Henry - - - - -	1900
Gun, Clement Townsend - - - - -	1920	Nickolls, Peter Michael - - - - -	1952
Gun, John Townsend - - - - -	1953	Nitschke, Galva Dennis - - - - -	1954
Gun, Lloyd Townsend - - - - -	1949	Nuske, Sydney Gordon - - - - -	1954
Gwynne, Ilsted Gordon - - - - -	1891	Odlum, Reginald Lance - - - - -	1937
Hague, Percy - - - - -	1897	O'Grady, Francis Ignatius - - - - -	1939
Hall, Robert Fishburn - - - - -	1936	Owen, William Frederick - - - - -	1906
Harders, Clarence Waldemar - - - - -	1943	Pavy, Emily Dorothea, B.A. - - - - -	1928
Hardy, John Scott - - - - -	1926	Pavy, Gordon Augustus - - - - -	1924
Harford, Basil Beverley - - - - -	1928	Pearson, Charles Mason - - - - -	1917
Hargrave, Charles Townshend - - - - -	1904	Penny, Bertram Stephens - - - - -	1908
Hargrave, Joshua Addison - - - - -	1890	Penny, Clifton Raymond - - - - -	1893
Hargrave, Lancelot Morton Spiller - - - - -	1921	Philcox, Claude Joseph Owen - - - - -	1929
Harry, Richard Varley - - - - -	1937	Povey, Edward - - - - -	1916
Hay, Frederick Dean - - - - -	1934	Power, Louis Bertrand - - - - -	1937
Hayward, Cedric Charlie - - - - -	1923	Puddy, Albert Forwood - - - - -	1934
Healy, Kevin John Bernard - - - - -	1915	Pyne, William Ewart - - - - -	1915
Heseltine, Samuel Richard - - - - -	1903	Rankin, Henry Oliver Arthur - - - - -	1912
Heuzenroeder, Rudolph Hermann - - - - -	1913	Reed, Douglas - - - - -	1940
Heuzenroeder, William Ritter - - - - -	1929	Reeves, Charles Wheatley - - - - -	1924
Hill, Henry Richard - - - - -	1887	Regan, James William - - - - -	1913
Hilton, Keith Denyer - - - - -	1947	Reid, Walter Gliddon - - - - -	1909
Hodby, Herbert Charles - - - - -	1922	Reilly, Matthew Leonard - - - - -	1939
Holland, George Harold - - - - -	1920	Roberts, Donald Arthur - - - - -	1912
Holland, William Corin - - - - -	1909	Rollison, Gerald Dominic - - - - -	1927
Homburg, Hermann - - - - -	1896	Rollison, William Alexander - - - - -	1915
Homburg, John Hamilton - - - - -	1939	Ronald, Stewart Douglas - - - - -	1910
Homburg, Renolf - - - - -	1929	Rutter, George Lyall - - - - -	1920
Homburg, Robert - - - - -	1897	Rymill, Arthur Campbell - - - - -	1928
Humby, Rexton James - - - - -	1943	Sampson, Joyce Holman - - - - -	1952
Hunt, William Robert - - - - -	1919	Sanderson, Kenneth Francis Villiers - - - - -	1918
Hutchison, Charles Vernon Stuart - - - - -	1937	Shepherd, Joseph Scoresby - - - - -	1899
Innis, Kenneth Norman - - - - -	1925	Smith, Frank Seymour - - - - -	1914
Jacobs, Samuel Joshua - - - - -	1946	Smith, Francis Villeneuve - - - - -	1906
		Smith, Paul Teesdale - - - - -	1920

Solomon, Helen Ethel - - - - -	1933	Wald, Irvine Dale - - - - -	1923
Solomons, Phillip Roland Nathan - - -	1939	Wallace, Norman Verschuer - - - - -	1920
Somerville, Archibald John - - - - -	1952	Ward, Henry Torrens - - - - -	1900
Sparrow, Cyril Keith - - - - -	1921	Warren, Sydney John - - - - -	1911
Stockdale, William John - - - - -	1889	Weaver, Alfred Charles - - - - -	1903
Stokes, Robert Francis - - - - -	1938	Webb, Beecher Noel - - - - -	1930
Sutherland, Allan James Lavis - - - -	1919	Whimpress, Thomas Abraham - - - -	1934
Swan, William Alfred - - - - -	1948	Williams, Dudley Charles Call - - - -	1946
Sweeney, John Grant - - - - -	1915	Williamson, James Aubrey - - - - -	1925
Sykes, Howard de Pledge - - - - -	1936	Winnall, John Edward Hyde - - - - -	1893
Tapley, Willis Wayte - - - - -	1909	Worth, Frank Lindsey - - - - -	1932
Treloar, James Leonard Sydney - - - -	1923	Wright, Charles Joseph Harvey - - - -	1888
Tucker, Reginald Mervyn - - - - -	1915	Wright, Sydney Charles Grenville - -	1923
Vandenbergh, William John - - - - -	1896	Yelland, Dene Sturt - - - - -	1930
Von Bertouch, Leopold - - - - -	1920	Young, Martin - - - - -	1933
Von Doussa, Stanley Bowman - - - - -	1901	Zeising, George Ignatius - - - - -	1919
Von Doussa, William Louis - - - - -	1924		

## ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea - - - - -	1925	Gill, Hilda Beatrice - - - - -	1916
Adamson, Myrtle Gwendoline - - - - -	1918	Gillespie, Jean Katherin - - - - -	1937
Alexander, Mary Vera - - - - -	1917	Glatz, Laurina Ruby - - - - -	1929
Allgrove, Beatrice Jane - - - - -	1951	Gmeiner, Clarice Haidee Beatrice - -	1924
Anderson, Jean - - - - -	1936	Goss, Lucy Vera - - - - -	1909
Andrew, Una Lois - - - - -	1915	Goyder, Patricia - - - - -	1937
Ashton, Kathleen Anne - - - - -	1935	Gray, Lorna Dorothy - - - - -	1950
Attiwell, Edna Marie - - - - -	1918	Griffiths, George Townsend - - - - -	1914
Badenoch, Constance Mary - - - - -	1921	Groth, Fred - - - - -	1929
Bampton, Alfred John - - - - -	1915	Grosser, Eileen May - - - - -	1924
Barbour, Dorothy Jean - - - - -	1928	Hakendorf, Carmel Mary - - - - -	1947
Barnden, Vina Melba - - - - -	1933	Haese, Beth Theodora - - - - -	1940
Barry, Margaret Mary - - - - -	1927	Hales, Malcolm Roy - - - - -	1948
Basedow, Ivy Marie - - - - -	1912	Hancock, Mary Frewin - - - - -	1928
Bates, Edgar Clarence - - - - -	1929	Hantke, Ethel Hilda Hedwig - - - -	1902
Baulderstone, Clarice Moore - - - - -	1923	Harvey, Faith Fairbank - - - - -	1943
Black, Edward William - - - - -	1923	Henry, Gladys Amy Thelma - - - - -	1926
Booth, Jean Marie - - - - -	1941	Hine, Clytie May - - - - -	1908
Bowen, Gordon Melville - - - - -	1935	Hoche, Edith - - - - -	1908
Brindal, Ellen Grace - - - - -	1922	Hogon, Eileen Margaret - - - - -	1917
Brooks, Doreen Mavis - - - - -	1940	Holder, Alison Joyce - - - - -	1938
Brooks, Merle Olive - - - - -	1942	Holman, Frank Reginald - - - - -	1919
Brown, Kathleen Mary - - - - -	1917	Holmes, Patricia Langley - - - - -	1948
Bruggeman, Martha Dorothy - - - - -	1904	Hooker, George - - - - -	1945
Burnard, David Alexander - - - - -	1925	Horgan, Lillian Veronica - - - - -	1936
Byrne, Mary Teresa - - - - -	1927	Hounsell, Marjorie Nora Drew - - - -	1938
Cadd, Hartley Blair Hogarth - - - - -	1951	Howard, Winnifred Jean - - - - -	1917
Carmichael, Doris Darby - - - - -	1923	Hurn, Mavis Lacey - - - - -	1926
Catt, Shirley Pearson Clifford - - - -	1938	Hyde, Miriam Beatrice - - - - -	1928
Chappel, Phyllis Harvey - - - - -	1924	Ingham, Myrtle Lavinia - - - - -	1916
Cheek, Alan Carvosso - - - - -	1929	Jacobs, Doreen Miriam - - - - -	1938
Cheek, Muriel Elizabeth - - - - -	1900	James, Doris - - - - -	1912
Cilento, Gladys Muriel West - - - - -	1913	James, Vida Margaret - - - - -	1917
Cockburn, Julia Evelyn - - - - -	1930	Jones, Lewis La Vence - - - - -	1919
Collins, Ella Mary - - - - -	1916	Joyce, Kate - - - - -	1904
Collins, Yensie Margaret - - - - -	1937	Keen, Lilian Guard - - - - -	1920
Commane, Teresa Audrey - - - - -	1938	Kemp, Francis Joseph Edmund - - - -	1928
Coonan, Rita Norlean - - - - -	1919	Kemp, Marion Kirkwood - - - - -	1903
Coumbe, Hurtle Harold - - - - -	1912	Kinmont, Rosamond - - - - -	1924
Counter, Beryl Cole - - - - -	1924	Klose, Patricia Mary - - - - -	1950
Cozens, Vida Victoria - - - - -	1928	Kneebone, Joan Adelaide Cavell - -	1938
Crampton, Daisy Myrtle - - - - -	1945	Knowling, Gwenda - - - - -	1952
Cresswell, Muriel Blanche Lillecrapp -	1925	Kollosche, Samuel - - - - -	1910
Cronin, Alice Elsie - - - - -	1937	Langford, Joan - - - - -	1952
Daenke, Dorothy Lucy - - - - -	1929	Lee, Marjorie Freda - - - - -	1926
Davy, Rubia Claudia Emily - - - - -	1903	Litchfield, Jean Rainsbury - - - -	1926
d'Arcy-Irvine, Alice Bond - - - - -	1913	Lodge, Elizabeth Florence Cranston -	1953
Day, Florence Muriel - - - - -	1913	Luxton, Jean Estcourt - - - - -	1952
Dick, Pauline May - - - - -	1950	McGrath, Constance Cecily - - - - -	1926
Dix, Jessica Laura - - - - -	1928	McGregor, Dorothy Mary - - - - -	1930
Edwards, Herbert Percival - - - - -	1922	McKinnon, Clara Elizabeth - - - - -	1942
Ekers, Theodora Allman - - - - -	1930	McLaughlin, Eric Enstone - - - - -	1926
Evans, Bert - - - - -	1913	Mallon, Alice Mary - - - - -	1923
Ey, Kathleen Elsie - - - - -	1938	Manning, Hilda Mahala - - - - -	1902
Finch, Laura Evelyn - - - - -	1932	Marker, Lois Beatrice - - - - -	1951
Fisher, Helena Catherine - - - - -	1924	Marrett, Hannah Olive - - - - -	1926
Flaherty, Annie Josephine - - - - -	1907	Martin, Thelma Dorothy - - - - -	1917
Foale, Harold Robert - - - - -	1925	Matters, Arnold Hatherleigh - - - -	1926
Francis, Bessie - - - - -	1925	Mayfield, Vera Selina Gwendoline -	1927
Francis, Violet Leone - - - - -	1929	Meegan, Alice - - - - -	1922
Freeman, Ivy Gwendolen McLeod - - -	1931	Meegan, Kathleen Mary - - - - -	1917
Gard, Harold John - - - - -	1918	Merchant, David John - - - - -	1952
Gehling, Ronda Beryl - - - - -	1940	Mewkill, Paula Mary - - - - -	1915
Gersch, Paul Johannes - - - - -	1954	Mills, Gene Louise - - - - -	1950
Geyer, Clem August - - - - -	1922	Morley, Evelyn Mabel - - - - -	1925
Giles, Allan Leonard - - - - -	1949		

Morton, Mary Ruth - - - - -	1931	Slee, John Stevens - - - - -	1952
Murray, Joan - - - - -	1954	Smith, Imelda Catherine - - - - -	1930
Narroway, Peter Kingsford - - - - -	1951	Smith, Margaret Joan - - - - -	1950
Naylor, Ruth Winnifred - - - - -	1924	Solomon, Betty - - - - -	1930
Norman, Jean Margaret - - - - -	1928	Spehr, Francesca - - - - -	1901
Oldham, Dorothy - - - - -	1914	Spriggs, Harriet Rosetta - - - - -	1919
Paddon, Una Margery - - - - -	1920	Stoneman, Doreen - - - - -	1921
Palmer, Ethel Rose - - - - -	1918	Stoneman, Olivia Charlotte - - - - -	1930
Parkinson, Charlotte Ethel Violet - - - - -	1901	Summers, Phyllis Harvey - - - - -	1930
Paley, Clifford Arnold, B.A. - - - - -	1941	Swincer, Patty - - - - -	1948
Pascoe, Philippa Mary - - - - -	1947	Taylor, Gladys Leslie - - - - -	1908
Pearson, Kathleen Crawford - - - - -	1923	Taylor, Jean Rosabelle - - - - -	1926
Penalurick, Lola - - - - -	1921	Thomas, Sylvia Caroline Curtis - - - - -	1921
Penrose, Alva Ivo - - - - -	1924	Thrush, Annie Vera - - - - -	1915
Perkins, Horace James - - - - -	1926	Tidemann, Ernest Phillips - - - - -	1927
Perkins, Marie Pauline - - - - -	1948	Tonkin, Phyllis Anna - - - - -	1923
Perry, Margaret Fay - - - - -	1950	Tosolini, Palmira Rose - - - - -	1951
Phipps, Charlotte Lucy Barkwell - - - - -	1905	Trenerry, Thora - - - - -	1944
Prince, Jean Florence - - - - -	1921	Tuck, Joyce Edith - - - - -	1940
Prince, Muriel Marjory - - - - -	1923	Tuck, Vivien Margaret - - - - -	1941
Puddy, Betty Froome - - - - -	1931	Tunks, Flora Marion - - - - -	1931
Puddy, Maude Mary - - - - -	1900	Vardon, Daisy - - - - -	1914
Pyne, Tryphena Grace - - - - -	1918	Verco, Alison Martha - - - - -	1950
Reinmann, Hilda Marie - - - - -	1912	Verco, Gladys Kathleen - - - - -	1928
Reimann, Leta Edith - - - - -	1932	Vick, Lloyd Winston - - - - -	1937
Renou, Jean Lois - - - - -	1923	Virgo, Jean Ysobel - - - - -	1934
Riedel, Melita Wanda - - - - -	1918	Virgo, Violet Myra - - - - -	1919
Roach, Mary Moyle - - - - -	1910	Wall, Myrtle Trilby - - - - -	1917
Roberts, Winifred Sophie - - - - -	1911	Wallmann, Beatrice May - - - - -	1909
Robinson, Mary Patricia - - - - -	1935	Walsh, Lillian May - - - - -	1926
Rofe, Joyce Newton - - - - -	1933	Warnecke, Mary Isabel - - - - -	1954
Rowe, Elsie Maud - - - - -	1919	Watts, Mollie Louisa - - - - -	1930
Rowe, Florence Nellie - - - - -	1914	Webb, Irene Margaret Thomson - - - - -	1926
Rudemann, Elsa Wilhelmine - - - - -	1903	Whillas, Helen May - - - - -	1901
Sansom, Joyce Mary - - - - -	1940	White, Elizabeth Alice - - - - -	1953
Sara, Lily Emmaline - - - - -	1916	Whittington, Clytie Myrtle - - - - -	1917
Sayers, Alice Mabel - - - - -	1901	Whittington, Sylvia Muriel - - - - -	1911
Scammell, Ethelwyn - - - - -	1910	Wibberley, Brian - - - - -	1908
Schramm, Kathryn - - - - -	1954	Wiebusch, Adele Maria Dorothea - - - - -	1924
Searle, Hartley Malcolm, B.A., B.Sc. - - - - -	1939	Williams, Hartley - - - - -	1929
Shapley, Dorothy Alice - - - - -	1939	Williams, John Alexander - - - - -	1935
Shephard, Beatrice Joan - - - - -	1935	Williams, Mervyn Ewart Lancelot - - - - -	1924
Shipway, Margaret Elizabeth - - - - -	1953	Williamson, Arthur Burton - - - - -	1908
Short, John Thomas Gordon - - - - -	1907	Wollaston, Margaret Thirlmere - - - - -	1941
Simcock, Hilda May - - - - -	1917	Wordie, Ada Winifred - - - - -	1918
Sinclair, Jean Lily - - - - -	1924	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	Ayers, Margaret Jean - - - - -	1937
Abbott, Norman Frank - - - - -	1930	Bailey, Arthur Norris - - - - -	1924
Adams, Harry - - - - -	1931	Bailey, Vanda Dorothy - - - - -	1928
Adams, Helen Jean - - - - -	1929	Balchin, Irene May - - - - -	1924
Adams, John Clifford - - - - -	1949	Balchin, Leonard Jack - - - - -	1935
Adamson, Alfred Victor - - - - -	1926	Baldock, Gordon Herbert - - - - -	1948
Adamson, Harold Stanley - - - - -	1921	Bammann, Cuthbert Harvey - - - - -	1938
Addicoat, Bryan John - - - - -	1947	Bampton, John - - - - -	1927
Ahrens, Frank Leo - - - - -	1945	Barclay, William John - - - - -	1950
Aitchison, Donald Leslie Judson - - - - -	1939	Barlow, Cecil William - - - - -	1939
Alderman, John Robinson - - - - -	1937	Barlow, Leslie Harris - - - - -	1928
Alldritt, Donald Thomas - - - - -	1951	Barnes, Ronald David - - - - -	1948
Allen, Jack - - - - -	1937	Barrett, Jean Miriam - - - - -	1930
Allingame, George William Davis - - - - -	1935	Barter, Francis Charles - - - - -	1928
Andersen, Clifford Werlin - - - - -	1927	Barter, Jack Lampier - - - - -	1930
Anderson, John Donald - - - - -	1948	Barton, Jessie Charlotte - - - - -	1929
Anderson, Reginald Hamp - - - - -	1910	Basedow, Bernhard Frederick - - - - -	1948
Angel, Norman Sidney - - - - -	1930	Bathgate, John Pender - - - - -	1916
Angel, Ronald Frank - - - - -	1930	Batt, Henry Richard Devon - - - - -	1935
Anells, Herbert Edward - - - - -	1908	Battye, George Harry - - - - -	1924
Anells, Robert Harvey - - - - -	1939	Battye, Ross - - - - -	1920
Arbou, Jack Fulton - - - - -	1953	Baulderstone, Donald - - - - -	1935
Arnold, Raymond Borman - - - - -	1940	Baxter, Donald Bruce - - - - -	1950
Arthur, Maude Jessie - - - - -	1934	Bayly, Edward Benjamin - - - - -	1910
Ashby, William Maxwell - - - - -	1943	Bayly, Ernest Edward - - - - -	1924
Ashton, Alec James - - - - -	1935	Bayly, George Lancelot - - - - -	1929
Atkinson, Verdon Robert - - - - -	1936	Bayly, Jack Harold Fellowes - - - - -	1931
Austin, Brian Wilson - - - - -	1954	Bayly, William Lawes - - - - -	1918

Beaney, Henry Finlay	1928	Clarke, John Harding	1953
Beauchamp, Shirley Frances	1949	Cobiac, Gerald Patrick	1949
Belcher, Milton Judson	1928	Cole, Geoffrey Leonard	1950
Belfer, Jacob	1944	Collett, Keith Lancelot	1953
Bennie, John Smith	1938	Colliver, Keith Tidmarsh	1941
Berck, Lionel Neil	1945	Colliver, Eustace James	1928
Berriman, Alfred Andrew	1923	Combe, Bernard Milo	1948
Berry, Leslie Robjohns	1937	Compton, Joyce Oliver	1945
Besley, Lillian Ray	1935	Connelly, Joseph Kevin	1938
Bice, Norman Percival	1950	Connelly, William Francis	1947
Bice, Roy George	1953	Coombe, Albert	1937
Biddle, John Parr Harding	1925	Cooper, Ashley Anthony Richard	1927
Biggs, James Marshall	1925	Cotton, Robert Harold	1908
Blackwell, Hazel Annie	1931	Cottrell, Francis Allan	1937
Blair, James Beaton	1925	Cottrell, John Ledsam	1920
Blair, Ruth Margaret	1940	Coulthard, Clyde Ronald	1937
Blanch, Clement Edward	1949	Coward, Ivan Fernley	1930
Bleckley, Graham William	1952	Coward, Robert Malcolm	1930
Bloomfield, Jack Lee	1939	Cowell, Davis Francis	1939
Boehm, Ernst Arthur	1945	Cox, Charles Wylde	1932
Born, Frank Ford Harker	1928	Cox, Cyril Hewitt	1928
Bowden, Harry Frederick	1934	Craig, Ida Vera	1924
Bowen, Arthur Geoffrey	1933	Crane, Greta Ruby	1927
Bower, Richard David	1940	Creswell, John	1919
Bowes, Lindsay Burton	1947	Crump, Hedley Lawrence	1949
Bowler, Brian John	1954	Curtis, Lawrance Gordon	1949
Bowness, Alexander	1928	Dahlenburg, Hurtle Henry	1952
Braddock, Dudley Warwick	1938	Dahlenberg, Robert Louis	1953
Braddock, Lyall Arthur	1931	Daley, Vyvyan Lancelot	1928
Brady, Thomas Francis	1921	Dalton, Victor Ernest	1923
Bramwell, Horace Gordon	1932	Daniel, Claude Alfred Vaughan	1921
Brandwood, Marie Earlston	1944	Daulby, Herbert Stanley	1936
Branson, Colin William	1949	Davey, John Vernon	1953
Branson, Kenneth George	1947	Davey, Richard Howard	1950
Braunsthal, Norman Frank	1928	Davidson, Cuthbert Hewett	1924
Bray, Alan Claude	1926	Davis, Agnes Mary	1936
Bray, Bruce	1940	Davis, Brian	1951
Bray, Clifford Samuel	1908	Davis, Bruce Frederick	1938
Brazel, Thomas John	1926	Davis, James Lenton	1933
Brewer, John Burton	1947	Davis, Noel Hewitson	1933
Brice, Alan Herbert	1938	Davis, Rosalie Olive	1923
Brice, Malcolm Hubert	1949	Dawbarn, Richard Bunbury	1930
Bridgland, Lionel Cedric	1932	Dawkins, Harry Blinman	1939
Brissham, Alexander George Herbert	1927	Dawson, David Lancelot	1926
Brock, Noel Howard	1922	Day, Colin Maxwell	1936
Brooks, Sidney Rundle	1933	Day, Frank Vernon	1935
Brown, Leonard Sawtell	1926	Deane, Allan Nicholson	1939
Brown, Thomas Roderick	1923	Deer, Eynon John Cullimore	1954
Brovne, Clifford Harding	1923	Denton, Samuel Bowcher	1928
Buckett, Claude Ernest	1940	Dermott, Alice May	1932
Buckley, William Clarence	1929	Dermott, John Edwin	1921
Bulbeck, Philip Denis	1929	Dewar, Peter Ferguson	1951
Burgess, Ellis Howard	1939	Dickson, Ronald Archibald	1952
Buring, Eleanor Bette	1937	Dobson, Alfred James	1909
Burley, Arnold Robert	1939	Dodd, Robert Hedley, B.A.	1947
Burns, George Eric	1927	Donaldson, John Monfries	1941
Burr, Frederick Samuel	1923	Donnell, Leslie John	1939
Butler, Tom	1939	Dowie, Jean Phillis	1935
Calder, William Cormack	1913	Dowling, Crosby James	1951
Caldwell, Hilda Valmai	1928	Downs, Claude Edmund	1932
Callaway, William Frank	1931	Downs, Donald Archibald	1938
Cameron, Elizabeth Mary	1938	Drabsch, Leo John	1948
Cameron, Roy James	1945	Duffield, Gordon Llewellyn	1936
Campbell, Harold Duncan	1925	Duldig, Milton Edwin	1939
Cane, Jack	1938	Duncan, John Bayfield	1953
Cant, Leonard George	1917	Dunn, Raymond Keith	1950
Cant, Rex Birdsey	1931	Dynon, William Ralph	1951
Carey, Gerald David	1951	Eason, Leonard John	1932
Carter, Alan Keith	1953	Eddy, John Edwin	1934
Carter, David Burleigh	1950	Edson, Eileen Mavis	1930
Carter, Elijah	1952	Edwards, Alfred John	1933
Caut, Leslie George William	1921	Edwards, Colin Arthur	1930
Cavender, Frederick Richard	1940	Edwards, Edgar Morton	1941
Chambers, John Harrold	1926	Edwards, Ernest Albert	1937
Chappie, Keith Fletcher	1934	Edwards, Stanley Herbert	1941
Charles, Armande Joffre	1937	Effick, Henry Birrell	1924
Charlick, Derek Herbert	1939	Elliott, Melva Gwendolene Vivian	1931
Chester, Glen Drummond	1938	Ellis, Fred Leon	1939
Chettie, Walter Richard	1927	Ellis, Kevin Clifford Keith	1934
Chinner, Alan George	1922	Emery, Garth Charles	1941
Christison, Margaret Jean	1940	Eriksen, Theodore Henry	1953
Clark, Phyllis Mary	1933	Errington, Edna Jean	1931
Clarke, Geoffrey Thomas	1923	Evans, Horace Clement	1938
		Evans, Ronald Dennis	1949
		Evans, Alan Grant	1952

Ewens, Leonard Thomas - - - -	1930	Heinemann, John Bryce - - - -	1948
Ewers, William David, B.A. - - -	1943	Heitmann, Colin Richard - - - -	1950
Ewing, William John Murchie - - -	1952	Hendry, Campbell Alexander - - -	1914
Fahey, George Ambrose - - - -	1923	Hiatt, Jack Thomas - - - -	1935
Farquhar, Donald Reginald - - - -	1929	Hiddle, Eugene Hayes - - - -	1953
Farrell, Edward William - - - -	1949	Hieser, Ronald Oswald - - - -	1943
Faull, Kevin Barton Woodfield - - -	1950	Higgins, Harry Coote - - - -	1920
Favilla, Domenico Raffaelo - - - -	1939	Hill, Patricia Pender - - - -	1949
Fewell, Stanley William - - - -	1934	Hill, William Charles - - - -	1933
Filsell, Geoffrey Holbrook - - - -	1942	Hill, William Ross - - - -	1941
Firth, Jack Leader - - - -	1937	Hilton, Kingsley Winlo - - - -	1930
Fisher, David le Sauvage - - - -	1948	Hirst, Ronald Robert - - - -	1935
Fisher, Harold Henry - - - -	1932	Hoad, Sidney Arnold - - - -	1943
Fitzgerald, Teresa Catherine - - -	1931	Hogben, Alfred Richard - - - -	1909
Fleming, Ralph Harry - - - -	1939	Hogben, Horace Cox - - - -	1915
Fleming, Robert Colin - - - -	1933	Holt, William George - - - -	1924
Flew, John William - - - -	1950	Holten, Dora May - - - -	1924
Fogarty, Stanley Patrick Joseph - - -	1950	Homes, Alma Ivy Penelope - - - -	1927
Forbes, Colin Malcolm - - - -	1952	Hooper, Mervyn Perry - - - -	1926
Forbes, Wilfred Roy - - - -	1934	Hooper, Ronald Ley - - - -	1937
Forrest, Peter Cameron - - - -	1949	Horrocks, Charles Edgeworth - - -	1925
Foster, Lily Dorothy - - - -	1935	Hosking, Kathleen Valerie - - - -	1953
Foxworthy, John Henry - - - -	1923	Hourigan, Lloyd David, B.Ec. - - -	1952
Francis, Ainslie DeLacy - - - -	1921	Howard, Cornelius James - - - -	1949
Francis, Stanley Charles - - - -	1924	Howard, Leonard Marie - - - -	1949
Frayne, Jack Edmonston - - - -	1935	Howard, Paul Francis - - - -	1949
Fricke, Lourdes Victoria - - - -	1948	Howie, Douglas Cullen - - - -	1937
Fritsch, Viola Phoebe - - - -	1951	Howie, George Percival - - - -	1916
Frost, Ernest Martin - - - -	1949	Howland, Arthur Stilville - - - -	1934
Fry, Arthur Henry Percival - - - -	1910	Hunwick, Ernest Frederick William - - -	1924
Furze, Noel Edgar - - - -	1927	Hunwick, Leonard William, LL.B. - - -	1939
Gale, Frederick Julius - - - -	1910	Isaachsen, Eric Eduard - - - -	1936
Garrett, Eric Mostyn - - - -	1934	Isaachsen, Oscar Cedric, LL.B. - - -	1937
Garrod, Philip Jesse - - - -	1938	Isbell, William Foulkes - - - -	1952
Gemmell, Alex Stewart - - - -	1936	Jackson, Harold Ernest - - - -	1939
Gibb, Ernest Ullathorne - - - -	1939	Jackson, Leslie Colin - - - -	1941
Gibson, Eric Ambrose - - - -	1925	James, Charles Kingsley - - - -	1918
Giddings, Ian Valentine - - - -	1951	Jamieson, Neil Livermore - - - -	1927
Giles, Kenneth Livingstone - - - -	1924	Jaunay, Donald Robert - - - -	1949
Giles, Stephen Alan Butler - - - -	1927	Jeffery, Charles Frederick - - - -	1938
Gill, Thomas Fergusson - - - -	1935	Jeffery, George Henry - - - -	1933
Ginman, David Charles - - - -	1947	Jeffery, Roy Gordon - - - -	1940
Glastonbury, Oliver Albert Isaac - - -	1929	Jeffress, Leslie Charles - - - -	1928
Glenn, Ross William - - - -	1952	Jenkinson, Keith Travers - - - -	1938
Gluyas, Neil James - - - -	1937	Jenner, Arnold Miller - - - -	1929
Golovsky, Israel - - - -	1921	Jennings, George - - - -	1952
Gordon, Colin Herbert - - - -	1941	Jessup, George Aubrey - - - -	1927
Gordon, Douglas Maitland - - - -	1938	John, Brian - - - -	1953
Gosden, Robert Byron - - - -	1949	Johns, Darby Richard - - - -	1953
Gramp, Sidney Douglas - - - -	1941	Johnson, Douglas Oswald - - - -	1949
Grant, Kenneth Jack - - - -	1929	Johnson, George Ronald - - - -	1939
Gray, Gilbert William - - - -	1923	Johnson, Harry Witter - - - -	1932
Green, Lawrence Goodwin - - - -	1928	Johnston, Noel Stuart - - - -	1950
Greenham, Alfred Howard - - - -	1923	Johnston, Verner - - - -	1949
Greig, William Ronald - - - -	1929	Jones, Albert Stewart - - - -	1954
Gubbins, Geoffrey Garfield - - - -	1953	Jones, Elizabeth May - - - -	1926
Haddad, Victor - - - -	1938	Jones, Joyce Gertrude - - - -	1944
Hamilton, Frank Douglas - - - -	1940	Jones, William Henry - - - -	1952
Hammann, Arthur Edwin - - - -	1927	Joyce, Alan Francis - - - -	1941
Hand, Allan - - - -	1934	Judd, Percival Richard Henry - - -	1926
Hand, Milton John - - - -	1948	Kelly, Brian Patrick - - - -	1949
Hanley, Alice - - - -	1939	Kelly, Hartleigh - - - -	1933
Hann, Maxwell Keith - - - -	1938	Kelly, Isobelle - - - -	1927
Hannan, Edward Graham - - - -	1947	Kelsey, Jack - - - -	1932
Hannon, James - - - -	1952	Kenihan, John Dudley - - - -	1933
Harlow, James Keith - - - -	1941	Kennedy, Mervyn George - - - -	1932
Harnden, Jack - - - -	1952	Kerr, Trevor Grant - - - -	1954
Harnett, William Edwin - - - -	1948	Kesting, Ernest Arthur - - - -	1930
Harper, Ronald George - - - -	1935	Kilgariff, Aloysius Kevin - - - -	1951
Harrell, Max Ambrose - - - -	1952	King, John Bugler - - - -	1937
Harris, Frank Randall - - - -	1949	King, Norman Reginald - - - -	1949
Harris, Norman Alexander - - - -	1934	Kinnish, Florence Maud - - - -	1920
Harris, Robert Oxenberry - - - -	1951	Kirkman, David - - - -	1938
Harris, Ronald Firth - - - -	1939	Knight, Bernard Murray - - - -	1938
Harris, Russell Hope - - - -	1912	Knox, Rex - - - -	1949
Harrison, William Frank - - - -	1908	Koch, Othall Ludwig - - - -	1937
Harvey, Keith William - - - -	1952	Kumnick, Donald Kerr - - - -	1933
Harwood, Ralph Felix - - - -	1952	Lahiff, Arthur Stanley - - - -	1951
Haslam, Alan Francis - - - -	1935	Lambert, Anthony Wilson - - - -	1945
Hastwell, Robert Duncan - - - -	1950	Lang, James Thomas - - - -	1937
Hawkins, Alfred Raymond - - - -	1947	Langcake, William Charles - - - -	1940
Haydon, Colin Maurice - - - -	1951	Langsford, Leonard Graham - - - -	1948
Haynes, Stanley Gordon - - - -	1953	Lapthorne, Cecil Lindsay John - - -	1948
Heairfield, Walter George - - - -	1930	Laughton, Robert Bruce - - - -	1942
Healy, Francis Robert - - - -	1937	Laver, Robert William - - - -	1940

Lenton, Leslie	1916	Mullen, Brian Anthony	1930
Letcher, William John	1934	Mullin, Mary Margaret	1925
Lever, Cecil Harry	1939	Mullins, Francis Patrick	1926
Levett, Geoffrey Frederick	1950	Munro, Elizabeth Margaret	1930
Lewis, Clarence George	1924	Murray, Donald	1930
Lewis, Rex Ernest	1930	Murray, Ronald George	1936
Lillywhite, Bessie	1925	Mutton, Henry Edwin Howard, M.A.	1926
Lloyd, Harold Trent	1926	Nairn, Donald Maxwell	1936
Loan, William Clarence	1923	Naulty, Reginald	1937
Lodge, Maurice Arnold	1929	Nave, John Lionel	1929
Loneragan, Eric Norman	1949	Needham, George Francis Jack	1911
Longmire, Frank Albert	1940	Nettle, Kenneth Ralph	1948
Lorimer, Robert William	1922	Neuenkirchen, Hermann Adolph Heinrich	1912
Loughrey, Arthur Bernard	1941	Newbold, Murray Charles Lewis	1949
Love, Ronald Edward Beaumont	1934	Newman, Kenneth Fisher	1928
Lowe, Kenneth Maurice	1939	Nicol, Beryl Elvira	1943
Lucas, Francis James	1953	Oakley, Lyle Beresford	1949
Lucas, Ralph Mervyn	1952	O'Brien, Paul Dominic	1937
Luxmore, John Alexander	1931	O'Dea, John Leonard	1950
Lyon, Colin Grant	1929	O'Donnell, James Richard	1941
Lyon, James Cobbett	1925	O'Flaherty, Michael Sidney	1948
McAnaney, William Patrick	1931	O'Flaherty, Reginald Kitchener	1937
McAulay, John Albert Galster	1932	O'Flaherty, William Edward	1951
McAuliffe, Lionel Frank	1934	O'Grady, Michael James Anthony	1950
McCarron, Philip Bernard Alphonsus	1925	O'Grady, Oswald James	1923
McCarthy, John Anthony	1930	Oliphant, Nigel Besant	1933
McDonald, Dorothy Patricia	1935	Oliver, Edward Bruce	1935
McEgan, Ernest William	1923	Oliver, Raymond Charles	1933
McFarlane, Maude Evans	1928	Ophel, Ralph Burnell	1933
McFarlane, Malcolm Ross	1952	Ormond, Colin William	1943
McGarry, Donald Martin	1936	Othams, Douglas Geoffrey	1954
McKee, Geoffrey Nolan	1935	Padget, Dora Jane	1928
McKee, George Angus	1927	Paech, Richard Leonard	1947
McKee, William Albert Kenneth	1926	Painter, Edward Websdale	1920
McKenzie, Allan John	1933	Palmer, Bruce Cole	1938
McLachlan, John Kingsborough	1954	Paltridge, Angus Lindsay	1950
McLean, Allan William	1921	Parham, Geoffrey William	1954
McShane, Reginald Edward	1951	Park, Gilbert Maxwell	1923
Mack, Arthur William	1925	Parkinson, John Haslam	1934
Mack, Jack Hamilton	1953	Parr, Harry Sidney	1916
Macklin, Bruce Roy	1939	Parr, Stanley Robert	1949
Maegraith, Paul Reginald	1952	Pascoe, Douglas Everett	1927
Mahoney, John Joseph	1927	Pascoe, Ronald Francis	1936
Malcolm, Kathleen	1933	Patterson, Isabel Maude Holmes	1945
Marchant, Vernon Harold	1929	Patterson, Robert Banks	1936
Marrett, Lorna Liggett	1922	Payne, Randolph Douglas	1948
Marsden, Bruce Cecil	1951	Pearce, Francis James	1952
Marshall, Alma Kathleen	1921	Peart, Kathleen Grace	1947
Martin, Colin Walter	1925	Pederick, Hubert Oswald	1929
Martin, Eric Joan	1923	Penglase, Ronald Clyde	1954
Masters, Reginald Keith	1938	Pentelow, Edith May	1929
Mathews, Hugh Charles	1951	Perriam, Clifford Allan	1937
Mathews, Reginald William	1928	Perriam, Eric Charles	1939
Matthews, Leonard George	1934	Peterson, Ronald John	1937
Maunder, Leonard Edward James	1926	Phelps, Winifred Annie	1925
Mead, John William, B.Ec.	1953	Philcox, Claude Joseph Owen	1923
Meaney, Thomas Francis	1948	Pike, Vernon Horace Charles	1937
Mehrtens, Bronte	1950	Pitcher, Ronald Samuel	1923
Mengerson, Norman Victor	1919	Pledge, Martha Phoebe	1930
Menkins, Frank Hermann	1908	Pollnitz, Percy Frederick	1935
Merchant, Eric George	1948	Ponder, Gilbert Walter Graham	1914
Messent, Albert Edward	1908	Potter, Donald Roy	1937
Messent, Frank Ashby	1927	Potter, Frank Jacques	1942
Middleton, Clement Roy	1951	Potter, Wilfred Tom	1951
Miller, Gavin Robert	1918	Pounsett, John Lenton	1949
Miller, Lyle Clark	1947	Price, Henry Ernest	1930
Mills, Edward Whitfield	1915	Prior, Olive Cora	1933
Mills, Robert Neil	1951	Proud, Katherine Lily	1910
Minson, Charles Stanley	1930	Pulford, Vivian George	1948
Mitchell, Bruce	1919	Puttman, Robert Marsh	1954
Mitchell, John Turnbull	1938	Raffelt, Helene	1925
Mitchell, Lurline Vaughan	1933	Ramsey, Alfred Maxwell	1941
Mitchell, Shirley Eileen	1944	Ransom, William Robert George	1932
Mobsby, Edward Tompson	1940	Raymond, Reginald Norman	1935
Moncrieff, Joan Lorimer	1925	Read, Angus Robert	1929
Moore, Walter Harry	1935	Read, Howard Llewellyn	1926
Moore, Warwick Grey	1935	Redman, Jessie Adelaide	1929
Morcom, Kenneth Douglas	1940	Reed, Frank Basil	1939
Mortess, Eric James	1925	Reilly, Lawrence Joseph	1948
Mould, Francis Edmund	1927	Reynolds, Ernest Joseph Walter	1925
Mount, Michael Jaunay	1951	Rhodes, Ronald Sydney	1927
Moyes, Cecil Clarence	1918	Richards, Kenwyn Howard	1937
Moyes, Charles Robert	1913	Richardson, Jack Avon	1928
Moyle, John Ewart	1917	Riches, Robert Wilfred	1932
Muecke, Carl Wilhelm Ludwig	1908		

Ridgway, Frank Reginald	1938	Thamm, Louis George	1933
Riebe, Erwin John	1929	Thomas, Bruce Ian	1938
Riley, Olly Beata	1931	Thomas, Harold Clarke	1908
Ringwood, Robert Ainslie	1939	Thomas, Jack	1928
Rippin, John William	1949	Thompson, Frederick Aubrey Jones	1929
Roberts, James Andrew	1935	Thompson, Jack	1949
Roberts, Kenneth James	1949	Thompson, Terence Dudley	1949
Roberts, Ronald Theodore	1953	Thredgold, Lorna Wynnie	1944
Robertson, George Oliver	1908	Thurston, Frank Harris	1923
Roennfeldt, John William	1937	Thyer, Walter Vernon	1921
Rooney, John Francis	1928	Tilbrook, Kevin Townsend	1949
Rose, Vivian Clement	1933	Tillett, Arthur Colin	1930
Rowe, George Eddy	1951	Todd, Beryl Nance	1940
Rungie, Maxton Keith	1934	Topperwein, Jessie Jeanette	1925
Rush, Douglas Bartlett	1949	Travers, Edward Ambrose	1923
Rush, Herbert Stanley	1934	Treleaven, Ross	1950
Russack, Frederick William, jun.	1927	Treloar, Ronald William	1949
Ryan, William John	1927	Trigg, Frank Elliot	1926
Safra, Benjamin Louis	1950	Trimmer, Noel Donavan	1950
Sambell, Frederick James	1919	Tucker, Colin Pryor	1950
Sando, Gordon Victor	1929	Tuckwell, Kenelm Sinclair	1925
Sarre, James Ayrton	1938	Turnbull, George Alexander	1930
Sawade, Ronald Frederick	1954	Turner, Arthur Frederick	1932
Scanlan, Ronald Frederick	1951	Turner, Jack	1925
Schedlich, Bryan Linn	1951	Turner, Mervyn Richard	1938
Schirmer, Gerhart Percy	1942	Turner, Percy	1913
Schneider, Wilfred, B.E.	1932	Turner, Raymond Stanmore	1930
Schumacher, Bert Edward Bernard	1933	Twiss, William Wilmott	1935
Seaman, Gilbert Frederick	1935	Underhill, Joseph Douglas	1950
Searcy, John Dudley	1934	Valentine, Thomas George	1950
Seddon, Gordon David LeMessurier	1939	Vawser, Leeson William	1920
Sellars, Norman Lionel	1923	Vawser, Frank Derwent	1925
Selth, Maurice Burfitt	1938	Vawser, Noel Keith	1941
Shepherd, Rupert Lloyd	1927	Vawser, Wilfred Douglas	1940
Sheppard, Bernard Aubrey	1910	Verco, Harry	1932
Sheppard, John Tyndall	1928	Vincent, Mary	1935
Shier, Marjorie Dufty	1939	Viney, Lawrence George	1940
Shuttleworth, Robert Thomas	1926	Virgo, Ronald Gilmour	1937
Simmons, Donald William	1939	Wagstaff, Ronald	1937
Simmons, Peter James	1950	Wahlqvist, Hugo Carl	1923
Simpson, Alfred Moxon, B.Sc.	1949	Walch, Geoffrey Roberts	1937
Simpson, John Favilla	1948	Waldeck, Reginald David Chapple	1933
Slade, James Henry Gray	1938	Walkington, Newton Gilbert	1934
Slape, Marcus Frank	1937	Walsh, Paul	1941
Smith, Charles Alfred	1910	Walter, Hugh Garthwaite Ephraim	1938
Smith, Clarice Margaret	1929	Wardman, Charles Howard	1941
Smith, Dawn	1949	Wauchope, James George Neilson	1911
Smith, Eileen Milton	1930	Webb, George Carlile	1938
Smith, Henry Morris	1928	Werfel, Mavis Jean	1948
Smith, Isaac Francis	1923	West, Kenneth Charles	1951
Smith, Kenneth Brian Innes	1949	Wheeler, Horace Roseby	1911
Smith, Leslie Hamilton	1953	Whelan, Patrick John	1937
Smith, Margaret Shea	1950	White, Godfrey Alfred	1947
Soar, Dudley Turner, B.Ec.	1953	White, Jack Walter Robert	1950
Soar, Harold Arnold	1953	White, Wilfred Allan	1940
Solly, Hubert Ambrose	1913	Whitridge, Gladstone Keith	1920
Soper, Graham Michael	1954	Whittenbury, Vernon Frank	1949
Sorell, Donald George	1945	Whittle, Ralph Keith Linthorne Cresdee	1952
Spence, Lionel Dudley	1948	Whitwell, Bruce Dowland	1934
Spitz, Francis	1954	Wickes, Donald William	1937
Stalley, Douglas John, B.Ec.	1952	Wildy, Mervyn Arthur George	1950
Stanford, Walter Henry	1927	Wilkins, Ada Dorothy Marion	1927
Stapleton, Thomas Leslie	1943	Williams, Albert Bruce Wauchope	1925
Starling, Clifford Joseph	1947	Williams, Edward George	1934
Steele, Robert Moore	1908	Williams, Eric Spencer	1922
Stephenson, Ezra	1928	Williams, Gilbert Raymond	1953
Stephenson, John	1924	Williams, John Carter	1917
Stock, Adrian Aston	1941	Williams, Kenneth Douglas	1951
Stoner, Ross Arthur	1953	Williams, Norman Lindsay	1951
Stuart, Arthur Donald	1926	Williams, Ronald Bannister	1937
Sulan, Charles	1952	Williams, Zena Vera	1926
Summers, David Charles	1937	Williamson, Harold Edgar	1926
Sunter, John Scott	1936	Wilson, Aileen Elsie	1952
Swan, John Gordon	1948	Wilson, William Norman	1950
Swanson, Alexander	1929	Wilton, James Hardy	1954
Swanson, James Baikie	1948	Winch, Ronald Thomas	1954
Sweeney, James	1935	Winter, Claude Howard Stanley	1914
Talbot, John Saxton	1940	Wood, Alfred Evelyn	1909
Tassie, Eric Harry	1917	Wood, Maurice Garnet	1938
Taylor, Deane Brownfield	1938	Woolcock, Alan Burnett	1939
Taylor, James Scott	1933	Woolcock, Royal Johnston	1928
Taylor, Raymond Fyfe	1947	Wright, Dorothy Maud	1929
Taylor, Ronald	1952	Wright, Robert Samuel	1941
Taylor, Walter Henry	1935	Wyett, Ernest Stanley	1931
Temme, Bernhard Robert	1931	Young, Norman Smith	1930

## ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford	1953	Kay, Harold Edwin	1938
Anthony, Ernest	1950	Laver, Robert William	1952
Belcher, Milton Judson	1937	Lee, Frank Botham	1937
Brooks, Sidney Rundie	1938	Lokan, Albert Henry	1939
Burton, Roy Victor	1937	Mattingley, Maxwell Albert Percy	1945
Carey, Edward John	1936	Menear, Ira, B.A.	1953
Cavalier, Elizabeth Mary	1943	Messent, Esther Mary, B.A.	1936
Clark, James	1938	Millard, Clifford James	1933
Collett, Kenneth James	1953	Naylon, Augustin James	1934
Combe, Bernard Milo	1937	Ormond, Colin William	1949
Cook, Gordon James, B.Ec.	1948	Pollnitz, Percy Frederick	1938
Coombe, Albert	1932	Pope, Hugh Gilmore	1932
Coombe, Samuel	1936	Pretty, Walter Arthur	1948
Coonan, Edward Raymond	1949	Priest, Alan Hewett	1937
Cottrell, Francis Allan	1934	Rescigh, Claude Edgar	1934
Craker, Arthur Ernest	1932	Roberts, John William	1953
Dale, Richard Charles Moritz	1940	Robinson, David Floyd	1935
Daniel, Claude Alfred Vaughan	1935	Russell, Andrew Earl Lindsay	1951
Davis, Brian	1952	Ryan, Charles Landers	1941
Deane, Allan Nicholson	1936	Sando, Maurice Hughes	1934
Dodd, Aubrey Francis Rule	1948	Simmons, Donald William, B.Ec.	1950
Doecke, Heinrich Albert	1931	Slade, James Henry Gray	1932
Donaldson, John Monfries	1936	Smith, Harold Reid, LL.B.	1949
Doyle, Leo James, LL.B.	1951	Temme, Bernhard Robert	1933
Dunstan, Jack Connon	1952	Thomas, William Henry Oswald	1947
Gordon, Coleman Guildford	1939	Tillett, Arthur Colin	1950
Griffin, Ray Edwin	1953	Voyzey, William	1952
Hammond, Raymond Charles	1951	Walker, Colin Alexander Dunstan	1948
Hewett, Alexander Macdonald	1938	Wellington, Murray Morley	1949
Hutchinson, Hugh Morgan	1940	West, Kenneth Charles	1949
Jackson, Harold Ernest	1935	Wharldall, Lancelot Arthur	1953
Jeffery, Charles Frederick	1934	Whitford, Alfred Eugene	1941
Johnson, Maxwell Colin	1953	Wight, Robert James	1938

## DIPLOMA IN MINING ENGINEERING AND METALLURGY AND FELLOWSHIP OF THE SOUTH AUSTRALIAN SCHOOL OF MINES AND INDUSTRIES

Awarded from 1901 till 1912. For list of awards see Calendars up till 1942.

## DIPLOMAS IN APPLIED SCIENCE

Awarded from 1913 till 1941. For list of awards see Calendars up till 1942.

## DIPLOMA IN FORESTRY

Pinches, Alfred Leslie	1914	Schedlich, Alfred Karl	1914
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## DIPLOMA IN EDUCATION

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



Donnellan, Teresa Marie, B.A.	- - -	1950	Hiskey, Thomas Alan, B.A.	- - -	1951
Dowdy, Norman James, B.A.	- - -	1949	Holland, Joan, B.A.	- - -	1948
Downs, George William, B.A.	- - -	1948	Hoskins, Howard Berthold, B.A.	- - -	1938
Dungey, Kevin Leonard, B.A.	- - -	1944	Howard, Ephrem, B.A.	- - -	1940
Dunn, Edith Marie, B.A.	- - -	1942	Howlett, Nellie Ruth, B.A.	- - -	1944
Dunn, Sydney Stephen, B.A.	- - -	1951	Howlett, Philip Thomas Michael, B.A.	- - -	1944
East, Vernon Roy, B.A.	- - -	1948	Humphries, Arthur Cecil George	- - -	1941
Eden, Owen Frederick, B.Sc.	- - -	1951	Hutson, Walter William	- - -	1945
Edwards, Victor Wilfred Aicom, B.A.	- - -	1948	Ireland, Norman Arthur, B.A.	- - -	1924
Elder, Audrey Olive, B.A.	- - -	1950	Isom, Constance Ruth, B.A.	- - -	1942
Eley, Agnes May, B.A.	- - -	1948	Jenkin, Alfred John Roseland, B.A.	- - -	1939
Evans, Mary, B.A.	- - -	1941	Jenkins, Rex Desmond, B.A.	- - -	1943
Ewers, William David, B.A.	- - -	1940	Johncock, Ernest Harry, M.A.	- - -	1929
Falkenberg, Walter Edwin, B.A.	- - -	1942	Jolly, William Richard Norman, B.A., B.Sc.	- - -	1989
Farmer, Helen Robinson, B.A.	- - -	1948	Jones, Albert Walter, B.A., B.Sc.	- - -	1939
Farrell, Edward Francis, B.A.	- - -	1944	Jones, Reginald John, B.A.	- - -	1954
Farrow, Murray Aubrey, B.A.	- - -	1947	Jordan, Deidre Frances, B.A.	- - -	1951
Featherstone, Dora Bewlay, B.A.	- - -	1923	Juett, Christina Margaret, B.A.	- - -	1943
Fechner, Martin Johann Traugott, B.A.	- - -	1940	Kean, Eileen Margaret, M.A.	- - -	1954
Fehberg, Tasman Julius August, B.A.	- - -	1942	Kearney, Bernard James	- - -	1949
Finn, Beatrice Mary, B.A.	- - -	1943	Kelly, Ellen, B.A.	- - -	1934
Fisher, Ruben Walter Alfred, B.A.	- - -	1950	Kenny, Martin Lance, B.A.	- - -	1942
Fitzgerald, Bartholomew John, B.A.	- - -	1932	Keon-Cohen, Russell Hallel, M.A. (Melb.)	- - -	1947
Fitzgerald, Clarence Lindsay, B.A.	- - -	1954	Kerslake, William James	- - -	1942
Fitzpatrick, Alexander Thomas, B.A. (Melb.)	- - -	1954	Kesting, Louis John, B.A.	- - -	1945
Fitzpatrick, Clifford George, B.Sc.	- - -	1952	Keynes, Nanette Joan, B.A.	- - -	1950
Flower, Clifford Horace Kenneth Dunn, B.Sc.	- - -	1928	Kies, Alick Andrew, B.A.	- - -	1948
Flynn, Kevin John, B.A.	- - -	1942	Kildea, Mary Francis, B.A.	- - -	1941
Forbes, William, B.A.	- - -	1939	Klaebe, Ruth Adelaide, B.A.	- - -	1951
Forsyth, Elliott Christopher, B.A.	- - -	1950	Kloeden, Louis Adolph, B.A.	- - -	1951
Fricker, Lyall Peterie, B.Sc.	- - -	1951	Knauerhase, Oscar Carl, B.A.	- - -	1938
Fulton, Gwen Evelyn Hamilton, M.A.	- - -	1945	Koehne, Raymond Percy, B.A.	- - -	1948
Gann, Eric Crump, B.A.	- - -	1954	Laidlaw, William Clarke, B.A.	- - -	1940
Care, Lloyd, B.Sc.	- - -	1938	Lamey, Charles Sydney, B.A.	- - -	1937
Gazard, Geoffrey Albion	- - -	1949	Laslett, Ian John, B.Sc.	- - -	1954
Gent, Alan Franklia, B.A.	- - -	1950	Lawry, Reginald Arthur, B.A.	- - -	1947
Georg, Victor Gerhard, B.A.	- - -	1952	Leach, William Valentine, M.A. Dip. Econ.	- - -	1928
Gerlach, Max Johann, B.A.	- - -	1927	Lemcke, Vincent Andrew Howard, B.A.	- - -	1949
Gibbs, Alfred Lewis Burnand	- - -	1949	Lewis, Leonard Arthur, B.Sc.	- - -	1947
Gibson, Ernest Stephen Harvey, M.Sc.	- - -	1942	Lewis, Raymond Douglas, B.Sc.	- - -	1948
Gibson, Gladys Ruth, B.A.	- - -	1940	Lillecrapp, Douglas Arthur Julian, B.A.	- - -	1950
Gibson, Graham Coyne, B.A.	- - -	1953	Lushey, Harold Merton, M.A.	- - -	1930
Giersch, Leonard Ernst, B.A.	- - -	1943	Lynch, John Henry, B.A.	- - -	1960
Gilchrist, Robert James	- - -	1950	McCarthy, Bernard, B.A.	- - -	1942
Gill, Clarence William, B.A.	- - -	1940	McCullough, Amy Margaret, B.A.	- - -	1945
Glastonbury, Dudley Ivan, B.A., B.Sc.	- - -	1935	McDonald, Donald Stuart, B.A.	- - -	1945
Glastonbury, James Oliver Garnet, B.A., B.Sc.	- - -	1934	McDonald, Gilbert Sherman, B.A.	- - -	1934
Glynn-Roe, Wilfred Joseph	- - -	1950	McDonald, John Hunter, B.A.	- - -	1956
Golding, Edmond William, B.A.	- - -	1951	McDonald, Percy William, B.A.	- - -	1940
Golding, Phyllis May, B.A.	- - -	1954	McElroy, Anthony Godfrey	- - -	1947
Goldsworthy, John Garfield, M.A.	- - -	1951	McEvoy, Aloysius John, B.A.	- - -	1942
Goldsworthy, Reuben, B.Sc.	- - -	1954	McGowan, George Murray, B.A.	- - -	1940
Graham, Mary Theresa, M.A.	- - -	1940	McIntosh, Florence	- - -	1945
Green, Richard Maslen, B.A.	- - -	1940	McKay, Malcolm William, B.A.	- - -	1938
Griggs, Clarence Middleton, B.Sc.	- - -	1928	McKinnon, Robert Campbell, B.A.	- - -	1936
Grosvenor, Edna Mary, M.A.	- - -	1951	McLay, Andrew Harold, B.A.	- - -	1954
Gunton, James Donald, B.A.	- - -	1940	McLean, Murray Colin, B.A.	- - -	1951
Haese, Frederick Ernest Douglas, B.A.	- - -	1952	McLean, Reginald Alexander, B.A.	- - -	1936
Hansberry, John Pierce, B.A.	- - -	1949	McMutrie, Alfred Ian, B.A.	- - -	1939
Hansberry, Mary Estelle, B.Sc.	- - -	1953	McMutrie, Colin, B.A.	- - -	1939
Hansen, Ian Victor, B.A.	- - -	1954	McPherson, Alexander Owen, M.A., B.Sc.	- - -	1939
Harper, Ronald George, B.A.	- - -	1941	Macklin, Laura Muriel Caterer, B.A.	- - -	1939
Harrington, Colin	- - -	1949	Macpherson, Reginald Murray, B.A.	- - -	1948
Harris, Donald Dunstan, M.A.	- - -	1934	Magor, Clifford James, M.A.	- - -	1945
Harris, Dudley Andrew, B.A.	- - -	1940	Magor, Irvine Frank, B.A.	- - -	1943
Harris, Lorna Muriel, B.A.	- - -	1950	Manuel, Deane James Hubert, B.Ec.	- - -	1952
Harris, Shirley Joyce, B.A.	- - -	1948	Marshall, Herbert Edmund, B.A.	- - -	1941
Hart, Arthur Maxwell	- - -	1950	Marshman, Ashley Mead, B.A.	- - -	1950
Harvie, Sydney Haral, B.Sc.	- - -	1938	Martin, Alfred William, B.A.	- - -	1953
Hasenohr, Edward, B.A.	- - -	1952	Martin, Amalia Anna, B.A.	- - -	1941
Hauser, Frederick Herbert, B.A.	- - -	1934	Martin, Ralph Keith, B.A.	- - -	1948
Hayward, Walter Richard, B.A.	- - -	1937	Martin, Walter Raymond, B.A.	- - -	1941
Healey, Nora Kate, B.A.	- - -	1941	Maschmedt, Zillah Daisy, B.A.	- - -	1940
Heidenreich, George Bernhardt Franz, B.A.	- - -	1948	Matters, Horace John	- - -	1950
Heinemann, Mervyn Lambert, B.A.	- - -	1948	Matthews, Richard Trahair, B.A.	- - -	1943
Hickey, Kathleen Veronica, B.A.	- - -	1950	Mattingley, Brian John, B.A.	- - -	1939
Higginbottom, Edwin Corlett, B.A.	- - -	1929	May, Dorothy Mary, B.A.	- - -	1948
Higgins, Alfred James, B.A.	- - -	1950	May, Leonard Seymour, B.Sc.	- - -	1939
Hilbig, Paul Berthold, B.A.	- - -	1935	Maynard, Donald Archer Scott, B.Sc.	- - -	1940
Hilton, Arthur Robert, B.A.	- - -	1936	Maguire, John Charles, B.A.	- - -	1947
Hirst, Ronald Robert, B.Ec.	- - -	1944	Meadsay, Ellen May, B.A.	- - -	1947
			Meadsay, Shirley, B.A.	- - -	1949

Middleton, Melville John William, B.A.	1943	Sharman, Florence Mary, M.A.	- - -	1923
Miller, Annie Rose, B.A.	- - -	Shaw, John Robert Stockdale, M.A.	- - -	1942
Milne, Annie Johnson, B.A.	- - -	Shaw, Kate Hambly, B.A.	- - -	1937
Mitchell, Annie Nora	- - -	Shepherd, John Alfred, B.A.	- - -	1942
Molloy, Raymond Brian, B.A.	- - -	Shrowder, Ronald Louis, B.A.	- - -	1943
Morris, John Lennox, B.A.	- - -	Simpson, Penelope Margaret, B.Sc.	- - -	1953
Mueller, Edwin Albert, B.A.	- - -	Slee, Dugald Haughton, B.A., B.Sc.	- - -	1940
Mueller, Rae Vernon, B.Sc.	- - -	Smale, Thomas Charles, B.A.	- - -	1951
Muetzelfeldt, Elfriede, B.A.	- - -	Smith, David Carswell, B.A.	- - -	1939
Mules, Betty Lavina, B.A.	- - -	Smith, Edward Rowland, B.Sc.	- - -	1945
Mundy, Kevin Arnold, B.A.	- - -	Smith, Henry Elliott Wesley, B.A.	- - -	1938
Murphy, Mary, B.A.	- - -	Smith, Joan Francis, B.A.	- - -	1953
Murphy, Shylie Patricia, B.A.	- - -	Smith, John Fife, B.A.	- - -	1939
Nicholas, Rowland John, B.A.	- - -	Smith, Sheila Isabel Wesley, B.A.	- - -	1947
Nicholls, Barbara Ruru, B.A.	- - -	Spargo, Stanley Carr, B.A.	- - -	1939
Nietz, Arno Oscar, B.A.	- - -	Sparrow, Lorna Discombe, M.A.	- - -	1941
Ninnes, Arthur Reginald, B.A.	- - -	Stead, Sydney Arnold, B.Sc.	- - -	1949
Noblett, Hedley Lindsay, B.A.	- - -	Storch, Wilhelm Murray, B.A.	- - -	1949
O'Brien, Francis John Romuald, B.A.	- - -	Strahan, Anthony William, B.A.	- - -	1939
Ockenden, Garth Palmer	- - -	Sugg, Bentham Horace, B.A.	- - -	1940
O'Connell, William Bernard, M.A.	- - -	Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Educ., 1943)	- - -	1939
O'Malley, John Edwin, B.A.	- - -	Symonds, Wybert Milton Caust, B.Sc.	- - -	1939
O'Neill, Cornelius Patrick, B.A.	- - -	Tapp, Adrian, Lynda, B.A.	- - -	1928
O'Neill, Maguerite, B.A.	- - -	Ternan, Verna Joyce, B.A.	- - -	1945
Osman, Neile, M.A.	- - -	Theobald, Howard Wesley	- - -	1954
Owen, Gwenth Winsome, B.A.	- - -	Thiele, Colin Milton, B.A.	- - -	1947
Page, Eleanor Florence, B.A.	- - -	Thompson, William, B.A.	- - -	1941
Parkes, Roy Frederick Walter	- - -	Tomlinson, Betty Mary, B.A.	- - -	1950
Parsons, Edward Clarence, B.A.	- - -	Tonkin, Mary Elizabeth, B.A.	- - -	1952
Parsons, William Ross, B.A.	- - -	Torr, Shirley Constance	- - -	1944
Pash, Hannah Rita, B.A.	- - -	Townsend, Herbert Louis, B.A.	- - -	1945
Paul, Alec Gordon, M.A., B.Sc.	- - -	Traeger, Keith Terence, B.A.	- - -	1950
Payne, George Basil, B.A.	- - -	Treasure, Eunice Jessie, B.A.	- - -	1947
Pearce, Alfred Moreton, B.A.	- - -	Treasure, Valda Beth, B.A.	- - -	1953
Pearce, Charles Clifton, B.A.	- - -	Tregenza, Sydney Lloyd, B.A.	- - -	1935
Pearson, Howard James, B.A.	- - -	Trenorden, James Henry	- - -	1945
Pearson, Leslie Norman, B.A.	- - -	Trudinger, Ronald Martin, B.A.	- - -	1944
Pedlow, Clarice, B.Sc.	- - -	Tuckwell, Eric Clavering, B.A.	- - -	1945
Pennicott, Ralph William	- - -	Tuckwell, Kenelm Sinclair, B.A.	- - -	1945
Pennington, Beryl, B.A.	- - -	Turner, Constance Mary, B.A.	- - -	1954
Penny, Hubert Harry, B.A.	- - -	Twartz, Arnold Frederick, B.Sc.	- - -	1944
Perry, Dulcie May, B.A.	- - -	Twartz, Clement Wilford	- - -	1950
Peters, George Francis, B.Sc.	- - -	Verrall, Raymond Wilfred, B.A.	- - -	1942
Peterson, Jean Clarice, B.A.	- - -	Vickery, Frederick Arthur, M.A.	- - -	1935
Phillips, Gordon Gilbert, B.A.	- - -	Wache, Ethel Mabel, B.A.	- - -	1941
Pitman, Beresford Ernest, B.Sc.	- - -	Waite, Jack Francis Enos, B.A.	- - -	1939
Polkinghorne, Keith, B.A.	- - -	Wakeford, Sidney Claud, B.A.	- - -	1939
Porter, Harold George, B.A.	- - -	Walker, Gilbert John, B.A.	- - -	1944
Price, Ione Dorothy, B.A.	- - -	Wallace, Francis Joseph	- - -	1953
Prime, Andree Joyce, B.A.	- - -	Ward, Margaret Kennings, B.A.	- - -	1953
Proctor, Ivy Millicent, B.A.	- - -	Warren, Sidney Lilla, B.A.	- - -	1927
Provis, Douglas Franklin, B.Sc.	- - -	Watkinson, Mavis Daphne, B.A.	- - -	1942
Pryor, Eric John, B.A.	- - -	Wattchow, Colin Edward, B.A.	- - -	1954
Pyne, Maurice Ignatius, B.A.	- - -	Wauchope, Mavis Lorelie, B.A.	- - -	1929
Rabone, Harry Klements Percival, B.A.	- - -	Waugh, William McDonald, B.A.	- - -	1952
Radcliffe, Sheila, B.A.	- - -	Wayne-Smith, Reginald John	- - -	1953
Ray, Marjorie, B.A.	- - -	Webb, Emmaline Nancy, B.A.	- - -	1952
Read, Philip Andreas, B.A.	- - -	Westgarth, Walter Tebble, B.A.	- - -	1928
Redden, Martin Philip, B.A.	- - -	Whalan, Lionel Walter, B.A.	- - -	1950
Reed, Barbara	- - -	Whitburn, Jack, B.A.	- - -	1935
Rendell, Alan, Dip.Econ.	- - -	Whitelaw, Albert James, B.A., B.Sc.	- - -	1945
Renner, Johannes Theodore Erich, B.A.	- - -	Whittle, Edith Julia, B.A.	- - -	1954
Reynolds, Maxwell Stanley, B.A.	- - -	Wilkins, Ray Eber, B.A.	- - -	1950
Richards, Gordon Alfred, B.A.	- - -	Wilksch, Betty Ruth, B.A.	- - -	1953
Richards, William Edward, B.A.	- - -	Willcocks, Robert Douglas, B.Sc.	- - -	1954
Riedel, Felix Daniel, B.A.	- - -	Williams, George Esson Keith, B.A.	- - -	1941
Robinson, Samuel Foster	- - -	Williams, James Henry, B.A.	- - -	1922
Rodgers, Frances Ada, B.A.	- - -	Williams, Phillip Glenly, B.A.	- - -	1943
Roehrs, Herma Erika, B.A.	- - -	Williams, Walter Leslie, B.A.	- - -	1949
Rooney, Clifford, B.Sc.	- - -	Willington, Lloyd Stanley	- - -	1950
Rooney, Lois Josephine, B.A.	- - -	Wilson, Francis Patrick	- - -	1943
Rudd, Kenneth Clive, B.A.	- - -	Wilson, Jack Woodrow, B.Sc.	- - -	1943
Ryan, Michael Rupert, B.A.	- - -	Wilson, Luther Ernest Crosby, M.A., B.Sc.	- - -	1939
Sage, Harold Robert, B.A.	- - -	Wood, Allen Edwin, B.A.	- - -	1947
Sandercock, Alfred Mervyn, B.A.	- - -	Wright, Angus Stanley, B.Sc.	- - -	1939
Searle, Clifford Alfred James, B.A.	- - -	Zoratti, Alba Pierina, B.A.	- - -	1949
Scriven, Murray Walter, B.A.	- - -			
Sexton, Edgar Raymond, B.A.	- - -			

## ASSOCIATES IN PHYSICAL EDUCATION

Allert, Margaret Elizabeth	- - -	1943	Baker, Mary Elizabeth	- - -	1942
Angwin, Helen Mary	- - -	1952	Beare, Lynden Day	- - -	1954
Arthur, Lawrie Edyvean	- - -	1949	Bell, Thomas Clive Lithgow	- - -	1948
Aspinall, Nancie Jean	- - -	1944	Betteridge, Pamela Beth	- - -	1951
Astley, Margaret Helen	- - -	1953	Braham, Henry Arnold Collyer	- - -	1951

Brooks, Charles Alfred - - - -	1945	Lines, Beryl Linda - - - -	1952
Bullock, Ivor George William - - - -	1950	McDowall, James - - - -	1952
Cadzow, Leslie Consort - - - -	1949	McGargill, Gordon Winstanley - - - -	1949
Chapman, Denise Alcon - - - -	1950	MacGillivray, Leith Grant - - - -	1951
Cook, Heather Mignon - - - -	1947	Maddocks, Jean Kinloch - - - -	1944
Cooper, Brian James - - - -	1954	Mellish, Mary Evelyn - - - -	1954
Coppock, Jeanetta May - - - -	1943	Mutton, Howard James Charles - - - -	1948
Crisp, Brian Rex - - - -	1952	Newman, Shirley Lena - - - -	1954
Delanty, Patricia Hickford - - - -	1949	O'Loughlin, Ruth Dorothy - - - -	1945
Delsar, Frederick William - - - -	1949	Page, Ronne Earle - - - -	1944
Drabsch, Alfred Felix, B.A. - - - -	1947	Proctor, Ivy Millicent, B.A. - - - -	1945
Duffield, Valma Jean - - - -	1953	Pugh, Elizabeth - - - -	1949
Eldridge, Diana Melbourne - - - -	1950	Reynolds, Maxwell Stanley - - - -	1944
Fromen, Petrea Elsie Dora - - - -	1950	Roberts, Owen David - - - -	1947
Grace, Gloria Dawn - - - -	1951	Rowe, Joy Dorothy - - - -	1950
Green, Ralph Noel - - - -	1952	Schuetz, Harold Edwin - - - -	1947
Halsey, Trevor Geoffrey - - - -	1954	Sladden, Jefford Desmond - - - -	1949
Haslam, Denise Allison - - - -	1949	Thomas, Margaret Anne - - - -	1945
Hodgson, Geoffrey Arthur - - - -	1950	Torr, Alison Ruth - - - -	1950
Horvat, Ludovic Henry - - - -	1941	Walson, Margaret - - - -	1953
Ising, Margaret Lucy - - - -	1942	Williams, Margaret Gordon - - - -	1942
Jensen, Richard Ian Broughton - - - -	1950	Wollaston, Elsie Margaretta - - - -	1950
Kidman, Elizabeth Duncan - - - -	1942	Wollaston, Philip Hamilton - - - -	1954
Laycock, Geoffrey Clinton - - - -	1948	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

Anderson, Gwendoline Eva - - - -	1947	Cheek, Harold Dudley - - - -	1939
Anderson, Ronald Alexander - - - -	1944	Cheek, Robert - - - -	1953
Andrews, Erson Leonard - - - -	1939	Chodowski, Samuel Mendel - - - -	1941
Ardill, David Anthony - - - -	1953	Clancy, Ross Percival - - - -	1945
Bahnish, Noel - - - -	1945	Clark, Arthur Wellesley - - - -	1934
Bailey, Geoffrey Reginald - - - -	1948	Clarke, Trevor Keith - - - -	1945
Ball, Gerald Benjamin - - - -	1953	Clarke, Vinrace Lisle - - - -	1936
Bardolph, Donald Harold - - - -	1952	Clarke, William Graham - - - -	1947
Bardolph, June Mary - - - -	1954	Coleman, Ronald George - - - -	1947
Barnes, Donald Stalley - - - -	1947	Coles, Herbert Desmond - - - -	1953
Barnes, Herb - - - -	1944	Connell, Myles Patrick - - - -	1949
Bartold, Geoffrey Paul - - - -	1947	Coorey, Brian Norman - - - -	1950
Bassett, Murray Maxwell - - - -	1948	Coultas, Ronald John - - - -	1950
Bazeley, William Joseph - - - -	1945	Cox, Peter John - - - -	1951
Beaty, Edward William - - - -	1954	Cracknell, John James - - - -	1953
Beckinsale, Ronald Herbert - - - -	1949	Crafter, Kenneth Charles - - - -	1938
Beilby, Jack Canavan - - - -	1947	Crago, Reginald Allen - - - -	1951
Bentley, Alan - - - -	1937	Craig, Lloyd Albert - - - -	1941
Bentley, Deryck Edward - - - -	1947	Croft, Mary Ellen - - - -	1954
Billing, Robert Heaton - - - -	1953	Crowley, Frank Noah - - - -	1953
Bishop, Ronald Lancelot - - - -	1951	Curnow, Thomas Martin - - - -	1942
Bishop, William Victor - - - -	1949	Currie, Robert John - - - -	1950
Booth, Thomas Sheldon - - - -	1937	Cushway, Albert Len - - - -	1954
Bourne, John Wallace - - - -	1943	Daniell, Ross Wilfrid - - - -	1938
Bowen, Frederick Lloyd - - - -	1939	Darwin, Lloyd Edwin - - - -	1943
Bowey, Allan Edgar - - - -	1938	Davies, Jonathan - - - -	1953
Brady, Michael Ignatius - - - -	1954	Davis, John Lloyd - - - -	1953
Branson, Robert Rolling - - - -	1937	de Brenni, Jules - - - -	1944
Brett, Jack Nethersole - - - -	1938	Dent, Athlea Ada Lorraine - - - -	1953
Brewster, Cora Elaine - - - -	1948	Dixon, John Miller - - - -	1953
Brice, Robert Hosking - - - -	1954	Doe, Alwyn Gilbert - - - -	1951
Broad, Lionel Hugh - - - -	1943	Dolman, John George - - - -	1951
Brougham, Robert Joffre - - - -	1940	Dowding, Ruth Elma - - - -	1948
Brown, Ronald Emanuel - - - -	1944	Downie, Sydney Andrae - - - -	1940
Buik, Donald Andrew John - - - -	1954	Drake, Peter Richard - - - -	1954
Burge, Raymond Henry - - - -	1936	Duncan, John Davidson - - - -	1950
Butler, Richard James - - - -	1954	Dundon, Laurence James - - - -	1942
Callaghan, Maxwell John - - - -	1951	Dundon, Noel Francis - - - -	1949
Callaghan, Roy Hugh - - - -	1948	Dunstone, Kenneth William Thomas - - - -	1943
Carlier, Ellis Gladstone - - - -	1951	Eckersley, Malcolm Russell - - - -	1939
Carnie, John Alfred - - - -	1950	Egar, Paul Gerard - - - -	1949
Caught, James Gardiner - - - -	1935	Elix, Robert Hugo - - - -	1935
Cavanagh, Robert Edwin - - - -	1936	Entwistle, John - - - -	1947
Chapman, Avis Carol - - - -	1952	Evans, Anthony Greig - - - -	1945

Evely, Roderick Harding	- - - -	1938	Laffer, Mildred Emily	- - - -	1935
Everett, John Kingsley	- - - -	1953	Lalor, William Brian	- - - -	1935
Ey, William Theodor	- - - -	1937	Larwood, Patricia Myrtle	- - - -	1947
Fenn, Donald George	- - - -	1950	Lawton, Brian Eley	- - - -	1949
Field, Arthur Blackiston	- - - -	1942	Leak, Weston Hugh	- - - -	1939
Fisher, Robert Hilson	- - - -	1942	Lean, Albert Gordon	- - - -	1938
Fitzgerald, Robert John	- - - -	1940	Lean, Keturah Victoria	- - - -	1935
Flaherty, Howard Norman	- - - -	1947	Lee, Thomas Ian	- - - -	1954
Fleer, Eric Donald	- - - -	1952	Lenthal, Douglas Lionel	- - - -	1936
Flood, Harry Brougham	- - - -	1951	Lever, Lionel Alfred	- - - -	1952
Flood, John Warden	- - - -	1953	Lewis, Loulie Maxine	- - - -	1949
Francis, Robert Leonard	- - - -	1950	Leyshon, Stephen Noel	- - - -	1954
Fraser, Wallace	- - - -	1950	Lock, Peter Bayard	- - - -	1943
Frazer, Kenneth John	- - - -	1952	Lovell, Barbara Jean	- - - -	1948
Frearson, Harold Thomas	- - - -	1939	Lower, Rupert Alexander	- - - -	1940
Freeman, Colin Charles	- - - -	1944	Lynas, Kaye Ward	- - - -	1952
Freeman, John Christian	- - - -	1943	Lyons, Colin Henry	- - - -	1951
Fricke, Yvonne June	- - - -	1954	McCull, Peter Donald	- - - -	1951
Funder, Elceen Mary	- - - -	1935	McNeil, Keith Albert	- - - -	1950
Gameau, John Lewis	- - - -	1936	MacQueen, David Dugald	- - - -	1952
Garrett, Philip Douglas	- - - -	1953	MacRae, George Brown	- - - -	1933
Gartrell, Roger	- - - -	1936	Makin, Harry Arnold	- - - -	1942
Gaunt, Norman William	- - - -	1934	Malpas, Cecil Egerton	- - - -	1945
Gilbert, Harold William	- - - -	1947	Manning, Lancelot Henry	- - - -	1934
Gillespie, Keith Herbert	- - - -	1939	Manton, Jack Hudson	- - - -	1934
Goscombe, David Bevan	- - - -	1952	Martin, Adeline Zoe	- - - -	1934
Gould, Ashton Noye	- - - -	1938	Martindale, Aileen Francis	- - - -	1948
Grimes, Charles Lindsay	- - - -	1952	Martindale, Edward John	- - - -	1947
Crist, Robert Hocart	- - - -	1951	Marshall, Alfred George Robert	- - - -	1939
Grooby, John David	- - - -	1951	Matthews, Maurice John	- - - -	1935
Grove, William Murray	- - - -	1939	McCarthy, Roderick Charles	- - - -	1936
Cryst, Helen	- - - -	1948	Measday, John Cleveland	- - - -	1943
Cryst, Peter Mervyn	- - - -	1943	Medlow, Ronald George	- - - -	1954
Cryst, Ross Edward	- - - -	1952	Meegan, Peter	- - - -	1951
Guthrie, John Vincent	- - - -	1948	Michaels, Donald Ernest	- - - -	1941
Gwynne, Robert Frank	- - - -	1935	Middlemiss, Brian Robert	- - - -	1951
Hall, Thelma Dorothy	- - - -	1937	Mildren, Brian Frederick	- - - -	1944
Hammatt, Edwin Laurence	- - - -	1948	Miller, Heather Joyce	- - - -	1948
Hanna, Robert Andrew	- - - -	1951	Miller, Robert Lionel	- - - -	1938
Hardwick, Bernice	- - - -	1949	Mitchell, Donald Graham	- - - -	1944
Hardy, Stuart Edward	- - - -	1936	Mitchels, John Roger	- - - -	1954
Hawson, William Francis	- - - -	1952	Moriarty, Daniel Francis	- - - -	1951
Hayter, Bruce William	- - - -	1951	Mosel, Donald	- - - -	1945
Hearn, Walter Joseph	- - - -	1945	Mudie, Robert Charles Wedderburn	- - - -	1952
Hemmings, Thomas Prior	- - - -	1945	Mudie, Stuart Mayelston	- - - -	1953
Hennessy, Claude Harold	- - - -	1940	Mugg, Gordon Murrie	- - - -	1940
Hession, John Eric Martin	- - - -	1941	Newbery, Betty Hilda	- - - -	1947
Hibble, Ross Ernest	- - - -	1950	Newbery, Donald Ernest	- - - -	1944
Higgins, Gordon Leslie	- - - -	1949	Newbery, John Henry Edward	- - - -	1947
Hill, Dudley Clarke	- - - -	1950	Newson, Clarence Alfred	- - - -	1941
Hillman, Eric Anthony	- - - -	1954	Nicholas, Cecil David	- - - -	1941
Holder, Reuben Clement	- - - -	1953	Nicholls, Brian Charles	- - - -	1949
Hole, Ronald	- - - -	1952	Norman, Alfred James	- - - -	1935
Holland, Bernard John	- - - -	1952	Norman, Jack Campbell	- - - -	1951
Hopewell, Edward Wallace	- - - -	1951	O'Connor, Brian Thomas	- - - -	1954
Hosking, Allen Edwin	- - - -	1934	Odgers, Murray Grenfall	- - - -	1938
Hulbert, Russell George	- - - -	1938	Offe, Garth Ian Hamilton	- - - -	1940
Humble, William Gilbert	- - - -	1954	Ongley, John Henry Albert	- - - -	1936
Humphrys, Arnold Clarence John	- - - -	1951	O'Reilly, Dominic Patrick John	- - - -	1941
Hunt, Laurence August	- - - -	1953	Orr, Fay Patricia	- - - -	1954
Hutchins, Ross	- - - -	1942	Otto, John Leyland	- - - -	1954
Huxtable, Colin Stanley	- - - -	1948	Pak Poy, Wilfred Cecil	- - - -	1952
Huxtable, Kenneth Clarence George	- - - -	1949	Palape, Janis Zanis	- - - -	1954
Jacobs, Philip Arthur	- - - -	1952	Parker, Colin John	- - - -	1954
Jeffs, Percival Lancelot	- - - -	1938	Parker, Rex Carleton	- - - -	1934
John, Clarence Gilmore	- - - -	1948	Parsons, Donald Allan	- - - -	1952
Johnson, John Kenneth	- - - -	1950	Patrick, Reginald Ross	- - - -	1942
Johnson, Keith Douglas	- - - -	1941	Patterson, Ronald Thomas	- - - -	1939
Johnson, Leonard	- - - -	1945	Pawson, Keith Curry	- - - -	1952
Johnston, Edwin John McCallum	- - - -	1938	Payne, Beryl June	- - - -	1952
Jolly, Norman Dickson	- - - -	1939	Peek, Donald Harvey	- - - -	1947
Jones, Douglas Perry	- - - -	1950	Penhall, Donald Frederick James	- - - -	1951
Justin, John Herbert	- - - -	1942	Penny, Donald Ross	- - - -	1952
Kain, Coleman Lawrence	- - - -	1938	Phelps, Kevin George	- - - -	1952
Kean, Christopher James	- - - -	1953	Phillips, Yvonne Ruth	- - - -	1953
Keipert, Paul Howard	- - - -	1942	Philp, Harold John	- - - -	1953
Kentish, Frank Stow	- - - -	1952	Physick, William Alick	- - - -	1940
Kildea, John Brian	- - - -	1952	Pickering, John Ronald	- - - -	1953
Kimber, Hubert Thomas	- - - -	1937	Porra, Robert John	- - - -	1953
Kinsley, John Vere	- - - -	1938	Porter, Kenneth Symes	- - - -	1935
Kirby, David Bevan	- - - -	1940	Potts, Frank Desmond	- - - -	1951
Klaffer, Ralph	- - - -	1954	Preece, Malcolm Stewart	- - - -	1954
Knightley, Harold Alan	- - - -	1948	Priess, Richard John	- - - -	1941
Knill, Douglas William	- - - -	1940	Pritchard, Helen Bessie	- - - -	1948
			Purchases, John Alfred	- - - -	1947

Ramsay, Douglas - - - - -	1934	Sutcliffe, Lewis Allan - - - - -	1952
Ramsey, Colin Bruce - - - - -	1950	Swan, Joyce Charlotte - - - - -	1942
Ramsey, Mollie Aileen - - - - -	1942	Sweet, Ronald Langdon - - - - -	1953
Ramsey, Maxwell George - - - - -	1953	Symonds, Robert Murray - - - - -	1951
Randell, William Richard - - - - -	1940	Talbot, Allan Benjamin - - - - -	1940
Rankine, Ian Jeffrey - - - - -	1942	Taylor, Ray Athol - - - - -	1949
Rauth, William Heseltine - - - - -	1941	Taylor, Ronald Norman - - - - -	1947
Reid, Betty Lorna - - - - -	1949	Taylor, William Thomas - - - - -	1936
Reid, Colin Liston - - - - -	1954	Teakle, John Kevin - - - - -	1951
Retallick, Gladys Yvonne Joan - - - - -	1943	Telfer, Donald - - - - -	1954
Retallick, John James Mark - - - - -	1951	Thompson, Donald Bruce - - - - -	1953
Rice, William Frederick - - - - -	1934	Thompson, Eric James - - - - -	1935
Richards, Brian John - - - - -	1952	Tiver, Lloyd Charles - - - - -	1937
Richardson, Jack McPherson - - - - -	1937	Tonkin, Peter Richard - - - - -	1942
Richter, John Steven - - - - -	1954	Townsend, Graham Rosslyn - - - - -	1952
Roberts, Peter Vernon - - - - -	1951	Trevelyan, Denys Murray - - - - -	1948
Robinson, Murray Gilbert - - - - -	1947	Tulloch, Roger James - - - - -	1949
Rogers, Barry Harcourt - - - - -	1952	Upton, James Harold Charles Hughes - - - - -	1938
Rohlfing, Kenneth Malcolm - - - - -	1948	Upton, Robert Maxwell William A. - - - - -	1951
Rohrig, D'Arcy Clayton - - - - -	1941	Veitch, Robert Henry - - - - -	1951
Rolfe, Thomas John - - - - -	1936	Venning, Claude Meadows - - - - -	1940
Rosewall, Robert Walker - - - - -	1953	von Doussa, Kathleen Gwendoline - - - - -	1949
Rowe, Gordon Thomas - - - - -	1948	Walker, Leonard Frank - - - - -	1936
Rowe, John Crawford - - - - -	1950	Walker, Raymond Charles - - - - -	1943
Russell, Alan Alexander - - - - -	1947	Wall, Kenneth - - - - -	1936
Russell, Norman - - - - -	1950	Walsh, Afton Peter - - - - -	1937
Ryan, Molly Hazel - - - - -	1942	Walsh, Zeta Mary - - - - -	1934
Ryder, John Bernard - - - - -	1943	Ward, Clyde Hedley Charles - - - - -	1948
Saies, David - - - - -	1954	Ware, John Brian - - - - -	1950
Salman, Harry William - - - - -	1934	Warnecke, Drennan Paul - - - - -	1949
Scarman, Graham Alwyn - - - - -	1954	Warnecke, Peter Gerald - - - - -	1952
Schocroft, John Charles - - - - -	1953	Warren, Donald Spencer - - - - -	1951
Schroeder, June Adele - - - - -	1951	Watson, John Myers - - - - -	1949
Schultz, Francis John - - - - -	1940	Watts, John William - - - - -	1938
Scrivener, Bruce Allan - - - - -	1952	Wauchope, Alan Wylie - - - - -	1941
Scrivener, Desmond Arthur - - - - -	1950	Webb, Donald Ralph - - - - -	1943
Shapter, William Evan - - - - -	1944	Webber, Brian Earl - - - - -	1952
Shepherd, Peter - - - - -	1940	Weedman, Dale Elton - - - - -	1954
Shelcliffe, Reginald George - - - - -	1936	Weller, Reginald Lancelot Elon - - - - -	1953
Short, Lynette Margaret - - - - -	1952	Wellington, Nancy Catherine - - - - -	1944
Siggins, Ronald Hewitt - - - - -	1938	Wescombe, Peter George - - - - -	1953
Simcock, Gerald Cyril - - - - -	1953	West, Lionel Thomas - - - - -	1952
Simon, John Ross - - - - -	1951	Wheaton, Frank Hurtle Pengeley - - - - -	1948
Skews, Thomas Nisbett - - - - -	1952	Wheeler, Eric Henry - - - - -	1942
Sleep, Frank Ronald - - - - -	1945	Wheeler, Reginald Gordon - - - - -	1944
Smith, Graham Reginald - - - - -	1934	White, John Carew - - - - -	1940
Smith, Mervyn Keith - - - - -	1939	White, John Matthews - - - - -	1941
Smylie, Gordon McInnes - - - - -	1940	Wickes, Ronald John - - - - -	1941
Smyth, Neil Lawrence - - - - -	1950	Wigley, Tom Joseph - - - - -	1934
Sorrrell, Leonard Martin - - - - -	1942	Williams, Brian Norman - - - - -	1954
Southern, Sydney Anthony - - - - -	1950	Williams, Edward Francis - - - - -	1947
Spafford, Rex Netherton - - - - -	1939	Wilson, Beryl Maud - - - - -	1951
Sperber, Allan Lynton - - - - -	1952	Wilson, Donald Kenneth - - - - -	1951
Stain, John Wright - - - - -	1939	Wilson, William Fraser - - - - -	1941
Stanley, Patricia Dorothy - - - - -	1954	Woolford, Lewis Maxwell - - - - -	1951
Statton, Bruce Arthur - - - - -	1943	Woollard, Mervyn John - - - - -	1935
Stedman, Paul George - - - - -	1952	Worthington, Ralph Henry - - - - -	1953
Storen, Walter Joseph - - - - -	1951	Wurm, Peter Sinclair - - - - -	1953
Streicher, Francis Mannix - - - - -	1942	Wyld, Robert Bowen - - - - -	1950
Stuckey, Mary Hill - - - - -	1942	Zander, Frank Howard - - - - -	1941

## ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith - - - - -	1950	Clark, Caroline Emily - - - - -	1949
Angove, Margaret Carlyon - - - - -	1942	Clarke, Walter Frederick - - - - -	1950
Ashbolt, Winifred Joy - - - - -	1948	Clegg, Donald Stanley George - - - - -	1950
Astley, Joyce Mary - - - - -	1947	Cleland, Pamela Mary - - - - -	1949
Bails, Ruth - - - - -	1943	Clucas, Gwendoline Ivy - - - - -	1944
Baker, Mary Elizabeth - - - - -	1947	Cope, Joan Maxine - - - - -	1951
Bakewell, Joan Helen - - - - -	1951	Cornish, Mary Esther - - - - -	1947
Ball, Heather - - - - -	1951	Crook, Marjorie Marion, B.A. - - - - -	1948
Ball, Iris Marguerite May - - - - -	1949	Crosby, Heather Bembrick - - - - -	1945
Bates, Nancy Patricia - - - - -	1947	Crouch, Lillian Rubena - - - - -	1948
Bayer, Josephine Kent - - - - -	1944	Cuddihy, Geoffrey Thomas - - - - -	1952
Benjamin, Eric - - - - -	1949	Cuthbertson, Grace Joy - - - - -	1953
Bidwell, Dorothy Gwendoline - - - - -	1949	†Davis, Phyllis Evelyn Eva (1941) - - - - -	1942
Boehm, Claire Edith - - - - -	1951	Dobson, Lesbia Constance Alma - - - - -	1947
Bosworth, Catherine Jean - - - - -	1947	Douglas, Christine Gordon - - - - -	1948
Bowen, Suzanne Joan - - - - -	1944	Dow, Anne Eleanor - - - - -	1949
Buckley, Hannah - - - - -	1942	Duncan, June Valerie - - - - -	1954
Burnett, Ronda June - - - - -	1949	Ellis, Joan Mary - - - - -	1950
Burns, Margaret Ternouth - - - - -	1945	Featherstone, Dora Bewley, B.A. - - - - -	1942
Carlton, Eileen Grace Sally - - - - -	1953	Fitzgerald, Gwenyth Joy - - - - -	1952
Carthew, Margaret - - - - -	1948	Flett, Phyllis Margaret - - - - -	1948
Cavalier, Elizabeth Mary - - - - -	1944	Fong, Yin Kam - - - - -	1953

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

† Gained the diploma of the S.A. Board of Social Study and Training in the year shown in brackets

## ASSOCIATES IN PHYSIOTHERAPY

Appleby, Dorothy Dawn - - - - -	1950	Colliver, Judith Mary - - - - -	1947
Ashton, Barbara Jean - - - - -	1953	Copley, Fay Muriel - - - - -	1948
Banks, Athalie Isabelle - - - - -	1951	Creswell, Joan Elizabeth - - - - -	1951
Banks, Garland - - - - -	1951	Cross, Geraldine Frances - - - - -	1954
Beech, Alison Erica - - - - -	1954	Crowe, Helen Katherine Margaret - - - - -	1948
Begg, Jenny Isobel - - - - -	1949	Davys, Barbara Ramsay - - - - -	1951
Begg, Pauline - - - - -	1951	Donaldson, Robert Gordon - - - - -	1948
Biven, Mabel Audrey - - - - -	1947	Dow, Diana Caroline Sandland - - - - -	1947
Bowman, Kathleen Mary - - - - -	1952	Dunkley, Barbara - - - - -	1952
Brady, Kevin James - - - - -	1953	Fielder, Ethel Kathleen - - - - -	1948
Branson, June Maxine - - - - -	1948	FitzPatrick, Eri! Margaret - - - - -	1950
Broad, Donald Ivor - - - - -	1954	Follett, David James - - - - -	1953
Chittleborough, John James - - - - -	1952	Frankcom, Rhonda Patricia - - - - -	1952
Clark, Genevieve Mary - - - - -	1950	Fricke, Muriel Vera - - - - -	1948
Clark, Jennifer Margaret - - - - -	1954	Gault, Averil Margaret - - - - -	1949
Collins, Doreen - - - - -	1946	Graham, Ronald Kirkwood - - - - -	1953

Gray, Gary Colin	- - - - -	1953	Morley, Mary Elizabeth	- - - - -	1946
Gray, Janet Lesley	- - - - -	1950	Morris, Suzanne Beatrice	- - - - -	1949
Gray, Jule Marie	- - - - -	1951	Newton, Margaret Betty	- - - - -	1950
Ham, Helen Prudence	- - - - -	1954	O'Connell, Barbara	- - - - -	1952
Hammond, Marie Joan	- - - - -	1951	Faige, Maxwell John	- - - - -	1949
Hannaford, Claire Anne	- - - - -	1949	Phillipps, Margaret Jean	- - - - -	1945
Hardy, Barbara Mansell	- - - - -	1946	Pinder, Judith Ann	- - - - -	1954
Hardy, Mary Mansell	- - - - -	1951	Piper, Rosemary Lillecrapp	- - - - -	1954
Haskard, Robin Lindsay	- - - - -	1954	Pitcher, Anne Barton	- - - - -	1951
Heysen, June	- - - - -	1948	Plush, Lesley Margaret	- - - - -	1949
Holder, Charlotte Ruth	- - - - -	1949	Preston, Pauline Rowland	- - - - -	1949
Jamieson, June Edna	- - - - -	1953	Rischbieth, Anne Helen	- - - - -	1950
Jay, Judith Helena	- - - - -	1947	Roach, Valerie Eyre	- - - - -	1949
Jennings, Jill Gellibrand	- - - - -	1947	Robertson, Mary Douglas	- - - - -	1947
Job, Kathleen	- - - - -	1950	Rofe, Margaret Jean	- - - - -	1950
Johns, Gordon James	- - - - -	1946	Ross, Susan Mary	- - - - -	1947
Jones, Alison Mary Herbert	- - - - -	1948	Rzeszkowski, Lois Morna	- - - - -	1946
Jordan, Hilary Anne	- - - - -	1951	Salmon, Margaret Besley	- - - - -	1945
Juttner, Susan Elizabeth	- - - - -	1953	Sandow, Maxwell George	- - - - -	1952
Kelly, Francis Simeon	- - - - -	1949	Simpson, Jean Katie	- - - - -	1952
Kinsman, Alison Joan	- - - - -	1949	Simpson, Rae David	- - - - -	1951
Klutke, Eric Willi	- - - - -	1953	Sims, Enid Helen	- - - - -	1950
Laffer, Erica Merle	- - - - -	1952	Smith, Elaine Lockhart	- - - - -	1946
Lake, Joan	- - - - -	1946	Starr, Judith Anne	- - - - -	1954
Laver, Dorothy Margaret	- - - - -	1948	Stoddart, Lorraine Mary	- - - - -	1951
McCandless, Rosalind Elizabeth	- - - - -	1953	Taylor, Christobel Jane	- - - - -	1952
Mackie, Margaret Irene	- - - - -	1950	Taylor, Margaret Anne	- - - - -	1952
McElroy, Margaret Joyce	- - - - -	1950	Taylor, Margaret Mary	- - - - -	1952
McLennan, Fay Maisie	- - - - -	1951	Thomson, Janet Elizabeth	- - - - -	1951
McPhee, Aileen Tempe	- - - - -	1949	Tosolini, Gwen Corinna	- - - - -	1951
Maitland, Geoffrey Douglas	- - - - -	1949	Waddell, Margaret Jean	- - - - -	1945
Maloney, Patricia Kathleen	- - - - -	1950	Wall, Ellen Winifred	- - - - -	1953
Marshman, Margaret Felstead	- - - - -	1946	Waterhouse, Jane Hardey	- - - - -	1953
Meyer, Carlien Allisarde Ripley	- - - - -	1952	Whicker, Joan Doreen	- - - - -	1954
Meyer, Rignor Stewart	- - - - -	1948	White, Jenifer Judith	- - - - -	1954
Mitchell, Dorothy Christine	- - - - -	1948	Wicks, Claire Hampton	- - - - -	1947
Moore, Margaret Suzanne Alice	- - - - -	1945	Wood, Judith Mary	- - - - -	1953
Moore, Virginia Joyce	- - - - -	1952	Wyde, Annette Eustace	- - - - -	1947

## ASSOCIATES IN ARTS AND EDUCATION

Adams, Malcolm Thomas	- - - - -	1952	Chandler, Douglas Norman	- - - - -	1951
Ahrens, Elsie Gladys	- - - - -	1951	Charlesworth, George Harvey	- - - - -	1950
Alexander, Stuart Dixon	- - - - -	1952	Charlesworth, Joan Ann	- - - - -	1954
Andrews, David Francis William	- - - - -	1948	Chinnick, Richard Lionel	- - - - -	1954
Andrews, Rosemary Alison	- - - - -	1953	Clancy, Peter Allan	- - - - -	1953
Argyle, Barry	- - - - -	1954	Clark, John Stephen	- - - - -	1951
Armitage, Bessie Eleanor Mildred	- - - - -	1949	Clarke, Margaret Anne	- - - - -	1948
Ashton, Walter Ray	- - - - -	1950	Clarke, Ruth Mary	- - - - -	1949
Aspinall, Nancie Jean	- - - - -	1951	Cochrane, Heather Bernice	- - - - -	1954
Auhl, Ian Leslie	- - - - -	1952	Coggins, Harold Douglas, B.Sc.	- - - - -	1954
Baird, Rachel Mary	- - - - -	1949	Coggins, Robert Symes, B.Sc.	- - - - -	1951
Baker, Harvey Laurence	- - - - -	1950	Coker, John Godfrey	- - - - -	1954
Barker, Leon James Frank	- - - - -	1952	Considine, Thomas John	- - - - -	1950
Bastian, Elwin Scott	- - - - -	1952	Cook, Colin George	- - - - -	1951
Baxter, Ladislaus Edward	- - - - -	1949	Cook, Owen Gladstone	- - - - -	1951
Bayly, Elizabeth	- - - - -	1948	Coombs, Ruby Rachel	- - - - -	1953
Beaty, Arnold Keith	- - - - -	1952	Coppock, Alfred Arthur	- - - - -	1950
Beilby, Shirley May	- - - - -	1954	Cousins, Georgena Millicent	- - - - -	1949
Bennett, Henry Russe'll	- - - - -	1948	Cowley, Lorine Joan	- - - - -	1952
Bonnett, Victor Walter Lincoln	- - - - -	1954	Cross, Jack	- - - - -	1953
Bosworth, Catherine Jean	- - - - -	1951	Daenke, Eric	- - - - -	1948
Bourne, Margaret Cornelius	- - - - -	1949	Dahl, James Oliver	- - - - -	1949
Bowden, Janet	- - - - -	1951	Darby, Ruth Mary	- - - - -	1949
Bowler, Mary	- - - - -	1949	Davey, Kenneth Llewellyn James	- - - - -	1953
Bown, Henry Theobald	- - - - -	1949	Davies, David William	- - - - -	1950
Braham, Henry Arnold Collyer	- - - - -	1949	Davis, Brian	- - - - -	1949
Brideson, Colin Herbert	- - - - -	1950	Davis, Frederick Harry	- - - - -	1954
Bridgland, Margot Elizabeth	- - - - -	1953	Daw, William Ronald	- - - - -	1954
Brocksopp, John Ernest, LL.B.	- - - - -	1951	Dawes, Walter Ernest	- - - - -	1949
Brown, Norman	- - - - -	1951	Delsar, Frederick William	- - - - -	1949
Buick, William George	- - - - -	1950	Dempster, Donald	- - - - -	1949
Burgan, Owen Sylvester	- - - - -	1948	Dent, Ronald Thomas Stewart	- - - - -	1952
Burley, Betty Ellanora Dawn	- - - - -	1951	Dorman, Buick Alison	- - - - -	1951
Burnard, Charles Robert	- - - - -	1948	Driver, Bruce Edwin	- - - - -	1952
Burns, Esther	- - - - -	1948	Duell, Allen John	- - - - -	1951
Burns, Robert Alexander	- - - - -	1951	Dunbar, Harry Edward	- - - - -	1953
Burville, Thomas George Theodore	- - - - -	1952	Dunlop, Walter James	- - - - -	1951
Butcher, Colin Sydney	- - - - -	1951	Dunstan, Arnold Edward Stanton	- - - - -	1948
Butler, Francis James	- - - - -	1948	Dyster, Thomas	- - - - -	1949
Buttrose, Stroma	- - - - -	1951	Eckert, Lexley Frank	- - - - -	1951
Bywaters, Mary Barfield	- - - - -	1951	Edwardes, Arthur Diedrich	- - - - -	1950
Campbell, Barbara	- - - - -	1950	Esselbach, Rodney	- - - - -	1953
Carmichael, Donald Ross	- - - - -	1949	Evans, Ben Owen	- - - - -	1950
Cavenett, Horace Clifford	- - - - -	1948	Evans, Peter	- - - - -	1953

Ey, Sheila Margaret	1950	Lunnay, Aubrey William	1952
Farrow, Robert Murray	1950	Lyall, Margaret Mary	1954
Fergusson, George Robert	1948	McCracken, Samuel Raymond	1951
Fitch, Nancy Jean	1949	McDonald, William George Harlowe	1948
Fitzgerald, Clarence Lindsay	1949	McDowall, James	1952
Foweraker, Alma Muriel	1950	McElroy, Anthony Godfrey	1949
Fricke, Lourdes Victoria	1951	McGuire, Anthony	1952
Friedrichs, Noel Carl	1952	McKenzie, Hector Malcolm	1948
Galle, Reginald Victor	1951	McKinnon, Charles Richard	1951
Galvin, Patrick John	1953	McKinnon, Kenneth Richard	1952
Garbutt, Mary	1954	McLay, Andrew Harold	1950
Gibbs, Alfred Lewis Burnand	1948	McLeod, Murray Robert Love	1949
Giles, James Ramsay	1951	McNamara, Maurene Rita	1952
Glenn, Graham Gordon	1954	McRostie, Keith Henry	1950
Glover, Geoffrey Edward Harold	1951	MacGillivray, Leith Grant	1951
Glynn-Roe, Wilfrid Joseph	1948	Mader, Conrad Wilfred	1952
Golding, Edmond William	1949	Magnay, William Ralph	1952
Gower, Charlie James	1951	Mansfield, Richard Charles	1951
Green, Ian Edward Charles	1949	Manuel, Deane James Hubert, B.Ec.	1954
Guerin, Robert	1950	Maple, Alexander Montrose	1948
Hakendorf, Hansie St. Clair	1950	Marker, Lois Beatrice	1954
Hall, Clifford Thomas Robert	1950	Marsh, William Clarence	1951
Hallewell, Audrey Joan	1952	Martin, John William	1950
Hammond, William David	1952	Masters, John Clive	1949
Hansen, Norman Victor	1951	Mausolf, Jack	1954
Harper, Brian Youl	1951	Mausolf, Wallace	1951
Harrington, Archie	1951	Michelmores, Roland Symons	1948
Harrip, Elva Ray	1950	Milway, Russell Henry Oliver	1949
Harrison, Mary Elizabeth	1951	Moore, Eric Claude	1953
Harrison, Ruth Olive	1950	Morrison, John Colin	1953
Hart, Arthur Philip Clarendon	1948	Mudge, Alfred Clarence	1952
Hastwell, Nita Claire	1948	Mulraney, Leslie Patrick	1950
Hawes, Gwynneth June	1952	Mundy, Robert Reginald Peter	1951
Hay, Nancy Evelyn	1952	Murchland, Mildred Emily	1949
Hecker, Coral Gladys	1950	Murray, Heather Jean	1953
Hefford, Ronald Keith	1951	Murrie, Elizabeth Leroy	1954
Heinrich, Harold Gordon	1954	Natt, Geoffrey	1950
Hentschke, Margaret Ruth	1954	Newell, Edward Richard Ireland	1954
Hicks, Lancelot Fry	1951	Nitschke, Erna Gertrude	1954
Hill, Brian Heaton	1954	Nixon, Valerie Colinette	1952
Hill, Victor Arthur	1952	Noblett, Max Hadden	1952
Hocking, Edward Bridgman	1951	Noon, David Lyon	1948
Holmes, Patricia Langley	1954	Norman, Jacob	1952
Horsnell, Keith Constant	1954	Norton, Mary Alice	1949
Hosking, William Rex	1951	Nottle, Geoffrey Edward	1953
Howell, William Ewart	1950	Nunan, Douglas Stephen	1951
Hudson, Nancy MacDonald	1954	Oakley, Hannah Rosalie	1954
Hughes, John	1953	Oborn, Herbert Russell	1948
Humphries, Arthur Cecil George	1950	O'Callaghan, Gerald Anthony	1954
Humphries, Edna Jeanine	1951	O'Leary, Patricia	1950
Hussey, Francis Leitch	1950	O'Neill, Marguerite	1948
Hutson, Walter William	1948	Opie, Roderick Preston	1953
Ilfie, Rosa Lorene	1954	Paice, William Osborne	1950
Jackson, Esther Mary	1952	Palmer, Rachel Dawn	1950
Jakobsen, Hugo	1952	Parkes, Roy Frederick Walter	1948
James, Richard Cecil	1949	Patterson, Robert George	1952
Jenkin, Leonard Bee	1954	Patterson, Frank Brenton	1948
Jenkin, Robert Haydon	1953	Peake, Archibald John	1950
Jenkins, Merle Nona	1950	Pearce, Alfred Moreton	1949
Jeffs, Kathleen Ellinor	1948	Pearce, Edwin Lovell	1952
Johns, Beryl Fay	1952	Pearce, Nancy	1952
Jones, Helen Margaret	1953	Pearce, William	1952
Joppich, Oscar Edwin	1954	Pennicott, Ralph William	1948
Judd, James	1950	Phillips, Ronald Osborn	1950
Kappler, Stewart Garth	1954	Pickering, Eric	1954
Kealley, Frank Shenstone	1948	Pierson, Robert Arthur	1953
Keane, Kenneth John	1951	Pitman, Hartley Kenneth	1953
Kelley, William Brian	1949	Playfair, Noel Angus	1951
Kesting, Norman Gustav	1951	Poke, Alison Rae	1953
Kimber, William Harold	1948	Pole, Audrey Elizabeth	1951
Kissell, Thomas Alfred	1950	Polkinghorne, Heather Mary	1949
Kroehn, Joan Margaret	1951	Pratt, Aubrey Ronald	1952
Lamacraft, Kenneth Ronald Ross	1951	Quigley, Francis James Leo	1950
Lamborne, Maxwell Addison	1949	Ramsay-Matthews, Jean	1953
Langford, Irene Eltham	1949	Read, Clarence Percy	1949
Laslett, Barbara Rose	1952	Redin, Lewis Charles	1951
Leak, Brian Hedley	1952	Redman, Jessie Adelaide	1951
LeCornu, Colin George	1951	Redstone, Frank	1949
Leibie, Albert Lawrence	1952	Reincke, Kevin	1950
Leigh, Kathleen Lavinia Anne	1951	Rendell, Rosemary Anne	1953
Lock, Dorothy Marie Jeanne	1950	Richards, Martin Clyde	1952
Lodge, John Kenneth Hyde	1953	Richards, Mary Elizabeth	1948
Longbottom, Maxwell Ernest	1953	Roberts, Owen David	1949
Love, Robert Stewart	1948	Rogers, Roma Emma	1951



Rogers, Ruth Nellie - - - - -	1951	Thompson, Iris Maude - - - - -	1952
Rooney, Kathleen - - - - -	1948	Till, Patricia Dell - - - - -	1952
Rowe, Rex Norman - - - - -	1950	Tindall, Mildred Florence - - - - -	1950
Rowell, George Douglas Fairbairn - - - - -	1949	Torr, Alison Ruth - - - - -	1950
Rowland, Roma Joy - - - - -	1954	Trapnell, John Courtenay - - - - -	1952
Rudolph, Gerald Alfred - - - - -	1951	Travers, Thomas Edward - - - - -	1948
Ruediger, Malcolm Milton - - - - -	1950	Trebilcock, David - - - - -	1953
Sage, Harold Robert - - - - -	1950	Tregilgas, Francis Everleigh - - - - -	1952
Sando, Clarice Melva - - - - -	1950	Trowse, Helen Hayward - - - - -	1954
Saunders, Alan Caley - - - - -	1954	Trudinger, June Stirling - - - - -	1949
Schuller, Ruth Doreen - - - - -	1954	Tulloch, David Gerald - - - - -	1952
Schulz, Clifford Rupert - - - - -	1953	Twartz, Clement Wilford - - - - -	1948
Searle, Vera Katherine - - - - -	1953	Vaughan, Matthew Ferdinand - - - - -	1950
Shekleton, Peter Reginald - - - - -	1951	Vogelsang, Arthur Ernst - - - - -	1950
Shinkfield, Anthony James - - - - -	1954	Wachtel, Heinrich Lenhart - - - - -	1948
Smale, Thomas Charles - - - - -	1949	Wallace, Francis Joseph - - - - -	1948
Smith, Constance Ethel - - - - -	1950	Wardle, Allen - - - - -	1952
Smith, Donald Powell - - - - -	1952	Webber, Ian James - - - - -	1953
Smith, Doris Elizabeth - - - - -	1951	Webber, Muriel Esme Jill - - - - -	1952
Smith, Ivan Ford - - - - -	1949	Wedding, Gordon Mervyn - - - - -	1954
Smith, John Henry - - - - -	1950	Wellington, Douglas Erwin - - - - -	1950
Smith, Margaret Joan - - - - -	1954	West, George Graham - - - - -	1948
Smith, Maxwell John - - - - -	1953	White, Emily Alice - - - - -	1953
Smith, Reginald John Wayne - - - - -	1950	Wiese, Ivo Ray - - - - -	1951
Smith, Sylvester - - - - -	1948	Wilkinson, Stewart Rex - - - - -	1948
Spence, Colin Everett - - - - -	1952	Williams, Ruth Jacqueline - - - - -	1949
Stanley, Raymond John - - - - -	1952	Williamson, Beth England - - - - -	1949
Steinle, John Richard - - - - -	1952	Wilson, Francis Patrick - - - - -	1948
Stewart, Peter McKenzie Gibson - - - - -	1954	Wilson, Gwendolyn Moore - - - - -	1950
Stocker, Reginald Henry - - - - -	1953	Woithe, Francis Arnold - - - - -	1951
Stone, Victor Oxford - - - - -	1953	Wood, Eric William Hadley - - - - -	1951
Sykes, Helen Marian - - - - -	1949	Woodards, Eva Norma Cherrington - - - - -	1949
Tabor, Barbara - - - - -	1950	Woods, Donald Peter - - - - -	1951
Taylor, Beatrice May - - - - -	1948	Wright, Florence Maude - - - - -	1953
Taylor, Douglas McLeod - - - - -	1950	Young, Donald Lindsay - - - - -	1952
Theobald, Howard Wesley - - - - -	1948	Young, Joan Margaret - - - - -	1952
Thomas, Linley - - - - -	1952	Zoerner, Robert John - - - - -	1951
Thompson, Frank Howard - - - - -	1951		

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**Chapter I.—Of the Chancellor and Vice-Chancellor.**

1. The Chancellor shall hold office for five years from the date of his election.

\*2. The Vice-Chancellor shall hold office until the expiry of twelve calendar months from the date of his election, or until the day preceding that on which he would have retired from the Council if he had not been Vice-Chancellor, whichever is the earlier.

• Allowed 22nd April, 1942. Allowed 4th April, 1912.

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**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.

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**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.

\* Allowed 8th December, 1938.

† Amended 11th December, 1941.

‡ Amended 8th December, 1949.

§ Allowed 23rd January, 1947.

¶ Allowed 9th December, 1943.

\*\* Allowed 17th January, 1952.

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.

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.\*

‡ Allowed 9th December, 1943.

\* The second clause of Section 8 was allowed 11th June, 1890.

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#### 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.

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#### 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.

\* Amendment awaiting allowance at time of printing.  
Allowed 22nd January, 1953.

**Chapter VIII.—Of Terms.**

1. The Academical Year shall be divided into three terms for all the Faculties. §

2. The first term shall begin on the tenth Monday in the year, and shall end on the Saturday preceding the twenty-first Monday in the year. Lectures shall begin on the second Monday in term: provided that, with the approval of the Faculty or Faculties concerned, lectures in any subject may begin a week earlier.

3. The second term shall begin on the twenty-third Monday in the year, and shall end on the Saturday preceding the thirty-third Monday in the year.

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

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

\*6. Except in cases approved by the Registrar all fees shall be paid at the time of enrolment: except that fees for tuition during the second and third terms may be paid during the first fortnight of the respective term.

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

§ Note.—In the Elder Conservatorium there are four quarters. (See No. 5 of the Conservatorium Regulations.)

\* Allowed 17th January, 1952.

Allowed 10th January, 1946.

**Chapter IX.—Of Matriculation.**

1. A candidate for the degree of Bachelor shall be required to matriculate, and, after matriculation, to spend not less than three academical years in his course of study at the University or at affiliated institutions.

°2. Every person not being less than sixteen years of age who has complied with the conditions for admission to the course of study for a degree in the Faculty in which he proposes to become a student, and who in the presence of the Registrar or other duly appointed person signs his name in the University Roll Book or on a separate form to the following declaration shall thereby become a Matriculated Student of the University. The declaration shall be in the following form:

“I do solemnly promise that I will faithfully obey all existing and future Statutes, Regulations, and Rules made or approved by the University of Adelaide or the Council thereof in force from time to time, so far as they may apply to me; and that I will properly demean myself and respectfully submit to and obey the constituted authorities appointed by the said University; and I declare that I believe myself to have attained the full age of sixteen years.”

Every matriculated student shall pay a fee of one guinea.

†3. If a candidate has attained the age of sixteen years he shall be admitted to matriculation, provided that he has passed at the examination of the Public Examinations Board in the subjects specified as necessary by the Faculty in which he desires to study. These shall be, for the present:

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 parts i and ii 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 Law:

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

\* Allowed 11th December, 1941.

¶ Allowed 3rd January, 1929.

† Allowed 10th December, 1925.

|| Allowed 11th December, 1941.

‡ Amended 10th December, 1930.



‡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 Parts i and ii must have been passed at the Intermediate Examination.

In the Faculty of Music:

The conditions shall be as prescribed in the Regulations for the Degree of Bachelor of Music.

§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 Examinations; 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.

4. Any other candidate may be admitted to matriculation by the Council on the report of the Matriculation Board.

5. The Board shall consist of the Vice-Chancellor and the Deans of the above 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 of 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.

\*\*6. 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.

‡7. 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

‡ Amended 16th December, 1948.

\*\* Allowed 14th December, 1950.

\* Allowed 5th December, 1940.

† Allowed 9th December, 1943.

§ Allowed 17th January, 1952.

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.

Allowed 6th December, 1922.

NOTE: In the foregoing Chapter, Mathematics, parts i and ii, at the Intermediate Examination now means Mathematics (two subjects).

### Chapter X.—Of the Faculties

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

#### ARTS.

2. (1) The Faculty of Arts shall consist of the Chancellor, the Vice-Chancellor, the Hughes Professor of Classics and Comparative Philology and Literature, the Jury Professor of English Language and Literature, the Professor of French Language and Literature, the Professor of History and Political Science, the Professor of Economics, the Hughes Professor of Philosophy, the Elder Professor of Mathematics, the Head of the Department of German, the Head of the Department of Geography, the Head of the Department of Education, the Dean of the Faculty of Science, the Bonython Professor of Law, the Elder Professor of Music, the Director of Education, and the Principal of the Adelaide Teachers' College, who shall be members *ex officio*.
- (2) The Council may appoint as members of the Faculty a Reader or Senior Lecturer in each of the Departments in charge of a Professor after recommendation by the Professor in charge.
- (3) The Council, on the recommendation of the Faculty made for special reasons assigned by the Faculty in each case, may appoint from among the Readers, Senior Lecturers and Lecturers other persons to be members of the Faculty.
- (4) The Council may also appoint to be members of the Faculty not more than five other persons recommended by the Faculty.
- (5) Persons appointed by the Council to be members of the Faculty shall hold office until the end of the calendar year for which they are appointed, but shall be eligible for re-appointment after recommendation by the Faculty.
- (6) Not more than three members of the staff of any Department shall be members of the Faculty at the same time.

#### SCIENCE.

3. (1) The Faculty of Science shall consist of the Chancellor, the Vice-Chancellor, the Elder Professor of Mathematics, the Professor of Mathematical Physics, the Elder Professor of Physics, the Angas Professor of Chemistry, the Professor of Geology, the Professor of Economic Geology, the Professor

of Botany, the Professor of Zoology, the Professor of Biochemistry and General Physiology, the Professor of Human Physiology and Pharmacology, the Elder Professor of Anatomy and Histology, the Head of the Department of Bacteriology, the Dean of the Faculty of Arts, the Dean of the Faculty of Agricultural Science, the Dean of the Faculty of Engineering, the Dean of the Faculty of Medicine and the Dean of the Faculty of Dentistry, who shall be members *ex officio*.

- (2) The Council may appoint as members of the Faculty a Reader or Senior Lecturer in each of the Departments in charge of a Professor after recommendation by the Professor in charge.
- (3) The Council, on the recommendation of the Faculty made for special reasons assigned by the Faculty in each case, may appoint from among Readers, Senior Lecturers, or Lecturers other persons to be members of the Faculty.
- (4) The Council may also appoint to be members of the Faculty not more than three other persons recommended by the Faculty.
- (5) Persons appointed by the Council to be members of the Faculty shall hold office until the end of the calendar year for which they are appointed, but shall be eligible for re-appointment after recommendation by the Faculty.
- (6) Not more than three members of the staff of any Department shall be members of the Faculty at the same time.

#### AGRICULTURAL SCIENCE.

4. (1) The Faculty of Agricultural Science shall consist of the Chancellor, the Vice-Chancellor, the Elder Professor of Physics, the Angas Professor of Chemistry, the Professor of Botany, the Professor of Zoology, the Professor of Geology, the Professor of Biochemistry and General Physiology, the Waite Professor of Agricultural Chemistry, the Waite Professor of Agronomy, the Professor of Genetics, the Head of the Department of Bacteriology, the Heads of the Departments of Entomology, Plant Pathology, and Plant Physiology at the Waite Agricultural Research Institute, the Dean of the Faculty of Science, the Principal of Roseworthy Agricultural College and the Director of Agriculture, who shall be members *ex officio*.
- (2) The Council, on the recommendation of the Faculty made for special reasons assigned by the Faculty in each case, may appoint from among the Readers, Senior Lecturers and Lecturers other persons to be members of the Faculty.
- (3) The Council may also appoint to be members of the Faculty not more than two persons recommended by the Principal of Roseworthy Agricultural College who are teachers on the staff of the College.

- (4) The Council may also appoint to be members of the Faculty not more than three other persons recommended by the Faculty.
- (5) Persons appointed by the Council to be members of the Faculty shall hold office until the end of the calendar year for which they are appointed, but shall be eligible for re-appointment after recommendation by the Faculty.
- (6) Not more than three members of the staff of any Department shall be members of the Faculty at the same time.

## ENGINEERING.

5. (1) The Faculty of Engineering shall consist of the Chancellor, the Vice-Chancellor, the members of the Council who are professional engineers, the Professor of Civil Engineering, the Professor of Electrical Engineering, the Professor of Mechanical Engineering, the Professor of Mining, Metallurgical and Chemical Engineering, the Head of the Department of Architectural Engineering, the Dean of the Faculty of Science, the President of the South Australian School of Mines and Industries and the Principal of the South Australian School of Mines and Industries, who shall be members *ex officio*.
- (2) The Council may appoint as members of the Faculty a Reader, Senior Lecturer or Lecturer from each of the Departments in the Faculty of Engineering recommended by the Professor in charge of or the Head of his Department.
- (3) The Council, on the recommendation of the Faculty made for special reasons assigned by the Faculty in each case, may appoint from among the Readers, Senior Lecturers and Lecturers other persons to be members of the Faculty.
- (4) The Council may also appoint on the recommendation of the Faculty one person who is not a member of the staff of the University to be the representative of each of the Departments of Architectural Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering and Mining, Metallurgical and Chemical Engineering.
- (5) The Elder Professor of Mathematics, the Elder Professor of Physics, the Angas Professor of Chemistry, the Professor of Geology and the Professor of Economic Geology may each recommend to the Council a Reader, Senior Lecturer or Lecturer in his Department to be a member of the Faculty and any of such Professors may, if he wishes to be himself a member of the Faculty, recommend himself for appointment instead of recommending one of his Readers, Senior Lecturers or Lecturers, and the Council may appoint the person recommended accordingly.
- (6) The Council may also appoint to be members of the Faculty not more than three other persons recommended by the Faculty.

- (7) Persons appointed by the Council to be members of the Faculty shall hold office until the end of the calendar year for which they are appointed, but shall be eligible for re-appointment after recommendation by the Faculty.
- (8) Not more than three members of the staff of any Department shall be members of the Faculty at the same time.

## LAW.

- 6. (1) The Faculty of Law shall consist of the Chancellor, the Vice-Chancellor, the Bonython Professor of Law, the Reader in Law, the Lecturers in the legal subjects of the curriculum for the degree of Bachelor of Laws, their Honours the Judges of the Supreme Court, the Dean of the Faculty of Arts, the Hughes Professor of Classics and Comparative Philology and Literature, and the President of the Law Society of South Australia, Incorporated, who shall be members *ex officio*.
- (2) The Council may also appoint to be members of the Faculty not more than two members of the Council, and not more than three other persons recommended by the Faculty.
- (3) Persons appointed by the Council shall hold office until the end of the calendar year for which they are appointed, but shall be eligible for re-appointment if they are still members of the Council or are again recommended by the Faculty (as the case may be).

## MEDICINE.

- 7. (1) The Faculty of Medicine shall consist of the Chancellor, the Vice-Chancellor, the Elder Professor of Physics, the Angas Professor of Chemistry, the Professor of Botany, the Professor of Zoology, the Elder Professor of Anatomy and Histology, the Professor of Biochemistry and General Physiology, the Professor of Human Physiology and Pharmacology, the Marks Professor of Pathology, the Professor of Bacteriology, the most senior Reader, Senior Lecturer or Lecturer in each of the Departments of Anatomy, Biochemistry, Physiology, Pathology and Bacteriology, the Director and Lecturers in the Division of Medical Studies, the Director and Lecturers in the Division of Surgical Studies, the Director of Obstetrics, the Dr. Edward Willis Way Lecturer in Gynaecology, the Lecturer in Public Health and Preventive Medicine, the Director-General of Medical Services, and the Director of the Institute of Medical and Veterinary Science, who shall be members *ex officio*.
- (2) The Council may also appoint to be members of the Faculty not more than five other persons.
- (3) Persons appointed by the Council shall hold office until the end of the calendar year for which they are appointed.

## DENTISTRY.

- 8. (1) The Faculty of Dentistry shall consist of the Chancellor, the Vice-Chancellor, the Director of Dental Studies, the Elder Professor of Physics, the Angas Professor of Chemistry, the

Professor of Zoology, the Elder Professor of Anatomy and Histology, the Professor of Biochemistry and General Physiology, the Professor of Human Physiology and Pharmacology, the Marks Professor of Pathology, the Head of the Department of Bacteriology, the Reader in Prosthetic Dentistry, the Lecturer in Operative Dentistry, the Lecturer in Crown and Bridge Work, the Lecturer in Orthodontics, the Lecturer in Periodontics, the Lecturer in Dental Metallurgy, the Lecturer in Medicine, the Lecturer in Surgery, the Lecturer in Dental Materia Medica and Therapeutics, the Lecturer in Dental Surgery and Pathology, the Director-General of Medical Services, and the Chairman of the Dental Board, who shall be members *ex officio*.

- (2) The Council may also appoint to be members of the Faculty not more than three other persons recommended by the Faculty.
- (3) Persons appointed by the Council to be members of the Faculty shall hold office until the end of the calendar year for which they are appointed but shall be eligible for re-appointment after recommendation by the Faculty.

#### MUSIC.

9. (1) The Faculty of Music shall consist of the Chancellor, the Vice-Chancellor, the Elder Professor of Music, the Lecturers in Music, the Lecturer in Acoustics, the Dean of the Faculty of Arts, and the Lecturer in charge of music at the Adelaide Teachers' College, who shall be members *ex officio*.
- (2) The Council may also appoint to be members of the Faculty not more than three other persons recommended by the Faculty.
- \* (3) The Council may appoint to be members of the Faculty not more than five teachers of principal subjects in the Elder Conservatorium of Music recommended annually by the Faculty.
- (4) Persons appointed by the Council to be members of the Faculty shall hold office until the end of the calendar year for which they are appointed, but shall be eligible for re-appointment after recommendation by the Faculty.

#### ECONOMICS.

10. (1) The Faculty of Economics shall consist of the Chancellor, the Vice-Chancellor, the Dean of the Faculty of Arts, the Professor of Economics, the Bonython Professor of Law, the Professor of History and Political Science, the Elder Professor of Mathematics, the Reader in Commercial Studies and the Reader in Geography, who shall be members *ex officio*.

\* Allowed 22nd January, 1953.

- (2) The Council may appoint as members of the Faculty
  - (a) two Readers, Senior Lecturers or Lecturers from the Department of Economics and two Lecturers in Commercial Studies recommended annually by the Professor of Economics;
  - (b) one Reader, Senior Lecturer or Lecturer from each of the Departments of History and Political Science and of Geography recommended annually by the Head of the Department concerned;
  - (c) such other persons, not exceeding six, as the Faculty may annually recommend.
- (3) Persons appointed by the Council shall hold office until the end of the calendar year for which they are appointed, but shall be eligible for re-appointment after such recommendation as the case may require.

#### GENERAL

11. Each Faculty shall advise the Council on all questions touching the studies, lectures and examinations in the course of the Faculty.

12. Each Faculty shall annually elect one of their number to be Dean of the Faculty.

13. The Dean of each Faculty shall perform such duties as shall from time to time be prescribed by the Council and (amongst others) the following:

- (a) He shall, at his own discretion, or on the written request of the Chancellor or Vice-Chancellor, or of two members of the Faculty, 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 its administrative business.

14. When the Dean is absent from a meeting, the Faculty shall elect a Chairman for that occasion.

#### SUB-FACULTIES.

15. (1) 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.
- (2) If the Dean of the Faculty does not wish to act as Chairman of the sub-Faculty, the Faculty shall annually appoint the Chairman.
- (3) 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.

16. 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.

17. The appointment of examiners in Law in the subjects necessary for admission to the Bar shall be subject to approval by the Judges of the Supreme Court.

Allowed 17th January, 1952.

#### 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 three guineas, and candidates admitted *ad eundem statum* shall pay a fee of two 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.

\* Allowed 8th December, 1938.

† Allowed 17th January, 1952.



## Form of Presentation for Graduates of Other Universities.

Mr. Chancellor, Mr. Vice-Chancellor, and Members of the Council  
and Senate of the University of Adelaide.

I present to you \_\_\_\_\_ who has been admitted to the Degree  
of \_\_\_\_\_ in the University of \_\_\_\_\_ as a fit and  
proper person to be admitted to the rank and privileges of that degree  
in the University of Adelaide.

## Form of Admission to any Degree.

By virtue of the authority committed to me, I admit you  
to the rank and privileges of a \_\_\_\_\_ in the University of  
Adelaide.

## Form of Admission to any Degree during the Absence of a Candidate.

By virtue of the authority committed to me, I admit in his absence  
to the rank and privileges of a \_\_\_\_\_  
in the University of Adelaide.

Allowed 2nd December, 1926.

### Chapter XII.—Of the Board of Discipline.

\*1. There shall be a Board of Discipline, consisting of the Chan-  
cellor, the Vice-Chancellor, the Deans of the several Faculties, and  
such Professors or Lecturers as may be appointed by the Council.

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

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

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

He shall preside at the meetings of the Board.

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

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

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

(a) to dismiss such complaint;

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

(i) by admonishing the student complained against;

(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;

\* Amended 22nd January, 1953.

- (iv) by excluding such student, for such term as the Board may think fit, from any course of instruction in, or from any lectures of, the University, or from any examination;
  - (v) by excluding such student, for such term as the Board may think fit, from any place of study or recreation in the University, or from the premises of the University;
- (c) to expel such student from the University.

Every such decision of the Board shall be reported to the Council, who may reverse, vary, or confirm the same.

6. Any Professor or Lecturer may dismiss from his class any student whom he considers guilty of impropriety, but shall on the same day report his action and the ground of his complaint to the Chairman.

Allowed 2nd December, 1926.

### Chapter XIII.—Of The Angas Engineering Scholarship and the Angas Engineering Exhibitions.

Whereas on the 4th day of January, 1878, the Honourable John Howard Angas, M.L.C., paid the sum of £4,000 to the University for the purpose of permanently founding (with the income thereof and the annual grant payable in respect thereof under the Fifteenth Section of the Adelaide University Act), the Angas Engineering Scholarship and the Angas Engineering Exhibitions, to encourage the training of scientific men, and especially Engineers, with a view to their settlement in South Australia: Now it is hereby provided as follows:

#### A. The Angas Engineering Scholarship.

1. There shall be a scholarship called The Angas Engineering Scholarship of the value of £400, with an additional allowance of £100 for travelling expenses.

1A. The tenure of the scholarship shall normally be for two years, but if the scholar wishes to follow an approved course of study or research work at a University the Council may allow the whole value of the scholarship to be paid to the scholar in a shorter period than two years.

2. Each candidate for the scholarship must be under twenty-five years of age on the first day of the month in which he shall compete for it, and must have resided in South Australia for at least five years. He shall produce such evidence of good health as shall be satisfactory to the Council.

3. Candidates for the scholarship must have graduated in Arts or Science, or have passed all the examinations necessary for graduating in Engineering at the University of Adelaide.

4. The scholarship shall be competed for biennially, in the month of June. If on any competition the examiners shall not consider any candidate worthy to receive it, the scholarship shall for that year lapse, but shall be again competed for in the month of June next ensuing.

‡ Allowed 23rd January, 1947.

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

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

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

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

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

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

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

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

• Allowed 30th November, 1933.

**B. The Angas Engineering Exhibitions.\***

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

11. (a) One Angas Engineering Exhibition shall be offered for competition in the month of November or December of each year, and shall be awarded on the results of candidates at the Leaving Examination in such subjects as may be prescribed by the Council from time to time; but no award shall be made unless there is a candidate of sufficient merit.

(b) A candidate for an exhibition shall enter for it on a form to be obtained from the Registrar, not later than the first day of October in the year of competition.

(c) A candidate who fails to enter by the prescribed date may be permitted to do so later on payment of a fee of 5/-, provided that no entry shall be accepted later than seven days before the first day of the Leaving Examination.

12. A candidate shall not be more than eighteen years of age on the 31st December in the year in which the examination is held, and, before being awarded an exhibition, shall have fulfilled the requirements for matriculation in the Faculty in which he desires to enrol.

13. (a) Each exhibitioner shall, within such time as may be approved in each case, enrol himself as a matriculated student in Engineering or Science at the University of Adelaide, and shall thenceforward prosecute continuously and with diligence his studies for the Degree of Bachelor of Engineering or Bachelor of Science.

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

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

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 exhibitioner 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 exhibitioner 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

\* Awaiting allowance at time of printing.

University Act. The income (including such grant) to be derived from the said sum, or so much of such income as shall be sufficient, shall be applied in paying the said scholarship and exhibitions, and so much of such income as in any year shall not be so applied shall be at the disposal of the Council for the purposes of the University.

17. These Statutes may be varied from time to time, but the title and general purpose of the scholarship and exhibitions shall not be changed.

Allowed 6th December, 1922.

#### Chapter XIV.—Of The John Howard Clark Prize and the John Howard Clark Scholar.

Whereas the University of Adelaide has received and has invested the sum of £500 for the purpose of perpetuating the name of John Howard Clark; And whereas it was agreed with the donors that the word "income" in these Statutes should include not only the interest to accrue from the said sum, but grants to be received from the Government in respect thereof:

It is hereby provided that:

1. There shall be an annual prize, to be called The John Howard Clark Prize, which shall consist of one-half the annual income of the fund received by the University as aforesaid.

2. The prize shall be awarded to the candidate for the Honours Degree of Bachelor of Arts who shall have been placed highest in the final examination in the school of English Language and Literature, and shall be judged by the examiners to have reached a sufficient standard.

3. If more than one candidate shall be considered by the examiners to have attained a standard worthy of the prize, the name of the second in order of merit shall be reported to the Council.

4. If the examiners shall consider no candidate worthy of the prize, they shall so report, and no award shall be made for that year; but there shall not, by reason of that lapse, be more than one prizeman in the following year.

\*5. The prizeman will be required to proceed to the degree of Master of Arts by submission of a satisfactory thesis on a subject connected with the English language or with English literature and approved by the Faculty of Arts. The subject must be submitted for approval by the Faculty not later than the first day of April following the award; and the thesis must be submitted not later than the last day for submitting M.A. theses in the second year following that of the award, or such extended time as the Council in special circumstances may allow. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts, the prizeman shall deposit an approved copy of it in the University library; he shall then receive a further payment of one-half of the income available from the fund, and shall be granted the title of "John Howard Clark

• Allowed 3rd January, 1935.

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

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

Allowed 2nd December, 1926.

#### Chapter XV.—Of The Stow Prizes and Scholar.

Whereas a sum of Five Hundred Pounds was subscribed with the intention of founding prizes in memory of the late Randolph Isham Stow, sometime one of the Justices of Her Majesty's Supreme Court of this Province: And whereas the said sum was paid to the University for the purpose of establishing the prizes hereinafter mentioned: It is hereby provided:

1. That there shall be annual prizes, to be called The Stow Prizes.
2. Each of such prizes shall consist of the sum of fifteen pounds, or (at the option of the prizeman) of books to be selected by him of the value of fifteen pounds.
- \*3. A Stow Prize may be awarded to any candidate for the LL.B. Degree, who, at any November Examination, in the opinion of the Board of Examiners shall have shown exceptional merit in not less than two subjects.
4. Not more than four Stow Prizes may be awarded in any one year.
5. Every Bachelor of Laws, who shall during his course have obtained three Stow Prizes, shall receive a gold medal, and shall be styled Stow Scholar.

• Allowed 12th December, 1907.

Allowed January, 1899.

#### Chapter XVIa.—Of the Everard Scholarship.

Whereas the late William Everard has bequeathed to the University the sum of £1,000 for the purpose of founding a scholarship in connection with the medical school, such scholarship to be called by his name; it is hereby provided as follows:

1. A scholarship, to be called The Everard Scholarship, shall be offered for competition annually.
2. The value of the scholarship shall be Thirty Pounds, and shall be paid to the scholar in one sum.

3. The scholarship shall be awarded to the student who, being neither a graduate in medicine of any other medical school nor a person who has been registered as a medical practitioner in South Australia or elsewhere, has completed the whole of the last three years of the medical course in the University of Adelaide and has been placed highest amongst such eligible candidates in the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year; provided that an award shall be made only if in the opinion of the Board of Examiners there is a candidate of sufficient merit.

Allowed 16th June, 1949, and amended 8th December, 1949.

#### Chapter XVIIb.—Of The Eric Smith Scholarship.

Whereas in the year 1879 the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) paid to the University the sum of £150 for the purpose of establishing the scholarship hitherto known as The Commercial Travellers' Association Scholarship; and whereas, through the liberality of Sir Edwin Smith, the Association has been enabled to pay to the University the further sum of £500 for the purpose of extending the benefits conferred by the scholarship, and has requested the University to change the name of the scholarship to The Eric Smith Scholarship, in memory of Lieutenant Eric Wilkes Smith, a grandson of Sir Edwin, who was mortally wounded in the attack upon the Dardanelles on April 25, 1915: Now it is hereby provided as follows:

1. A scholarship, to be called The Eric Smith Scholarship, shall be awarded by the University on the nomination of the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

2. The scholar must, prior to the award, have satisfied the requirements of the University for entrance upon the degree course which he proposes to take at the University.

3. The scholar shall be exempt from all University fees, including the fees payable on taking the degree, in the course of study he selects.

4. The scholar shall be in all respects subject to the discipline and to the statutes and regulations for the time being, of the University.

5. Save by permission of the Council of the University, the scholar shall not retain the scholarship for a longer period than that reasonably required in the opinion of the Council for proceeding to the degree in the course selected.

6. The Association may at any time, with the permission of the Council of the University, substitute another student for the then holder of the scholarship, and the privileges of the then holder shall thereupon be at an end.

7. The University shall pay the fees at the School of Mines for any scholar taking a degree in engineering, and the fees at the Adelaide Hospital for any scholar taking a degree in Medicine, provided that

if such fees be increased at any time it shall not be obligatory upon the University to pay the amount of the increase.

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

Allowed 10th December, 1915.

#### Chapter XVIc.—Of The Archibald Mackie Bursary.

Whereas the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) has paid to the University the sum of £100 for the purpose of founding a bursary in memory of Archibald Mackie, formerly Secretary of the Association: Now it is hereby provided as follows:

1. A bursary, to be called The Archibald Mackie Bursary, shall be awarded by the University to any person nominated from time to time by the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

\*2. The value of the bursary shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the bursar may include in his curriculum for the degree of Bachelor of Economics.

3. The bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.

\*4. Save by permission of the Council of the University, the bursar shall not retain the bursary for more than six years.

5. The Association may, at any time, with the permission of the Council, substitute another student for the then holder of the bursary, and the privileges of the then holder shall thereupon be at an end.

This statute may be varied from time to time, but the title of the bursary shall not be changed.

\* Allowed 22nd January, 1953.

Allowed 10th December, 1915.

#### Chapter XVII.—Of Conduct at Examinations.

A candidate must not during any examination whatever:

- (a) have in his or her possession any book or notes or any other means whereby he or she may improperly obtain assistance in his or her work; or
- (b) directly or indirectly give assistance to any other candidate; or
- (c) permit any other candidate to copy from or otherwise use his or her papers; or
- (d) directly or indirectly accept assistance from any other candidate; or
- (e) use any papers of any other candidate; or
- \* (f) by any other improper means whatever obtain or endeavour to obtain, directly or indirectly, assistance in his work, or give or endeavour to give, directly or indirectly, assistance to any other candidate; or

• Allowed 2nd December, 1926.



(g) be guilty of any breach of good order or propriety.

Any candidate who shall be guilty of a breach of any of the provisions of this regulation shall lose that examination; and, if detected at the time, shall be summarily dismissed from the examination room; and shall be liable to such further punishment, whether by exclusion from future examinations or otherwise, as the Council may determine.

Allowed 3rd January, 1907.

### Chapter XVIII.—Of Academic Dress.

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

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

3. The academic dress for graduates shall be:—

#### GOWNS.

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

#### HOODS.

- (a) *For Bachelors*: of black silk or stuff and partly lined with silk six inches wide of the colour of the Faculty.
- (b) *For Masters*: of black silk and entirely lined with silk of the colour of the Faculty.
- (c) *For Doctors of Philosophy*: of black silk entirely lined with scarlet.
- (d) *For Doctors* (other than of Philosophy): of scarlet cloth and entirely lined with silk of the colour of the Faculty.
- (e) In each case the shape shall be that used at Cambridge.
- (f) In each Faculty the colour of the lining shall be uniform for the degrees of Bachelor, Master, and Doctor.
- (g) The colour of the lining in the several Faculties shall be, in accordance with the specimens given in *Ridgway's Colour Standards and Nomenclature*, as follows:—
  - (i) Law—Sky Blue (Plate XX).
  - (ii) Medicine—Eosine Pink (Plate I).

- (iii) Surgery—Eosine Pink (Plate I).
- (iv) Dental Surgery—Salmon Colour (Plate XIV).
- (v) Arts—Pale Violet Gray (Plate LII).
- (vi) Science—Primuline Yellow (Plate XVI).
- (vii) Agricultural Science—Orange Chrome (Plate II).
- (viii) Engineering—Purple (True) (Plate XI).
- (ix) Music—Cendre Green (Plate VI).
- (x) Economics—Helvetia Blue (Plate IX).
- \*(xi) For the degree of Bachelor of Medical Science—  
Carmine (Plate I).

**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.

\* Amendment awaiting allowance at time of printing.  
Allowed 8th December, 1949.

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### Chapter XIX.—Saving Clause and Repeal.

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

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

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

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

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

Provided that —

1. This repeal shall not affect —

- (a) Anything done or suffered before the allowance and countersignature by the Governor of these statutes under any statute or regulation repealed by these statutes; or
- (b) Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed; or
- (c) The validity of any order or regulation made under any statute or regulation hereby repealed; and

2. In particular, but without prejudice to the generality of the foregoing provisions, the repeal effected by these statutes shall not alter the rank, precedence, titles, duties, conditions, restrictions, rights, salaries, or emoluments attached to the Chancellorship or Vice-Chancellorship or to any Professorship, Lectureship, Registrarship, or other office held by the present Chancellor or Vice-Chancellor, or by any existing Professor, Lecturer, Registrar, or other officer.

Allowed 18th December, 1886.

#### Chapter XX.—Of The Roby Fletcher Prize.

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

The Roby Fletcher prize shall be £10 and shall be awarded annually to the best student in Psychology, as prescribed for the degree of Bachelor of Arts, provided he is of sufficient merit.

Allowed 7th December, 1939.

#### Chapter XXI.—Of The Dr. Davies-Thomas Scholarships.

Whereas Mrs. Davies-Thomas has given the sum of £400‡ for the present purpose of founding two scholarships to be called after the late Dr. Davies-Thomas, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof

‡ Increased in 1934 to £600.

in the manner specified in these Statutes, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum:—

1. The scholarships 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 Fourth Examinations of the M.B. course who shall be placed first in the list of candidates who pass with credit.

†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 10th December, 1930.      † Allowed 26th January, 1898.  
 Allowed 15th December, 1896.

### Chapter XXII.—Of The Hartley Studentship.

Whereas the sum of £600 has been subscribed with the intention of founding a studentship in memory of the late John Anderson Hartley, Vice-Chancellor of the University of Adelaide, and Inspector-General of Schools, and whereas the said sum has been paid to the University of Adelaide to be used and administered by it in fulfilment of such intention, and the University has decided in recognition of the services of the said John Anderson Hartley to the said University from its foundation until his lamented death in 1896 to supplement the income from the said sum, so as to give effect to the following scheme, it is hereby provided as follows:—

\*1. There shall be a studentship, to be called The Hartley Studentship, of the value of £25, open for competition every year to students intending to enter upon the course for the B.A., \*\*B.Ec., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree.

‡2. The Hartley Studentship shall be awarded in each year to the most successful candidate at the Leaving Honours Examination, provided that, in the opinion of the examiners, he is of sufficient merit.

§The award shall be determined by adding together the marks obtained in not more than five subjects of the Leaving Honours Examination.

3. The subjects for such examination and their relative value shall be from time to time determined by the Council.

\*4. Every Hartley Student shall forthwith, after the award of the studentship, commence his course, and shall diligently prosecute his studies for the B.A., \*\*B.Ec., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree. Half the amount of the studentship shall be paid when the student enters upon the course he has selected, and the other half when he has completed his first year, if, in the opinion of the Council, the student has done satisfactory work in that year. But

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

if the Council shall decide, on the recommendation of the Faculty governing his course, that his work has not been satisfactory, the second payment may be suspended on such terms as the Council may decree, or may be declared forfeited.

5. These provisions shall be subject to alteration from time to time, in such manner as to the University shall seem fit.

Allowed 7th December, 1911.

#### Chapter XXIV.—Of Non-Graduating Students.

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

“I do solemnly promise that I will faithfully obey all existing and future Statutes, Regulations and Rules made or approved by the University of Adelaide or the Council thereof in force from time to time, so far as they may apply to me; and that I will properly demean myself and respectfully submit to and obey the constituted authorities appointed by the said University; and I declare that I believe myself to have attained the full age of sixteen years.”

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

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

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

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

\* Allowed 11th December, 1941.

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

Allowed 7th December, 1904.

### Chapter XXV.—Miscellaneous.

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

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

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

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

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

\*2A. Every candidate for an examination, degree, diploma, scholarship, exhibition, studentship or prize shall enter his name on the prescribed form with the Registrar not later than a date fixed by the Council and published in the Calendar or by advertisement. Later entries may be received on payment of an additional fee of five shillings which, however, may be remitted by the Vice-Chancellor for an adequate reason; but no entry shall be received within seven days of the examination except with the express approval of either the Dean of the Faculty concerned or the Vice-Chancellor.

†2B. Whenever an essay or thesis is accepted for the award of a University prize or scholarship, or for admission to a higher degree, and it is provided by statute or regulation that a copy thereof shall be deposited in the University Library, the successful candidate shall lodge with the Registrar a copy of such essay or thesis prepared in accordance with the following conditions:

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

\* Allowed 11th December, 1947. † Allowed 11th December, 1947.

‡ Allowed 11th November, 1954.

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

- (b) The essay or thesis shall be bound, and the cover shall be entitled and lettered in accordance with specifications to be supplied by the Librarian.

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

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

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

°4. Wherever, in the Statutes or Regulations of the University, a time limit or an age limit is imposed, the Council shall have power to add or deduct or allow for the period spent in war service by any candidate, but may impose such conditions or modifications as may seem good to the Council in each case.

‡4A. On the advice of the appropriate Faculty or Board, the Council may make special provision for any candidate for a degree or diploma who has been engaged in war service, by altering the conditions prescribed for entrance on his course of study, by altering the fees, and by adjusting the curriculum, provided that the whole curriculum be substantially fulfilled before the degree or diploma is conferred.

\*\*4B. Where by reason of physical disability a student is unable to perform any section of the work prescribed by the regulations for the course on which he has entered or proposes to enter, the Council, on the advice of the appropriate Faculty or Board, may allow him to substitute for such work, other work or another subject substantially equal in standard, and in such case may also impose such other conditions as it thinks fit.

§5. In all cases where Regulations affecting the course of study for any degree or diploma of the University have been or shall be repealed or altered, the Council may nevertheless allow candidates who have previously entered under the Regulations repealed or altered to complete their course thereunder, but may impose such conditions or modifications as may seem good to the Council in each individual case.

¶6. In all cases where the passing of a Public Examination of this University is required by the Regulations, the passing of any other examination of this University which shall appear to the Council to be of at least equal value may be accepted instead thereof.

§ Allowed 12th August, 1915.

† Allowed 12th August, 1903.

\*\* Allowed 23rd January, 1947.

‡ Allowed 5th December, 1918.

° Allowed 10th December, 1919.

¶ Allowed 12th August, 1915.

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

¶8. In addition to the annual fees payable for lectures, every student taking any course for a degree or a diploma shall, unless exempted by the Council, pay an annual fee of six pounds ten shillings, which shall be paid at the same time as the lecture fees for the first term.

†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 10th December, 1919.

¶ Allowed 10th January, 1946, and amended 22nd January, 1953.

† Allowed 7th December, 1927.

‡ Allowed 7th December, 1932.

§ Allowed 10th January, 1946.

\*\* 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 Science;
- (iv) The Board of Studies in Physiotherapy;

and such other Boards of Studies as the Council may from time to time appoint.

2. (a) Each Board of Studies shall consist of the Chancellor, the Vice-Chancellor, the professors and lecturers in control of subjects in the curriculum of the Board, and such other persons as the Council may from time to time appoint.

(b) The President and the Secretary of the Pharmaceutical Society of South Australia, Incorporated, and the President of the Pharmacy Board of South Australia shall be members of the Board of Studies in Pharmacy.

3. Each Board of Studies shall advise the Council on all questions touching the studies, lectures and examinations in the curriculum of the Board.

4. Each Board shall annually elect one of its members to be Chairman; except that the Angas Professor of Chemistry shall *ex officio* 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;

\* Amended 8th December, 1949, and 22nd January, 1953.

- (iii) subject to the control of the Board, exercise a general control over its administrative business;
- (iv) perform such other duties as the Council shall from time to time prescribe.

6. Whenever the Chairman is absent from a meeting, the Board shall elect another member to preside during the Chairman's absence.

7. The Board of Examiners of each Board of Studies shall consist of the Professors and Lecturers in the subjects of the curriculum of the Board, together with such other examiners as may be appointed by the Council.

8. The qualifications prescribed for admission to the course for any diploma are set out in the regulations governing that diploma.

9. If in any academical year the number of qualified students who apply to begin a course of study for any diploma is in the opinion of the Board of Studies concerned greater than can be taught, the Council may thereupon select from such students by such method as the Council from time to time determines those who, in its opinion, should be entitled to begin the course of study for that diploma in that year.

Allowed 11th December, 1947.

#### Chapter XXVIII.—Of The Joseph Fisher Medal of Commerce and The Joseph Fisher Lecture in Commerce.

Whereas on the 17th day of April, 1903, Joseph Fisher, Esquire, paid the sum of £1,000 to the University for the purpose of promoting with the income thereof, and the annual grant payable in respect thereof under the University Act, the study of Commerce in the University: It is hereby provided as follows:—

\*1. There shall be a medal, to be called The Joseph Fisher Medal for Commerce, which shall be awarded annually in accordance with the following provisions:

- (a) Until the end of the year 1954, the medal shall be awarded to the candidate for the diploma in Commerce, who on completing the course for that diploma shall in the opinion of the examiners be the most distinguished academically and be deemed by them worthy of the award.
- (b) As from January 1, 1955, the medal shall be awarded to the candidate who, having completed the course for the degree of Bachelor of Economics and having included in his curriculum for the degree four courses in Accountancy and Law, shall be deemed by the examiners to be academically the most distinguished eligible candidate in that year and worthy of the award.

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

- (a) A candidate for the diploma in Commerce must have completed the course for the diploma within six years of his entering upon the course.

\* Allowed 22nd January, 1953.

- (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 12th August, 1903.

#### Chapter XXIX.—Of the Affiliation of Roseworthy Agricultural College.

Whereas application has been made by the Governing Body of Roseworthy Agricultural College for affiliation to the University, it is hereby provided that—

1. The Roseworthy Agricultural College is affiliated to the University of Adelaide.

\*2. The Council of the University, on the recommendation of the Faculty of Agricultural Science, may exempt students who have attended courses of instruction and passed examinations of the said College from attendance at lectures, and from examinations, in the corresponding subjects of the course for the degree of Bachelor of Agricultural Science.

• Allowed 3rd January, 1929.

Allowed 7th December, 1905.

#### Chapter XXX.—Of The Tinline Scholarship.

Whereas George John Robert Murray, a member of the Council of this University, has paid to the University the sum of one thousand pounds for the purpose of founding with the income thereof a scholarship in memory of the family of his mother, to be called The Tinline Scholarship: Now it is hereby provided as follows:

1. The Tinline Scholarship shall be available for award every year.
2. Subject to the provisions of clauses 6 and 7, the scholarship shall be awarded each year to the candidate placed highest in the final examination for the honours degree of Bachelor of Arts in the School of Political Science and History. If any candidate who has been awarded the scholarship decline it, the scholarship shall then be awarded to the candidate placed next in order of merit in the examination referred to above.
3. If in any year there be no award of the scholarship under clause 2, the scholarship for that year may be awarded to a candidate who in that year has obtained honours in the final examination for the honours degree of Bachelor of Arts in a combined school which included work in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute.
4. If in any year there be no award of the scholarship under clauses 2 and 3 the scholarship for that year may be awarded to a candidate who has qualified to enter upon the final year's work for the Honours degree of Bachelor of Arts in the School of Political Science and History. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have passed the final examination for the Honours degree of Bachelor of Arts in the School of Political Science and History.
5. If in any year there be no award of the scholarship under clauses 2, 3 and 4, the scholarship for that year may be awarded to a candidate for the Ordinary degree of Bachelor of Arts who has completed at least three courses in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute and of regulation 2 of the degree of Master of Arts. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have complied with the requirements of regulation 2 of the degree of Master of Arts.
6. The scholarship shall not be awarded to the same person more than once.
7. If in any year there be no candidate of sufficient merit, no award shall be made for that year; but there shall not, by reason of such lapse, be more than one award in the following year.
8. Each candidate awarded the scholarship shall proceed to the degree of Master of Arts in the School of Political Science and History by submission of a satisfactory thesis on a subject approved by the Faculty of Arts. The candidate must submit the subject of his thesis for approval by the Faculty not later than the first day of April following the award of the scholarship; and he must submit his thesis not later than the last day prescribed for the submission of theses for the degree of Master of Arts in the second year following that of the award, or at such later date as in special circumstances the Council may approve.
9. Each scholarship shall be of the total value of £60, payable in two instalments, each of £30. The first instalment shall be paid not

sooner than the end of the sixth month after the date of award, provided that a satisfactory report of progress has been received from the Professor of Political Science and History, or from some other person approved by the Council. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts and the candidate has deposited an approved copy of it in the University library, the second instalment shall be paid and the candidate shall receive the title of Tinline Scholar.

10. A candidate for the scholarship shall be in all respects subject to the Statutes and Regulations for the time being of the University, and, if his conduct is not satisfactory, his tenure of the scholarship may be cancelled by the Council at any time.

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

Allowed 5th December, 1940.

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#### Chapter XXXI.—Of the David Murray Scholarships.

Whereas the late David Murray has bequeathed the sum of £2,000 to the University of Adelaide for the purpose of founding scholarships, and whereas the said sum has been paid to the University to be used and administered by it in fulfilment of such intention, it is hereby provided as follows:—

1. The scholarships shall be called the David Murray Scholarships.
2. The purpose of the scholarships shall be to encourage advanced work and original investigation.
3. The sum of £25 may be awarded in each year by the Faculty of Arts, and by the Faculty of Laws, and in alternate years by the Faculty of Science and by the Faculty of Medicine.
4. The scholarships shall be awarded in accordance with conditions prepared by each Faculty and approved by the Council.
- \*5. If for any reason the full amount of £25 be not awarded in any year by any Faculty having the disposal of it, any amount so unawarded shall be disposed of as the Council shall determine.
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 7th December, 1927.

Allowed 13th January, 1908.

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#### Chapter XXXII.—Infectious Diseases.

1. If any professor, or lecturer, or examination supervisor, suspects or is apprehensive, that any student attending or desiring to attend his classes, or any examinations, is suffering from Tuberculosis, or any other disease which he believes may be infectious, he may request such student to absent himself, and thereupon such student shall without delay leave the University premises, or any place in which

any University lecture or examination is being given or held, and shall not return to the University, or such other place, until he forwards to the Registrar a certificate, under the hand of the Dean of the Faculty of Medicine or of the Medical Officer of Health in the District where he resides, or may be isolated, to the effect that there is no risk, or no longer any risk, of his conveying infection to others

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

Allowed 24th August, 1910.

#### 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.

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

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

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

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

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

† 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; provided, however, that failure to pass in any examination shall not of necessity be sufficient cause for forfeiture. The decision of the Council as to the forfeiture of a scholarship shall be final.

†6. If a scholarship be forfeited, or lapses or becomes vacant before the holder has completed his course for the degree of Bachelor of Economics, the scholarship shall not be re-awarded.

7. No student shall hold one of the said scholarships concurrently with any other scholarship tenable at the University.

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

† Allowed 22nd January, 1953.

\* Allowed 3rd January, 1929.

Allowed 24th December, 1913.

#### Chapter XXXVII.—Of The Alexander Clark Memorial Prize.

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

1. The prize shall be called The Alexander Clark Memorial Prize.  
 2. Candidates for the prize may present themselves in any one of the following Principal Subjects, viz., Pianoforte, Violin, Organ, Violoncello, or Singing, and they shall undergo such examination as the Council may from time to time direct. An examination fee of 10s. 6d. shall be paid by each candidate.

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

For Singing, not less than 16, nor more than 24 years  
 For Organ and Violoncello, not more than 24 years  
 For Pianoforte and Violin, not more than 21 years

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

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

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

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

5. The prize shall, for the present, be of the annual value of £12 10s. tenable for three years, subject to the provisions contained in Clause 7. The holder shall be required to study at the Elder Conservatorium the principal subject for which the prize shall have been awarded, together with such secondary subjects as may be approved by the Director, and shall pay the proper fees. Scholars taking Violin as the Principal Subject of study shall, unless exempted by the Director, also study the Viola.

6. Payment of the prize shall be made in four equal instalments in each year, one at the beginning of each term.

\*\*7. Every holder of a prize may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the diploma course, he shall be required to pass an examination in his principal subject at the end of each year of his course. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the prize for the remaining portion of the term of three years, unless the Council shall otherwise decide. A prize shall also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

†7A. The prizeman shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

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

\*\* Allowed 10th December, 1925. † Allowed 16th December, 1948.

†† Amendment awaiting allowance at time of printing.

††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.

†† Repeal awaiting allowance at time of printing.

Allowed 13th December, 1917.

#### Chapter XXXVIII.—Of The Lister Prize.

Whereas the sum of £100 has been paid to the University by an anonymous donor for the purpose of founding a prize in memory of the late Lord Lister, it is hereby provided that:

1. The prize shall be called The Lister Prize.

2. It shall consist, until otherwise determined, of a bronze medal and the sum of £3 10s.

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

4. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine, and shall hold the examination at the end of the second term. The marks awarded shall be taken into consideration in determining whether an undergraduate is entitled to a certificate signed by his honorary officers.

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

6. These Statutes may be varied by the Council from time to time, but the title and general purpose of the prize shall not be altered.

\* Allowed 17th January, 1952.

Allowed 30th November, 1933.

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

Whereas the sum of £200 has been bequeathed to the University by the late John Harvey Finlayson for the purpose of founding a scholarship in Political Economy, or some cognate subject, in memory of the late John Lorenzo Young, the founder and proprietor of a school formerly existing in Adelaide, known as "The Adelaide Educational Institution": And whereas, to further perpetuate the memory of the said John Lorenzo Young, some of his old pupils have subscribed and paid to the University a further sum of seven hundred pounds for the purpose of promoting, with the income thereof, original research in any department of knowledge: Now it is hereby provided as follows:

##### A. The John Lorenzo Young Scholarship.

1. The said sum of £200 shall be invested, and with the income thereof a scholarship is hereby established, to be called The John Lorenzo Young Scholarship.

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

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

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

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

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

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

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

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

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

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

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

\* Amended 22nd January, 1953. † Allowed 30th November, 1933.

### **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.

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

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.

Allowed 10th December, 1915.

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#### 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 10/6 and shall undergo such examination as the Council may direct.

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

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

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

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

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

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

° Allowed 10th December, 1919.   \*\* Allowed 30th November, 1933.  
‡ Allowed 16th December, 1948.

‡‡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 four equal instalments, one at the beginning of each term.

8. One scholarship shall be offered for competition early in 1918, and the other towards the end of that year, and subsequently each shall be offered towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture.

9. These Statutes may be varied from time to time, but the title and general purpose of the scholarships shall not be changed.

‡‡ Amendment awaiting allowance at time of printing.

† Allowed 10th December, 1925.

‡ Allowed 16th December, 1948.

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.

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 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.

\* Allowed 6th December, 1922. † Allowed 10th December, 1925.

‡ Allowed 30th November, 1933.



†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 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, tenable for one year, to be called The Thornber Bursary, of the value of £22 shall be awarded annually by the University to the candidate nominated by the Institute of Associated Teachers.

2. The candidate must have satisfied the requirements of the University for entrance upon the degree course which she proposes to take, and shall, as soon as possible after the award (unless the Council shall allow a delay) enter the University and commence study in some course approved by the Dean of the Faculty concerned.

3. If for any reason the candidate shall fail to comply with the condition of Clause 2 the bursary may, at the discretion of the Council, be awarded to another candidate who shall be nominated by the Institute of Associated Teachers.

4. In the event of the bursary being vacant on the first day of March in any year, such bursary shall be available for award to any woman candidate by the Council at its discretion.

5. Payment of the bursary shall be made in three equal instalments at the beginning of each term of the year of tenure, subject as to the second and third payments to the condition that the work done by the student be deemed satisfactory by the Dean of the Faculty.

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 10th December, 1925.

Note.—Candidates who desire to compete for the above 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 Institute of Associated Teachers.

#### 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 8rd 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 1963.

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 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 22nd January, 1953.

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.

\* Allowed 17th January, 1952.

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 10th December, 1936.

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

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

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

Allowed 10th November, 1937.

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

Whereas the sum of £2,000 has been paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship: It is hereby provided as follows:—

1. There shall be a scholarship to be called The T. G. Wilson Travelling Scholarship in Obstetrics.

2. The scholarship shall be tenable for one year, shall be of the value of £200, and shall be awarded from time to time as often as the income of the said capital sum permits. The first scholarship will be offered at the end of 1939.

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

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

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

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

7. Within such time after being awarded the scholarship as the Council shall in each case allow, the scholar shall proceed to Great Britain or Ireland and there spend the whole of the time during which the scholarship is tenable in gaining obstetrical knowledge and experience in such manner as may be approved by the Council; provided that by special permission of the Council the scholar may spend the whole or part of his time in study or practical training on the continent of Europe or in Canada or in the United States of America.

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

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

• 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 in the first class 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.

\* Allowed 22nd January, 1953.



5. No candidate shall be awarded more than one such prize in any one year.

6. A candidate who is awarded three such prizes shall receive a bronze medal and shall be styled R. W. Bennett Scholar.

Allowed 15th December, 1937.

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**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.

\* Amendment awaiting allowance at time of printing.

Allowed 15th December, 1937.

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**Chapter LXI.—Of St. Ann's College, Incorporated.**

Whereas a college for women students in the University, to be known as St. Ann's College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University of Adelaide, it is hereby provided that:

St. Ann's College Incorporated is hereby affiliated to the University of Adelaide as a College for women students who have been admitted to matriculation or *ad eundem statum* or who are engaged in any course of study at the University; provided that in special cases the College may admit for such limited period as it may deem desirable other unmatriculated students who are preparing to qualify for entry on any University course.

Allowed 16th December, 1948.

Note.—The College was first affiliated in 1939 and with the approval of the Council was officially opened for the residence of students and graduates on 4th May, 1947.

### Chapter LXII.—Of The Anna Florence Booth Prize.

Whereas Sydney Russell Booth has paid to the University the sum of five hundred pounds for the purpose of founding with the income thereof a prize in memory of his wife, to be called The Anna Florence Booth Prize, it is hereby provided as follows:

1. There shall be a prize entitled The Anna Florence Booth Prize which shall be offered annually.

2. The Council shall award the prize on the recommendation of the Hughes Professor of Philosophy.

\*3. To be eligible for the prize a candidate shall have qualified for the degree of Bachelor of Arts and shall have included Psychology III in his course for the degree. The prize will be awarded to the candidate whose work in Psychology and in Social Studies shows most promise.

4. The student who is awarded the prize shall present a satisfactory essay on a subject prescribed by the Hughes Professor of Philosophy in the field of social psychology. The essay must be handed to the Registrar before the 1st October in the year following the award of the prize or at such later date as may be approved by the Council.

5. The prize shall be of the value of £16 payable in two equal instalments. The first instalment shall be paid when the award is made, and the second when the required essay has been approved by the Hughes Professor of Philosophy.

6. If in any year the prize be not awarded, the amount of the prize for that year shall be added to the capital of the fund and invested for the purpose of the prize.

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

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

\* Allowed 11th November, 1954.

Allowed 5th December, 1940.

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### 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.

Awaiting allowance at time of printing.

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**Chapter LXIV.—Of The Shorney Medal and the Shorney Prize.**

Whereas the late Mabel Shorney has on behalf of her family bequeathed to the University the sum of £1,000 for the purpose of perpetuating within the Medical School the memory of her late brother Herbert Frank Shorney, M.D., F.R.C.S., Lecturer in Ophthalmology from 1926 to 1933, it is hereby provided as follows:

THE SHORNEY MEDAL.

1. A bronze medal, to be called The Shorney Medal, shall be awarded to the best candidate in the subject of The Diseases of the Ear, Nose and Throat at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided that the candidate attains in that subject a standard at least equivalent to that required for a pass with credit in the whole examination, and that in the opinion of the examiners he is worthy of the award.

2. Only those candidates who pass in all the subjects of the final examination at the one examination shall be eligible for the medal.

## THE SHORNEY PRIZE.

\*3. A postgraduate prize, to be called The Shorney Prize, of the value of £100, shall be awarded to the candidate who in the opinion of the examiners has made the most substantial contribution to knowledge in the subjects of Ophthalmology or of Diseases of the Ear, Nose and Throat. The prize shall be offered alternately for work in Ophthalmology and in Diseases of the Ear, Nose and Throat.

4. The recipient must be a graduate of an Australian University.

5. The material submitted for the prize may be either a thesis or published work in medical or scientific literature.

6. Each candidate must declare that the work described is his own.

7. The prize shall be offered for competition from time to time as the accumulations of the fund permit.

8. The prize shall be offered at least twelve months before the last day for the receipt of applications.

9. The prize shall not be awarded on any occasion unless in the opinion of the examiners the material submitted is of sufficient merit.

10. This statute may be altered from time to time but the title and purpose of the endowment shall not be changed.

\* Amended 14th December, 1950.

Allowed 10th December, 1942.

Note: The next prize is offered for work in Diseases of the Ear, Nose and Throat. Entries close with the Registrar on April 1, 1952.

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**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 secures first place in the examination in the History of English Law taken by candidates proceeding to the Honours Degree of Bachelor of Laws or qualifying to submit a thesis for the degree of Master of Laws.

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

\* Amendment awaiting allowance at time of printing.

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 10s. 6d. 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 16th December, 1948. Allowed 11th December, 1947.

\* Amendment awaiting allowance at time of printing.

#### 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 10s. 6d. and shall undergo such examination as the Council may direct.

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

8. If, in the opinion of the examiners, no candidate in Viola at an examination for the scholarship shows sufficient merit, the scholarship shall lapse for the period of one year, and for that year two exhibitions, each of half the value of the scholarship, may be awarded to players of the Violin, the Violoncello, or the Double Bass.

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

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

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

\* Amendment awaiting allowance at time of printing.

Allowed 16th December, 1948.



**Chapter LXXI.—Of the Anders and Reimers Scholarships.**

Whereas the late Julie Sack has bequeathed to the University the sum of £734 for the purpose of providing two scholarships in memory of her husband and parents tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be two scholarships, one to be known as The Franz and Catherine Anders Scholarship, and the other to be known as The Gustav Reimers Scholarship, each tenable at the Elder Conservatorium of Music.

2. The Franz and Catherine Anders Scholarship shall be awarded to a player of the Double Bass and the Gustav Reimers Scholarship to a player of the Violoncello.

3. The value of each scholarship shall be £10 10s. a year, payable in equal instalments at the beginning of each Conservatorium quarter.

4. Each scholarship shall normally be tenable for three years.

5. A candidate for either scholarship shall (a) be a British subject; (b) have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

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

6. Every candidate shall pay an examination fee of 10s. 6d. and shall undergo such examination as the Council may direct.

\*7. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in string playing.

8. Except by special permission of the Director of the Elder Conservatorium, the holder of either scholarship shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course, he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the 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.

\* Amendment awaiting allowance at time of printing.

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.

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**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 to be called The Sir Archibald Strong Memorial Prize for Literature shall be offered annually as follows:

- (a) In 1950 and thereafter triennially, for a poem or poems in English of at least 400 lines. No Bunday Prize Poem shall be included in any work submitted.
- (b) In 1951 and thereafter triennially, for a body of fiction in English prose of at least 30,000 words.
- (c) In 1952 and thereafter triennially, for a scholarly work having literary value in English prose of at least 50,000 words. Work which has been submitted in thesis form for any University degree shall not be eligible for the prize.

Work submitted shall be unpublished work or work which has been published for not more than five years before the date of submission.

2. The prize shall be awarded in May of each year to the person who, in the opinion of a board of at least three examiners appointed by the Faculty of Arts, which board shall include the Jury Professor of English Language and Literature, shall have submitted the best work under the conditions prescribed for that year: provided that if the examiners shall not consider any work worthy to receive the prize, it shall lapse for that year and the amount shall be added to the Capital.

3. The competition for the prize is open to all graduates of the University of Adelaide who have taken a degree that was not an *ad eundem* and to all undergraduates of the University of Adelaide, except that no Professor of the University of Adelaide shall be eligible for the prize.

4. Every work submitted shall be accompanied with the name of the author in full and be delivered to the office of the Registrar of the University not later than the thirty-first day of March. The prize shall be received by the successful candidate on the first day of July following.

5. The prize shall not be awarded twice to the same candidate for work of the same classification.

6. Copies of all work submitted shall be retained, and a copy of the successful work shall be deposited in the library.

Allowed 16th December, 1948.

#### Chapter LXXIII.—Of the J. E. Jenkins Scholarships.

Whereas the late John Evans Jenkins has bequeathed to the University a portion of his estate for the purpose of founding a scholarship or scholarships in the University of Adelaide, preferably in the agricultural, domestic and social sciences to promote the common benefit of the metropolitan and rural sections of the community, it is hereby provided that:

1. There shall be two scholarships, to be known as the J. E. Jenkins Scholarships, each of such annual value as the Council shall determine from time to time.

2. One such scholarship shall be tenable by a man and the other by a woman in accordance with the provisions of this Statute.

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

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

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

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

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

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

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

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

Allowed 16th December, 1948.

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

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

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

\*2. The annual value of the scholarship shall be £16/16/0 and shall be applied towards the payment of fees for tuition in violin playing as a principal subject and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of clause 8, the scholarship shall be tenable for three years, but the Council shall on the recommendation of the Director of the Conservatorium have power to extend the period of tenure.

4. A candidate for the scholarship shall:—

- (a) be a British subject;
- (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;
- (c) be not more than 21 years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize in violin playing tenable for three years or more at the Elder Conservatorium shall be eligible to compete, but this clause shall not render a holder ineligible for an extension of tenure.

5. Every candidate shall pay an examination fee of 10/6, 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

\* Amendment awaiting allowance at time of printing.

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.

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.

\* Subsequently increased to £500.

\* Amendment awaiting allowance at time of printing.

5. Every candidate shall pay an examination fee of 10/6, and shall undergo such examination as the Council may direct.

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

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the diploma of Associate in Music or the course for the degree of Bachelor of Music.

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

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

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

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

Allowed 8th December, 1949.

#### **Chapter LXXVI.—Of the Gavin David Young Lectures in Philosophy.**

Whereas the late Jessie Frances Raven has bequeathed to the University the sum of £2,450 for the purpose of establishing a fund in memory of her father, the late Gavin David Young, for the promotion, advancement, teaching and diffusion of the study of Philosophy, it is hereby provided as follows:

1. Series of lectures in Philosophy to be known as The Gavin David Young Lectures, shall be given from time to time in the University of Adelaide in accordance with the provisions of this Statute.

2. Normally, a series of the lectures shall be given every fourth year, but the Council may vary that interval on any occasion for a reason which it deems adequate.

3. The lecturer, who shall be appointed from time to time by the Council, may be selected from any country in the world; but the lectures shall be given, and subsequently printed, in the English language.

4. The annual income arising from the fund shall accumulate during the intervals between each series of lectures. The income thus accumulated shall be used to pay the honorarium of the lecturer, the costs of publication of the lectures and such other expenses associated with the giving of the lectures as the Council may from time to time approve. The honorarium of the lecturer shall be £200.

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 £4,250 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.

Allowed 17th January, 1952

**Chapter LXXVIII.—Of Lincoln College, Incorporated**

Whereas a residential college in connection with the Methodist Church of Australasia, South Australia Conference, for students of the University, to be known as Lincoln College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University, it is hereby provided that:

Lincoln College, Incorporated, is hereby affiliated to the University of Adelaide as a residential college for men students who have matriculated at the University, or have been admitted *ad eundem statum* therein; provided that in special cases the College may admit students engaged in full Diploma courses approved by the University, or, for a period not exceeding twelve months, other unmatriculated students; and provided further that the College shall not be open for residence of students until such time as the Council of the University shall approve.

Allowed 20th December, 1951.

**Chapter LXXIX.—Of The Frederick Bevan Scholarship for Singing.**

Whereas the sum of £600 has been paid to the University for the purpose of founding a scholarship in singing to perpetuate the name and memory of Frederick Bevan, Teacher of Singing in the Elder Conservatorium of Music from 1898 to 1935, it is hereby provided that:

1. There shall be a scholarship for singing to be called The Frederick Bevan Scholarship which shall be tenable at the Elder Conservatorium of Music.

2. The value of the scholarship shall be £21 a year.

3. The scholarship shall be awarded on the result of a competitive examination.

4. Subject to the provisions of clause 9, the scholarship shall be tenable for three years.

5. (1) Every candidate for the scholarship—

(a) shall be a British subject;

(b) shall have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;

(c) shall be not more than 24 years of age on the first day of December in the year in which the examination is held.

(2) No person who holds or has held a scholarship or prize in singing tenable for three years or more at the Elder Conservatorium shall be eligible to compete.

6. Every candidate shall pay an examination fee of 10/6.

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

8. If in the opinion of the examiners no candidate at the prescribed examination shows sufficient merit, the scholarship shall lapse for one year, after which it shall be offered again. If no award be made, the Council shall have power to award an exhibition for one year without examination, to a Singing student of the Conservatorium who shall have been recommended by the Faculty of Music.



9. Every holder of the scholarship may take the three years' course prescribed for the diploma of Associate in Music. If a scholar elect not to take the diploma course he shall be required to pass an examination at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may be determined at any time, if the holder of it is adjudged by the Council to have been guilty of misconduct.

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

11. The scholarship shall be offered for competition towards the end of the year in which its tenure expires by effluxion of time, or is determined by resignation or forfeiture, or at the beginning of the following year.

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

Allowed 22nd January, 1953.

#### CHAPTER LXXX.—Of the Barr Smith Travelling Scholarship in Agriculture.

Whereas Tom Elder Barr Smith, Esquire, has given to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith, Esquire.

Now it is hereby provided as follows:

1. The fund shall be called The Barr Smith Memorial Fund.
2. The object of the Fund shall be to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain by the maintenance of a Scholarship called the Barr Smith Travelling Scholarship in Agriculture.
3. The moneys constituting the Fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine and the income from such investments shall be used for the purposes of the Scholarship. During any vacancy in the Scholarship the income shall be accumulated and invested as aforesaid, with power to the Council to resort to such accumulations for the purpose of increasing the emoluments of the Scholarship in such manner as the Council in its discretion shall deem fit.
4. The Scholarship shall be tenable at Cambridge University and therefore the Scholar, before being confirmed in the Scholarship, must be accepted for admission by a College, and by the Board of Research Studies also if he is to be a Research Student.
5. The Scholar shall pursue either as an undergraduate or as a post-graduate student a course of study approved by the Electors in a

subject or subjects connected with theory and practice of Animal Husbandry (preferably) or Agriculture or cognate to the Wool and Pastoral Industries.

6. The Electors shall consist of the Chancellor, the Vice-Chancellor, two members appointed by the Council and two members appointed by each of the Faculties of Science and of Agricultural Science.

7. The Scholarship shall be tenable for two years in the first instance and, upon application, may be extended for a third year and a fourth year if the Scholar has worked to the satisfaction of the Electors.

8. The Scholarship may not be held with any other scholarship or studentship which in the opinion of the Electors involves obligations inconsistent with those arising under this Statute. During his tenure the Scholar shall devote himself wholly to study or research and shall not systematically follow any business or profession or engage in any educational or other work which in the opinion of the Electors is inconsistent with the purpose for which the Scholarship is awarded.

9. The Scholarship shall be open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election, provided that, if there be no suitable candidate from the University of Adelaide, the Electors may invite applications from graduates and undergraduates of other Australian Universities subject to the same age limit.

10. If at any time it appears to the Electors that, through illness or lack of diligence or for any other reason deemed adequate by the Electors, the Scholar is not fulfilling and is not likely to fulfil the objects of the Scholarship the Electors may terminate his tenure of the Scholarship.

11. The nomination and election of a Scholar shall be made so that a newly-elected Scholar may enter upon his Scholarship when the previous Scholarship terminates or as soon as practicable thereafter.

12. The emolument of the Scholar shall be £750 per annum payable in quarterly instalments in advance.

13. This statute may be varied from time to time, provided that any such variations shall not make the Scholarship tenable otherwise than at Cambridge University nor alter the general object of the Fund as set out in Clause 2 above.

Awaiting allowance at time of printing.

STANDING ORDERS OF THE SENATE OF THE UNIVERSITY  
OF ADELAIDE

## I. THE OFFICERS OF THE SENATE

1. A member of the Senate shall be elected annually as Warden.
2. The Warden shall preside at all meetings at which he is present.
3. The Warden shall take the chair as soon after the hour of meeting as twenty members are present.
4. If the office of Warden be vacant, or if the Warden shall be absent, or shall desire to take part in a debate, the Senate shall elect a Chairman, who, while in the Chair, shall have all the powers of the Warden; but if the Warden shall arrive after the Chair is taken, or shall cease to take part in a debate, the Chairman shall vacate the Chair.
5. A Clerk of the Senate shall be elected annually, and shall perform such duties as may be directed by the Warden.
6. The Clerk shall receive all notices of motion or of questions, and also all nominations of candidates for the office of Warden, Clerk, or Member of the Council.
7. The Clerk shall prepare, under the direction of the Warden, a Notice-paper of the business of every meeting, and issue it with the circular calling the meeting.
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 1955

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# THE ELDER CONSERVATORIUM OF MUSIC

## REGULATIONS

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

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

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

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

5. The academic year shall consist of four quarters, as follows:

(a) The first quarter shall begin on the seventh Monday in the year and shall continue for nine weeks.

(b) The second quarter shall begin on the sixteenth Monday in the year and shall continue for eleven weeks, including a vacation of two weeks beginning on the twenty-first Monday in the year.

(c) The third quarter shall begin on the twenty-seventh Monday in the year and shall continue for eleven weeks, including a vacation of two weeks beginning on the thirty-third Monday in the year.

(d) The fourth quarter shall begin on the thirty-eighth Monday in the year and shall continue for twelve weeks, including a vacation of three weeks beginning on the forty-third 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.

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 quarter of the Conservatorium year *or* in four quarterly instalments each at least seven clear days before the first day of the relevant quarter.

(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."

† Awaiting allowance at time of printing.

\* Allowed 22nd January, 1953.

Allowed 16th December, 1948.

**SCHEDULE OF FEES FOR SECONDARY AND OTHER SUBJECTS  
PRESCRIBED BY THE COUNCIL**

Students not studying a Principal Subject may take any of the following subjects for the fees specified *per quarter*:

Theory of Music:			
Elementary or Junior	- - - - -	£1	1 0
Senior	- - - - -	1	11 6
Advanced	- - - - -	2	2 0
History of Music	} each		1 1 0
Musical Form and Analysis			
Ear Training, Musical Perception and Appreciation			
Ensemble Playing			
Orchestration			
French			
Italian			
German			
Opera Class			
Students of the Conservatorium	- - - - -	0	10 6
Other Students	- - - - -	2	2 0
Orchestra (Junior)	- - - - -	0	10 6
Orchestral and Chamber Music Classes	- - - - -	0	10 6
Preparatory Drama Class	- - - - -	3	3 0

The fee prescribed under Regulation 9A is £1/10/- for the year 1954.

As approved by the Council.

## 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 10s. 6d. 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 30th November, 1933.

‡ Allowed 10th December, 1925.

‡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 1952—

Turner, Winifred Grace (Singing).

Awarded for 1953—

Gunning, Shelley (Violoncello).

Awarded for 1954—

Backler, Ian Harry (Violin).

Curry, Shirley Anne (Pianoforte).

Cooper, Philip Lindsay (Organ).

Awarded for 1955—

Schumacher, Colin (Singing).

## ELDER CONSERVATORIUM FREE SCHOLARSHIP

### RULES

1. There shall be an annual scholarship to be called The Elder Conservatorium Free Scholarship which shall exempt the holder from payment during the tenure thereof of any fees for tuition or examination in not more than one principal subject in the Elder Conservatorium. The tenure of the scholarship shall be for one year.

2. The scholarship shall be awarded to such one of the students of the Elder Conservatorium as the Chancellor shall select from among those who, having for at least one academical year studied music in the Conservatorium, shall within one week after the end of that year be severally recommended in writing to him by their respective teachers for exceptional merit shown during that year in their respective courses of study. The Chancellor shall satisfy himself that each student whom he selects is a person of limited means. If on the expiration of such week the office of Chancellor shall be vacant, or the Chancellor shall be absent from South Australia, the Vice-Chancellor shall act in his stead.

3. Immediately after the end of each term during the tenure of the scholarship, the teacher of each scholar shall present to the Council a report as to the scholar's progress in musical studies and diligence; and the Council, whenever dissatisfied with any report, may, after or without inquiry, suspend temporarily or take away the scholarship, or admonish the scholar. Whenever a scholarship shall during any academical year become for any cause vacant, the vacancy shall not be filled during that year.

4. The scholarship shall not be awarded oftener than once to any student.

5. The Council may rescind or vary these Rules, but no rescission or material variation shall apply to any scholar during tenure of the scholarship or (if made after the commencement of an academical year) to any student who, but for such rescission or variation, would have been entitled to compete during that year for the scholarship.

### THE ALEXANDER CLARK MEMORIAL PRIZE

This prize was founded by the Public Schools Decoration and Floral Societies in memory of Alexander Clark. It is of the annual value of £12 10s., and is tenable for three years at the Elder Conservatorium.

For conditions, see Statutes, Chapter XXXVII, page 188.

#### Awards.

For previous awards, see Calendars from 1934.

Awarded for 1948—

Leonard, Ian Ferguson (Pianoforte).

Awarded for 1949—

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

Awarded for 1951—

Partridge, Geoffrey Thomas (Pianoforte)

Awarded for 1955—

Taverner, Margaret (Pianoforte)

### THE EUGENE ALDERMAN SCHOLARSHIPS

These scholarships were founded in memory of Eugene Alderman. For conditions, see Chapter XLI of the Statutes, page 193.

#### Awards.

For previous awards, see Calendars from 1924.

Awarded for 1951—

Lander, Anne Marie (Singing)

Awarded for 1952—

Porter, Brian (Violin).

Awarded for 1954—

Leonard, Mary Jocelyn (Pianoforte).

Awarded for 1955—

Cann, Melvyn (Violin).

### THE SELBORNE MOUTRAY RUSSELL SCHOLARSHIPS

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

For conditions, see Statutes, Chapter LXIX, page 209.

#### Awards.

For previous awards, see Calendars from 1954.

Awarded for 1951—

Bollenhagen, Nellie (Violin)

Awarded for 1952—

Giles, Ian Frank (Singing).

Awarded for 1954—

Cornish, William Rodolph (Oboe).

Awarded for 1955—

Rodger, Trevor (Singing).

### THE LUCY JOSEPHINE BAGOT PRIZE

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

For conditions, see Statutes, Chapter LXVIII, page 209.

#### Awards.

For previous awards, see Calendars from 1954.

1951—Petersen, Valda

1953—Lander, Anne Marie.

1952—Fidock, Marie.

1954—Giles, Ian

### 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 210.

#### Awards.

For 1949 (Exhibitions in lieu of Scholarship)—

Kernick, Colin

Magraith, Glenford Ward

For 1950—

Ridgway, Athol John

For 1955—

Field, Christine

### THE ANDERS AND REIMERS SCHOLARSHIPS

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

For conditions, see Statutes, Chapter LXXI, page 212.

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

1953—Warnecke, Mary.

1955—McDonald, Roy.

## THE ROBERT WHINHAM PRIZE FOR ELOCUTION

Whereas the Trustees of the late Robert Whinham have given the sum of £84 9s. 6d. for the purpose of providing a yearly Prize in Elocution, to be called after the late Robert Whinham, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these rules: It is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

1. The prize shall be called The Robert Whinham Prize.
2. The prize shall be of the annual value of £5, and shall be offered at a special examination in the third term of each year.
3. Only students who shall have attended the Elocution Class for at least three terms (not necessarily consecutive, but including the term in which the examination is held) shall be eligible to compete.
4. The prize shall be awarded to the student who obtains the highest marks, provided the Council are satisfied that such student is worthy to receive it, or, at the option of the examiner, it may be divided equally between the best man and the best woman student, provided the Council are satisfied that each such student is worthy to receive it.
5. Candidates shall be examined in the following subjects:—(a) Reciting; (b) Reading at sight; (c) Prepared reading or Prepared speaking (at the option of the candidate).
6. These rules may be varied from time to time by the Council.

Made by Council, 30th October, 1914.

## Awards.

For previous awards, see Calendars from 1911.

1939—Bouquey, Iris Roma

1952—Bice, Brenda.

1940—Hocking, Jack.

1953—Bice, Brenda M.

1941—Stacy, Edith.

1954—Liston, Janet Elaine

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 215.

## Awards.

For 1945—

Sawtell, Dorothy Helen.

For 1948—

Whitford, Pauline Marie Cecilia.

For 1951—

Perry, John William Joseph

For 1954—

Lawton, John William Magarey.

## 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 216.

## Awards

For 1951—

Thiele, James

For 1955—

Von Einem, Lyall

For 1954—

No award.

THE ELDER CONSERVATORIUM OLD SCHOLARS  
ASSOCIATION SCHOLARSHIP

## RULES

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

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

2. The value of the scholarship shall be such as to provide 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 Elder Conservatorium.

3. The scholarship 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 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.

4. The scholarship shall be awarded for one year. The holder will be eligible to compete again for the scholarship, 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 scholarship 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 scholarship. 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 Scholarship in the same subject.

6. Every candidate shall pay an examination fee of 10s. 6d. and shall undergo such examination as the Council may direct.

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

8. The scholarship may 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. The scholarship 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 1953—

Tobin, Ashleigh.

For 1954—

Peters, Margaret Noel (Pianoforte).

For 1955—

Smith, David

### 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 10/6 and shall undergo such examination as the Council may direct.

7. The Scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination.

8. If in the opinion of the examiners in any year there is no candidate of sufficient merit, no award shall be made and the moneys which would have been paid had the Scholarship been awarded shall be added to the value of the Scholarship on the next occasion on which an award is made.

9. These Rules may be varied from time to time but the title and general purposes of the endowment shall not be changed.

#### Scholarship Awards.

For 1953—

Paech, Marie.

For 1954—

Bice, Brenda Mae.

For 1955—

Hearne, Janice

#### THE FREDERICK BEVAN SCHOLARSHIP FOR SINGING

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

For conditions, see Chapter LXXIX of the Statutes, page 219.

#### Award.

For 1953—

Thompson, Dorothy.

#### 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. No age limit for candidates is prescribed.
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 10/6 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 1954—

Schramm, Kathryn (Oboe).  
 Knox, Judith (Flute).  
 Hall, Andrew C. (Bassoon).

For 1955—

Best, Michael (Oboe).  
 Howard, Virginia (Clarinet).  
 Adams, Anthony (Bassoon).  
 Buddle, Anthony (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. 231) is used to supplement the living allowance of the scholar.

The scholarship is offered for competition every three or four years, the scholar being chosen on the results of a special examination.

## Awards.

Fischer, Otto; Magarey (nee Hack), Guli; Kennedy, H. W. M.; Corvan, Mary T.; Porter, Adelaide; Jones, H. Brewster; Pelly, Gwendoline; Kleinschmidt, Clara (Clara Serena); O'Dea, Kathleen; Robertson, Merle; Chaplin, Erica (1920); Bishop, Lionel Albert John (1922); Grivell, Charlotte (1923); Watson, Richard (1925); Naylor, Ruth (1928); Hyde, Miriam Beatrice (1931); Sumner, Thelma Joyce (1935); Govenlock, James (1946); Fearn, Peggy (1951); Schramm, Kathryn (1954).

## THE MAUDE PUDDY SCHOLARSHIP

## RULES

Whereas the sum of £500 has been raised by a Committee of her former students and has been paid to the University for the purpose of founding a Scholarship in pianoforte in honour of Maude Puddy, Teacher of Pianoforte at the Elder Conservatorium of Music, the following rules are hereby made:

1. The Scholarship shall be called "The Maude Puddy Scholarship for Pianoforte," and shall be tenable at the Elder Conservatorium of Music.

2. The annual value of the Scholarship shall be £15/15/-, or such other sum as the Council may from time to time determine, and shall be applied towards tuition in pianoforte playing and in such secondary subjects as may be approved by the Director of the Elder

Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of Clause 8, the Scholarship shall be tenable for three years, but the Council, on the recommendation of the Director of the Elder Conservatorium, may extend the period of tenure.

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

5. Every candidate for the Scholarship shall pay an examination fee of 10/6, 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.

#### Award

For 1955—Lindh, Carlene

## 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 Ransom 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, 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 Oenological Research Committee. A grant is received from the Wool Industry Fund.

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

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

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



Animal husbandry is not a feature of the research work of the Institute except in so far as it is necessary for the study of pastures. The main subjects of investigation are included in the following groups:

AGRONOMY AND GRASSLAND ECOLOGY.  
 CROP GENETICS AND PLANT BREEDING.  
 PLANT PATHOLOGY AND MYCOLOGY.  
 PLANT PHYSIOLOGY.  
 ECONOMIC ENTOMOLOGY.  
 AGRICULTURAL CHEMISTRY AND SOIL SCIENCE.

The permanent staff of the Institute is as follows:—

DIRECTOR: J. A. Prescott, C.B.E., D.Sc., F.R.S. (Waite Professor of Agricultural Chemistry).

AGRICULTURAL CHEMISTRY:

C. S. Piper, D.Sc. (Reader in Soil Chemistry).  
 R. J. Best, D.Sc. (Senior Agricultural Chemist).  
 H. P. C. Gallus, M.Sc.  
 A. G. Tyson, M.Sc.  
 D. G. Lewis, B.Sc.

AGRONOMY AND GRASSLAND ECOLOGY:

C. M. Donald, M.Ag.Sc. (Waite Professor of Agriculture).  
 J. N. Black, M.A., D.Phil. (Senior Agronomist).  
 K. W. Finlay, Ph.D. (Senior Plant Breeder and Crop Geneticist).  
 K. P. J. Barley, M.Ag.Sc.  
 D. E. Symon, B.Ag.Sc.  
 R. J. Millington, M.Sc.  
 F. M. Hilton, B.Ag.Sc.  
 R. Knight, B.Sc.  
 K. Abele, Ph.D.

ENTOMOLOGY:

D. C. Swan, M.Sc. (Reader in Entomology).  
 H. F. Lower, M.Sc.  
 P. E. Madge, B.Sc.Ag.

PLANT PATHOLOGY:

C. G. Hansford, M.A., Sc.D. (Reader in Plant Pathology).  
 N. T. Flentje, Ph.D., M.Sc. (Senior Plant Pathologist).  
 J. H. Warcup, Ph.D. (Senior Microbiologist).  
 A. Kerr, B.Sc.  
 N. C. Crowley, B.Ag.Sc.

PLANT PHYSIOLOGY:

L. H. May, B.Sc., Ph.D.

STATISTICIAN:

Irena Mathison, M.Phil. (Cracow).

SECRETARY:

G. L. Gooden, A.A.S.A.

## FARM MANAGER:

K. A. Pike, R.D.A.

## PHOTOGRAPHER:

K. P. Phillips, A.R.P.S.

## LIBRARIAN:

S. Jean Susman, B.Sc.

## THE INSTITUTE OF MEDICAL AND VETERINARY SCIENCE

The Institute was developed from the former Government Laboratory of Bacteriology and Pathology. By virtue of the Institute of Medical and Veterinary Science Act, 1937-1949, its administration is under a Council representing the Board of the Royal Adelaide Hospital, the University of Adelaide and the veterinary interests of the State. The purposes of the Institute are:

(a) Research into the diseases of human beings and animals and into problems connected with such diseases.

(b) Furnishing the Royal Adelaide Hospital and any Minister of the Crown with such services as the Board of Management of the Royal Adelaide Hospital or the Minister may require.

(c) Performing such work for public authorities, medical practitioners, and the public as the Council thinks proper.

(d) Providing such facilities as the Council thinks proper for any person to conduct research at the Institute.

(e) Providing the University of Adelaide, in accordance with any agreement or arrangement made under the Act, with the use of any premises, plant or equipment of the Institute.

Part of the upper floor of the Institute is at present placed at a nominal rent at the disposal of the University, and here are situated the Sir Joseph Verco Lecture Theatre and the Department of Bacteriology. The ground floor of the Institute and the old laboratory building contain the Divisions of Bacteriology, Biochemistry, Clinical Pathology, Histopathology, Medical Research and Veterinary Pathology. These Divisions are under the general control of the Director, who is the executive officer of the Council.

The Institute receives a substantial annual grant from the Government (£100,000 for 1954-55). It also has an income of about £30,000 from fees for private examinations, and receives grants from the National Health and Medical Research Council for research projects.

The main laboratory building cost approximately £42,000, the two animal houses £9,000, and alterations to pre-existing buildings about £2,000. From the monies available in 1938 about £7,000 was spent on scientific equipment. Of these sums, Miss Edith Bonython, Mr. T. E. Barr Smith, and Mr. Norman Darling each gave £5,000, the Commissioners of Charitable Funds £10,000, and the South Australian

Government £28,000, while £2,000 was expended from revenue. Part of the cost of the old animal house was defrayed by Lady Parsons and part by the Government of South Australia.

Branch laboratories have been opened at Northfield, the Queen Victoria Maternity Hospital, and the Queen Elizabeth Hospital.

#### COUNCIL

Sir J. Keith Angas, Chairman.  
 J. W. Rollison, M.B., B.S., Deputy Chairman.  
 E. R. Dawes, Esq.  
 Roland E. Jacobs, Esq.  
 F. R. Hone, B.Sc., M.D., F.R.A.C.P.  
 I. B. Jose, M.B., M.S., F.R.C.S.  
 M. R. Irving, B.V.Sc., H.D.A.

#### STAFF

Director—

J. Orde Poynton, M.A., M.D.

Deputy Director—

James A. Bonnin, M.B., B.S.

Medical Research—

Medical Research Fellow: J. A. R. Miles, M.A., M.D.

Clinical Research Officer: D. M. S. Dane, B.A., M.B., B.Ch.

Research Assistant: L. Joan Stokes, B.Sc.

Research Assistant: D. W. Howes, B.Sc. (National Health and Medical Research Council).

Graduate Assistant: Margaret D. Beech, B.Sc. (National Health and Medical Research Council).

Research Assistant: P. G. Ames, B.Sc. (S.A. Department of Public Health).

Bacteriology—

Medical Bacteriologist: J. E. McCartney, M.D., D.Sc.

Assistant Bacteriologist: R. A. W. Sheppard, B.Sc.

Biochemistry—

Biochemist: W. Roman, Ph.D., M.I.Biol.

Assistant Biochemist: G. B. Storer, B.Sc.

Assistant Biochemist: Helen E. Brice, B.Sc.

Assistant Biochemist: Margaret E. Coles, B.Sc.

Clinical Pathology—

Clinical Pathologist: James A. Bonnin, M.B., B.S.

Assistant Clinical Pathologist: N. D. Hicks, M.B., B.S.

Assistant Pathologist: Dr. Silvia Klaar.

Registrar (Clinical Pathology): J. B. Hawke, M.B., B.S. (Royal Adelaide Hospital).

Histopathology—

Histopathologists: J. Orde Poynton, M.A., M.D.; Ruth Osmond, M.B., B.S.; M. C. Fowler, M.D. (Anti-Cancer Committee, University of Adelaide).

## Veterinary Pathology—

Senior Veterinary Pathologist: P. S. Watts, Ph.D., B.Sc., Dip. Bact.,  
F.R.C.V.S.

Veterinary Pathologists: M. F. Pulsford, B.V.Sc., H.D.A.

J. A. W. Banks, B.V.Sc.

R. Rac, D.V.M. (Zagreb).

Research Assistant: K. H. Clapp, B.Sc.

Assistant Biochemist: Judith A. Mullner, B.Sc.

## Northfield Laboratory—

Graduate Assistant: Jocelyn M. Wollaston, B.Sc.

## Honorary Consultants—

E. McLaughlin, M.B., B.S., M.R.C.P.

Charles S. Swan, M.D., D.Sc., D.O.M.S.

K. V. Sanderson, M.B., B.S., M.R.A.C.P.

## Honorary Research Assistant—

J. M. Dwyer, M.B., B.S.

## SECRETARY:

D. G. Davies, A.A.S.A., A.C.I.S.

## THE ANTI-CANCER COMMITTEE

The Anti-Cancer Committee of the University of Adelaide was formed in 1928 to assist, amongst other things, in the co-ordination and extension of modern methods of treatment of cancer in South Australia. The Commonwealth Government had in that year lent 550 mgm. of radium to the Royal Adelaide Hospital (which already had about 70 mgm.) for the treatment of cancer. In 1930 the Committee installed a modern valve-rectified deep therapy plant at the Hospital, and gradually established an up-to-date radiotherapy clinic, with a full-time medical officer and the necessary technical and clerical assistants. Attendances for treatment at the Clinic increased eight-fold between 1928 and 1952.

A Clinical Committee, consisting of members of the Honorary Staff of the Hospital under the chairmanship of the Honorary Radiotherapist, supervises the treatment of patients referred to it by members of the Honorary Staff and meets weekly for consultation.

In 1931 the Commonwealth Government lent to the University 300 mgm. of radium (subsequently increased to 450 mgm.) for the production of radon, to be used for the treatment of cancer patients and for research. The costs of provision, maintenance, housing, and operation of the plant necessary for the production of radon have been borne by the Committee.

A public appeal in 1928-9 realised about £6,000 (of which £4,000 was raised by the late Mr. R. T. Melrose), and the Commonwealth and State Governments contributed £5,000 each. A further public appeal in 1939 realised over £3,000, which the State Government subsidised up to £2,500. In 1950 a public appeal conducted by the Lord Mayor of Adelaide throughout the State raised more than £100,000. Between 1938 and 1952 the State Government contributed £3,000 a year to maintain the routine work of diagnosis and treat-

ment at the Hospital Clinic, and in 1953 it increased the annual grant to £5,000.

In 1954 the Committee concluded negotiations for the purchase of a 4 MeV Orthotron to be used in the Radiotherapy Department for the purpose of treatment of cancer and research. The machine, which will cost over £60,000, will be paid for partly from the Lord Mayor's Appeal Fund and partly by a generous contribution of £16,000 promised by the South Australian Government.

During 1954 the State Government agreed to be responsible for the salaries of the Committee's Medical Officer, two of the Assistant Registrars and the Almoner of the Radiotherapy Department at the Royal Adelaide Hospital. Members of the staff of the clinic now maintained by the Committee include a full-time physicist for hospital services (who also maintains and operates the radon plant), three full-time assistants to the physicist, one full-time medical officer, and a clerical assistant for research purposes.

Since the first payment from the Edward Neale Bequest for medical research (preferably into cancer) became available, the University Council has allocated the income to the Committee for research into pathological problems related to cancer; for ten years the Committee paid half the salary of the Neale Research Pathologist at the Institute of Medical and Veterinary Science, and half the pathologist's time was given to research. The Committee also made a grant of £250 a year to the Institute of Medical and Veterinary Science towards the cost of technical assistance for the Neale Research Pathologist.

In 1951 the Committee undertook to make an annual grant of £1,500 a year for three years to enable the Institute to appoint a pathologist to pursue full-time investigations into the value of various methods and techniques for the early diagnosis of cancer.

In 1954 the Committee approved a grant of £400 a year for three years for the salary of a research student, to conduct research under the direction of Professor Badger, in the field of chemical and biological properties of carcinogenic agents. A similar grant was made to Professor Jordan to begin in 1955 for research into nucleoproteins of various tissues, particularly the differences between nucleic acids of normal and malignant tissue.

The Committee also conducts a two-fold educational campaign—to keep the medical profession in South Australia informed of the latest methods and facilities for diagnosis and treatment, and to inculcate into members of the general public the danger signs and the need for immediate consultation of the family physician when the first symptoms and signs appear.

#### 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 concur-

rence of the Senate, to commemorate after death any alumnus of this University who shall have been a great benefactor thereof, or shall have achieved distinction in any career or subject, and in particular:—

By signal acts of courage in the performance of duty or in the cause of humanity.

By eminent services to South Australia or the Empire.

By signal acts of Philanthropy.

By attaining eminence in Science, Literature, Art, or any Profession.

2. The Council shall transmit to the Senate for its concurrence a copy of each determination, together with a statement of the evidence and reasons in its favour, and the nature and situation of the intended memorial.

3. The modes of commemoration shall be inexpensive, and may be by mural tablets or other memorials erected within the precincts of the University, and bearing commemorative inscriptions. Each inscription shall contain a brief statement of the grounds upon which the commemoration has been awarded, and the statement shall be recorded also in the minutes of the Council.

4. The Council shall compile and keep a record of the Academic and extra-University career of each alumnus.

5. Private persons also may, in modes and upon grounds approved by the Council (by an absolute majority) and by the Senate, commemorate deceased alumni by memorials erected within the precincts of the University. The design of each memorial, the inscription to be placed upon it, and its situation, must be approved by the Council.

Persons desirous of approval shall supply such evidence and information as the Council shall require, and comply with such terms and conditions as the Council shall impose.

6. The foregoing and any future resolutions may be altered or added to by an absolute majority of the Council, with the concurrence of the Senate.

Concurred in by Senate, 22nd August, 1900.

#### Alumni Commemorated:

Hopkins, William Fleming, B.A. (Ad.), M.B. (Melb.), Surgeon-Captain in the Australian Regiment, 1901.

Campbell, Allan James, M.B., B.S. (Ad.), Surgeon-Captain in Steiniker's Horse, 1903.

### RESIDENTIAL COLLEGES

By the Acts of Parliament under which the Adelaide University was founded provision was made for affiliation to the University of residential colleges in which students could enjoy the advantages of residence, discipline, and tuition supplementary to that given by the staff of the University.

#### ST. MARK'S COLLEGE

St. Mark's College, the first residential college in the University of Adelaide, was founded by a committee formed at a public meeting held under the chairmanship of the Bishop of Adelaide on 29th May,

1922. The Committee obtained some £12,000 by public subscription, bought the residence of the late Sir John Downer on Pennington Terrace, North Adelaide, and secured two acres of land adjoining, thus providing room for the foundation of a College of 150 men. The College was affiliated in 1924, and opened for students in March, 1925. It was immediately found necessary to provide additional accommodation, and in 1925-6 and in 1926-7 a three-storey building of thirty rooms was erected as the first portion of a main quadrangle on the vacant land. Since then the College has acquired additional properties and buildings and now provides residence for over 100 tutors and undergraduates.

The College is governed by a Council of twenty-four members representing the Church of England, the Council of the University, the Governors of St. Peter's College, the College Council, and the Old Collegians. The Chairman is Sir Henry Simpson Newland, C.B.E., D.S.O., M.B., M.S. 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—A. Grenfell Price, C.M.G., D.Litt., Dip. in Educ., 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 buildings comprise the late Mr. Wilcox's residence and two adjoining buildings since purchased by the College Council. Situated within ten minutes walk of the University, they provide a comfortable home in pleasant grounds for the students, who are afforded tutorial help in their studies and trained supervision.

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

Further details can be supplied by Miss L. Bush, M.A., Principal, St. Ann's College, Brougham Place, North Adelaide, or by L. T. Ewens, Chartered Accountant (Aust.), Secretary and Bursar, Cavenish Chambers, 31 Grenfell Street, Adelaide.

## AQUINAS COLLEGE

Aquinas College was incorporated in 1946 and by a statute of the University in 1947 was affiliated to the University as a Residential College under the auspices of the Roman Catholic Church for students of the University. In 1947, as a result of a public appeal, a substantial sum of money was collected, and in 1948 "Montefiore," just behind Colonel Light's Statue in North Adelaide, was purchased as a site for the College. This house was, for many years, the residence of the late Sir Samuel James Way, Chief Justice of South Australia for 40 years, and for 33 years Chancellor of the University. An additional two-storey building containing 26 bed-study rooms and the Junior Common Room was erected in the grounds in 1950. In 1951, the property, 21 Strangways Terrace, was purchased as a further addition to the College buildings. In 1953, Mr. Collier Cudmore's home, 24 Palmer Place, was purchased and altered to provide a new kitchen, scullery, dining hall, chapel, common room and maids' quarters. There is now accommodation for about 70 resident students.

With the approval of the University Council, the College was opened in 1950, 20 students being accepted in that year. On Sunday, September 30, 1951, the Formal Opening was performed by the Chancellor of the University, the Hon. Sir John Mellis Napier, K.C.M.G., LL.B. There were 40 resident students in 1951 and 50 in 1952.

The College is governed by a Council nominated by the Archbishop of Adelaide. The Most Rev. M. Beovich, D.D., Ph.D., is President of the Council, and the Most Rev. B. Gallagher, Ph.D., Bishop of Port Pirie, is Vice-President.

Applications for admission are made to the Rector and must be accompanied by satisfactory evidence of good character. Every student of the College signs the following declaration:

"I hereby promise to obey honourably the regulations of the College, to submit to its discipline, and to do all I can to uphold the honour of the College."

Tutorial classes and individual tuition are given in the College with the special object of assisting students in their University work. Non-resident students, men and women, are admitted to all College classes.

Students of the College enjoy the advantage of residence close to the University, corporate life, instruction in the doctrine and discipline of the Church, and tuition supplementary to University lectures. No student can be admitted to the College unless he has matriculated in the University, or proposes to matriculate within six months of his entry; and no student can remain a member of the College unless the College authorities are satisfied with his conduct and diligence.

The Rector is the Very Rev. Father Michael Scott, S.J., M.Sc., and the Dean is the Rev. Peter Green, S.J., B.Sc., B.E.



## LINCOLN COLLEGE

Lincoln College was established by the South Australian Conference of the Methodist Church of Australasia for students attending the University of Adelaide. For this purpose the residence of the late George Milne, Esq., in Brougham Place, North Adelaide, was purchased in 1951.

The College was incorporated in November, 1951, and the University granted affiliation in the following month. With the permission of the University Council, the College opened in March, 1952, with an enrolment of twenty-two students.

The purchase of a second property on Brougham Place allowed for a College of sixty-five students, and fifty-six were in residence in 1953.

In addition to an initial gift of £10,000 by the Methodist Church, a further £25,000 has been raised by public subscription.

The College is governed by a Council appointed by the Methodist Conference, to which the University Council appoints two representatives. The Chairman of the Council is the Rev. E. T. Pryor.

There is no credal condition for membership of the College. Applications for admission are made to the Master, and must be accompanied by satisfactory evidence of good character. College tutorial classes are arranged, and students are assisted in their University work. College classes are also open to non-resident students.

The College is situated within easy walking distance of the University, and the Students' Club organises the activities of the Junior Common Room.

The Master is the Rev. Frank Hambly, M.A., B.D., and the Secretary is Mr. S. B. Denton, Chartered Accountant, Waymouth Street, Adelaide.

## AFFILIATION TO THE UNIVERSITIES OF CAMBRIDGE AND OXFORD

### UNIVERSITY OF CAMBRIDGE

#### Previous Examination.

The Previous examination of the University of Cambridge consists of three parts: Part I—Languages other than English (of which either Latin or Greek is compulsory); Part II—Mathematics and Science; Part III—English subjects.

A student who has passed the Matriculation Examination of the University of Adelaide may be exempted from the whole or part of the Previous Examination, according to the subjects in which he has passed at Leaving standard.

#### Degree Status.

The University of Adelaide is an Associated Institution in relation to the University of Cambridge, and graduates of Adelaide, who have been members of the University for three years at least, are entitled

to the privileges of affiliation, including exemption from the Previous Examination, the right to reckon the first term of residence at Cambridge as the second, third, or fourth and other privileges depending upon the particular course of study which it is proposed to pursue at Cambridge.

Further particulars regarding these privileges may be obtained from the Registrar, University of Adelaide. D.55/33.

#### UNIVERSITY OF OXFORD.

##### Responsions.

A person who has passed the Leaving Examination conducted by the University of Adelaide may be exempted from Responsions (Matriculation Examination) in the University of Oxford, provided that he has passed in two of the following languages, of which Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

##### Junior and Senior Status.

1. Any student of the University of Adelaide who has pursued at the University a course of study prescribed by it and extending over at least two years may be admitted to the status and privileges of a Junior Student in the University of Oxford; provided that his course of study and the standard attained by him in any examinations proper to such a course are approved by the Hebdomadal Council. No course will be approved for this purpose which does not include the study of two of the following languages, of which either Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

2. Any person who has obtained at the University of Adelaide a degree approved by the Hebdomadal Council may be admitted to the status and privileges of a Senior Student; provided that he has pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and other approved University or Universities, a course of study extending over at least three years.

(Note.—The Adelaide degrees, which have been approved by the Hebdomadal Council in this connexion are those of B.A., M.A., B.Ec., B.Sc., B.Ag.Sc., B.E., M.B., and LL.B.).

3. A medical student of the University of Adelaide may be admitted to the status and privileges of a Senior Student; provided that he has pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and other approved University or Universities, for at least three years a course of study leading to a degree in Medicine and has passed all examinations incidental to that portion of the course.

Particulars of the privileges of Junior and Senior Students may be obtained from the Registrar, University of Adelaide. D.55/33.

## RECOGNITION OF THE UNIVERSITY BY TRINITY COLLEGE, DUBLIN

### ARTS

Any student of this University producing the proper certificates that he has passed two years in Arts studies or has passed the examinations belonging to that period, will be entitled to put his name on the books of Trinity College, Dublin, as a Senior Freshman—a student with one year's credit; with this reservation, that if the Course of Arts which he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by examination in the omitted subject, or subjects, within one month after his name has been entered on the books.

### MEDICINE

The Board of Trinity College, Dublin, has also passed the following resolution concerning medical studies:—

“That in Medical Schools recognized by the University of Dublin, two consecutive *anni medici*, taken at any period during the four years of the medical curriculum, be recognized as qualifying for admission to the examinations of the School of Physic.”

## RECOGNITION BY THE INSTITUTION OF CIVIL ENGINEERS, LONDON

The Institution of Civil Engineers has decided to exempt candidates for a studentship of that institution from the Preliminary examination otherwise required, provided that the following examination is passed at the Adelaide University:—English Literature, Mathematics I, Mathematics II (all at the Leaving Examination); Geography (at the Intermediate or Leaving Examination); and two of the following including not more than one language:—Physics, Chemistry, Latin, Greek, French, German (all at the Leaving Examination).

To obtain this exemption all these subjects must be passed at the one examination.

The Institution has also decided to exempt holders of the B.E. Degree of the University of Adelaide in Civil, Mechanical, or Electrical Engineering from parts A and B of the examination for associate membership of that Institution, provided that the above examination is passed on entrance to the University, and that a regular course of study occupying not less than three academical years has been pursued in the University between the passing of the above examination and the passing of the Final Examination for the Degree. For this purpose it will be sufficient if the entrance examination is passed at not more than two sittings.

## RECOGNITION BY THE INSTITUTE OF CHEMISTRY OF GREAT BRITAIN AND IRELAND

The Institute of Chemistry of Great Britain and Ireland has placed the University on the list of Institutions recognized for the training of candidates for the examinations of the Institute. The University is

recognized under Section 4, Clause 2, and Section 5, Clause 2, of the Regulations of the Institute, which are as follows:—

Section 4, Clause 2:—"Candidates who have obtained the Pass Degree of Bachelor of Science in a recognized University, and have complied with Clauses 1 and 2 of Section 3, are also eligible for admission to the Intermediate Examination, provided they produce evidence satisfactory to the Council that they have passed the Final or Degree Examination in Theoretical and Practical Inorganic Chemistry, and Theoretical and Practical Physics, and that they have passed an Intermediate or Final University Examination in Mathematics covering the work set forth in paragraph (c) on page 15."

Section 5, Clause 2:—"Candidates who have passed any of the following examinations are exempted from the Intermediate Examination provided they produce evidence, satisfactory to the Council, of having been trained in Theoretical and Practical Chemistry, in Theoretical and Practical Physics, and in one optional scientific subject, in one or more of the Institutions recognized by the Council, in accordance with the Regulations of the Institute (pp. 14-17)."

Note.—The Regulations of the Institute may be consulted on application to the Registrar.

#### 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 5 Gordon Square, London, W.C.1, the 1953 edition being on sale at 37s. 6d. to the ordinary public or 25s. to members of the staff of the University, as well as institutions connected therewith, including Halls of Residence and Students Unions (postage and packing 1s. extra).

#### 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 181):—

- 1904—"Commercial Education," by Henry Gyles Turner, Esq.
- 1906—"Commercial Character," by L. A. Jessop, Esq.
- 1908—"The Influence of Commerce on Civilization," by J. Currie Elles, Esq.
- 1910—"Banking as a Factor in the Development of Trade and Commerce," by J. Russell French, Esq.
- 1912—"Australian Company Law; and some sidelights on Modern Commerce," by H. Y. Braddon, Esq.
- 1914—"Problems of Transportation, and their relation to Australian Trade and Commerce," by the Hon. D. J. Gordon, M.L.C.

- 1917—"War Finance: Loans, Paper Money, and Taxation," by Professor R. F. Irvine, M.A.
- 1919—"The Humanizing of Commerce and Industry," by Gerald Mussen, Esq.
- 1921—"Currency and Prices in Australia," by Professor D. B. Copland, M.A.
- 1923—"Money, Credit, and Exchange," by J. Russell Butchart, Esq.
- 1925—"The Guilds," by Sir Henry Braddon, K.B.E., M.L.C.
- \*1927—"The Financial and Economic Position of Australia," by the Right Hon. S. M. Bruce, P.C., C.H., M.C.
- 1929—"Public Finance in Relation to Commerce," by Professor R. C. Mills, LL.M., D.Sc. (Econ.).
- \*1930—"Current Problems in International Finance," by Professor T. E. G. Gregory, D.Sc. (Econ.).
- \*1932—"Australia's Share in International Recovery," by A. C. Davidson, Esq.
- \*1934—"Gold Standard or Goods Standards," by L. G. Melville, Esq., B.Ec., F.I.A.
- 1936—"Some Economic Effects of the Australian Tariff," by Professor L. F. Giblin, D.S.O., M.C., M.A.
- \*1938—"Australian Economic Progress against a World Background," by Colin Clark, Esq., M.A.
- \*1940—"Economic Co-ordination," by Roland Wilson, Esq., B.Com., D.Phil., Ph.D.
- \*1942—"The Australian Economy during War," by the Right Hon. R. G. Menzies, K.C., LL.M., M.P.
- \*1944—"Problems of a High Employment Economy," by H. C. Coombs, Esq., Ph.D.
- \*1946—"Necessary Principles for Satisfactory Agricultural Development in Australia," by Professor S. M. Wadham, M.A.
- \*1948—"The Importance of the Iron and Steel Industry to Australia," by Essington Lewis, Esq., C.H.
- \*1950—"The Economic Consequences of Scientific Research," by Professor J. B. Condliffe, M.A., D.Sc.
- \*1952—"Australian Agricultural Policy," by J. G. Crawford, Esq., M.Ec.
- \*1954—"Economics of Federal-State Finance," by Professor W. Prest, M.A., M.Com.

\* 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

In 1945 the Council accepted the offer of the Commonwealth Institute of Accountants to provide the sum of £30 a year for the purpose of promoting an annual public lecture on some aspect of

Accountancy. In 1952 it was agreed that the lecture be held biennially. Arrangements for the lectures are made by the Council on the advice of a committee consisting of representatives of the University and of the Institute. The lectures are subsequently published in the Institute's Journal, *The Australian Accountant*, and reprints are distributed free of charge by the University.

The following lectures have been given:

- 1945—"Theory and Practice in Accounting for Commodity Stocks," by Mr. A. A. Fitzgerald, B.Com., F.I.C.A.
- 1946—"Differential Costs as an Aid to Management," by Mr. W. D. Scott, F.I.C.A., A.C.A. (Aust.).
- 1947—"Basic Concepts of Cost," by Mr. H. F. Downes, Dip.Com. (Melb.), A.C.I.A.
- 1948—"Modern Developments in Corporate Accounting," by Mr. R. A. Irish, F.I.C.A., F.C.A. (Aust.).
- 1949—"The Formal Structure of Accounts," by Mr. F. Sewell Bray, F.C.A., F.S.A.A., Senior Nuffield Research Scholar in Applied Economics, Cambridge.
- 1950—"Accounting and Financial Policy," by Mr. R. J. Chambers, B.Ec., A.I.C.A.
- 1951—"Integration of Taxation and Accountancy Principles in Commonwealth Income Tax," by Mr. J. M. Greenwood, LL.B., F.I.C.A.
- 1953—"Dilemmas and Challenges in Modern Accounting," by Professor Mary E. Murphy, Ph.D. (London), C.P.A.
- 1954—"The Capital Structure of Australian Companies," by Mr. K. C. Keown.

#### 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.

### UNIVERSITY EXTRA-MURAL CLASSES

These classes—consisting of Tutorial Classes, Lecture Classes, and Study Circles—were established by the University in 1917 to provide facilities in further education for people who have no intention of proceeding to a degree, and are unable to attend the ordinary University courses. A tutorial class covers a three years' period of study, with 24 meetings in each year, each meeting consisting of an hour's lecture followed by questions and discussion. Students are expected to do written work prescribed by the tutor and to give an assurance of regular attendance.

Lecture classes and study circles also meet 24 times a year, but students are not obliged to do written work.

The University provides a library for students of these classes. Students pay a fee of £1 1s. for one class, and 10s. 6d. for each additional class in which they enrol.

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

Syllabuses and further information about University extra-mural work may be obtained on application to the Tutor-in-Charge of Tutorial Classes, The University, Adelaide, or to the General Secretary of the Workers' Education Association, The University, Adelaide.

### 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 1955, provided that sufficient students enrol for each class: Accountancy I, II and IIIB, Biology, Chemistry I, Comparative Philology, Economic Geography, Economic Statistics I, Economics II, Education, English IA, I and II, French I, German I and II, History IA, IIA and III, Latin I, Law I, II and III, Philosophy I, Physics I, Politics II and IIIB, Psychology I, Pure Mathematics I, and Social Economics.

2. The Education Department has established studentships for the encouragement of such students (for details, see Evening Studentships, page 302).

## 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 student who is placed first in the annual examination in Greek I in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

#### Awards.

For previous awards, see Calendars from 1913.

1938	Osman, Neile	1946	Hubbard, Margaret Eileen,
1939	Howard, Leo, B.A.		B.A.
1940	Adams, Philip Paul	1947-1954	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 student who is placed first in the annual examination in Latin 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.

1951	Waterhouse, George S.	1953	Hambly, Peter S.
1952	Bradley, Michael Charles	1954	Priebbenow, Clarence R.

#### 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 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.

1951	Taylor, Jennifer Ann	1953	Brice, Annette
1952	Galvin, Selma Ruth	1954	Holmes, Angus S.

#### 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 168.

#### Awards.

For previous awards, see Calendars from 1904.



## Prizemen:

1951	Whyte, Jean Primrose	1953	No award
1952	Tregenza, John Miller	1954	Dodwell, David

## Scholars:

1937	Kerr, Colin Gregory	1949	Wall, Barbara Deane
1945	Smith, Cecil Teesdale		

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

Made by Council 25th November, 1921.

## Awards.

For previous awards, see Calendars from 1927.

1951	Gosse, Fayette Constance	1953	Walton, Shirley-Anne C.
1952	Hummel, Valerie Dawn	1954	Wilson, Phillipa M.

**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.

1951	Marks, Monica Mary	1954	Robertson, Margaret J.
1952	Dodwell, David		
1953	Clayton, Sally J. }		
	Gosse, Fayette C. }		

} equal

**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 187.

For 1955 the subject prescribed is a poem of not fewer than 100 nor more than 200 lines dealing with an Australian topic.

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.

1939	Renfrey, Lionel W., B.A.	1941	Harris, Maxwell Henley
1940	Pfeiffer, Paul Gotthelf, B.A.	1947	Taylor, Michael Gleeson

**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 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.

1951	Gregory, Janet Phillis	1953	Goldsworthy, Janice Julia
1952	Mitchell, Zonne Marion	1954	Glenn, Margaret J.

**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 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 bookplate that has been designed for the purpose.

2. The balance of the income from the Fund, after payment of the prize provided for in Rule 1, shall be used for the purchase of books for the Barr Smith Library. Each book so purchased shall contain

a bookplate indicating that it is part of The Violet de Mole Memorial Library. These books shall be selected by the Professor of French Language and Literature in consultation with the Librarian.

#### Awards

For previous awards, see Calendar for 1953.

1951	Watson, Edna Madge	1953	Bradley, Michael Charles
1952	Laycock, Margaret	1954	Cornell, Phillipa S.

#### The Fred Johns Scholarship for Biography.

For conditions of award, see Statutes, Chapter LV, page 201.

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.	1952	Elliott, B. R., M.A.
1951	Reed, T. Thornton, M.A.	1953	Dutton, G. P. H., B.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 182.

#### Awards.

For previous awards, see Calendars from 1913.

1952	Reid, Robert Leighton	1953	No award
	<i>Prox. acc.:</i> Wadham, Elizabeth J.	1954	Bowes, Keith R.

#### 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 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 bookplate 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.

1951	Waterhouse, George S.	1953	Curnow, Ellen Isabel
1952	Pocock, Edward Robert	1954	Michell, Meredith J.

#### The Economic Society Prize.

The Council has accepted the offer of the South Australian Branch of the Economic Society of Australia and New Zealand to provide an annual prize of books to the value of £5 5/- and one year's free membership of the Society, for the best student in Economics III. The prizeman is required to present a paper to the Society. (D. 190/37).

#### Awards.

For previous awards, see Calendar for 1945.

1950	Penny, David Harry	1953	Head, John Graeme
1952	Scott, Jeffrey Frank	1954	Heinrich, Harold G.

#### 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 174.

#### Awards.

For previous awards, see Calendars from 1904.

1950	Vickery, Margaret	1954	Bradley, Michael C.
1951	Best, Effie Deland		
1953	Veitch, Lindsay G.		
	Smith, John R. C.		

} equal

#### 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 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.

Award.

1925 Holmes, Edna Lucy, B.A., LL.B.

#### The Anna Florence Booth Prize

This prize, of the value of £16, is offered annually, and is awarded for work in Social Studies. It was founded by Mr. Sydney Russell Booth in memory of his wife.

For conditions, see Statutes, Chapter LXII, page 205.

Awards.

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

#### 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 190.

Awards.

For previous awards, see Calendars from 1954.

1942 Ramsay, Alexander M., B.Ec.      1948 Opie, Roger Gilbert  
1946 Check, Bruce M., B.A.      1952 Penny, David H., B.Ec.

#### 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.

1953 Ellis, Brian David, B.A., 1954 Dodwell, David, B.A.  
 B.Sc. Head, John Graeme, B.Ec.

## 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 195.

## Awards.

For previous awards, see Calendars from 1930.

1944 Harris, Jack R., B.Sc. 1951 Martin, Peter Gordon  
 1947 Robinson, Mary K., B.Sc. 1954 Brown, Judith Eileen  
 1949 Jeffery, Margaret W., B.Sc. 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 186.

#### Awards.

For previous awards, see Calendars from 1914.

#### Scholarships.

1951	Parsons, Peter Angus	1953	Barlow, Douglas John
1952	Kohlhagen, Myra Audrey	1954	Sherwood, Leonie M.

#### 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 credit 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.

1951	Martin, Peter Gordon	1953	Brown, Judith Eileen
1952	Giles, Enid Valerie	1954	Burns, Erica Marian
	McKenzie, Jean		

### 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 200.

#### Awards.

1933	Parker, Cecil David, B.Sc.	1949	Seidler, Jan Hynek
1938	Gillespie, Donald Tom C., B.Sc.	1952	Thompson, Malcolm James
		1954	Gooden, John E. A.

**The Tate Memorial Medal.****RULES**

Whereas a sum of sixty pounds has been subscribed with the intention of founding a medal in memory of the late Ralph Tate, sometime Professor of Natural Science in this University, and whereas the said sum has been paid to the University for the purpose of establishing a medal: It is hereby provided that—

1. A medal to be called the Tate Memorial Medal shall be offered annually for the best original work in Geology. A candidate may be required to pass an examination in the subject matter of his thesis.

2. Any student in the University shall be eligible to compete for the medal, provided that the thesis is submitted within three years of the completion of a prescribed course in Geology; but the medal shall not be awarded to the same person more than once.

3. The thesis shall be forwarded not later than the first day of November in each year.

4. No medal shall be awarded to a candidate who, in the opinion of the Council, is not deserving of it.

5. Each candidate to whom an award of the medal is made shall deposit either the original or an approved copy of his thesis in the University library before he receives the medal.

Approved by the Council November, 1931, and June, 1933.

**Awards.**

For previous awards, see Calendars from 1932.

1951	Reynolds, Maxwell A.	1953	Woodard, Geoffrey D.
1952	White, Allan James Risely	1954	Chinner, Graham A.

**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 185.

**Awards.**

1916	Stephens, Cyril F., B.Sc.	1925	Jacobs, Maxwell R., B.Sc.
1921	West, Eric Stadden, B.Sc.		(resigned 1926)
1923	Lewcock, Harry K., B.Sc.	1928	Piper, Gordon R., B.Sc.

**The James Barrans Scholarship.**

This scholarship, founded by the late Sarah Barrans, in memory of her brother, the late James Barrans, is of the value of £90 and is awarded annually, provided that there is a candidate of sufficient merit. Preference in the selection of the scholar is given in alternate years to candidates in Science and in Engineering respectively.

For conditions, see Statutes, Chapter LXV, page 207.

**Awards.**

For previous awards, see Calendars from 1954.

1951	White, Allan James R.	1954	Daily, Brian
1952	Forbes, Bryan George		Wade, Mary Julia
	Chinner, Graham Alan	1955	Sando, Margaret



**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.

**Award.**

1954 Shepherd, Kenneth W.

**The Barr Smith Travelling Scholarship in Agriculture**

In 1953 Tom Elder Barr Smith gave to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith. The object of the fund is to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain.

The Scholarship is tenable at Cambridge University, for two years in the first instance, and is open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election.

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter LXXX, page 220.

**Award.**

1955 Parsons, Peter Angas, B.Ag.Sc.

**FACULTY OF ENGINEERING.****The Angas Engineering Scholarship.**

The Hon. J. H. Angas founded a scholarship of the value of £200 a year for two years, to "encourage the training of scientific men, and especially engineers, with a view to their settlement in South Australia."

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter XIII, page 165.

The scholarship is normally offered in alternate years. Candidates must give notice upon a special form obtainable at the University office.

## Awards.

For previous awards, see Calendars from 1911.

1948	Crompton, James W., B.Sc. (Eng.)	1950	Crisp, John D. C., B.E. Kaneff, Stephen D., B.E.
	Mitchell, Leigh H., B.E.	1952	Rose, Gordon Albert

**The Angas Engineering Exhibition.**

There are four exhibitions, each of the value of £15 per annum, tenable for four years by undergraduates in Engineering or Science. For conditions, see Statutes, Chapter XIII, Sections 10 to 17, inclusive, page 167.

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.

1950	Wall, Brian Henry	1952	Hearn, Anthony Clem
1951	Reisonas, Irvis	1954	Dean, Harry Michael

**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 204.

## Awards.

For previous awards, see Calendars from 1943.

1950	Hawes, Brian Richard A.	1953	Goodale, Peter Lewis
1951	Vawser, Keith Derwent		<i>Prox. acc.:</i>
1952	Staples, Roy William F.		Parbo, Arvi Hillar
		1954	Kwok, Hae Leong

**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.

1951 Wright, Russell Francis	1953 Slaughter, Colin Sidney
1952 Birrell, Archibald Novar	1954 No award

### 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.

1951 Whittle, Harry Reed	1953 Slaughter, Colin Sidney
1952 McCormick, Charles } W. D. } equal	1954 Baker, Donald M. } Wall, Ian B. } equal
Packer, John Stuart }	

### 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 Calendar for 1949.

1951	Melbourne, John Clifford	1953	Polkinghorne, Graham Keith
1952	Draper, Neil	1954	Esdaille, James Durie

**The S.A. Chamber of Manufactures Prize in Electronic Control**

The Council having accepted the offer of the S.A. Chamber of Manufactures to provide until 1958 a prize of £10 a year for work in Electronic Control, the following rules are hereby made:

1. The prize shall be called "The S.A. Chamber of Manufactures Prize in Electronic Control."

2. The prize shall be awarded upon the recommendation of the Faculty of Engineering to the matriculated student in the final year of the Electrical Engineering course of that Faculty who attains the highest standard in the annual written and practical examinations in Electronic Control, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed to be of sufficient merit.

## Awards

For previous awards, see Calendars from 1954.

1951	Huckson, Ernest John	1953	Slaughter, Colin Sidney
1952	Possingham, Maxwell L.	1954	Baker, Donald M.

**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

1953	Todd, Arnold Charles	1954	Bogner, Robert Eugene
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**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.

Award

1954 Hilbig, Maxwell John

**FACULTY OF LAW.**

**The Stow Prizes.**

These prizes were founded by public subscription in memory of the late Mr. Justice Stow. They are of the value of £15 each, and are awarded to undergraduates in law who show exceptional merit in not less than two subjects in any year of their course.

For conditions, see Statutes, Chapter XV, page 169.

Awards.

For previous awards, see Calendars from 1904.

1951 Wilson, Ian Bonython C.	1953 Wilson, Ian Bonython C.
1952 Wilson, Ian Bonython C.	1954 Wilson, Ian Bonython C.

**The Stow Scholarship.**

Every Bachelor of Laws who during his undergraduate course obtains three Stow Prizes receives a gold medal and is styled Stow Scholar.

Awards.

For previous awards, see Calendars from 1918.

1939 { Menzies, Duncan C.	1945 Wells, William Andrew N.
{ Palmer, Ernest William	1953 Wilson, Ian Bonython C.

**The R. W. Bennett Prizes.**

These prizes were founded by the late Richard William Bennett, K.C., LL.B. Of the value of £8 each, in books or money at the option of the prizeman, they are awarded for exceptional merit at the November examinations in any ordinary subject for the degree of Bachelor of Laws.

For conditions, see Statutes, Chapter LIX, page 203.

Awards.

For previous awards, see Calendars from 1945.

1950 White, James Michael	1953 Wilson, Ian Bonython C.
1951 Wilson, Ian Bonython C.	1954 Wilson, Ian Bonython C.
1952 Wilson, Ian Bonython C.	Shepherd, Scoresby Arthur

**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.
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### 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 199.

#### Awards.

- 1929 Bleby, Thelma Evelyn, LL.B.  
1933 Wynes, William Anstey, LL.B.  
1937 Bray, John Jefferson, LL.D.

### 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 Deans of the Faculties of Arts and Law.
4. The selection shall be made from those students who at the annual examinations of that year have passed at the Credit standard in any one or more of the courses taken from the curriculum in the Faculty of Arts.
5. The prize shall be awarded to the one of such students who in the opinion of the Deans of the Faculties of Arts and Law shall have taken the most active and effective part in the general activities of student life within the University.
6. In the case of substantial equality under Rule 5, preference shall be given to a student or graduate who is taking a course or courses in the Faculty of Arts additional to those taken for his graduation in Law, and in that case regard may be had to his record in all the courses in Arts subjects taken by him in that year. 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 Deans are satisfied that there is a student or graduate 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.

1951	Woodard, Charles G.	1953	No award
1952	Wilson, Ian Bonython C.	1954	No award

**The Thomas Gepp Prize**

RULES

Whereas the Late Florence May Pontt has bequeathed to the University the sum of £200 for the purpose of founding a Prize in memory of her late father, Thomas Gepp, it is hereby provided as follows:

1. There shall be a Prize, of the value of £5, to be called The Thomas Gepp Prize.

2. The Prize shall be awarded annually to the student placed first in the final examination in Private International Law in the course for the degree of Bachelor of Laws provided that in the opinion of the Faculty of Law there is a candidate of sufficient merit.

3. The Prize shall be awarded in money or in books as the successful candidate may desire.

4. If two or more candidates be placed equal in the final examination in Private International Law the work of each such candidate during the year shall be taken into consideration in awarding the Prize for that year.

5. The Prize shall not be awarded twice to the same person.

6. Subject to the terms of the bequest these rules may be varied from time to time but the title and general purpose of the endowment shall not be changed.

Awards

1952	Burchett, Kemerl Anne	1954	Jago, John Geoffrey
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**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.

1954 Pitchon, Leon.

1955 Pomroy, Andrew Frederick.

**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 credit.

Awards.

For previous awards, see Calendars from 1898.

1950 Forbes, Ian James

*Prox. acc.:*

Porter, Robert

1951 Gluyas, Maxwell Allan

*Prox. acc.:*

Brown, Jennifer May

1952 Foong, Siew Muay

*Prox. acc.:*

Skinner, Sandford Lloyd

1953 Hall, Donald Richard

1954 Aldor, Thomas Arthur

**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.

1952	Miller, John Milton	1953	Parks, Veronica June
	<i>Prox. acc.:</i>	1954	Barlow, Douglas John
	Brown, Jennifer May		

**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 examinations of the medical course who is placed first in the list of candidates who pass with credit.

For conditions, see Statutes, Chapter XXI, page 174.

## Awards.

For previous awards, see Calendars from 1911.

1950	{	Broadbent, Ian Nicholas (Third Examination)
		<i>Prox. acc.:</i>
		Bennett, Richard Clayton
		Webster, Stanley George (Fourth Examination)
1951	{	Pak Poy, Reginald Kenneth Felix (Third Examination)
		Last, Peter Murray (Fourth Examination)
1952	{	Nield, Alexander Cowell (Third Examination)
		Lawrence, James Roland (Fourth Examination)
		<i>Prox. acc.:</i>
		Bampton, John Charles
1953	{	Weston, Frank Keith (Third Examination)
		Posen, Solomon (Fourth Examination)
1954	{	McCall, Michael George (Third Examination)
		Mitchell, Noel John (Fourth Examination)

**The J. B. Cleland Prize in Pathology**

## RULES

Whereas the sum of £130 has been given to the University for the purpose of establishing a prize in commemoration of John Burton Cleland, M.D., George Richard Marks Professor of Pathology in the University from 1920 to 1948, the following rules are hereby made:

1. The prize shall be known as the J. B. Cleland Prize for Pathology.

2. It shall consist of a bronze medal and the sum of £5.

3. It shall be awarded annually to the undergraduate who at the Fifth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, is placed first in Pathology and who in the opinion of the Professor of Pathology is of sufficient merit.

## Awards

For previous awards, see Calendars from 1953.

1951	Last, Peter Murray	1953	Posen, Solomon
1952	Bennett, Richard Clayton	1954	No award

### 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

1952 Butler, Randal St. John M. 1954 Lykke, Athol W. J.  
1953 Posen, Solomon

### 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 201.

#### Awards.

For previous awards, see Calendars from 1942.

1951 Hodge, Philip Richard	1952 McKenna, Keith Patrick
<i>Prox acc.:</i>	1953 Broadbent, Ian Nicholas
Sheedy, Redmond Stuart P.	1954 Barbour, Robert Angus

### 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 192.

#### Awards.

For previous awards, see Calendars from 1923.

1951 Davenport, John	1953 Broadbent, Ian Nicholas
1952 Castle, Robert Norman	1954 Cox, John Samuel Tweedale

### 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 169.

## Awards.

For previous awards, see Calendars from 1904.

1951	Jones, Robert Britten-	1954	Schwartz, Colin John
1952	Last, Peter Murray	<i>Prox. acc.:</i>	
1953	Bennett, Richard Clayton		Posen, Solomon

**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 190.

## Awards.

For previous awards, see Calendars from 1939.

1950	Jessup, Allan Aubrey	1952	Bennett, Richard Clayton
	<i>Prox. acc.:</i>		<i>Prox. acc.:</i>
	Symes, William David		Lister, James Dick }
1951	Allen, Thomas Howard		West, Rosemary R. }
	<i>Prox. acc.:</i>	1953	Schwartz, Colin John
	Bentley, Alan	1954	Reid, Donald Peter

**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.

1951	Handley, Donald Alfred	1953	Wyllie, Robert Gurner
	<i>Prox. acc.:</i>		<i>Prox. acc.:</i>
	Sando, Maurice James W.		Posen, Solomon
1952	Savage, Joseph Patrick		McAuliffe, David Jeremiah
		1954	Robertson, Anthony Oliver

**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 I, 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.

1952 Last, Peter Murray                      1954 Posen, Solomon  
1953 Bennett, Richard Clayton

*Prox. acc.:*  
Westerman, Roderick Alan

**The William Gardner Scholarship and Prize.**

The scholarship, founded in memory of the late Dr. William Gardner, is of the value of £45 and is awarded annually for merit in surgery at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions, see Statutes, Chapter LXIII, page 206.

Awards.

For previous awards, see Calendars from 1944.

1950 Vivian, Arthur Bryan                      1953 Bennett, Richard Clayton  
1951 Jones, Robert Britten                      1954 Pak Poy, Reginald K. F.  
1952 McKenna, Keith Patrick

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 206.

Award.

1954 Schwartz, Colin John

**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 206.

Awards.

For previous awards, see Calendars from 1946.

1951 Davenport, John                              1953 Lawrence, James Roland  
1952 Kalinovskiy, Galina                              1954 Playford, Margaret Claire

**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 207.

## Award.

1946 Gregg, N. McAlister, M.B. Ch.M. (Syd.)

**Wyeth Prize in Obstetrics.**

The Council has accepted the offer of Wyeth Incorporated to provide an annual prize of £10 10s. 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.

1951	Symes, William David	1953	West, Rosemary Ruth
1952	Paull, Colin Gordon	1954	Munday, Robert Neill

**T. G. Wilson Travelling Scholarship in Obstetrics.**

In 1938 the sum of £2,000 was paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship, which is of the value of £200.

For conditions of award, see Statutes, Chapter LVIII, page 202.

## Awards

1947	R. M. MacIntosh, M.B., B.S.	1951	R. M. Beard, M.B., B.S.
	N. A. Richards, M.B., B.S.		
1949	G. W. E. Aitken, M.B., 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.

D. 717/53.

## Awards.

For previous awards of Hoffman-La Roche Prizes, see Calendars from 1937.

1953	Junior Prize: Higgins, Bruce Ashley.
1954	Junior Prize: Burvill, Peter Walter

### 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.

D. 227/36.

#### 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.

#### 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.

#### FACULTY OF DENTISTRY.

##### 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 £5 5/- 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.

1950	McKinnon, John Desmond	1953	No award.
1951	Henning, Frederick R.	1954	Bartholomaeus, Richard V.
1952	McDonald, Peter de Paul		Fairweather, Ethel F.

**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 five 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.

D. 205/34.

Awards.

For previous awards, see Calendars from 1945.

1951	Tanko, Robert Seymour	1953	No award.
1952	Henning, Frederick R.	1954	Williams, Donald N.

**The Faulding Scholarship in Dentistry.**

RULES

The Council has accepted the offer of Messrs. F. H. Faulding and Co. Ltd. to provide the sum of £21 a year for at least five years for a scholarship in Dentistry on the following conditions:

1. The scholarship shall be known as The Faulding Scholarship in Dentistry.
2. The scholarship may be awarded annually to assist a graduate in Dentistry to proceed to a higher degree or to undertake an original investigation approved by the Faculty.
3. Provided that the scholar's progress is satisfactory to the Faculty, the scholarship may be renewed for a second year, but not longer.
4. If no scholarship be awarded for two successive years, a scholarship to the value of not more than £40 may be awarded to a graduate in Dentistry to assist him to undertake research work on some dental problem approved by the Faculty.

**The Dental Board of South Australia Research Scholarship.**

RULES

Whereas the Dental Board of South Australia has agreed to pay to the University from time to time certain sums of money for the purpose of founding a research scholarship in Dental Science, it is hereby provided that:

1. The scholarship shall be called The Dental Board of South Australia Research Scholarship.
2. The purpose of the scholarship is to encourage research in dental science on subjects approved from time to time by the Faculty of Dentistry.

3. An applicant for the scholarship shall be a graduate in Dentistry of the University of Adelaide or of a University recognised by the University of Adelaide.

4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Dentistry. In making recommendations the Faculty shall take into consideration the proposed subject of research or investigation, the suitability of the candidate to undertake it and the value that should be attached to the scholarship in each case.

5. The research or investigation for which the scholarship is awarded shall be carried out under the supervision of the Director of Dental Studies.

6. Within the financial provision made available from time to time by the Dental Board of South Australia the University may award more than one scholarship at any one time.

Award

1950 Plummer, Alexander Philip, B.D.S.

### FACULTY OF ECONOMICS

#### Professor Tew's Prize for Economics I

In 1949 Professor Brian Tew, Professor of Economics in the University of Adelaide from 1946 to 1949, gave £100 to provide prizes in the Department of Economics. Under that gift an annual prize of £3/3/- is awarded to the candidate placed first in the annual examination in Economics I, provided that he is of sufficient merit.

Awards.

1949 Lewis, Robert Brook      1954 Cockburn, Malcolm  
Rendell, Margaret Patricia

#### The John Creswell Scholarships.

These scholarships were founded in 1913 by public subscription in memory of the late John Creswell. They are tenable for five years, and scholars proceed to the diploma in Commerce.

For conditions, see Statutes, Chapter XXXVI, page 187.

Awards.

(BY THE UNIVERSITY.)

For previous awards, see Calendars from 1919.

1951 Dunnet, Patricia Anne      1953 No award  
1952 Ottaway, Russell D.      1954 No award

#### The George Thompson Bursary in Commerce.

This bursary was founded in 1923 by the Adelaide Co-operative Society, Limited, in memory of the late George Thompson, the first Secretary and Manager of the Society. For conditions, see Statutes, Chapter XLVI, page 197.



## Awards.

1941	Harnett, William Edwin	1951	Wheaton, Roger Phillip
1947	Thompson, James Andrew	1954	Rendell, Anthony Alan

**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 171.

## 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 diploma in Commerce, who, on completing the course, 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 181.

## Awards.

For previous awards, see Calendars from 1913.

1951	Ewing, William John M.	1953	No award.
1952	Hosking, Kathleen Valerie	1954	Sallis, Brian L.

**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 Accountancy I and the other to the candidate in Accountancy II, who gains the highest marks for his exercise, essay and examination work in the subject throughout the year.
3. Each prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Reader in Commercial Studies.
4. If in any year the course of lectures in Accountancy I or Accountancy II is not given, the prize in that subject shall lapse for that year.

## Awards.

For previous awards, see Calendars from 1953.

- 1951 Wheatley, Peter John (Accountancy I)  
Soar, Dudley Turner (Accountancy II)
- 1952 Coonan, Edward Raymond (Accountancy I)  
May, Geoffrey Ernest (Accountancy II)
- 1953 Carruthers, Alfred Lloyd H. (Accountancy I)  
Branford, Neil Leslie (Accountancy II)
- 1954 Heinrich, Harold G. (Accountancy I)  
Carruthers, Alfred L. H. (Accountancy II)

**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 for three years 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 10s., and to be known as the S.A. Chamber of Manufactures Incorporated Prize in Cost Accountancy and Budgetary Control, shall be offered annually for three years beginning with the year 1946.

2. Provided that the work submitted is of sufficient merit, the prize shall be awarded to the candidate undertaking the course in Cost Accountancy and Budgetary Control who submits the best original essay of not less than 3,000 or more than 6,000 words on a subject prescribed by the Board of Commercial Studies and relating to the subject of Cost Accountancy and Budgetary Control. The subject shall be announced not later than the last day of August each year, and the essays shall be delivered to the Registrar not later than the last day of January following.

3. In awarding marks for the essays, particular consideration will be given to papers which might be regarded as a contribution of permanent value to the literature upon some aspect of Cost Accountancy.

4. If in any year the course of lectures in Cost Accountancy and Budgetary Control is not given, no award of the prize shall be made in that year.

## Awards.

- 1946 Wyett, Ernest Stanley, A.U.A. 1947 Stewart, Kenneth Duff

**Prize in Cost Accountancy.**

## 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; responsibility for providing the prize was accepted by the Australian Society of Accountants in 1954.

The prize so provided is awarded annually to the candidate placed first in the list of candidates who pass with credit in the annual examination in Cost Accountancy and Budgetary Control.

#### Awards

For previous awards, see Calendars from 1954.

1951	Sulan, Charles	1953	Byrne, John Harold
1952	Soar, Dudley Turner	1954	Sallis, Brian L.

### The Institute of Public Administration Medal and Prize

#### RULES.

Whereas the Council has accepted the offer of the South Australian Regional Group of the 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 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.

### 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 £A800 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 £A800.

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. In addition to his research the Fellow shall undertake such limited teaching duties as the Head of his Department shall determine.

6. An applicant must give particulars of his age, his academic record, and his previous research work including a list of publications (if any), must state as specifically as he can the subject on which he would wish to undertake research if awarded the Fellowship, and must give the names and addresses of two referees of whom confidential opinions may be sought. If his research will involve special or expensive apparatus he should state his requirements.

7. No provision is made for a candidate's fare to Adelaide.

#### Awards.

1952 Robertson, David S., M.Sc. (Manch.), B.Sc. (Adel.)

1954 Milligan, Brian, B.Sc.

### 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.

\* About £1,400.

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.

### Australian Atomic Energy Commission 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. 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. A student living at home shall be paid a living allowance of £500 p.a. If, however, acceptance of the studentship makes it necessary for a student to live away from home he shall be paid a living allowance of £600 p.a., together with first-class 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 the first 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.

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.

#### The Baillieu Research Scholarships

Whereas the University has received a sum of money under the provisions of the Repatriation Fund (Baillieu Gift) Act, 1937, for the purpose of establishing and maintaining in perpetuity within the University a scholarship or scholarships, the following rules are hereby made:

1. Two Scholarships, to be known as the Baillieu Research Scholarships, shall be available annually.

2. The value of each Scholarship shall be £75 a year, or such other sum as the Council may from time to time determine, and shall be paid to the Scholar in three equal instalments, one at the beginning of each term.

3. Each Scholarship shall be tenable for one year in the first instance, but may be renewed for a second year and, in exceptional cases, for a third year, but not longer.

4. Any graduate of the University who desires to conduct within the University postgraduate research in Medicine, Law, Commerce, Economics or Architecture, and whose research proposals are satisfactory to the Head of the Department concerned, shall be eligible for a Scholarship.

5. Where a candidate, eligible under Rule 4, is the lineal descendant of an Australian soldier, sailor or airman who, as the result of an occurrence happening during the period he was a member of the Forces, has died or has been blinded or has been permanently and totally incapacitated, he shall be awarded a Scholarship without regard to the merits of other candidates.

For the purposes of this rule:

- (a) a member of the Forces shall be deemed to have been blinded if his eyesight is so defective that he has no useful sight; and
- (b) a member of the Forces shall be deemed to have been permanently and totally incapacitated if he has been incapacitated for life to such an extent as to be precluded from earning other than a negligible proportion of a living wage.

6. Every application for an award—including, in the case of a Scholarship holder, any application for renewal—must be made through the Head of the candidate's Department, and should reach the Registrar by October 31. It should include full details of the proposed research and of the arrangements made or to be made for carrying it out.

7. All awards shall be made by the Council, on the recommendation of either the General Research Committee or the Medical Research Committee. If at any time there are more recommendations than available Scholarships, the Council shall choose between the recommended candidates.

8. If in any year a Scholarship is not awarded, such Scholarship may be awarded as an additional Scholarship in any subsequent year.

D. 350/51.

#### The David Murray Scholarships.

These scholarships, of the value of £25 each, were founded by the late David Murray, a former member of the Council of the University.

For conditions, see Statutes, Chapter XXXI, page 184.

#### 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 either Classics or French or Philosophy or Mathematics, to a candidate whose work is considered to be of sufficient merit.

##### SCIENCE.

This scholarship is awarded to enable the recipient to carry out some scientific investigation. The successful candidate, who must have satisfied all the academic requirements for a degree in either pure or applied science, is required to submit the subject of his work for approval by the Faculty and the Council.

Payment will be made in two instalments, the first on approval by the Council of the subject of the scholar's work, and the second on receipt of a satisfactory report of progress.

##### LAW.

A David Murray Scholarship of £25 will be awarded each year to the candidate for the Ordinary Degree of Bachelor of Laws who, having been placed at his first attempt in the first class in at least four of the subjects in that course (excluding special subjects 1, 2, and 3), or in the first class in three and in the second class in three of those subjects, is considered by the examiners to be the most meritorious of the candidates graduating in that year.

Half of the amount of the scholarship will be paid to the scholar on the making of the award, and the balance will be paid if and when the scholar completes his qualifications for the Honours Degree of Bachelor of Laws within three years of the making of the award, or such extended time as the Faculty may allow.

**MEDICINE.**

Facilities for higher work will be offered to any graduate or undergraduate who desires to pursue a subject of research. A scholarship of the value of £25 may be awarded every second year for such work, provided it is of high quality. Undergraduates of not less than three years' standing and graduates of not more than two years' standing will be eligible to compete.

**Awards.**

For previous awards, see Calendars from 1913.

- |      |   |                               |
|------|---|-------------------------------|
| 1950 | { | Arts—Selth, Geoffrey Poole    |
|      | { | Law—White, James Michael      |
|      |   | Brebner, Donald Malcolm       |
| 1951 |   | Arts—Johnson, Margaret Isobel |
|      |   | Mills, John Murray            |
| 1952 |   | Arts—Ellis, Brian David       |

**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 191.

**Awards.**

For previous awards, see Calendars from 1923.

- |      |                     |      |                      |
|------|---------------------|------|----------------------|
| 1950 | McCarthy, Ian John  | 1952 | Thompson, Malcolm J. |
| 1951 | Walker, Ian Saville | 1954 | Gooden, John E. A.   |

**The Eric Smith Scholarship.**

This scholarship was founded in memory of Lieutenant Eric Wilkes Smith, who was mortally wounded in the attack upon the Dardanelles on 25th April, 1915.

For conditions, see Statutes, Chapter XVIIb, page 170.

**Awards.**

- |      |                         |      |                       |
|------|-------------------------|------|-----------------------|
| 1917 | Cooper, Thomas Edwards  | 1942 | Wilson, Jack Woodrow  |
| 1921 | Moreland, Jack          |      | (resigned)            |
| 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    |

**The St. Alban Scholarship.**

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of £150 for the purpose of founding a scholarship, to be called the St. Alban Scholarship, the University has agreed—

1. That the St. Alban Scholarship shall be awarded by the University to any matriculated student thereof who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity) shall be nominated by the said Lodge as a person to whom a St.



Alban's Scholarship shall be awarded. Each student so nominated shall hold such scholarship for such number of consecutive academical terms as the student must for the time being complete in order to obtain a degree in (as the case may require) Laws, Medicine, Arts, Economics, Science, Engineering or Music; Provided, nevertheless, that the said Lodge may from time to time at the end of any academical year terminate the tenure of the scholarship by the holder thereof for the time being, and substitute another matriculated student for such holder. Each student so substituted shall therefrom have all the advantages appertaining to such scholarship.

2. The value of the scholarship will be £15 a year, and the University will credit that sum towards payment of the scholar's fees in each year during which the scholar holds the scholarship.

3. Scholars shall be in all respects subject to the Statutes and Regulations for the time being of the University.

4. Save by permission of the Council of the University, no scholar shall be entitled to exemption from or to a reduction of University fees during more than the number of academical terms, reckoned consecutively, which such scholar must complete in order to obtain a degree in the course of study pursued by him or her, and the terms shall be computed from the day next preceding the commencement of the academic year in which he or she shall become a scholar.

5. Certificates in the respective forms hereinafter provided, or in some similar form, purporting to be signed by the Master or Acting Master and by the Secretary or Acting Secretary for the time being of the St. Alban Lodge, and to be sealed with the seal thereof, shall respectively be accepted by the University as sufficient evidence of the truth of the statements contained therein respectively, and of the due signature and sealing thereof respectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro-Grand Master, or (failing him) the Deputy-Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia shall be accepted by the said University as sufficient evidence as well as the right of the person by whom any such certificate shall purport to be signed to sign it and to do the act mentioned therein, as of the fact that the alleged act has been duly done.

As amended by Council, June, 1922, and subsequently amended in 1954.

FORMS OF CERTIFICATES.

To the University of Adelaide.

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

Dated at Adelaide this \_\_\_\_\_ day of \_\_\_\_\_ in  
the year 19 \_\_\_\_\_

(Lodge Seal.)

Signed, \_\_\_\_\_  
Master of St. Alban Lodge.

Signed, \_\_\_\_\_  
Secretary of St. Alban Lodge.

To the University of Adelaide.

Lodge St. Alban hereby certifies that it has determined the tenure  
by \_\_\_\_\_ of the St. Alban  
Scholarship, and has substituted \_\_\_\_\_  
in the room of the said \_\_\_\_\_

Dated at Adelaide the \_\_\_\_\_ day of \_\_\_\_\_ in  
the year 19 \_\_\_\_\_

(Lodge Seal.)

Signed, \_\_\_\_\_  
Master of Lodge St. Alban.

Signed, \_\_\_\_\_  
Secretary of Lodge St. Alban.

Awards.

For previous awards, see Calendars from 1921.

1938 Andrew, Hugh Graham 1946 Perrett, Lance Victor  
1942 Rounsevell, James Corryton 1953 Hambly, Francis Sutherland

The League of Nations Prize.

RULES

Whereas the sum of £100 has been paid to the University by Tom  
Elder Barr Smith for the purpose of founding an annual prize for an  
essay on the work of the League of Nations: It is hereby provided  
that—

1. A prize of £5 shall be given annually for the best essay on a  
topic to be prescribed by the University in or about the month of  
January in each year, the topic being connected with the work of the  
League of Nations or any similar body.

2. All students of the University, or of any class in the control of the University, are eligible to compete, provided they are not graduates.

3. No essay shall contain fewer than 4,000 or more than 10,000 words.

4. Each essay shall be sent to the office of the Registrar not later than the 18th May, unless the Council shall prescribe or allow some other date. The prize shall be paid on or about the 1st of July following.

5. The prize shall not be awarded to the same person more than once.

6. If no essay of sufficient merit is sent in the prize shall lapse for that year.

7. The Council may from time to time vary or amend these rules in any way not affecting the purpose of the endowment.

Made by Council, 27th June, 1924.

NOTE: While the credit balance of the income from the endowment will permit, the value of the prize will be increased to ten guineas.

Competitors for this prize are required to submit with their essays a list of the sources from which the material for the essay was obtained.

#### 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 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 175.

#### Awards.

For previous awards, see Calendars from 1911.

1947	McCarthy, Ian Ellery	1951	Alpers, Michael Philip
1948	Baker, Irvine Noel	1952	Alder, Thomas Arthur M.
1949	Porter, Robert	1953	Kelly, Robert John
1950	Lokan, Keith Henry		

#### 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 "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.

In certain circumstances it may be possible to consider applications from students who begin their courses between the ages of 21 and 25 years. Such candidates should call personally at the Education Department for advice about applying for a scholarship and the benefits if selected.

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.

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 Entrance Scholarship may be used for any approved course in Australia. In South Australia the courses which have been approved to date are: all University first degree courses; most University diploma courses; School of Mines diploma courses; diplomas in Agriculture, Dairying and Oenology at Roseworthy Agricultural College; the diploma of the Kindergarten Training College. Lists of courses available in 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 University Statutory Fees, but do not cover fees for residence, laboratory deposit fees, lecture notes, etc. 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.

Subject to a Means Test a Commonwealth Scholar who is a full-time student may qualify for a living allowance. The maximum living allowance is £240/10/- per annum for a student living away from home or living at a University College and £169 for a student living at home. In 1955 the maximum living allowance will be payable where the "adjusted family income" amounts to £600 or less. The "adjusted family income" consists of the gross income of the father and mother and any continuing private income of the student for the previous financial year less £100 for the first child under 16 and £50 for each other child under 16. The maximum allowance is decreased at the rate of 6/- for every pound by which the "adjusted family income" exceeds £600. Some concession may be made where the scholar has brothers or sisters undertaking full-time tertiary courses and in special cases, e.g., where the father dies or retires during the course, the living allowance may be assessed on the family current income, instead of on the income for 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.

Certain deductions are made from living allowance on account of earnings from employment or from the Armed Services or receipts from other awards. However, the deduction for any week of employment cannot exceed the weekly allowance payable, so in general scholars can supplement their incomes by taking employment during long vacations.

At present a student may hold both a bursary and a Commonwealth Scholarship. The full amount of a bursary is not deducted from the scholarship living allowance and in living allowance cases there is a definite financial advantage in holding both awards.

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. A different method of selection and a different scale of benefits apply to these, and details will be supplied on request to the Scholarships Branch of the Education Department.

**Government Bursaries and Studentships, tenable at the University.**

(Regulations of the Education Department in regard to Scholarships.)

**Leaving and Honours Bursaries.**

11. Bursaries as specified hereunder shall be offered annually for competition among children resident in South Australia or (in cases approved by the Director) in a reciprocating State whose parents have been domiciled or resident in Australia for the two school years next preceding the 31st day of December of the year in which such children compete, or, if they have not been so domiciled or resident, satisfy the Minister, by such evidence as he may require, that it is their intention to reside in South Australia during the term for which the bursary may be awarded.

- (1) (a) Forty-eight Leaving Bursaries to be awarded by the Minister in two divisions on the results of the Leaving Examination of the University of Adelaide, as follows:—

Division I—Eighteen such Bursaries shall be awarded to children who, for the two years next preceding the 31st day of December of the year in which they compete have been in attendance at a school in South Australia situated beyond a radius of ten miles from the General Post Office at Adelaide.

Division II—Thirty such Bursaries shall be awarded to children who are in attendance at a school situated within a radius of ten miles from the General Post Office at Adelaide or to children who have been educated wholly or partly elsewhere than at a South Australian school. Any candidate who has attended for the two school years next preceding the 31st day of December of the year in which he competes, partly at a school in Division I, and partly at a school in Division II, shall compete in Division II. Provided that if any of the 18 Bursaries awarded in Division I or of the 30 Bursaries awarded in Division II be not accepted by the student to whom it is awarded it may be awarded to a qualified student in either Division.

- (b) Competitors must not be more than 17½ years of age on the 31st day of December of the year in which they compete; Provided that a competitor who was awarded a Qualifying Exhibiton prior to the 30th June, 1943, may be permitted to compete for a Leaving Bursary, although he will be over the age of 17½ years on the 31st day of December of the year in which he competes, provided that he will be under the age of 18 years on the 31st day of December of that year.
- (c) The relative value of the subjects shall be fixed from time to time by the Director: Provided that, in the competition for the Leaving Bursary six subjects shall be the maximum number for which a candidate may claim credit including Drawing and Music if all sections of

each such subject have been taken within the year of application, but only two of the subjects, Arithmetic, Mathematics I and Mathematics II shall be counted.

- (2) (a) Twelve Honours Bursaries to be awarded by the Minister on the results of the Leaving Honours Examination of the University of Adelaide. Every candidate who has passed in at least four subjects of the Examination shall be eligible for the award of an Honours Bursary. The result shall be determined by adding together the marks obtained by the candidate in not more than five subjects in the said examination. Pure Mathematics counts as two subjects. The relative values of the subjects of the said Leaving Honours Examination shall be fixed from time to time by the Director.
- (b) Honours Bursaries shall be awarded only to those deemed by the Minister to be of sufficient merit.
- (c) Candidates must be under 19 years of age on the 31st day of December of the year in which they compete and must not previously have attended any part of the undergraduate course of the University of Adelaide in those subjects in which they are competing for an Honours Bursary.
- (d) To perpetuate the memory of the late Hon. Archibald Henry Peake, former Premier and Minister of Education of the State, the first of the said Honours Bursaries awarded in each year shall be known as the "Archibald Henry Peake Bursary."

12. No beneficiary under any other Education Scheme shall be eligible for award of a Bursary unless he foregoes such other assistance, nor shall any Bursary be awarded to any candidate for whose education at the University provision has been made out of public funds unless otherwise approved by the Minister, but the Angas Engineering Exhibition may be held in conjunction with a Leaving Bursary and an Honours Bursary may be held in conjunction with the Hartley Studentship.

13. No candidate shall be awarded a Bursary unless he has completed the matriculation requirements for the Faculty in which he proposes to study.

14. The Bursaries shall be tenable at the University of Adelaide for any course for which the bursar is eligible, and shall consist of a maintenance allowance at the rate of £13/6/8 per term.

In addition, in respect of such period of time (if any) as it is necessary for a bursar to board away from home to attend the University of Adelaide, or if the Director is satisfied that such bursar could not have the benefit of the Bursary without additional assistance, or if his parents or guardian reside outside the State for any period of time during the tenure of his Bursary, the rate of maintenance may be increased to an amount not exceeding £26/13/4 per term in respect of such period of time as that condition exists, or

alternatively a travelling allowance at a rate not exceeding £5 per annum may be paid, but no bursar shall be paid both a maintenance allowance beyond £10 per term and a travelling allowance. Travelling allowance shall not be payable to a bursar living in the metropolitan area as defined in regulation 1 of this part.

15. Honours Bursaries shall exempt the holders from all fees, other than fees for supplementary examinations, payable to the University of Adelaide in the courses for the degrees and from all fees payable to the School of Mines.

The Council of the University of Adelaide has agreed to remit in respect of Leaving bursars all fees other than fees for supplementary examinations payable to the University of Adelaide in respect of degree courses. The School of Mines Council has agreed to remit all fees payable for courses taken by Leaving bursars.

Bursars taking the Bachelor of Agricultural Science Course shall be exempt from all fees payable to the Roseworthy Agricultural College and holders of Bursaries in Medicine shall be exempt from all fees payable for hospital instruction and to the Queen's Home.

16. A bursar taking a course which provides for study partly at the University of Adelaide and partly at a University in another State shall be exempt from all fees payable to the University in the other State and shall be paid the full maintenance allowance during his attendance at that University.

17. Subject as hereinafter provided in the year following the examination each successful candidate must enter the University of Adelaide as an undergraduate in Arts, Economics, Engineering, Science, Law, Medicine, Dentistry or Music, or for the course for the diploma in Pharmacy or Physiotherapy. A candidate who enters as an undergraduate student in Science may take any one of the courses, including the special course in Agricultural Science given by the University in conjunction with the Roseworthy Agricultural College.

18. Except in the case of illness or other sufficient cause, each bursar must in order to retain the Bursary attend all lectures and pass all examinations required in the selected course. Notwithstanding anything herein contained in any case in which it is considered desirable by the Director, the candidate may postpone his entry to the University for one year, or in special circumstances for a longer period not being later than the first term of the third University year immediately following the award as the Director determines.

In the case of a Leaving bursar not coming within the scope of regulation 21 hereof, he may be granted an allowance at the rate of £10 per annum during his attendance at a Secondary School for the approved period of postponement, provided he is not the holder of an Intermediate Exhibition.

19. (1) A student awarded a Leaving Bursary pursuant to and in accordance with Division I of Regulation 13 (1) (a) hereof, and a student awarded a Leaving Bursary pursuant to and in accordance with Division II of Regulation 13 (1) (a) hereof, whose permanent home is so situated that in the opinion of the Director he could not,



if residing at such home, attend the selected school without undue inconvenience or expense, may, with the approval of the Director, postpone his entry to the University for one year if he so desires, provided he remains for that year at a school approved by the Director, and undertakes to sit for the Leaving Honours examination at the end of that year.

(2) In such a case, provided he is not the holder of an Intermediate Exhibition, he may be paid an allowance at the rate of £30 per annum plus a boarding allowance at the rate of £30 per annum in respect of such period of time (if any) as his permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense.

(3) If a student who has been paid the allowances referred to in paragraph (2) does not pass the Leaving Honours Examination, his Bursary shall lapse unless he produces a certificate from the Head Master of his school that he is fitted to enter upon a University Course, in which case he shall be permitted to retain the Bursary.

20. A student holding a Leaving Bursary whose entry to the University has been postponed will not be eligible to compete for an Honours Bursary while holding a Leaving Bursary, but his name will be included in order of merit in the Leaving Honours list.

21. Payment of Bursaries shall be made in instalments. A bursar must present a certificate of diligence and proficiency in a form prescribed by the Director and payment may be reduced or withheld altogether if such certificate is not satisfactory to the Director.

22. Application from intending competitors must be received in the Education Office on or before the 31st day of October of the year in which they compete, and must be on the official form.

23. In the event of a Bursary lapsing or being forfeited, the money may be used within twelve months of such lapse or forfeiture, either in providing an additional Leaving Bursary or Honours Bursary, as the case may be, or as the Minister directs.

For awards, see the Manual of the Public Examinations Board.

#### Evening Studentships.

24. Studentships will be offered annually for competition by persons attending or proposing to attend evening lectures at the University or the School of Mines with a view to graduating or securing a diploma. These studentships shall, as a general rule, be awarded to candidates whose occupations or circumstances prevent them from attending the day lectures, but the Minister may award not more than one-fourth of the whole number of studentships to candidates whose employers allow them time to attend day lectures during working hours.

25. The value of each studentship shall not exceed £10 for a science or engineering student, or £7 for any other student, and shall in no case exceed the outlay necessary for lecture and examination fees, text-books, and material; and the total value of the studentships granted in any one year shall not exceed £180.

26. Nine of such studentships shall be offered to students studying or intending to study for a degree in science or engineering, and thirteen to students studying or intending to study for any other degree or for a diploma. Provided that if in any year the number of applicants of sufficient merit does not allow of these proportions being maintained, the same may be varied, or the full number of studentships not awarded, at the discretion of the Minister.

27. Of the studentships offered for science or engineering, three shall be offered to students entering upon their course, two to students who have completed one year of study, two to students who have completed two years of study, and two to students who have completed three years of study. In the competition for the other studentships, five shall be offered to students entering upon their course, three to students who have completed one year of study, three to students who have completed two years of study, and two to students who have completed three years of study. Provided that if in any year the number of applicants of sufficient merit does not allow of these proportions being maintained the Minister may vary the same at his discretion.

28. Candidates for the first-year studentships must be between the ages of 16 and 25 years on the first day of January of the year of entry, and must have been resident in South Australia for at least one year immediately preceding that date. Candidates for the other studentships must comply with similar conditions, one year of age being added for each year of the course studied.

29. Should an examination be necessary for the award of the first-year studentships, the subjects of such examination shall be fixed by the Director. Such examination shall be qualifying, not competitive, and the studentships shall be awarded to such candidates as, in the opinion of the Minister, show the most promise, taking into consideration the previous opportunities and present circumstances of the candidates.

30. The subjects of examination for the studentships to be awarded for each year other than the first shall be such as have been respectively studied by the candidates during the preceding year.

31. Such portions of the studentships as are necessary to pay the fees and the cost of the prescribed text-books shall be paid at the beginning of each term. Students other than those entering on their course must satisfy the Director that they have diligently and regularly attended the prescribed lectures. The Minister may cancel the studentship awarded to any student who has, without reasonable excuse, failed to attend such lectures, diligently and regularly.

32. Candidates for any of these studentships, whether they have already held one of them or not, must apply to the Director of Education in writing on or before 28th February of the year in which the applicant desires to hold the studentship. Each candidate should state:—

1. His age, whether at work during the day, how employed, and what salary or wages he receives.

2. His qualifications in point of knowledge, viz.:—

- (a) If he has not previously held the studentship, he shall give particulars of any public examinations he has passed.
- (b) If he has already held the studentship, he shall state what work he has done and what examinations he has passed while holding it.

Candidates who have reached the standard of the Intermediate public examination of the University in English Literature, History, and Mathematics are qualified to hold studentships.

33. If the whole sum of £180 is not awarded in any year to candidates qualified under paragraphs 41 and 45 of this part of these regulations, any surplus may be used, at the discretion of the Minister, in assisting other deserving students.

44. (1) Except where otherwise provided, or with the express permission of the Minister, no person may hold any Exhibition, Scholarship, Bursary, or Evening Studentship under this Part in conjunction with any other Exhibition, Scholarship, Bursary, or Evening Studentship awarded by the Minister.

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## 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, and a Rhodes Scholar will be awarded a third year only if he shows outstanding quality and presents a definite plan of study for the additional period satisfactory to his College and to the Rhodes Trustees.

The basic value of a Rhodes Scholarship is £400 (sterling) a year, and is supplemented at present by a special allowance of £100 (sterling) a year. This special allowance, however, is subject to periodic review by the Trustees in the light of economic conditions and may be reduced or discontinued. At most colleges, and for most men, £500 is scarcely sufficient to meet a Rhodes Scholar's necessary expenses for term-time and vacations, and Scholars who can afford to supplement it by, say, a further £50 or £100 (sterling) a year from their own resources are strongly advised to do so.

Cost of travel 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.

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.

1950 Dowding, Alan Lorimer	1953 Lawrence, Robert John
1951 Opie, Roger Gilbert	1954 Porter, Robert
1952 Ashwin, Charles Robin	1955 Wilson, Ian Bonython C.

### ROYAL COMMISSIONERS FOR THE EXHIBITION OF 1851.

#### Scholarship Awards.

1892 Allen, J. B., B.Sc.	1927 Oliphant, M. L. E., B.Sc.
1902 Cooke, William T., B.Sc.	1933 Bosworth, R. C. L., M.Sc.
1905 Kleeman, Richard D., B.Sc.	1934 Ballard, L. A. T., M.Ag.Sc.
1909 Glasson, Joseph L., B.Sc.	1935 Price, James R., M.Sc.
1912 Jauncey, G. E. M., B.Sc.	1947 Bowes, Donald R., B.Sc.
1920 Dawkins, Alfred E., B.Sc.	1950 Nossal, Peter M., M.Sc.
1925 Wood, Joseph G., B.Sc.	

#### Bursary Awards.

1901 Cooke, William T., B.Sc.	1911 Jauncey, G. E. M., B.Sc.
1904 Kleeman, Richard D., B.Sc.	1913 Sanders, Harold W., B.A.

### The Gowrie Scholarship Trust Fund.

The Gowrie Scholarship Trust Fund offers annually two kinds of scholarships for University students: (a) four scholarships, each of the value of £100 a year, tenable at an Australian University for the normal length of the course being undertaken (with a possible extension, in special circumstances, for a further period not exceeding one year); (b) two postgraduate travelling research scholarships, each of the value of £A500 a year, tenable for two years at a University or other approved institution abroad.

A candidate for either scholarship must be or have been a member of one of the Forces with service in the war which began in September 1939, or be the child or other lineal descendant of such member, as defined in the Trust Deed. Further particulars may be had on application at the Registrar's Office.

### Services Canteens Trust Fund Postgraduate Scholarships

The Trustees of the Services Canteens Trust Fund offer each year two postgraduate Scholarships for competition amongst graduates who are the children of men or women who served in the Australian forces during the 1939-45 War. One Scholarship is valued at £A800 a year and is tenable abroad for a period up to three years; the other is valued at £A600 and is tenable at an Australian University for a similar period.

In awarding the Scholarships the Trustees will take into account: (i) academic career; (ii) ability for research work; (iii) character; and (iv) the future value to Australia of the subject of research or study.

Further particulars may be had on application at the Registrar's office.

### The William Culross Prize for Scientific Research.

#### Rules.

Whereas the late Mrs. Gertrude Culross has bequeathed to the University the sum of £250 for the purpose of providing an annual prize for scientific research, the following rules are hereby made:

1. The prize shall be called "The William Culross Prize for Scientific Research."

2. The value of the prize shall be £8 or an amount equal to the annual income from the bequest, whichever is the less, and shall be paid to the prizewinner in one sum.

3. The prize shall be awarded annually to the student who, being enrolled as a full-time student proceeding to a higher degree in science or engineering, shall have most greatly distinguished himself in scientific research in that year in the prescribed Group of sciences. The award shall be made by the Council on the recommendation of the General Research Committee.

4. For the purposes of Rule 3, the following Groups have been prescribed:

Group I—The following biological sciences, namely:—Anatomy and Histology, Bacteriology, Biochemistry, Botany, Pathology, Physiology, Zoology.

Group II—The following physical sciences, namely:—Chemistry, Engineering, Geology and Mineralogy, Economic Geology, Physics.

Group III—The sciences studied at the Waite Agricultural Research Institute, namely:—Agricultural Chemistry, Climatology, Entomology, Agronomy, Genetics, Plant Pathology, Plant Physiology.

5. The prize shall be offered for competition for the first time in the year 1953 and shall be awarded for work done during that year in one of the sciences in Group I; thereafter it shall be awarded annually for work in each Group in rotation: provided that, if in the opinion of the General Research Committee there is in any year no candidate of sufficient merit in the Group appropriate to that year, the prize may be awarded to a candidate from either of the other two groups; but such award shall not affect the strict order of annual rotation of the three Groups.

6. If in any year no candidate is considered by the General Research Committee to be of sufficient merit the prize shall not be awarded for that year but the Council may, in the next or in any subsequent year, award two prizes if there be two candidates (not necessarily both in the same Group) who are recommended by the General Research Committee as being of sufficient merit.

#### Awards.

1953 Hunt, Arnold L., B.Sc.      1954 McCarthy, Ian E., B.Sc.

### Mining and Metallurgical Bursaries and Scholarships.

The principal Australian base-metal mining companies have created a trust for the award of bursaries on the following terms:—

Students who are British subjects and have completed or received credit for the first year of the course for the degree of Bachelor of Engineering in the Department of Mining or of Metallurgy may apply before 31st December for a bursary, submitting evidence of personality and scholarship. Students taking Geology as a major subject in the course for the degree of Bachelor of Science may apply for a bursary in Mining.

Each bursary will be worth £30 per annum for the remaining years of the course, the payment for any later year being contingent on the bursar's having sufficiently distinguished himself in the preceding year.

Bursars desiring renewal of their bursaries must apply in writing for such renewal by December 31.

An award will be made only if there is a candidate of sufficient merit.

### Scholarships at Other Australian Universities for which Adelaide Students or Graduates May Compete.

There are, in the University of Melbourne, a number of awards for which students or graduates of other Universities are eligible to compete.

They are:

- The Argus Research Scholarship in Engineering.
- The Grimwade Prize in Industrial Chemistry.
- The Harbison-Higinbotham Research Scholarship.
- The John Melvin Memorial Scholarship.
- The Ernest Scott Prize.
- The Stawell Scholarship.
- The David Syme Research Prize.
- The Arthur Sims Travelling Scholarship.

The regulations governing the above awards either specifically include members of other Universities in the field of eligibility, or clearly contemplate such inclusion. There are, however, a number of others which do not exclude competition by members of other Universities, and for which applications from such persons would be considered. Scholarships in this class are in the main awarded to enable the scholar to undertake research work in the University of Melbourne. They include:

- The R. J. Fletcher Research Fund.
- The J. M. Higgins Research Foundation.
- The Kilmany Scholarship.
- The John Nevill Scholarship.
- The H. W. C. Simpson Research Scholarship.
- The Vacuum Oil Company Scholarship.

Similarly, in the University of Queensland, students or graduates of other Universities are eligible to apply for the Walter and Eliza Hall Scholarship in Economic Biology.

Particulars of the above scholarships and awards may be found in the Calendars of those Universities; the Calendars may be consulted in the Registrar's office.

#### **Colonial Office Appointments.**

Arrangements have been made with the Australian Universities to facilitate the appointment of graduates or others in the Colonial Service. These appointments are made by the Private Secretary (Appointments), Colonial Office, London, under the Secretary of State. The Central Committee of the Australian Universities may forward recommendations.

The services of main interest are the Administrative Services of East and West Africa; Medical Services; appointments in Agricultural departments, Education and Police; Survey, Geological, and Financial departments.

The countries administered by the Colonial Services include the East and West African Colonies and Protectorates, Hongkong, Malaya, Fiji and the West Pacific, Mauritius, the West Indies, etc., mainly within the tropics.

Apart from academic and technical attainments, the greatest importance is attached to character and personality. The qualifications necessary for recommendation may be considered as similar to those of an applicant for the Rhodes Scholarship in this State.

Further particulars may be obtained from Professor E. C. R. Spooner, The University, Adelaide.

#### **Dental Scholarship.**

A scholarship which is tenable for one year at the Dental School of the Northwestern University, Chicago, is available annually for nominees of the University of Adelaide.

The scholarship covers the fees for tuition, and in addition all necessary equipment and instruments are provided. Particulars regarding special courses available may be obtained from the Registrar (Ds. 234/28 and 145/35).

Dental graduates of the University of Adelaide are eligible for this scholarship, and nominations will be made by the University Council on the recommendation of the Faculty of Dentistry.

Applications should reach the Registrar not later than March 31 in any year, and successful applicants should arrive at Northwestern University not later than September 1.

#### **Awards.**

- 1934 Tidemann, Ernest Phillips, B.D.S.
- 1940 Willoughby, Roger George, B.D.S.
- 1947 Frayne, Harold Bruce, B.D.S.

#### **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 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 applications 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 President of the University Union.

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

#### **Soldiers' Children Education Board.**

In the case of the child of a deceased or permanently incapacitated soldier whose education has been supervised by the Soldiers' Children Education Board or any other body approved by the Council and who has qualified for admission to the University, the Council at its discretion may remit all or any of the fees payable to the University.

#### **The University Research Grant**

The University Research Grant serves two purposes: to enable suitable young graduates to be trained in the principles and methods of original research and to promote research in the physical, biological and social sciences. The Grant therefore provides for the support of both trainee and qualified research workers and for the purchase of equipment and maintenance materials and for other expenses associated with the prosecution of approved research projects.

The grades and minimum qualifications of research workers for whom living allowances may be provided from the Grant are as follows:

1. *Junior Research Scholar*: A good Ordinary degree. Very few awards are made in this category; those that are made are intended to enable a Scholar to proceed to an Honours degree.
2. *Senior Research Scholar*: A good Honours degree. A Senior Research Scholar is required to work under supervision and direction on an approved research project. Normally, the work undertaken is such as to enable the Scholar to use it as the basis of proceeding to a higher degree.
3. *Junior Research Fellow*: An Honours degree and (in most cases) at least two years' subsequent research experience. Appointments to this grade are few and are normally limited to those Senior Research Scholars whose work has been of a very high quality.

4. *Senior Research Fellow*: Proved research ability of a high order, with experience beyond that required of a Junior Research Fellow.

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. K. T. Hamilton).

### The Graduates' Union of the University of Adelaide.

(Amalgamated with the Adelaide University Union.)

A Graduates' Association was founded in 1920 for the general purpose of promoting the spirit of corporate unity among the members of the University. The Association is now a constituent member of the Adelaide University Union, and is called the Graduates' Union. In 1953 it furnished and equipped a Graduate Centre in the old Anatomy Building, where light refreshments are available; members have in addition the right to use the Union Buildings, including the refectory and cafeteria, and possess other privileges. The objects of the Graduates' Union, as set forth in its constitution, are the following:—

- (a) to use its influence with the public and with the Government to procure such increase of the financial and other resources of the University as may be necessary for its fullest and most efficient development;
- (b) to secure publicity for the needs and the achievements of the University, and to promote recognition by the State of the services of the University;
- (c) to suggest new and desirable fields of University activity;
- (d) to act in aid of the Council of the University in matters affecting the physical, moral, and social welfare of undergraduates;
- (e) to use its influence to promote the social and cultural aspects of University life among the faculties, graduates and undergraduates, and to promote such other advances and reforms as may appear advisable in their interests;
- (f) to advocate such measures as may appear advisable to provide residential accommodation for undergraduates;
- (g) to assist graduates to obtain useful and profitable employment to the end that the services of the University may find their full expression in the practical life of the community;
- (h) generally to do all things incidental to, or which may have the effect of furthering, the above objects.

Membership is open to all graduates of the University or of any University recognised by the University and to all holders of a diploma or of a final certificate of the University upon payment of the annual subscription of one guinea. Subscriptions should be paid to the Secretary of the Adelaide University Union (Mr. K. T. Hamilton, Union Office, The University).

The Graduates' Union Committee is elected annually to control affairs relating especially to graduate members of the Union.

Meetings of graduate members are held from time to time. The Graduates' Union publishes a Gazette once each term to keep its members informed on University affairs.

### Adelaide University Union.

The objects of the Adelaide University Union are:—

- (a) to provide a common meeting ground and social centre for students and members of the University;
- (b) to promote the intellectual culture of its members;
- (c) to represent its members on matters affecting their interests, and to afford a recognised means of communication between its members and the University authorities;
- (d) generally to secure the co-operation of University men and women in furthering the interests of the University.

In 1926 the Hon. Sir Josiah Symon, K.C.M.G., K.C., gave £9,500 to provide the Lady Symon Building for the Women's Union, which is part of the general University Union. His objects were to secure a common meeting ground and a social as well as an academic centre for women members of the University; to encourage the intellectual development of its members by discussions and debates, and otherwise to provide community and exchange of thought and foster the growth of a corporate spirit among University women; and to mark his own happy personal association with the early work of the University as a member of its Council and its active Committees for eight years.

In 1936 the Hon. Sir George Murray, K.C.M.G., Chancellor of the University, gave £10,000 for a building for the Men's Union. The building provides accommodation for undergraduate activities, offices for the secretary and the Students' Representative Council, and a room specially assigned to graduates.

Lunch, morning and afternoon tea, and dinner may be obtained at the refectory by members of the Union. The funds for this building were given by members of the Council and staff of the University and by leading citizens. The cloisters connected with the buildings are a University war memorial to those who served in the 1914-18 war.

The affairs of the Union are managed by the Union Council.

The Graduates' Committee, the functions and responsibilities of which are more fully stated above, controls affairs relating specially to graduates.

The Women's Union Committee controls the Lady Symon Building and affairs relating to women students.

The George Murray House Committee of the Students' Representative Council controls the George Murray Building and the Students' Representative Council controls affairs relating especially to men students as well as general student affairs.

### The Adelaide University Women's Union.

Founded July, 1909.

The object of the Union is to promote the common interests of, and to form a bond of union between, past and present women students, and several reunions are held during the year.

The women students now belong to the University Union, but have their own committee of management, known as the Women's Union Committee, to deal with matters relating exclusively to women members of the Union. Payment of the statutory annual fee entitles any woman student to membership of the Union and to the use of the Lady Symon Building.

#### **Adelaide University Students' Representative Council.**

The Students' Representative Council is elected by students in August of each year. It is the co-ordinating body for all student activities and is a constituent member of the Adelaide University Union. Its main object is to foster a fuller and more vigorous student life, and it acts as a liaison body between student societies and organizations and the University Union and University authorities.

It publishes the student paper "On Dit" and an annual University magazine. It also organizes 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 and University Colleges with a membership of some 27,000. The National Union represents students in discussions with Commonwealth Government authorities and the Australian Vice-Chancellors' Committee. Among its annual activities are a National Student Congress, a National Drama Festival, Intersarsity Debates and a National Art Exhibition.

The Students' Representative Council Office is situated at the eastern entrance of the Refectory.

#### **Adelaide University Sports Association.**

The Sports Association was formed in 1897, and now includes, as amalgamated clubs, lacrosse, boat, pennant tennis, table tennis, athletics, football, cricket, rifle, baseball, golf, hockey, swimming, boxing and wrestling, rugby, soccer, men's basketball, badminton, women's tennis, women's hockey, women's athletics, women's swimming, women's cricket, and women's basketball and softball clubs, and, as an affiliated club, the non-pennant tennis club.

Its objects include the furtherance of the interests of amateur sport and of University life in general, the care and management of the University Oval and other playing fields, and the control of the constituent clubs. The inter-University sports and the award of Blues are its special province.

The management of the Association is vested in a General Committee, consisting of a President, Deputy-President, Honorary Treasurer, Honorary Assistant Secretary, two representatives appointed by the Council of the University, one representative appointed by the Graduates' Association, four representatives of the Colleges (one appointed by each of St. Mark's, St. Ann's, Aquinas and Lincoln Colleges), a representative appointed by the University Union, a representative of the life members of the Association, the honorary secretary of each amalgamated club, and the Registrar or some per-

manent official of the University appointed by the Council. There is also a permanent Secretary, who attends at his office at the Union Building from 9 a.m. to 5 p.m. daily, Saturdays excepted.

Membership is open to graduates of the University of Adelaide, or of any other recognised University, and undergraduates of the University of Adelaide, or any person who has taken, or is attending lectures for the purpose of taking, a diploma or certificate of the University of Adelaide.

Membership of the Association entitles the member to take full part in the activities of any or all of the Association's constituent clubs, including the use of the oval, the boats and boathouse, and the material used in the various games. The Association thus provides ample facilities for participating in an important aspect of student life.

### **University Sports Ground.**

For many years the Adelaide City Corporation has leased a recreation ground of 10 acres of park lands to the University, in 1946 it leased an additional 9 acres, and in 1954 a further 2½ acres of such land to meet the needs of the greatly increased numbers of University students wishing to take part in the activities of the University Sports Association. All grounds so leased are in constant use by the various clubs of the Association.

A boathouse and a pavilion were erected in 1910. Mr. Barr Smith gave £750 for the erection of the boathouse, and 12 donors (R. Barr Smith, T. E. Barr Smith, F. J. Fisher, Chas. Goode, John Gordon, R. T. Melrose, C. H. Angas, A. J. Murray, Sir George Murray, S. S. Ralli, T. Scarfe, Sir Ernest Shackleton, C.V.O., and the Right Hon. Sir Samuel Way, Bart.) gave £100 each towards the erection of the pavilion. Many members of the University and other friends also subscribed to the fund for general purposes.

A footbridge across the River Torrens, provided in 1937 by the Misses Lily and Eva Waite, gives direct access from the Union buildings to the recreation grounds.

The Sports Association also controls, with the Director of the Waite Agricultural Research Institute, a recreation reserve of fifteen acres at Waite Park, Glen Osmond. An oval and hockey field have been established on this ground, and a dressing-shed erected.

### **The Australian Student Christian Movement in The University of Adelaide.**

Founded 1890. Reorganised 1896.

The Student Christian Movement is a member body of the World Student Christian Federation.

The aims of the Movement are to confront students with Jesus Christ and His Gospel and to lead them to commit themselves to Him and His way of life; and further, to help them to grow in His likeness and in the understanding of the Christian faith, as well as to unite them in the fellowship of the Church and in the devotion of their whole lives to the service of the Kingdom of God.

The movement welcomes into its Fellowship of worship, study and service, all students, teachers and others who seek God and the truth by which to live.

The Movement arranges periodical conferences, addresses and discussion groups on matters pertaining to the Christian faith as well as social functions and regular morning devotions.

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

#### **Adelaide University Aquinas Society**

The aims of the Society are twofold:

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

Mass is offered each first Friday in the Union Buildings at 5 p.m. and the Rosary is said in the Society's room each day at lunch time and 5 p.m. An Inaugural Mass is celebrated during orientation week, a retreat is conducted towards the end of the second term, and during the year the members assemble for the Annual Communion and on University Sunday and Monastery Sunday for religious exercises.

In addition the Society provides for other occasions when Roman Catholic graduates and undergraduates may gather together and enjoy themselves socially. Such occasions are the summer camp at Christie's Beach to which Freshers are especially invited, the Freshers' Welcome, Annual Ball, informal dances and hikes.

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

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

#### **The Adelaide University Evangelical Union.**

The Evangelical Union is a branch of the Inter-Varsity Fellowship, a world-wide association of students formed in 1919 as a development of the Inter-Collegiate Christian Union founded in Cambridge in 1877. Its objects are to uphold the Christian faith, to provide Christian fellowship, and to present the Christian gospel to University students. Members have a personal knowledge and faith in Jesus

Christ as Saviour, Lord and God; and claim this knowledge and faith to be the only sure anchorage of life and thought in an uncertain world. They believe His Gospel to be clearly set out in the Bible, and turn to the Scripture for guidance in all matters of Christian faith and conduct.

Weekly Bible study circles, lunch-hour addresses, and daily prayer meetings are held throughout the academic year. The Union also arranges Missionary Teas during term and end-of-term house parties.

The Annual Conference of the Inter-Varsity Fellowship in Australia is held in one of the State capitals in January. All students are welcome at any of these activities. Further inquiries can be made at the Evangelical Union Room in the George Murray Building or from the President or the Secretary.

### **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 interference with University studies and activities.

Special arrangements exist whereby the engineering training of the Regiment's assault pioneer platoon is accepted by the Faculty of Engineering in partial satisfaction of the requirements in practical experience for the degree of Bachelor of Engineering.

All undergraduates, non-graduating students and members of the School of Mines and of the Adelaide Teachers' College are eligible to enlist in the Regiment. Enlistment is for two years in the first instance, and involves a minimum of seven days' home training and fourteen days' camp training a year, of which a large proportion can be done in the vacations.

National Service trainees who are undergoing full or part-time courses at the University, Teachers' College or School of Mines, are normally drafted to the unit on completion of their initial period of full-time Army Training.

The Headquarters of the Regiment is at the rear of the Physics Building. The Commanding Officer is Lt.-Col. J. A. Maitland, O.B.E., E.D., LL.B., and the Adjutant Capt. J. C. Hughes, M.C.

### **Adelaide University Squadron**

The Squadron is a Citizen Air Force Squadron in the Royal Australian Air Force and has been operating for four years. Since the Squadron's inception, two courses have graduated. Thirty-three Cadets graduated from No. 1 Course in May, 1953, and 10 Cadets graduated from No. 2 Course on the 6th November, 1954. On graduation from the Squadron, members are eligible for appointments in the Permanent Air Force, Citizen Air Force Squadron or General Reserve.

The Squadron establishment is as follows:



Flight	No. of Members	Faculty
"A" Flight (Medical)	15	Medicine, Dentistry, Pharmacy
"B" Flight (Equipment, Accounting)	10	Economics, Science
"C" Flight (Administrative, Education and Intelligence)	10	Arts, Economics, Education, Law
"D" Flight (Technical)	25	Science, Engineering
"E" Flight (Radio)	15	Science, Engineering

Home training parades are held on Tuesday nights during the academic year with the exception of a period of approximately six weeks before the University examinations when the parades are voluntary. A continuous training camp is held every year, usually during the month of January, for a period of 14 days. For instance, during the month of January, 1954, Medical Flight Cadets carried out their annual camp at Laverton, Equipment/Accounting Flight at No. 1 S.D. Tottenham, Administrative Flight at Rathmines, N.S.W., Technical Flight at Laverton, and Radio Flight at Ballarat.

The Cadets are enlisted for two years with the Squadron during which they must carry out 28 days home training and 28 days continuous training. At the completion of training, final examinations are held and subject to passing these examinations and reaching certain other standards, the Cadets are commissioned and placed on the General Reserve for a period of five years.

Three ex-cadets of No. 1 course who were appointed to commissions on the General Reserve, have been re-appointed to the Squadron as active Citizen Air Force part-time instructors; one has been appointed as Flight Commander, Equipment/Accounting Flight, one as part-time Adjutant and the other as an Instructor for Technical Flight.

University undergraduates who have not yet carried out their National Service Training would be well advised to apply to do it with the R.A.A.F. if they wish to join the Squadron.

#### Adelaide University Arts Association

The Arts Association is the co-ordinating body for the activities of the various organizations within the Faculty of Arts, such as the French, German, Poetry, and Philosophy Clubs. The Association aims to promote the welfare and cultural interests of Arts students and others, by sponsoring combined evenings in which the affiliated clubs participate, and by inviting distinguished speakers to the University.

An annual dinner is held in the second term, which all members may attend.

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 society annually offers for competition a prize of £1 1s. for the best debater during the current year, in addition to any other special prizes donated.

### 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.

### **Social Science Students' Association.**

The aim of the Association is to encourage and foster interest in Social Science as a profession and friendship between the students of Social Science in the University.

The Association holds meetings and week-end conferences with guest speakers on topics of special interest to intending social workers, the students being encouraged to mix socially and to exchange ideas.

### **Anthropological Society of South Australia.**

The Society was formed in June, 1926. Its objects are:—

- (1) the study of anthropology with special reference to the aborigines of Australia; and
- (2) the effective means for their preservation.

The Society consists of Members, Honorary Members, and Honorary Correspondents. All those interested in Anthropology are eligible; new members must be nominated by two members, and are elected by ballot.

Meetings are held monthly, at the University, throughout the year except in December and January.

President: Mr. M. J. Barrett.

Hon. Secretary: Mr. B. D. Hill, c/o Elder Laboratory, Adelaide Children's Hospital, North Adelaide.

### **The Classical Association of South Australia.**

President: Professor J. A. FitzHerbert.

Hon. Secretary: A. French, M.A., The University.

The objects of the Association are:—

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

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

### **The Economic Society of Australia and New Zealand (South Australian Branch).**

The Society was founded as a result of a resolution of Section G of the Australasian Association for the Advancement of Science at its Adelaide meeting in 1924. The South Australian Branch was founded at the University on 21st August, 1925.

Its chief object is the advancement of economic knowledge by

- (a) the publication of research work;
- (b) the discussion of economic problems.

The Central Council of the Society publishes a journal twice annually called *The Economic Record*.

The Society holds about nine 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 £1 15s. for ordinary members and £1 2s. 6d. for student and non-resident 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. L. Mathews, B.Com.

Hon. Secretary and Treasurer: J. G. Head, B.Ec., The University.

#### The Medical Sciences Club of South Australia.

This society was founded in 1920 for the purpose of enabling those interested in the sciences fundamental to medicine to meet together from time to time for the purpose of discussing brief communications by members. Abstracts of the communications presented to the Club are duplicated and circulated to members and are forwarded by the Secretary to *The Medical Journal of Australia* for publication therein.

*The Australian Journal of Experimental Biology and Medical Science* was founded by the Club in 1924, but since its endowment in 1926 by Sir Joseph Verco, responsibility for the Journal has been accepted by the University.

Meetings are held at 8 p.m. on the first Friday of every month, March to December inclusive, except those which fall on a public holiday.

The members of the executive committee, consisting of the President, Vice-President, Secretary and Treasurer, and five Councillors, are elected by nomination and ballot at the first meeting of each year. The amount of the annual subscription is 7/6. Members receive *The Australian Journal of Experimental Biology and Medical Science* if they desire it, on payment of an additional fee of £1. The subscription to the Journal for non-members is £2 per annum.

New members must be proposed by two members in writing to the Secretary, and such nominations are announced by the Secretary at the next general meeting. The names of new members thus nominated are submitted by the Secretary, together with the notifications of the next succeeding meeting, at which the nominations are confirmed or rejected by ballot, a three-fourths majority of members voting being required to elect.

President: Professor D. G. Catcheside, D.Sc., F.R.S.

Hon. Secretary: P. Nossal, Ph.D., M.Sc., The University.

**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 Mark L. Mitchell; Co-Editor, Professor G. M. Badger.

PUBLIC EXAMINATIONS IN THEORY AND  
PRACTICE OF MUSIC  
REGULATIONS

1. Public Examinations in the theory and practice of Music shall be held in the city of Adelaide and at such local centres and other places as the Council may determine; these examinations shall be held at such times as the Council may direct.

2. Candidates shall be admitted to the examinations without restrictions as to age or sex.

3. The Faculty of Music, or some other body to be duly constituted shall, with the approval of the Council in each instance, make all necessary arrangements for the holding of the examinations, appoint examiners and determine their tenure of office and the duties to be performed by them, determine the scale of remuneration to be paid to the examiners, the fees and charges to be paid by candidates for the examinations, and settle other details incidental to the holding of the examinations.

4. Schedules defining as far as may be necessary the range of the examinations shall be published not later than the 31st day of January, in each year.

Allowed 8th August, 1906.

LICENTIATE IN MUSIC FOR TEACHERS AND  
EXECUTANTS

NOTE.—The Syllabus for these Examinations is published in a separate pamphlet for free distribution. Copies may be obtained on application to the Registrar.

PUBLIC EXAMINATIONS (MUSIC) SCHOLARSHIPS  
AND PRIZES  
REGULATIONS

SCHOLARSHIPS

1. Two scholarships, tenable for three years, one in the theory and the other in the practice of music, shall be offered annually at the examinations of the Australian Music Examinations Board held in South Australia.

The scholarship in theory of music shall exempt the holder from payment during the tenure thereof of all fees for lectures and examinations in the course for the degree of Bachelor of Music.

The scholarship in practice of music, of the total value of £50, shall, subject to the conditions in these regulations, be paid in equal instalments at the beginning of each year of tenure. The scholar must devote the proceeds of the scholarship to his further education in the practice of music, and he may receive instruction from any teacher or in any institution approved by the Council. The first payment shall be made on the production of a certificate from a

teacher of music or an institution previously approved by the Council, that the scholar has duly enrolled for instruction.

\*2. Candidates who at either the May or September examinations obtain honours or credit in the Seventh Grade in theory, and have also passed an examination in practice of music of the standard of the Fifth Grade at least, shall be eligible to compete for the scholarship tenable in the course for the degree of Bachelor of Music, and candidates who obtain honours or credit in the Seventh or Sixth Grade in the practice of music, and have also passed an examination in theory of music of the standard of the Fourth Grade at least, shall be eligible to compete for that awarded for the practice of music. The scholarships shall be awarded to the candidates showing the greatest musical promise at a special examination to be held in November or December each year. Candidates who are eligible must enter for the special examination on the prescribed form on or before 1st November, and sign an undertaking that they will accept the scholarship and conform to the conditions prescribed if elected. The fee for the special examination shall be 10s. 6d.

3. No candidate shall be eligible to compete for either of these scholarships who holds, or has held, a scholarship or prize tenable for three years for the same subject at the Elder Conservatorium, or who has passed the first year of the course either for the Diploma in Music or for the degree of Bachelor of Music.

No person shall hold more than one of these scholarships at the same time, and a scholarship shall not be awarded a second time to the same candidate for the same subject.

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

For Singing, Organ, and Violoncello	- - -	24 years
For Pianoforte and Violin	- - -	21 years
For Theory of Music	- - -	25 years

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

5. In the event of only one candidate being eligible to compete for either scholarship, the Council may, on the recommendation of the examiners, dispense with the special examination.

6. Every holder of a scholarship tenable for the degree of Bachelor of Music, shall, each year, present himself for the appropriate examination, and every holder of a scholarship tenable for the practice of music shall, at the end of the first or second years of its tenure, present a satisfactory certificate of progress and regularity of attendance from his teacher. Furthermore, he shall, if required, give practical proof of such progress. Failure to pass any such examination or test, or to present such certificate, shall forthwith determine the tenure of the scholarship, unless the Council shall otherwise decide.

7. A scholarship may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

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



## PRIZES

8. Each year a sum of not more than £55 will be awarded in prizes in the various grades of theory and practice of music, of musical perception, and of the art of speech, to candidates adjudged by the examiners as showing outstanding ability and promise. The recommendations shall be set out in a report by the examiners to the Music Examinations Board, which will make recommendations to the Council of the University.

9. The awards shall be distributed over as many grades as may be considered advisable with the object of encouraging promising pupils at all stages of the A.M.E.B. scheme.

\*10. No candidate shall be considered in these awards whose age is not given on the examination entry form. Unless in exceptional circumstances, prizes shall not be awarded in pianoforte or violin in the First, Second, Third, Fourth and Fifth Grades to candidates who have attained the ages of 10, 12, 13, 14 and 15 years respectively on the thirty-first day of December in the year of the examination. No candidate shall be awarded a prize more than once in the same grade.

11. If at any time it is deemed by the Board to be necessary a special examination will be held to decide an award.

## LICENTIATE PRIZE

12. A prize of fifteen guineas shall be awarded each year to the best South Australian candidate who passes as an executant in the Licentiate Examination (Music); provided that if the examiners report that no candidate is of outstanding merit the prize shall lapse for that year.

13. The prize shall not be awarded to the same person more than once.

\* Allowed December, 1948

Regulations 1, 3, 4, 5, 6 and 7 allowed 30th November, 1933. Regulations 8, 9, 11, 12 and 13 allowed 11th December, 1941.

## Awards

## SCHOLARSHIPS—

For previous Awards, see Calendars from 1910.

- 1949 Griggs, Michael (Practice)
- 1950 {Edgar, Heather Mary (Theory)
- {Leonard, Mary J. (Practice)
- 1951 Stubbs, Ruth Margaret (Practice)
- 1952 Forsyth, Jeanette (Practice)
- 1953 {Curry, Audrey Frances (Practice)
- {Stubbs, Ruth Margaret (Theory)

## LICENTIATE PRIZE—

For previous Awards, see Calendars from 1942.

- 1948 Altschwager, Heather Mary
- 1949 Knowling, Gwenda
- 1950 No award
- 1951 No award.
- 1952 Griggs, Arden Michael
- 1953 No award

## PRIZES—

For previous Awards, see Calendars from 1945

## Awards in 1951:

(a) *Practice of Music.*

Seventh Grade: Forsyth, Jeanette  
Eckermann, Frances

Sixth Grade: Mullins, Margaret  
Gibson, Elaine

Fifth Grade: Hocking, Anne  
Jewell, John  
MacPhee, Wendy Jean  
Raven, Junita  
Thiele, Melva Joyce

Fourth Grade: Porter, James Lincoln  
Robertson, Anne  
Kaesler, Joy Marlene  
Walton, Geoffrey Norman

(b) *Theory of Music.*

Sixth Grade: Burford, Mary

## Awards in 1952:

(a) *Practice of Music.*

Seventh Grade: Tobin, Ashley Hambridge  
Lindh, Carlene Margaret

Sixth Grade: Raven, Junita Margaret

Fifth Grade: Lawlor, Laurence  
Jericho, Olga Josephine  
Porter, James Lincoln  
Gare, Janet Ann

Fourth Grade: Pitcher, Alison  
Barratt, Lindsay John

Third Grade: Johnson, Annetta Lindsay  
Porter, David  
Smith, Jeremy Wesley

(b) *Theory of Music.*

No award

## Awards in 1953:

(a) *Practice of Music.*

Seventh Grade: Tobin, Ashleigh Hambridge  
Chappell, Glenys Melba  
Porter, James Lincoln  
Jewell, John

Sixth Grade: Zweck, Coral Joan  
Smith, David Aitchison  
Kaesler, Joy Marlene

Fifth Grade: Pahl, Peter John  
Barratt, Lindsay John

Fourth Grade: Johnson, Annetta Lindsay  
Porter, David  
Ellis, Maureen Elizabeth

(b) *Theory of Music.*

No award.

#### **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.

CALENDAR  
OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR 1955

PART III

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## ANNUAL REPORT FOR THE YEAR 1954

To His Excellency, Sir Mellis Napier, K.C.M.G., LL.B., 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 1954:

### 1. THE COUNCIL AND THE SENATE

In November Mr. A. Fairweather, Sir William Goodman, Mr. C. E. S. Gordon, the Honourable Mr. Acting Justice Hannan, and Professor Sir Douglas Mawson retired from the Council by effluxion of time. An additional vacancy was caused by the death of Dr. G. H. Burnell. Mr. Fairweather and Sir William Goodman did not seek re-election, and the Senate elected Mr. C. E. S. Gordon, the Honourable Mr. Acting Justice Hannan, Professor Sir Douglas Mawson, the Reverend W. F. Hambly, Dr. K. S. Hetzel and Mr. R. A. Simpson to fill the six vacancies. It also re-elected the Honourable Mr. Justice Ligertwood its Warden and Mr. V. A. Edgeloe its Clerk.

Sir William Goodman had been a member of the Council since 1913, and Chairman of the Finance Committee from 1936 until 1953. During his active association with the University there were two periods of marked expansion and growth, one in the decade following World War I when the Waite Institute was founded and the Darling, Physics, and Union Buildings were raised on the North Terrace site, and the other in the years following World War II when the new Medical School, the new Engineering Buildings, the Arts Building and the Mawson Laboratories were provided, and additions to the Physics and Chemistry Buildings and substantial alterations to almost every other building in the University were made. In this development and expansion of the University's physical resources and of the concomitant financial provision Sir William Goodman played an important part.

Mr. Fairweather had been a member of the Council since 1947. Precluded by other obligations from being a regular attendant at Finance Committee and Council meetings, Mr. Fairweather nevertheless gave valuable service to the University, especially in matters associated with investments and the Engineering School.

### 2. OBITUARY

The Council records with deep regret the deaths during the year of Mr. A. W. Bampton, the Registrar, Dr. G. H. Burnell, a member of the Council, Mr. J. F. Ward, a former member of the Council, Professor G. V. Portus, Emeritus Professor of History and Political Science, Professor F. Wood Jones, former Professor of Anatomy, Mr. N. W. Jolly, and Mr. R. H. M. Lea.

Mr. Bampton joined the administrative staff of the University in 1924 as Accountant. On the retirement of Mr. F. W. Eardley at the end of 1944 he was appointed Registrar and Accountant, a dual office which he filled until 1951. The decade of Mr. Bampton's Registrar-

ship saw a remarkable growth of the University—in students, staff, buildings and equipment, and corresponding development in the number and variety of courses provided for students. In that time the University more than doubled in all respects, and the Council records its appreciation of Mr. Bampton's contributions to the administrative work of the University throughout such an important decade in its history.

Dr. Burnell was a member of the Council for only six years, but in that time had served the University well as a member of the Finance Committee, of the Faculty of Medicine and of many special committees associated with the Medical School, and as a representative of the University on the Advisory Committee for appointments to the Honorary Staff of the Royal Adelaide Hospital, on the Medical Board of South Australia, and on the Council of the Institute of Medical and Veterinary Science.

Mr. J. F. Ward had been a member of the Council from 1937 until 1949. His special interests lay in the work of the Public Examinations Board, for which he was an Assessor at the Intermediate Examination, of the Board of Studies in Physical Education, and of the University Sports Association. In 1951, at the invitation of the Council he began work on a History of the University, but for personal reasons he had to relinquish that task after making a substantial beginning on it.

Professor Portus had occupied the Chair of History and Political Science from 1934 until 1950. Throughout the seventeen years of his professorship—and indeed until his death—he had taken a vital and active interest in the general student life of the University quite apart from his normal work as a Professor and Head of a teaching department with one of the largest numbers of students and one of the smallest staffs in the University. Despite this burden he produced over the years a steady flow of publications which established his reputation among historians overseas (American and Canadian as well as British) and led to his appointment as Advisory Editor of one of UNESCO's major projects—The cultural history of mankind.

Professor Wood Jones held the Chair of Anatomy from 1920 until 1927. Subsequently he occupied the Chair of Anatomy in the University of Melbourne and important academic offices in the United Kingdom. His reputation as an anatomist and anthropologist was world-wide.

Mr. Jolly was the first Rhodes Scholar from South Australia in 1904 and had been Professor of Forestry in the University for one year in 1926.

Mr. Lea had been a member of the Anti-Cancer Committee since 1947. In that capacity he had given valuable help in the Committee's public appeal for £100,000 in 1951.

### 3. RETIREMENTS AND RESIGNATIONS

Professor A. Killen Macbeth retired at the end of the year from the Angas Chair of Chemistry to which he had been appointed in 1928 in succession to the late Professor E. H. Rennie who had held the

Chair from its inception in 1884 until 1927. Apart from his primary work in the general teaching and research of his Department, Professor Macbeth made a special contribution to the pharmaceutical services of the State. In 1932, under his direction, the University established, in close collaboration with the Pharmacy Board and the Pharmaceutical Society of South Australia, a four-year course leading to a Diploma in Pharmacy. As with all other courses in the University, changes and developments have been made constantly in the curriculum of the diploma course to meet changing conditions, and the present course of training for pharmaceutical chemists in South Australia is widely regarded as excellent. Professor Macbeth was elected a member of the Council in 1942; he still retains that office, and as a token of its appreciation of his services the Council has conferred upon him the title of *Professor Emeritus*.

Resignations during the year included the following: Mr. H. W. Piper, Reader in English, on appointment to the Chair of English in the University of New England; Dr. F. L. Milthorpe, Senior Plant Physiologist at the Waite Institute, on appointment to the Chair of Agricultural Botany in the University of Nottingham; Mr. J. P. Duncan, Senior Lecturer in Mechanical Engineering, in order to undertake full-time research at the University of Manchester under a Fellowship from Imperial Chemical Industries; Dr. D. W. C. Shen, Senior Lecturer in Electrical Engineering; Mr. K. A. F. Sainsbury, Lecturer in Political Theory; Mr. U. T. Place, Lecturer in Psychology; Mr. D. C. Muecke, Lecturer in English, on appointment as Senior Lecturer in charge of English in the Newcastle University College; Dr. S. Clare, Lecturer in Zoology; Dr. H. Lander, Lecturer in Pathology; Dr. M. G. Taylor, Research Fellow in Medicine; Dr. J. R. Barbour, part-time Lecturer in Anatomy since 1946; and Mr. F. H. Johnson, Senior Administrative Assistant in the Registrar's Department, on appointment as Assistant Registrar in the University of Western Australia.

#### 4. NEW STAFF

Mr. C. M. Donald, Assistant Chief of the Division of Plant Industry in the Commonwealth Scientific and Industrial Research Organisation, was appointed Professor of Agriculture and Head of the Department of Agronomy in the Waite Agricultural Research Institute. A graduate of Hawkesbury Agricultural College and of the University of Sydney with first class Honours in Agricultural Science, he joined the Council for Scientific and Industrial Research in 1934 and worked for five years at the Waite Institute on mineral deficiencies of soils. In 1939 and 1940 he was abroad—in Great Britain, the United States, and New Zealand—under the Thomas Lawrence Pawlett Scholarship of the University of Sydney; on his return he joined the C.S.I.R. Division of Plant Industry and was seconded to the Rural Division of the Department of War Organisation of Industry until the end of the war. In his personal research Professor Donald has been concerned mainly with mineral nutrition of plants, studies on strain variation in pasture plants, and pasture competition. From 1951 until his present appointment he directed

a programme of team study on fertility trends under various systems of land use. He assumed duty in April.

Dr. G. M. Badger, Reader in Chemistry, was appointed to the Chair of Organic Chemistry on the retirement of Professor A. Killen Macbeth at the end of the year. A graduate of the University of Melbourne, Professor Badger undertook research in Organic Chemistry at the Royal Cancer Hospital, London, before the War. After War Service in the Royal Navy he was appointed a Research Fellow in the University of Glasgow in which he was awarded the degree of Doctor of Science in 1949 when he was also appointed Senior Lecturer in Chemistry in Adelaide. In his research work Professor Badger has been chiefly concerned with medical aspects of Organic Chemistry and with the relationship between chemical constitution and biological action. He has published more than eighty scientific papers, many of which have been concerned with cancer-producing and tumour-inhibiting compounds; and in 1954 the Cambridge University Press published a book by him on the structures and reactions of the aromatic compounds.

Dr. T. D. Campbell's appointment as Full-time Director of Dental Studies was raised to the status of a Chair in the University. Professor Campbell has been associated with the Dental School of the University since 1925, when he was appointed a part-time Lecturer in Dental Anatomy. At that time and until the end of 1948 he was Superintendent of the Dental Hospital; his appointment as full-time Director of Dental Studies in the University became effective at the beginning of 1949. Professor Campbell's work on the teeth of Australian aborigines is internationally known; and he has taken a prominent part in many of the University's anthropological expeditions into Central Australia.

New appointments of staff of sub-professorial status included the following: Dr. R. P. Draper and Mr. K. G. W. Cross, Lecturers in English; Dr. E. C. Forsyth, Acting Lecturer in French; Mr. L. C. Lynton Blair, Lecturer in Government and Public Administration; Dr. A. J. deB. Forbes, Lecturer in Political Theory; Dr. A. W. Meadows, Senior Lecturer in Psychology; Dr. J. M. Creeth, Senior Lecturer in Inorganic and Physical Chemistry; Dr. P. S. Hossfeld, Lecturer in Geology; Dr. H. G. Andrewartha, Reader in Animal Ecology in the Department of Zoology; Mr. F. M. Collins, Lecturer in Bacteriology; Mr. K. P. McKenna, Lecturer in Anatomy; Dr. P. R. Hodge, Lecturer in Pathology, Dr. R. G. Gold, Acting Lecturer in Pathology; Dr. H. Lander, full-time Assistant to the Professor of Medicine; Mr. J. A. Cran, Reader in Dental Surgery and Pathology; Miss Mary Jury, a graduate of the University of Toronto, Lecturer in Social Science; Messrs. H. J. Buchan and L. N. Shaw, Senior Administrative Assistants on the Registrar's staff.

At the Waite Agricultural Research Institute Dr. K. W. Finlay was appointed Senior Plant Breeder and Crop Geneticist, Mr. R. Knight Plant Breeder and Crop Geneticist, and Mr. K. P. Barley Agronomist.



## 5. PERSONAL

The Vice-Chancellor, in his capacity as Chairman of the Australian Vice-Chancellors' Committee, attended the meeting of the Executive Committee of the Association of Universities of the British Commonwealth held in Queen's University, Kingston, Ontario, Canada, in August.

Professor J. A. Prescott was awarded the Mueller Medal by the Australian and New Zealand Association for the Advancement of Science; the Librarian, Mr. W. A. Cowan, was awarded a Carnegie Grant to enable him to visit libraries in the United States during his Study Leave; Dr. R. B. Potts, Senior Lecturer in Mathematics, was awarded a Fulbright Grant under which he proceeded to the University of Maryland in the U.S.A. for advanced study in Applied Mathematics; Dr. J. C. Ward, Senior Lecturer in Mathematical Physics, accepted an invitation to work in Princeton University for a year; and Dr. P. Nossal, Reader in Biochemistry, was awarded a Rockefeller Fellowship under which he will visit the United States for six months in 1955.

Professors D. G. Catcheside, L. G. H. Huxley, Sir Douglas Mawson and J. A. Prescott were foundation fellows of the Australian Academy of Science, and Professors H. S. Green, W. P. Rogers, and J. G. Wood were subsequently elected Fellows.

Professor A. N. Jeffares and Dr. A. Grenfell Price were foundation members of the Australian Humanities Research Council; Professor J. S. Robertson was appointed a member of the Medical Research Advisory Committee of the National Health and Medical Research Council; Professor T. D. Campbell was elected a Fellow in Dental Surgery of the Royal College of Surgeons, Edinburgh; Professor L. G. H. Huxley was elected President of the Australian Branch of the Institute of Physics, and was President of Section A of the meeting of the Australian and New Zealand Association for the Advancement of Science in 1954; and Professor H. N. Robson was elected a Fellow of the Royal Australasian College of Physicians. Professor Robson also gave the Listerian Oration for 1954 to the British Medical Association in South Australia.

Professor P. H. Karmel gave the G. L. Wood Memorial Lecture to a combined meeting of the Victorian Branch of the Economic Society and the Commerce Graduates' Association of the University of Melbourne. Mr. R. L. Mathews gave the Australian Society of Accountants Research Lecture in the University of Sydney for 1954; he also gave one of the main papers at the Australian Society of Accountants Congress in Adelaide.

At the invitation of the School of Germanic Languages in the University of Melbourne, Mr. B. Coghlan gave a short course of lectures on Modern German Literature and a Public Lecture on Western Germany in that University; and Professor Jeffares gave a course of ten lectures in the University of Sydney at the invitation of the English Department.

Mrs. A. G. Wheaton, Lecturer-in-Charge of Social Science, accepted an invitation to join the Planning Committee of the National Seminar

in Health Education to be held in Canberra during January 1955; the Seminar was jointly sponsored by the World Health Organisation of the United Nations and the Commonwealth Department of Health.

A notable publication during the year was Dr. P. S. Hossfeld's account of the Stratigraphy and Structure of the Northern Territory of Australia in the Transactions of the Royal Society of South Australia.

#### 6. COMMEMORATIONS WITHIN THE UNIVERSITY

In order to commemorate the outstanding contributions to the work and development of the University of three former members, the Council decided to name the road from the Frome Road Gates to the Barr Smith Library "Mitchell Avenue," the crescent between the Administration Building and the Bonython Hall "William Goodman Crescent," and the road running diagonally through the Waite Institute "Walter Young Avenue." Suitable bronze plaques will be placed in appropriate sites bearing the following inscriptions:

##### MITCHELL AVENUE

so named in honour of  
Sir William Mitchell, K.C.M.G.,  
Professor 1894-1922  
Vice-Chancellor 1916-1942  
Chancellor 1942-1948

##### WILLIAM GOODMAN CRESCENT

so named to record  
the University's appreciation of the services of  
Sir William Goodman  
for more than 40 years a member of the  
Council and for 18 years Chairman of its  
Finance Committee  
1913-1954

##### WALTER YOUNG AVENUE

so named in memory of  
Sir Walter Young, K.B.E.,  
who as a member of the University Council  
and Chairman of its Committee of Management  
of the Waite Agricultural Research Institute  
nurtured the growth of the Institute  
during its first decade  
1924-1937

#### 7. ACCOMMODATION

A noteworthy addition to the accommodation of the University was provided by friends of the late Mr. Napier Birks who met the cost (£2,000) of providing and equipping The Napier Birks Room for Economics, Commerce and Statistics in the Department of Economics

as a memorial to Mr. Birks. Decorated, lighted and furnished in modern style and adequately equipped with shelving for journals, calculating machines and working desks the room is a worthy memorial and a show piece of what a modern room for such a purpose should be. It was officially opened by the Chancellor on the 22nd September; and a plaque with the following wording has been placed in an appropriate site—

The Napier Birks Room  
for  
Economics, Commerce  
and Statistics

Dedicated to his memory and furnished  
and equipped by his friends in 1954

Financed by grants of £50,000 from the State Government and of £14,000 from the Commonwealth Department of Commerce and Agriculture for capital expenditure on a research project, the University began the completion of the fourth floor of the Medical School. The additional accommodation thus provided will enable the University Department of Bacteriology to be transferred from the Institute of Medical and Veterinary Science to the Medical Building, thus achieving a desirable collation of the Departments of the Medical School and at the same time freeing a substantial area in the Institute needed by the Institute for its own work and staff. Building is in progress and, it is hoped, will be completed before the beginning of the academic year in 1956.

The Department of Genetics under Professor D. G. Catcheside, F.R.S., was transferred in May from the Waite Institute to laboratories in the Western end of the Physics Building. While the teaching and research in Pure Genetics will now be done at North Terrace, the work in Crop Genetics and Plant Breeding which is more closely allied with the other work of the Institute will be undertaken by a Senior Lecturer and a Lecturer within the Department of Agronomy at the Institute.

A room in the Mawson Laboratories was assigned for the use of the Department of Geography; internal alterations were made in the Benham Building for the Departments of Botany and Zoology; the Department of Medicine was reasonably accommodated in the Old Laboratory Building in the Royal Adelaide Hospital; and plans were approved for more adequate accommodation for the Physiotherapy Department in the Hospital.

#### 8. GIFTS AND BEQUESTS

The late Miss Emma Jeffress bequeathed to the Anti-Cancer Committee the residue of her estate, estimated at about £5,000.

The Commonwealth Bank made a grant of £5,000 from its Rural Credits Fund for capital expenditure on the establishment of an Animal Ecology Unit within the Department of Zoology. The Commonwealth Scientific and Industrial Research Organisation granted £1,500 for capital expenditure and allocated £2,500 a year for five

years for running costs associated with the same project. Finally, six Adelaide firms and companies—Advertiser Newspapers Ltd., The Bank of Adelaide, Bennett and Fisher Ltd., Elder Smith & Co. Ltd., South Australian Associated Brewers, and the South Australian Farmers Co-operative Union Ltd.—each undertook to provide £100 a year for five years, thus enabling the Unit to be established on an adequate basis.

Five Mining Companies gave £500 each for the purchase of an X-ray diffraction apparatus and accessories for use in the Department of Geology; the equipment so provided is indispensable for the development of teaching and research in Crystallography, in which a special lecturer has been appointed.

A number of firms interested in concrete undertook to provide annual gifts for a period of three years, totalling about £3,000, to enable research into concrete to be undertaken by the Department of Civil Engineering; the Mining Engineering Co. Ltd. of Worcester, England, gave to the Department of Mining, Metallurgical and Chemical Engineering a valuable compressed air fan; Mrs. V. Steele presented to the Library a valuable collection of about 800 volumes of 19th century literature; Lady Bonython gave two pedestals for use in the Bonython Hall; and Mr. C. Symon presented to the University the silver trowel used by the late Sir Josiah Symon on the occasion of the laying of the foundation stone of the Lady Symon Building.

#### 9. GRADUATE AWARDS

Mr. Elliot Forsyth who graduated with honours in French Language and Literature in 1947, and Mr. Bruce Ellis who graduated similarly in 1949, proceeded to the Sorbonne in 1951 and last year were admitted to the doctorate of the University of Paris. They are, so far as is known, the first two Adelaide graduates to obtain the Paris doctorate by examination. Each publicly defended his thesis in June and was awarded the highest possible honours. Arrangements are being made for the publication of both theses, Dr. Forsyth's being subsidised by the French Council of Literary and Scientific Research.

Scholarships and awards tenable overseas were won by Adelaide graduates as follows: Mr. R. L. Reid, a Rotary International Scholarship and a Fulbright Award under which he went to the University of Minnesota; Mr. D. H. Penny, a Scholarship tenable at Stanford University; Mr. H. W. Brett, a Shell Postgraduate Scholarship; Dr. M. G. Taylor, a C. J. Martin Fellowship tenable in the United Kingdom; Mr. D. W. Howes, a Scholarship tenable at Yale University, U.S.A.; Mr. G. A. Chinner, a Scholarship at Trinity College, Cambridge; Mrs. I. M. Thomas, a Royal Society and Nuffield Foundation Commonwealth Bursary to enable her to study at McDonald College, Canada; Mr. A. J. R. White, a Studentship at King's College, London; Mr. R. Porter, the 1954 Rhodes Scholar, a British Commonwealth Scholarship in Medicine at Oxford; Mr. L. R. Amey, a Research Fellowship in the Department of Applied Economics in the University of Nottingham; Mr. E. W. Radoslovich and Dr. D. Kerr Grant, Fulbright Awards under which they have proceeded to the Pennsylvania State College and the University of Ohio respectively; Miss F. M. Gaffney, a

British Medical Research Council Grant for research at Oxford; and Mr. M. P. Alpers, a Scholarship tenable for three years at Gonville and Caius College, Cambridge. Mr. D. J. Merchant was awarded the Silver Medal of the Guildhall School of Music, London.

Mr. R. G. Opie, after a distinguished record at Oxford as Rhodes Scholar for 1951, was appointed a Lecturer in the London School of Economics, and Mr. S. G. Sturmeay a Lecturer in University College, London, while Mr. K. H. Lokan and Mr. T. R. Ophel were awarded Research Scholarships by the Australian National University.

#### 10. STUDY LEAVE

Thirteen members of the staff were abroad on study leave during some part of 1954.

With the aid of a Nuffield Foundation Dominion Travelling Fellowship, and consequently without cost to the Study Leave Fund, Dr. R. A. Barter, Senior Lecturer in Pathology, studied histochemical techniques for some sixteen months in the Post-graduate Medical School of the University of London. In particular he was associated with work on the development of the use of interference microscopy as a quantitative tool for enzymatic cytochemistry.

Dr. T. D. Campbell, now Professor of Dental Science, had not been abroad since 1937. During the six months of his study leave he visited dental schools in the United Kingdom and Scandinavia.

Dr. R. W. Crompton, Lecturer in Physics, returned in March after a year spent in England. Because of the close relationship that exists between the Physics Department's research on electrons of low energy in gases and the general problem of electrical breakdown in gases, most of his time was spent working in the laboratories of Professor F. Llewellyn Jones in University College, Swansea. He also visited the more important of those industrial and Government establishments in whose laboratories research in discharge or ionisation physics was being conducted, and attended the conference on Ionisation held at Oxford.

During the year he spent abroad, Professor H. H. Davis, Professor of Mechanical Engineering, carried on research and development work on automotive suspension systems, and studied also in the field of automatic control and mechanical vibrations. Although he worked mainly in the United Kingdom, he also visited a number of Universities, research bodies and industrial organisations on the continent of Europe, and attended a number of conferences of scientific and technical interest.

Mr. J. McB. Grant, Lecturer in Economics, spent a year in residence at the University of Cambridge. In addition to carrying out research on problems of monopoly and monopolistic practices, he examined the fields in which research is being done in order to assess their future possibilities and their relevance to Australian conditions.

Dr. D. I. B. Kerr, Lecturer in Physiology, who had left Adelaide in May, 1953, to undertake a year's research in neurophysiology in the Anatomy Department of the University of California, was expected to

return in 1954. But he was invited to work for a further year in the University of Oregon, and on the expiration of his Study Leave he was granted a period of leave without pay for that purpose.

Mr. G. M. E. Mayo, Plant Geneticist, studied population genetics for a year with Professor K. Mather in the University of Birmingham. He also visited genetics departments in several Universities in Europe, and attended the Ninth International Genetical Congress held at Bellagio, Italy.

After visiting Singapore for about a month to renew his association with eastern affairs, Mr. D. H. Pike, Reader in History, proceeded to the United Kingdom where he spent about five months searching for new material relevant to the history of the foundation of South Australia. He was able to locate a number of important records which widen the scope of his studies and connect them more closely with similar contemporary movements and with the general policies of colonial performers in England.

With assistance from sources outside the University, the Professor of Economic Geology, Professor E. A. Rudd, undertook mineral exploration studies in South Africa, Canada and the United States of America during a total period of absence of six months. In addition to calling at various Universities and other research institutions in these countries, he visited areas of mining, engineering and oil activity and investigated them from geological viewpoints. In America he was in touch with some of his own former students, undertaking postgraduate work at the Geology School of Harvard University.

Dr. D. W. C. Shen, Senior Lecturer in Electrical Engineering, was granted leave to enable him to accept a one-year appointment as Assistant Professor of Electrical Engineering in the University of Illinois; he spent the year 1954 in America working mainly on problems associated with high-power network analysers.

Dr. D. J. Sutton, Lecturer in Physics, worked for a year under Professor P. M. S. Blackett at Imperial College, London, his field of study being rock magnetism. He also attended a meeting of the Union Radio Scientifique Internationale, held in Amsterdam in August, at which one of the topics discussed was that of radio wave interaction, in which the Department of Physics is actively interested.

Most of the time abroad of Mr. I. M. Thomas, Senior Lecturer in Zoology, was spent at the Marine Biological Station in Plymouth, where he carried out research on the iodine metabolism of primitive chordates; he also visited other Marine Biological Stations where he investigated teaching methods in Marine Biology and in Comparative Physiology.

Dr. D. Van Abbe, Reader in German, spent about six months in Germany renewing his acquaintance with the language and culture of that country. He also visited Switzerland in connection with his research work on Swiss literary history, and studied teaching methods both in the United Kingdom and in Europe.

The Study Leave scheme has now operated for five years. Its value in affording to the staff contacts with current developments of thought, methods and practice in the great, distant centres of learning has proved immense. Members of the staff who have been

enabled to study the progress of their own special subjects in Europe, the United Kingdom and America have returned enriched with ideas of great value to the University. The scheme is, however, far from being self-supporting. During the past three years, the University has spent annually £6,700 on Study Leave. But many programmes of work could not have been undertaken at all without aid from external sources, and those given study leave have always had to contribute from their personal resources.

#### 11. NEW ACADEMIC WORK

In the Department of English, courses in Canadian Literature and in Australian Literature were provided for the first time as elective sections of the curriculum for the Honours degree; interim Honours courses in German were instituted, and the full Honours course in that subject will be provided in 1955. A new third-year course in Accountancy dealing with Management Accounting was instituted in the Department of Economics; a course in Advanced Genetics for Science students was given for the first time; arrangements were made to provide an Honours course in Bacteriology in 1955; a post-graduate course in Modern Methods of Structural Design and Analysis was conducted in the Department of Civil Engineering and was attended by more than ninety engineers; the courses in Electrical Engineering were revised to provide for students specialising in Electrical Engineering to have courses in that subject in each of the third, fourth and fifth years of the engineering course, but these arrangements will not become fully operative until 1956; provision was made for an examination for the Honours degree of Bachelor of Laws; and the clinical section of the medical course was re-organised to provide for annual examinations in each of the fourth, fifth and sixth years, the work in General Pathology being undertaken in the fourth year and that in Special Pathology in the fifth year.

Professor T. G. B. Osborn, who held the Adelaide Chair of Botany from 1912 to 1928, and retired from the Sherardian Chair of Botany in the University of Oxford in 1953, returned to Adelaide and gave a short course of lectures on Comparative Morphology of Gymnosperms to third-year Botany students.

The Grants from C.S.I.R.O., the Commonwealth Bank Rural Credits Fund, and six private firms referred to in section 8 enabled the Department of Zoology to establish an Animal Ecology Unit staffed by a Reader and a Senior Lecturer. The Department will now be able to undertake teaching and research which it is expected will substantially meet an Australia-wide need of increasing magnitude in recent years.

#### 12. PUBLIC LECTURES

Five public lectures were given by members of the staff during 1954, as follows: "One Hour Before Sunset", by Mr. T. G. H. Strehlow, Reader in Australian Linguistics; "Australia and the Law of Nations", by Dr. D. P. O'Connell, Reader in Law; "The Chemistry of Life", by Professor D. O. Jordan, Professor of Inorganic and Physical Chemis-

try; "The University and Commerce", by Mr. R. L. Mathews, Reader in Commercial Studies; and "Australian Agriculture: Primitive or Progressive?", by Professor C. M. Donald, Professor of Agriculture.

At the request of the South Australian Branch of the Australian Institute of International Affairs, the University joined with the Institute in sponsoring two lectures during the year. The first, the Dyason Lecture, was given in the Bonython Hall on August 5 by Mr. Justice William O. Douglas, of the United States Supreme Court, on the subject "Political and Economic Trends in South-East Asia"; and, the second, the Roy Milne Memorial Lecture, was given on October 15 by Sir Ian Clunies Ross, on "The Development of Democratic Institutions in South-East Asia: Prerequisites for Peace".

The biennial research lecture sponsored by the Australian Society of Accountants was given on June 2 by Mr. K. C. Keown, Lecturer-in-Charge of Accountancy in the Melbourne Technical College, the subject being "The Capital Structure of Australian Companies"; and the University and the Australian Committee for Cultural Freedom jointly arranged a lecture by Stephen Spender, the writer and poet, on "The Writer and Politics", on October 12.

On July 26, Sir Charles Morris, Vice-Chancellor of the University of Leeds and Chairman of the Association of Universities of the British Commonwealth, spoke on "University Problems in the Modern World"; the Joseph Fisher Lecture in Commerce was given on September 2 by Professor W. Prest, Professor of Economics in the University of Melbourne, on "The Economics of Federal-State Finance"; and the first Robin Memorial Lecture was delivered on September 24 by Sir Claude Gibb, Chairman and Managing Director of C. A. Parsons, Limited, who spoke on "The Engineer in the Community".

During the year, the Department of English arranged a series of special lectures on literary subjects, including English, American, Canadian and Australian literature. The lecturers were Dr. C. T. Bissell, Vice-President of the University of Toronto; Professor R. Gorrell, a Fulbright Lecturer and Head of the Department of English at the University of Nevada; Professor A. Mitchell, Professor of English at the University of Sydney; Mr. W. Scott, Senior Lecturer in English at the University of Melbourne; and Mr. B. R. Elliott. Professor R. Hall of Cornell University also lectured on "Pidgin English".

### 13. RESEARCH

In the physical, biological and social sciences there were 135 separate research projects, in 29 departments, on which work was done with support from the University Research Grant. The total expenditure was £44,440, of which about three-fifths was for living allowances and salaries and about two-fifths for apparatus, maintenance and associated expenses. Some 46 research workers—mostly promising young graduates with Honours degrees—were enabled to do full-time research; and they were assisted by some 18 technicians. In addition, various members of the staff received grants for apparatus and materials to be used in their own investigations.



The programme of medical research was administered by the Medical Research Committee, with funds provided partly by the income from the University's own endowments for the purpose and partly by the National Health and Medical Research Council, Canberra. Medical research is one branch of the University's activities for which no provision whatever is made in the annual budget of running costs; but there are signs that the funds at present available will very soon be insufficient to support the research programme desired.

As in previous years, many departments were requested by outside bodies—including a number of Commonwealth Government Departments—to undertake specific research projects, and a number of special grants for such purposes were received by the University.

A full account of the research in 1954, with the names and appointments of the staff and research workers concerned and lists of their publications will be found in the annual research report which will appear as early as possible in the academic year.

It is perhaps appropriate to refer here to the work of the Board of Anthropological Research. Work on various anthropological studies of the Australian aborigines proceeded and continued to attract increasing attention abroad. A film on aboriginal foods and food habits, titled "So They Did Eat," taken abroad by Professor T. D. Campbell, created unusual interest. It was well received by the Committee organising the film sessions of the Edinburgh Festival and was regarded as one of the outstanding films shown at the International Scientific Film Congress in Rome, while the Television Service of the British Broadcasting Corporation produced a condensed version on its weekly scientific programme.

#### 14. WAITE AGRICULTURAL RESEARCH INSTITUTE

In the Department of Agronomy a project was begun on the evaluation and supplementation of improved pastures. The work was supported by the Wool Industry Fund and the George Aitken Pastoral Research Trust, and is designed to carry forward the earlier work done at the Institute on the comparison of native and improved pastures.

Studies on establishment problems, on soil atmosphere and on plant adaptation continued. There was a break in the plant breeding programme of the Institute, but two new staff appointments made during the year will enable the work to be resumed in 1955.

Previously reported investigations in mycology and plant pathology were continued. Mycologists in other States have begun to use the facilities of the Institute for the determination of Australian fungi; the contacts and collaboration thus occurring are proving of considerable assistance in the compilation of a Fungus Flora for Australia.

The work on plant viruses is being extended so as to provide authoritative information on the viruses of stone fruit trees occurring in Australia.

It has been established satisfactorily that important pathogenic strains of *Rhizoctonia solani* are taxonomically identical. This organism and other soil-borne fungi such as *Penicillium* were studied throughout the year as part of a general survey of the activity of these organisms. In the Gummosis investigations the survey of fungi occurring on dead apricot twigs proceeded concomitantly with the testing of species of *Prunus* for resistance to the disease.

The demand for the bacterial cultures for legume inoculation was less than in 1953. Field testing of different strains of *Rhizobium* led to the selection of some strains particularly in relation to West Australian Blue Lupins which are superior to previously used strains.

Research in Plant Physiology included a continuation of experiments directed towards evaluating the magnitude of resistances in the vapour phase of the transpiration stream. Studies in cell elongation were continued, and two new lines of research were begun. First, starch-sugar interconversions under various environmental conditions were examined in tobacco and subterranean clover. The overall effect of these conditions on the carbohydrate system is known, but detailed knowledge of the way in which such factors operate is lacking. Secondly, bulb formation and regeneration of soursob were studied following application of chemical and environmental treatments. Bulb dormancy is being studied as an integral part of this investigation with a view to elucidating mechanisms responsible for the breaking of dormancy.

Entomological investigations on pasture and crop insects were continued. Problems affecting citrus orchards, an insecticide-resistant strain of the codling moth in apples, and the nature of present occurrences of the vine phylloxera, were also studied. A monograph on the distribution and abundance of animals was completed and published by the University of Chicago Press.

In the study of the chemistry of South Australian soils further results were obtained from the field experiment designed to measure the residual value of superphosphate, and the first responses to currently applied superphosphate appeared in the main crop of the rotation. Over the seven-year period there was a progressive decline in the amounts of phosphorus removed in all treatments. Work continued on the fertility status of the Seddon soils of Kangaroo Island and further knowledge was obtained, by means of pot experiments and chemical analyses, of their responses to phosphorus nitrogen and several micro elements. Test plants included subterranean clover, rice and pines. Work is in progress on a new method designed to assess the availability of phosphates in soils.

In the study of plant viruses the discovery that strains of a vine exchange character determinants while multiplying in their host was followed up and a number of new strains produced in this way were investigated. One such strain has a special interest because it will not infect tomato plants although both "parent" strains from which it was derived do so.

The effect of light on the spread of tomato spotted wilt virus in *N. glutinosa* was investigated and its inhibiting effect established.

The range of glasshouse facilities was extended by the completion of a cool house, made possible by two gifts totalling £9,000 from the Rural Credits Development Fund of the Commonwealth Bank; in hot weather it is able to maintain temperatures some 20 to 30 degrees below those prevailing outside.

#### 15. POSTGRADUATE COMMITTEE IN MEDICINE

Valuable work was done during the year in each of the Committee's three principal activities, namely, the training in Australia of younger graduates in the various specialties leading, if possible, to a higher degree or diploma of one of the Royal Colleges; the bringing of eminent overseas visitors to Australia for lectures, clinical demonstrations and informal discussions thus enabling members of the profession to keep up-to-date with current trends in the major specialties; and thirdly to cater for the needs of general practitioners by providing weekly ward rounds in the Royal Adelaide Hospital and an annual Refresher Week and week-end courses held in different country centres.

A special six weeks' course of tutorials attended by three graduates was held in January and February in preparation for Part I of the F.R.A.C.S. examination in March. A three months' course in Anatomy, Applied Physiology, and the Principles of Pathology began at the end of May; it was attended by ten full-time students. Four graduates attended a series of nine tutorials in preparation for Part II of the F.R.A.C.S. examination in October.

Laboratory work in Psychology was provided for eight graduates to enable them to complete in Adelaide part of the work for the Diploma in Psychological Medicine of the University of Melbourne.

The Refresher Week was held from 9th to 13th August and included lectures, demonstrations and ward rounds. The full course was attended by sixteen practitioners and nine more attended selected sessions. Country week-end courses were held at Clare, Blyth, Loxton, Barmera, Berri, Mount Gambier and Wallaroo.

A series of thirty-six weekly postgraduate medical ward rounds ran continuously on Wednesdays from February to October. Three were held at the Adelaide Children's Hospital; the remainder were conducted at the Royal Adelaide Hospital. A course of thirteen weekly sessions of Obstetric Demonstrations and tutorials was provided at the Queen Victoria Maternity Hospital. It began in February and was attended by seven graduates.

Lectures by interstate and overseas lecturers were given as follows: "Micromoving Pictures and Electrocardiographic Studies of Embryonic Heart Action," by Dr. Bradley Patten, Director of the Department of Anatomy in the University of Michigan; "Factors Influencing Quality of Recovery after Nerve Repair," by Professor S. Sunderland, Professor of Anatomy in the University of Melbourne; "Pituitary Disorders" and "Treatment of Thyroid Disorders," by Professor E. B. Astwood, Research Professor of Medicine at Tufts Medical School, Boston, and Official Overseas Lecturer for 1954; "Some Comments on the Surgery of Today" and "Inguinal Hernia" by Mr.

Henry Searby of Melbourne (these were the Edward Stirling Memorial Lectures); "The Early Detection of Carcinoma of the Bronchus," by Mr. Robert Shaw, Thoracic Surgeon of Dallas, Texas; "The Pneumonias," by Dr. J. G. Scadding, Dean of the Institute for Diseases of the Chest, London; "The Treatment of Breast Carcinoma" and "The Treatment of Brain Tumours," by Professor R. McWhirter, Director of the Radiotherapy Department of the Royal Infirmary, Edinburgh, and Professor of Medical Radiology in the University of Edinburgh.

Sixteen graduates were sponsored by the Committee for post-graduate training in the United Kingdom.

Dr. Mark Bonnin relinquished his appointment as Part-time Medical Secretary of the Committee and was succeeded in that office by Dr. R. A. Burston.

#### 16. VISITORS

*Overseas Visitors:* In 1954 fewer distinguished scholars from overseas visited the University than in preceding years.

Sir Charles Morris, Vice-Chancellor of the University of Leeds and Chairman of the Committee of Vice-Chancellors and Principals of the Universities of the United Kingdom, was in Adelaide at the end of July. He had come to Australia at the invitation of the Australian Universities in order to help the Australian community to a better understanding of University problems; during his visit to Adelaide he met many leading citizens and gave a public lecture in the Bonython Hall.

Professor Robert A. Hall, Jr., Professor of Linguistics at Cornell University, New York, spent most of 1954 in Adelaide. He came under a Guggenheim Scholarship, to study pidgin English in Melanesia; and as Mrs. Hall—formerly Acting Assistant Professor of Rural Sociology in Cornell University—held a part-time appointment in the Department of Social Science he was a frequent visitor to the University. In September he delivered a series of lectures on the history, aims and methods of linguistics.

Dr. C. T. Bissell, Vice-President of the University of Toronto, in which he is also an Associate Professor of English, spent a month at the University in May and June. He lectured and conducted seminars on Canadian literature, and provided members of the staff with first-hand information on many aspects of Canadian life and culture.

Amongst other visitors whom the University was glad to welcome were Dr. Theodore R. Schellenberg, Director of Archival Management in the National Archives in Washington, D.C., in April; Mr. Charles B. Fahs, Director of the Division of Humanities of the Rockefeller Foundation, in June; Mr. Justice William O. Douglas, of the United States Supreme Court who, amongst other things, spoke briefly to the class in Constitutional Law; and Professor Kathleen Lonsdale, Professor of Chemistry in the University of London, who addressed the Staff Association in September.

*Fulbright Visitors:* Reference was made in last year's report to Dr. M. F. Utter, of the Western Reserve University, Cleveland, Ohio, and to Mr. W. A. Cassidy, a postgraduate student from the University of

New Mexico. Dr. Utter, who did valuable work in the Biochemistry Department, left Adelaide in July, and Mr. Cassidy, after completing his investigations into the nature and origin of tektites, left at the end of the year.

Towards the end of the year two scholars from America arrived to work in the Department of Botany. Dr. Walter S. Phillips, Professor of Botany in the University of Arizona, had been attracted to South Australia because many of the problems of dry land ecology, on which successful work had been done in Adelaide, were similar to those in the semi-arid south-west of the United States. Miss Dorothy Jean Taylor, a graduate student of Pomona College, Claremont, California, came to undertake research into certain aspects of plant ecology in desert and semi-desert conditions.

*Visiting Lecturers:* The University continued in 1954 the valuable scheme under which a number of lecturers, mostly from other Australian universities, are invited to Adelaide for about a week in each case. Such visitors usually give a public lecture, hold one or more seminars with members of the staff and senior students and discuss matters of common interest with members of the departments concerned.

Those who visited Adelaide under this scheme in 1954 included: Professor Zelman Cowen, Professor of Public Law in the University of Melbourne, who had just returned from a year at Harvard; Associate Professor D. A. T. Gasking, of the Department of Philosophy in the University of Melbourne; Professor H. J. Lam, Head of the Rijksherbarium, Leiden, Holland, who had been a delegate to the Pan-Indian Ocean Science Congress in Perth in August; Dr. J. R. Price, of the Alkaloids Division of the C.S.I.R.O.; Professor Sydney Sunderland, Professor of Anatomy in the University of Melbourne; and Mr. Terence Ward, a distinguished member of the dental profession in England.

*Other Visitors:* In June, Mr. G. G. Rossiter, Executive Officer of the United States Educational Foundation in Australia, spent a week at the University, during which he discussed various aspects of the Fulbright scheme, and gave direct information to students and members of the staff interested in continuing their studies or research in the United States.

In October, His Excellency the Thailand Minister to Australia, Mr. Konthi Suphamongkhon, accompanied by his wife, paid a brief visit during which he presented to the Acting Vice-Chancellor, for the University library, a collection of pamphlets on Thailand culture.

#### 17. BARR SMITH LIBRARY

Towards the end of 1954 arrangements were made, in co-operation with the Students' Representative Council, to extend the closing time of the Barr Smith Library from 9 to 10 p.m. on Mondays to Fridays inclusive. Borrowing privileges were increased, and students enrolled for third-year and later courses in all Faculties were granted direct access to books and journals in the stacks.

Substantial additions were made to the collection of nineteenth century literature, notable contributions being a gift of about 800 books from Mrs. V. Steele, and the purchase of a complete microprint edition of the House of Commons sessional papers.

#### 18. THE ANTI-CANCER CAMPAIGN COMMITTEE

*Personal:* The Committee noted with regret the death during the year of Dr. G. H. Burnell who had been for many years a member of the Committee and Chairman of the Finance Sub-Committee; Dr. B. S. Hanson, Deputy Chairman of the Committee, was appointed Chairman of the Finance Sub-Committee to succeed him. Dr. F. A. Dibden, formerly medical officer to the Committee, was appointed to the position of Assistant Director of the Radiotherapy Department in the Royal Adelaide Hospital. Resignations during the year were received from Dr. P. R. Phillips, Registrar, Miss D. Easton, typist-clerk, and Miss D. P. Pearce, Almoner. Dr. Elma Sandford-Morgan and Mrs. J. McLaren were appointed to fill the first two vacancies, but the vacancy for an almoner has not yet been filled.

*Equipment:* A new improved head for the rotational 200 k.v. deep therapy unit was obtained from the makers of the plant. Negotiations were continued for the construction of accommodation to house the 4 MeV Orthotron which is expected to be ready for installation early in 1956. Several items of equipment for use by the physicists were purchased during the year and other items of equipment were constructed in the physicists' workshop.

*Radioactive Isotopes:* Radioactive isotopes were increasingly used throughout the year both for investigation and for treatment. Cobalt (Co 60) bought by the Committee was used extensively in gynaecological cases and also, chiefly in children, for the removal of excess lymphoid tissue in the post-nasal region.

Other isotopes in demand were mainly iodine (I 131) and phosphorus (P 32). Radioactive colloid gold (Au 198) was used for the first time in this State for the medical treatment of a patient.

*Research:* Shortage of staff restricted the follow-up of patients by the neoplasm registry and also delayed the introduction of the group research into radiotherapy of carcinoma of the skin, but it is possible that this may be begun in 1955.

The Committee undertook to pay for three years the salary of a research assistant for Professor G. M. Badger for work in the field of chemical and biological properties of carcinogenic agents. Under this grant work was continued on the synthesis and testing for biological activity of carcinogenic azocompounds and some attention was also given to the synthesis of fluoro-substituted compounds.

The Committee continued its grant to the Institute of Medical and Veterinary Science to pay the salary of Dr. M. C. Fowler, Histo-pathologist, who has been conducting research into the cyto-pathology and the histo-pathology of cancer.

The research of the physicists was devoted largely to the examination of the behaviour of ionisation chambers. The chambers studied included three free air chambers (plate separation 3.25, 12 and 25 cms.), two mesh chambers, a variety of Victoreen condenser chambers and a set of extrapolation chambers.

An order was placed during the year for the printing of the results of the physicists' research into dosage estimation in radiotherapy.

*Finance:* The Committee received a bequest from the Estate of the late Mrs. R. F. S. Ochtomann of £50 and will receive in due course 1/14th of the residue of her Estate.

Although the Committee ended the year with a surplus, it is expected that additional income will be required to maintain the expanding activities of the Committee in subsequent years. The Committee will be called upon shortly to make substantial payments from its capital towards the 4 MeV Orthotron thereby reducing considerably the amount of interest which has been received from the Lord Mayor's Appeal Fund for the past few years.

#### 19. STATUTES AND REGULATIONS.

A new Chapter LXXX, of the Barr Smith Travelling Scholarship in Agriculture was enacted; amendments were made to various clauses of the Chapters relating to the Seal of the University, the Angas Engineering Scholarship and the Angas Engineering Exhibitions, Academic Dress, the Alexander Clark Memorial Prize, the Eugene Alderman Scholarships, the Sir Robert Chapman Prize, the Selbourne Moutray Russell Scholarships, the Varley Scholarship, the Anders and Reimers Scholarships, the Gladys Lloyd Thomas Scholarship for Violin, and the E. Harold Davies Scholarship for Organ; and the Chapter governing the William Gardner Scholarship was repealed and a new Chapter, Of the William Gardner Scholarship and the William Gardner Prize, was enacted.

The regulations governing the degrees of Bachelor of Medicine and Bachelor of Surgery were repealed and new regulations substituted; and amendments were made to the regulations governing the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Laws, Bachelor of Dental Surgery and Doctor of Philosophy, the diploma in Social Science, the Public Examinations, and the Elder Conservatorium of Music.

A new Chapter of the Statutes relating to the Academic Staff and amendments to the Statute governing membership of the Faculties were disallowed by His Excellency the Governor in Executive Council, and an amendment to the Regulations of the Public Examinations altering the basis of award of the Leaving Honours Certificate was suspended.

#### 20. STATISTICS

*Numbers of Students:* The total number of students was 4,115, an increase of 5 on that of the previous year. The number of students under the Commonwealth Reconstruction Training Scheme decreased from 144 in 1953 to 51; the number of civilian students increased from 3,966 to 4,064. The number pursuing full-time courses of study at the University was 1,871; of these 24 were C.R.T.S. students, 48 held Honours Bursaries and 187 Leaving Bursaries from the State Government and 728 Commonwealth Scholarships. Eighty-six part-time students held Commonwealth Scholarships; 879 members of the Adelaide Teachers' College and the Education Department had their

fees demitted and 166 others received concessions in or demissions of fees, or held other Scholarships or Bursaries.

The number of undergraduates was 2,013, of non-graduating students 1,124, and of postgraduate students 418. Of the non-graduating students 78 attended from the School of Mines. At the Elder Conservatorium 432 students, of whom 18 held Scholarships tenable at the Conservatorium, studied principal subjects and 128 attended classes only.

The number of candidates studying for the B.A. degree was 584, for the M.A. degree, 19; for the D.Litt. degree, 4; for the B.Ec. degree, 191; for the M.Ec. degree, 6; for the B.Sc. degree, 376; for the M.Sc. degree, 51; for the D.Sc. degree, 2; for the B.Ag.Sc. degree, 36; for the M.Ag.Sc. degree, 5; for the B.E. degree, 414; for the M.E. degree, 9; for the LL.B. degree, 62; for the LL.M. degree, 1; for the LL.D. degree, 1; for the M.B., B.S. degrees, 508; for the M.D. degree, 10; for the M.S. degree, 6; for the B.D.S. degree, 60; for the M.D.S. degree, 13; for the Mus.Bac. degree, 2; for the Ph.D. degree, 71. The number of candidates for the diploma in Education was 135; for the diploma in Physical Education, 26; for the diploma in Commerce, 54; for the diploma in Public Administration, 40; for the diploma in Pharmacy, 164; for the diploma in Social Science, 32; for the diploma in Music, 36; for the diploma in Physiotherapy, 46. Ten students attended the course in Optometry.

The following figures of total enrolments in the various Faculties and courses indicate the changes that have occurred during the last fifteen years (the numbers in brackets refer to trainees under the Commonwealth Reconstruction Training Scheme):

	1939	1948	1953	1954
Arts .....	889	1,197 (219)	1,046 (21)	1,023 (1)
Education .....	84	113 (22)	158 (—)	135 (—)
Physical Education .....	—	43 (5)	19 (—)	26 (—)
Economics .....	71	106 (73)	167 (19)	220 (11)
Science .....	205	573 (148)	456 (9)	482 (5)
Agricultural Science .....	14	52 (17)	42 (—)	41 (—)
Engineering .....	297	765 (213)	530 (14)	512 (4)
Medicine .....	180	515 (144)	527 (47)	524 (19)
Dentistry .....	29	105 (42)	77 (—)	73 (—)
Law .....	72	122 (68)	67 (2)	64 (—)
Music (Degree and Diploma) .....	29	59 (15)	38 (—)	38 (—)
Music (Conservatorium) .....	225	575 (120)	545 (1)	560 (—)
Commerce .....	331	341 (246)	89 (22)	54 (9)
Public Administration .....	46	55 (39)	37 (4)	40 (2)
Pharmacy .....	82	139 (30)	161 (2)	164 (—)
Physiotherapy .....	18	47 (14)	42 (3)	46 (—)
Social Science .....	11	67 (34)	40 (—)	32 (—)
Optometry .....	7	14 (6)	10 (—)	10 (—)
Ph.D. candidates .....			59 (—)	71 (—)
Totals .....	2,620	4,888 (1,455)	4,110 (144)	4,115 (51)

*Overseas Students:* There were 149 overseas students (including 16 women) at the University. These students were distributed amongst the Faculties and Boards as follows: Medicine, 52; Engineering, 42; Arts, 4; Economics, 9; Science, 26; Agricultural Science, 2; Dentistry,



7; Social Science, 1; and Pharmacy, 1. The other 5 students were proceeding to the degrees of Ph.D. and M.Sc. Of the three candidates for the degree of Ph.D., one qualified during the year for admission to the degree.

Seventy-nine of these students came from Malaya, thirty-two from Singapore, thirteen from India, nine from Hong Kong, seven from Ceylon, two each from Siam, Indonesia and Sumatra, one each from Cyprus, Pakistan and Malta.

*Barr Smith Library:* The total number of volumes in the Library at the end of 1954 was 181,005, accessions for the year being 7,399. The number of withdrawn volumes for the year was 2,007. The number of students enrolled as borrowers increased from 3,093 to 3,374, and they borrowed for home-reading 19,453 books (including 1,383 reserved books borrowed overnight and at week-ends). The number of exempted students in the Faculty of Arts who joined the Country Lending Section was 103, and they borrowed 681 volumes by post. The number of volumes lent to libraries in other States decreased from 702 to 680. From these libraries the Barr Smith Library borrowed 233 volumes.

*Evening Lectures:* Evening lectures were given in the following subjects: Accountancy II and IIIB, Biology, Chemistry I, Comparative Philology, Economics I and III, Education, English IA, I and III, French I, Economic Geography, Geography III, Geology I, German I, II and III, History IB, IC, IIB, and III, Latin I, Law I, II, and III (in the Faculty of Economics), Pure Mathematics I, Philosophy I and IIB, Philosophy Special, Physics I, Psychology I.

*Department of Tutorial Classes:* The Joint Committee for Tutorial Classes conducted eleven Tutorial Classes, nineteen Lecture Classes and two Study Circles, at the University, and one Lecture Class in the suburbs. One pre-sessional and two post-sessional short courses were held in Adelaide. The enrolment for these classes was 1,416 and the Tutor-in-Charge was assisted by twenty-two tutors. A seven-day residential Summer School was held at St. Ann's College, North Adelaide, and there were twenty-eight residents. There were also many city people present at the school.

Lectures were given at Kingscote, Port Pirie, Whyalla, Bordertown, Waikerie, Barmera, Berri, Loxton, Renmark and Mount Barker. A play was produced at Port Pirie.

*Public Examinations:* The following numbers of candidates presented themselves at the Public Examinations: 528 at the Supplementary Leaving Examination in February; 5,141 at the Intermediate Examination in November; 2,782 at the Leaving Examination in November; 426 at the Leaving Honours Examination.

The examinations were held in country towns and districts at 49 permanent and 30 temporary centres.

The public examinations in music of the Australian Music Examinations Board were held in May, July and September. In South Australia there were 1,453 entries in theory and 3,204 in practice of music, 389 in musical perception, and 18 in the art of speech.

## 21. ADMISSION TO DEGREES AND DIPLOMAS

Degrees were conferred and diplomas were granted as follows:

At the Annual Commemoration on March 31:

*Degree of Bachelor of Laws:*

Arthur, Brian Barry	Olsson, Leslie Trevor
Brebner, Charles Ross	Page, Dean Campbell
Cooper, Catherine Margaret	Pike, Colin Edwin
Haddrick, Eric Murray	Teesdale-Smith, Malcolm
Kennedy, Philip James Anthony	Whittle, Richard Latimer
O'Donnell, Elizabeth Anne	

*Degree of Doctor of Medicine:*

Linn, Howard Wadmore, M.B.,  
B.S.

*Degrees of Bachelor of Medicine and Bachelor of Surgery:*

Angus, Barbara Ann	Lawson, William Scott
Ayoub, Charles Salim	Leske, David
Bailey, Hubert John	Ligeti, Pirooska Magdolna
Bampton, John Charles	Lister, James Dick
Barker, Shirley Bowman	Lyll, Allen Raymond
Bennett, Richard Clayton	Messent, Philip William Santo
Broadbent, Ian Nicholas	Mikuzis, Jonas
Brown, Maurice William	Miller, Justin Herbert
Bryan, Peter Kaye	Murchland, John Byrne
Burns, Clement Aylesbury Colin	Parham, Anthony Robert
Butler, Randel St. John Michael	Paterson, Dennis Craig
Cameron, Cyril Thomas Murray	Reid, John Douglas
Caust, Leslie James	Reid, John Graham
Clezy, John Kenneth Albert	Richards, James Ross
Cockburn, Andrew Syme	Richards, Maxwell John
Daly, Lyndsay James	Robertson, Colin Frank
Day, Allan John, M.Sc.	Robinson, Michael Alexander
Dow, Lorna Ruth	Savage, Joseph Patrick
Dowie, Donald Alexander	Scholz, William Herbert
Elix, Ralph Louis	Smibert, George James
Evans, Robert George	Stanbury, Dennis George
Fuller, Clarence Oliyier	Stockley, Henry William
Habib, Bernadette Dolores	Swiggs, Francis
Hawke, John Burton	Welch, Howard Walter
Hone, Michael Raymond, B.Sc.	West, Rosemary Ruth
Hyde, James O'Halloran	Westerman, Roderick Alan
Jacobs, Donald Arthur	Wheaton, Malcolm Alfred
Kneebone, John Henry	Wicks, Graham Ralph
Lawrence, James Roland	Willing, Richard Lyall

*Degree of Bachelor of Medical Science:*

Porter, Robert

*Degree of Master of Dental Surgery:*

Lavis, John Frederic, B.D.S.

*Degree of Doctor of Letters:*

Reed, Thomas Thornton, M.A.

*Degree of Doctor of Philosophy:**Ad eundem gradum:*

Thomson, Keith Westhead, Ph.D.  
(Washington)

*Degree of Master of Arts:*

Reid, Robert Leighton, B.A.

Wadham, Elizabeth Jean, B.A.

*Ad eundem gradum:*Basten, Henry Bolton, M.A.  
(Oxford)Disney, Patrick Canning Wemyss,  
M.A. (Oxford)*Honours Degree of Bachelor of Arts:**In French:*

Laycock, Margaret

Lyon, Malcolm Elliot

*In Geography:*

Gilding, Gwendoline Fay, B.A.

*In Political Science and History:*

Cleland, James Lindsay

Richardson, Ruth Mary Desmond

*Degree of Bachelor of Arts:*Aistrope, Stanley Thomas  
Bailey, Marjorie Anne Paterson  
Beare, Hedley  
Bender, Jill Margaret  
Blacket, Alison Flora  
Brice, Annette  
Brown, Donald Edgar  
Burchett, Kemer Ann, LL.B.  
Byrne, William Creedon  
Cant, Isobel Brown  
Clayton, Sally Jeannette  
Coggins, Robert Symes, B.Sc.  
Cole, Jonathan Haslam  
Dawes, Walter Ernest  
Eden, Owen Frederick, B.Sc.  
Fischer, Gerald Lyn  
Garran, Elisabeth Rosemary  
Gillham, James Edgar  
Gower, Charlie James  
Green, Ralph Noel  
Gregory, Janet Phillis  
Hankel, Barbara Joan  
Hansberry, Mary Estelle, B.Sc.  
Hunkin, Milton Philip  
Jakobsen, Hugo  
James, Richard Cecil  
John, Lloyd Vincent  
Jones, Michael JohnJudd, James  
Kenny, Patricia Mary  
Kissel, Thomas Alfred  
Lamacraft, Kenneth Ronald  
Leak, Brian Hedley  
Le Cornu, Collin George  
Lock, Dorothy Marie Jeanne  
McGowran, Myris Irene  
Martin, Maurice Leon, B.Sc.  
Molineux, Marion Ruth  
Moore, Cecily Anne  
Mutton, Howard James Charles  
Ng, Andrew Liam Timm  
Paton, Margaret Anne  
Pierson, Robert Arthur  
Pritchard, John Nelson  
Reed, Barbara  
Reid, Gordon Stephen  
Robertson, Kenneth Alexander  
Ruediger, Malcolm Milton  
Savage, Charles Arthur  
Seidler, Jan Hynek, B.Sc.  
Smith, Pamela Darien  
Stark, Alan Edmund  
Tilbrook, Percival Montrose Torr  
Turner, Tennyson, LL.B.  
Wenham, Muriel  
Wright, George Andrew*Ad eundem gradum:*Chmeliauskas, Stasys, Ph.D.  
(Leipzig)  
Farrer, Kenneth Joseph, B.A.  
(Econ. Manchester)Martin, Charles Burton, B.A.  
(Boston)*Degree of Master of Economics:*

Hieser, Ronald Oswald, B.Ec.

*Honours Degree of Bachelor of Economics:*

Hodan, Miroslav, B.Ec.

Sharp, Warren Player

*Degree of Bachelor of Economics:*

Basedow, Bernhard Frederick  
Favilla, Domenico Raffaello  
Geisler, Wilfred Ross, B.Sc.

Head, John Graeme  
O'Brien, Hartley Eric, B.A.  
Steele, John Kevin

*Ad eundem gradum:*

Russell, Eric Alfred, B.Com.  
(Melbourne)

*Degree of Doctor of Science:*

Hughes, Gordon Kingsley, B.Sc.  
Price, James Robert, M.Sc.

Pugsley, Albert Tonkin, M.Sc.  
Stanley, Neville Fenton, B.Sc.

*Degree of Doctor of Philosophy:*

Crompton, Robert Woodhouse,  
B.Sc.  
Kerr, David Ian Beviss, B.Sc.  
Pettit, Rowland, M.Sc.  
Robertson, David Stirling, M.Sc.  
(Manchester)

Specht, Raymond Louis, M.Sc.  
Sutton, David John, B.Sc.  
Urwin, Jack Robson, B.Sc.  
West, Bruce Oswald, B.Sc.

*Ad eundem gradum:*

Mathieson, Marjorie Jean, Ph.D.  
(Cambridge)

*Degree of Master of Science:*

Anderson, Sylvia Hilda, B.Sc.  
Angley, Ronald James, B.Sc.  
Butterworth, Helen Lesley, B.Sc.  
Carter, Alan Norval, B.Sc.  
(Melbourne)  
Crowley, Neil Clarence, B.Ag.Sc.  
(Sydney)  
Irving, Elizabeth Anne, B.Sc.  
Loutit, Margaret Wyn, B.Sc.

McCarthy, Ian John, B.Sc.  
Raupach, Maxwell, B.Sc.  
Seidler, Jan Hynek, B.Sc.  
Tyson, Angus George, B.Sc.  
Webb, Bruce Phillip, B.Sc.  
(Sydney)  
Wellby, Maurice Lindsay, B.Sc.  
Woodard, Geoffrey Davidson,  
B.Sc.

*Ad eundem gradum:*

Marshall, Annie, M.Sc.  
(Melbourne)

Prime, Henry Ashworth, M.Sc.  
(Manchester)

*Honours Degree of Bachelor of Science:**In Mathematics:*

Duguid, Andrew Melville

*In Physics:*

Elford, Malcolm Thomas, B.Sc.  
McGee, Colin Raymond, B.Sc.  
McKelvie, Donald, B.Sc.  
McLean, Ian Weymouth, B.Sc.

Milton, Bernard Eric  
Murray, Eric Lionel, B.Sc.  
Prest, David Harris, B.Sc.  
Smith, John Wilton, B.Sc.

*In Chemistry:*

Christie, Basil James Frederick  
B.Sc.  
Korytnyk, Wsewolod, B.Sc.  
Northey, Helen Louise, B.Sc.  
Sasse, Wolfgang Hermann Fritz,  
B.Sc.

Stephens, John Felton, B.Sc.  
Tiller, Kevin George, B.Sc.  
Thompson, Malcolm James, B.Sc.

*In Geology and Mineralogy:*

Chinner, Graham Alan, B.Sc.

*In Biochemistry:*

Keech, Donald Bruce, B.Sc.

*In Physiology:*

Best, Effie Deland, B.Sc.

Mullner, Judith Anne, B.Sc.

*Degree of Bachelor of Science:*

Banos, Poppy Kalliopi  
 Berriman, Peter Souter  
 Bowden, John Gilmore  
 Brown, Joan  
 Brown, Judith Eileen  
 Butler, Joan Hilary  
 Callus, Francis Arthur  
 Carey, John Gilbert  
 Chellew, Thelma Loraine  
 Chesney, David Alexander  
 Craker, John Melville  
 Crane, Neil Raymond  
 Cusack, John Charles  
 Eylward, Richard John  
 Filsell, Owen Holbrook  
 Grasso, Rosario  
 Green, Mary Patricia  
 Hale, Robert Palmer  
 Hawke, John Gardner  
 Jackman, Margaret Elva  
 Kurucsev, Tomas  
 Lawrie, David Charles  
 Ling, John Kynaston  
 Lokan, Keith Henry

McDowall, Barry Patrick  
 McKenzie, Jean  
 McManus, John Bernard  
 Mainstone, John Sydney  
 Martin, Helene Alice  
 Matthew, Ian George  
 Nairn, Jennifer  
 Nugent, Naomi Mary  
 O'Donnell, Margaret Helena  
 O'Halloran, Michael William  
 Pearman, Reginald John  
 Possingham, Maxwell Leonard  
 Rice, Brian George  
 Rogasch, Peter Edwin  
 Schultz, Roydon Donald  
 Sims, Clive Moir  
 Sizer, Marion Betty  
 Southcott, Rosemary Enid  
 Sweatman, Thomas Rex  
 Thompson, Noel  
 Treloar, Francis Edward  
 Watson, David Stanley  
 Weidenbach, Neil  
 Woodhouse, Lawrence Ralph

*Degree of Doctor of Philosophy:*

Kanwar, Jaswant Singh

*Degree of Master of Agricultural Science:*Ambastha, Harendra Narayan  
Sinha*Ad eundem gradum:*Taylor, John Kingsley, M.S.  
(California)*Honours Degree of Bachelor of Agricultural Science:**In Agronomy:*

Davidson, James Logie, B.Ag.Sc.

*In Botany:*Brownell, Peter Ferguson,  
B.Ag.Sc.*In Genetics:*

Oran, Rex Neville, B.Ag.Sc.

*Degree of Bachelor of Agricultural Science:*Brooks, Hector Buckland  
Nicolson, Andrew David

Sedgley, Ralph Harold

*Degree of Doctor of Philosophy:**Ad eundem gradum:*Tait, Robert William Francis,  
Ph.D. (Birmingham)

*Degree of Master of Engineering:*

Duncan, James Playford, B.E.

*Honours Degree of Bachelor of Engineering:**In Electrical Engineering:*

Hayward, John, B.E.

*In Metallurgical and Chemical Engineering:*

Hamdorf, Clifton John, B.E.

Opie, Alan James, B.E.

*Degree of Bachelor of Engineering:**In Architectural Engineering:*Claridge, Philip George Brian  
Fairweather, John Henry  
Kinsman, Andrew GuiseLawrie, John Desmond  
Schumacher, Colin Stephen  
Scott, Philip Earle*In Civil Engineering:*Crisp, Colin Francis Correll  
Garbaliuskas, Leonardas  
Raimundas  
Jeanes, John Colin  
Lee, Kevin John  
Liu, OwenMierisch, Robert Johnston  
Newbery, Maxwell Charles  
Reynolds, Graeme Campbell  
Sharley, Aubrey Neville  
Slarks, Geoffrey Herbert*In Electrical Engineering:*Bennett, Donald John  
Boyce, Robert William  
Broadfoot, Kenneth Davidson  
Clisby, Robert Leonard  
Cooke, David JohnKeen, Ross Maxwell  
Lee, Raymond Wilson  
Shinkfield, Roger John  
Slaughter, Colin Sidney  
Vawser, Keith Derwent*In Mechanical Engineering:*Billinghurst, Harry  
Brown, Richard Archibald  
Giles, Douglas Haynes  
Lilburn, William Embleton  
Martin, Bruce PeterNietz, Ian Arno  
Otto, Lance Martin  
Smith, Murray George  
Wood, Alastair Edward Rose*In Metallurgical and Chemical Engineering:*Allen, David William  
Bahr, Trevor Ross  
Cathro, Keith James  
Coulter, Wilfred Neil  
Forgan, Anthony JamesFry, Leslie Barry  
Jewell-Thomas, Stephen Rutter  
Culross  
Polkinghorne, Graham Keith  
Ponniah, Anthonipillai*In Mining Engineering:*

Dunn, Peter Charles

Treloar, John Harvey

*Ad eundem gradum:*Barden, Ronald George, B.Sc.  
(Eng.) (London)Pawsey, David Christian, B.E.E.  
(Melbourne)*Diploma in Secondary Education:*Burfield, Arthur, B.A.  
Crowe, Elizabeth Mary, B.A.  
Fitzgerald, Clarence Lindsay, B.A.  
Goldsworthy, Reuben, B.Sc.  
Hansen, Ian Victor, B.A.  
Jones, Reginald John, B.A.  
Kean, Eileen Margaret, M.A.  
Laslett, Ian John, B.Sc.  
Mueller, Edwin Albert, B.A.  
Mueller, Rae Vernon, B.Sc.O'Brien, Francis John Romuald,  
B.A.  
Renner, Johannes Theodore Erich,  
B.A.  
Riedel, Felix Daniel, B.A.  
Turner, Constance Mary, B.A.  
Wattchow, Colin Edward, B.A.  
Whittle, Edith Julia, B.A.  
Willcocks, Robert Douglas, B.Sc.

*Diploma in Primary Education:*

Brown, Donald Edgar  
 Clark, Henry William, B.A.  
 Daw, William Ronald  
 Fitzpatrick, Alexander Thomas,  
 B.A. (Melbourne)  
 Gann, Eric Crump, B.A.

Golding, Phyllis May, B.A.  
 McLay, Andrew Harold, B.A.  
 Morris, John Lennox, B.A.  
 Sage, Harold Robert, B.A.  
 Theobald, Howard Wesley

*Diploma in Pre-Primary Education:*

Reed, Barbara

*Diploma in Arts and Education:*

Argyle, Barry  
 Beilby, Shirley May  
 Bonnett, Victor Walter Lincoln  
 Charlesworth, Joan Ann  
 Chinnick, Richard Lionel  
 Cochrane, Heather Bernice  
 Coggins, Harold Douglas, B.Sc.  
 Coker, John Godfrey  
 Davis, Frederick Harry  
 Daw, William Ronald  
 Garbutt, Mary  
 Glenn, Graham Gordon  
 Heinrich, Harold Gordon  
 Hentschke, Margaret Ruth  
 Hill, Brian Heaton  
 Holmes, Patricia Langley  
 Horsnell, Keith Constant  
 Hudson, Nancy MacDonald  
 Iliffe, Rosa Lorene  
 Jenkin, Leonard Bee  
 Joppich, Oscar Edwin

Kappler, Stewart Garth  
 Lyall, Margaret Mary  
 Manuel, Deane James Hubert,  
 B.Ec.  
 Marker, Lois Beatrice  
 Mausolf, Jack  
 Murrie, Elizabeth Leroy  
 Newell, Edward Richard Ireland  
 Nitschke, Erna Gertrude  
 Oakley, Hannah Rosalie  
 O'Callaghan, Gerald Anthony  
 Pickering, Eric  
 Rowland, Roma Joy  
 Saunders, Alan Caley  
 Schuller, Ruth Doreen  
 Shinkfield, Anthony James  
 Smith, Margaret Joan  
 Stewart, Peter McKenzie Gibson  
 Trowse, Helen Hayward  
 Wedding, Gordon Mervyn

*Diploma in Commerce:*

Austin, Brian Wilson  
 Bowler, Brian John  
 Deer, Eynon John Cullimore  
 Jones, Albert Stewart  
 Kerr, Trevor Grant  
 McLachlan, John Kingsborough  
 Othams, Douglas Geoffrey  
 Parham, Geoffrey William

Penglase, Ronald Clyde  
 Puttman, Robert Marsh  
 Sawade, Ronald Frederick  
 Soper, Graham Michael  
 Spitz, Francis  
 Wilton, James Hardy  
 Winch, Ronald Thomas

*Diploma in Pharmacy:*

Bardolph, June Mary  
 Beaty, Edward William  
 Brady, Michael Ignatius  
 Brice, Robert Hosking  
 Buik, Donald Andrew John  
 Butler, Richard James  
 Croft, Mary Ellen  
 Cushway, Albert Len  
 Drake, Peter Richard  
 Fricker, Yvonne June  
 Hillman, Eric Anthony  
 Humble, William Gilbert  
 Klaffer, Ralph  
 Lee, Thomas Ian  
 Leyshon, Stephen Noel  
 Medlow, Ronald George

Mitchels, John Roger  
 O'Connor, Brian Thomas  
 Orr, Fay Patricia  
 Otto, John Leyland  
 Palape, Janis Zanis  
 Parker, Colin John  
 Preece, Malcolm Stewart  
 Reid, Colin Liston  
 Richter, John Steven  
 Saies, David  
 Scarman, Graham Alwyn  
 Stanley, Patricia Dorothy  
 Telfer, Donald  
 Weedman, Dale Elton  
 Williams, Brian Norman

*Diploma in Music:*

Gersch, Paul Johannes  
Murray, Joan

Schramm, Kathryn  
Warnecke, Mary Isabel

*Diploma in Physical Education:*

Beare, Lynden Day  
Cooper, Brian James  
Halsey, Trevor Geoffrey

Mellish, Mary Evelyn  
Newman, Shirley Lena  
Wollaston, Philip Hamilton

*Diploma in Social Science:*

Duncan, June Valerie  
Hamilton, Diana May  
Kennedy, Marjory May  
Maddigan, Pauline Anne  
Mune, Marie Elizabeth, B.A.

Rushton, Jennifer Fielding  
Sadleir, Barbara Isabel  
Turner, Margaret Patricia  
Wollaston, Julienne Kimmont

At the meeting of the Council on June 25:

*Degrees of Bachelor of Medicine and Bachelor of Surgery:*

Bawden, Maxwell George  
Bowering, Douglas Charles  
Dietman, Clarence Charles

Dunstone, David Darroch  
Pillay, Elagu Sithampara  
Siglin, Max

*Degree of Bachelor of Arts:*

Hecker, Olive May

*Degree of Master of Science:*

Lower, Harold Stewart Farnham

*Honours Degree of Bachelor of Engineering:**In Electrical Engineering:*

Janardhan, Narienkadu  
Mohananarunga

*Degree of Bachelor of Engineering:**In Electrical Engineering:*

Chisholm, Neil Leslie

At the meeting of the Council on July 30:

*Degrees of Bachelor of Medicine and Bachelor of Surgery:*

Gillam, Leon George

Peake, Noel Horace

At the meeting of the Council on December 17:

*Degrees of Bachelor of Medicine and Bachelor of Surgery:*

Burns, Peter James Stedman  
Denton, James Graham  
Golledge, John Gouldhawke  
Hargrave, John Charles  
Holman, Lawson James  
Lubich, Joseph Maurice  
Lynch, Martin Alfred  
McAuliffe, David Jeremiah  
Melvin, Geoffrey Ronald  
Morad, Ahmad Bin

Ross, Rodney Clare  
Rowe, Ronald  
Samaha, Tonie Samuel  
Sharma, Romesh  
Smith, Peter Brian  
Teasdale, Verner  
Walters, Max Norman Isadore  
Wittencoom, Robert Horne  
Yin, James Chu Kee



*Degree of Bachelor of Dental Surgery:*

Aleksandravicius, Vera  
 Bean, Malcolm James Layton  
 Krumins, Dagmara Eleonora

Leaney, Peter Anthony  
 Martin, Patrick Lawrence  
 Williams, Donald Newbery

*Diploma in Physiotherapy:*

Beech, Alison Erica  
 Broad, Donald Ivor  
 Clark, Jenifer Margaret  
 Cross, Geraldine Frances  
 Ham, Helen Prudence  
 Haskard, Robin Lindsay

Pinder, Judith Ann  
 Piper, Rosemary Lillecrapp  
 Starr, Judith Anne  
 Whicker, Joan Doreen  
 White, Jenifer Judith

## 22. ACCOUNTS

An abstract, duly audited, of the income and expenditure during the year 1954 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 1954.

Signed on behalf of the Council,

A. P. ROWE,  
 Vice-Chancellor.

Adelaide,  
 29th April, 1955.

## REPORTS OF THE COLLEGES

## 1. ST. MARK'S COLLEGE

Early in the year the death occurred of Bishop Arthur Nutter Thomas, who, after presiding over the Foundation Committee from 1922-25, became Chairman of the Council in the first difficult years of the College from 1925-27. At its March meeting, the College Council accepted with the deepest regret the resignation as Chairman of Sir Henry Newland, who had served as Founder of the College and Member of Council from 1921-27 and as Chairman since that time. His unflinching interest and help were outstanding factors in continuing the work, so ably commenced by Bishop Thomas, towards the successful establishment of St. Mark's College and the residential system in the University of Adelaide. Council elected as its new Chairman Mr. Dudley C. Turner, also a Founder of the College and a Member of Council since its inception, and one who had served with the greatest ability and generosity as Chairman of the Finance Committee since 1927. The Dining Hall is at the moment being extended for the second time by Mr. and Mrs. Turner (and for the fourth time in all), and to them the College expresses its deepest gratitude.

After repairing the extensive earthquake damage we were able during the year to make a considerable number of minor but long-overdue improvements to the appearance and layout of the College grounds.

The Master continued his work for the College, the University and associated interests. In particular he was appointed an Adelaide delegate to the newly-formed Humanities Research Council. During 1955 Dr. Price will visit U.S.A. and Europe to study problems in connection with the University and the College, and the Commonwealth Literary Fund, and to gather material for a new book on white settlement in the Pacific. The Vice-Master, Mr. R. B. Lewis, will be Acting Master during his absence. The College welcomes the advent of the Rev. Norman Paynter as its first full-time Chaplain. His influence is bound to be widely felt in both College and the University, and he will during 1955 be Acting Vice-Master.

The undergraduate members achieved their usual high standard of success in the University examinations, in which 21 men gained a large number of credits. We particularly congratulate Mr. I. E. McCarthy, who was awarded the William Culross Prize for Scientific Research, and Mr. M. G. McCall, who obtained first place in Medicine III, with the Dr. Davies Thomas Scholarship. In inter-collegiate sport, which has been stimulated by the presentation of several fine trophies, St. Mark's had its share of success, and College men also took a major part in University and Intervarsity sport and in student affairs. During 1954 over a third of the members of the S.R.C. was provided by the various Colleges, including the President, Mr. K. H. Lokan, the holder of a University Bursary at St. Mark's.

## 2. ST. ANN'S COLLEGE

Although numbers fluctuated slightly during 1954, St. Ann's had in residence an average of 50 students and graduates, including at least one from every other Australian State and eight Asian students.

The value of the scholarships awarded by the University to bring the benefits of residence in College to students who could not otherwise afford it becomes more evident each year, and the Council of the College is grateful to the University for them and for the Commonwealth Grant which has allowed the College to complete another year without raising fees.

The examination results were most satisfactory, and the advantages of the tutorials provided in conjunction with the men's Colleges were greatly appreciated. St. Ann's students gained eight top credits and six second credits.

In the extra-curricular activities of the University, St. Ann's students served on many committees and filled the following offices: Secretary of the S.R.C., Secretary of the A.U.D.S., President of the Women's Union, Secretary of the E.U., President of the French Club. Three of them played hockey in the Women's A team. In the inter-College debating competition, St. Ann's team was defeated in the final.

During 1954 we were pleased to have in residence for several weeks the following overseas and interstate visitors to the University: Miss Jane Goodale, of the University of Philadelphia and the National Geographical Society's expedition to Melville Island; Miss Dorothy Taylor, Fulbright scholar, of Duke University, North Carolina; Miss Miriel Balding, travelling secretary of A.S.C.M.; Miss Barnett, secretary of the E.U. conference; Miss Valerie James, of Melbourne University; and Miss Barbara Carne, of Sydney University, both of whom attended the Genetics conference.

St. Ann's was fortunate in suffering only minor damage in the March earthquake, and the buildings are in a good state of repair and the grounds in good order.

The Foundation Committee and the Old Collegians' Association continue to make welcome contributions to the amenities of the College and the Council is most grateful to them.

## 3. AQUINAS COLLEGE

There were 65 students and two tutors in residence at Aquinas in 1954, with the Rector and the Dean.

In the examinations at the end of the year, Aquinas students maintained their high standard of previous years, securing 88 per cent. of passes in subjects presented, with 16 credits and four prizes. In Final-Year Medicine all 12 students passed, one winning the Gardner Prize for Surgery, and another the Gosse Medal for Ophthalmology.

In extra-curricular activities, Aquinas men took a full part, four of them being members of the S.R.C., and a dozen or more representing the University in the A teams of the various sporting clubs.

In inter-Collegiate sports, Aquinas won the Football Cup for the first time, and was runner-up in the Rugby and Rowing matches. Over the year the sporting honours were shared very evenly among the three Colleges.

No new building operations were undertaken by the College in 1954, but a good deal of painting, both exterior and interior, was done, and the College is a much brighter place to live in as a result.

In 1955, the accommodation of the College will be used to capacity with 66 students, four Tutors and three Priests in residence. If funds can be raised, two squash courts will be built for the use of the students who, up to now, have had no facilities for any kind of vigorous physical exercise in the College.

The College Council records its deep gratitude to the University for its continued help through College Scholarships and for its unflinching encouragement of the whole idea of College life within the University.

#### 4. LINCOLN COLLEGE

The College opened with a record enrolment of 68 students in residence. By taking over the whole of the second building acquired on Brougham Place, the College Council is now able to report the fulfilment of its original pledge to the Council of the University that it would establish a College taking between 60 and 70 students.

We have also completed a chapel in the grounds of the College.

The year has been a very satisfactory one. The grant from the Commonwealth Government, together with the Scholarships awarded by the University of Adelaide, has enabled the Council to show a small surplus on the year's working without any increase in fees.

The appeal for funds reached a total of £43,000, splendid response from the Church and public.

The examination results were very good, showing a pass of just under 90 per cent. of subjects presented.

The Council once again expresses its thanks to the University authorities for undertaking the distribution of the Commonwealth Grant to the respective Colleges.

The close co-operation of the four residential Colleges in the provision of tutorial classes has once more been a feature of the year's activity and the Council is hopeful that the coming year will prove no less successful than those which have gone before.

## COMMEMORATION ADDRESSES

The Annual Commemoration was held on Wednesday, March 30, 1955. The Chancellor, in opening the proceedings, said:

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

In former years it has been my privilege and pleasure to welcome the Visitor of the University to this our annual ceremony. On this occasion I must omit the welcome, but speaking for the University, I take this opportunity of sending a greeting to Sir Robert and Lady George. Had they been in the State, I know that they would have wished to be here, and our hope is that we shall see them next year refreshed by a well-earned holiday from official duties.

I am glad to see that the Premier and the Minister of Education have been able to spare the time to be with us. We appreciate this evidence of their interest in our activities, and I ask them both to accept the welcome which we extend. In recent years the University has expanded far beyond anything that we could have contemplated in pre-war times, and this expansion would have been impossible without the assistance that we have received from the Government of the State. Year by year the Premier and his Ministry have shown an understanding of our needs, and we are truly grateful to the Government for the scale of the help that we have received.

It is in the nature of things that, while the University itself endures and carries on, those who serve it must in the course of time pass on, and this is a fitting occasion for some public—if necessary a brief—acknowledgment of past service. During the year under review we have mourned the sudden and untimely loss of Mr. Bampton, our Registrar, whose humanity endeared him to all with whom he came in contact. He was Registrar for ten years, during a difficult period of great expansion in the University, and the Council has properly recorded its appreciation of his work. The vacancy has been filled—to the entire satisfaction of the Council—by the appointment of the Assistant Registrar, Mr. V. A. Edgeloe.

We have had other losses by death. Dr. G. H. Burnell had been a member of the Council for six years when he died. Up to the end he was giving valuable service to the University as a member of the Finance Committee, of the Faculty of Medicine, and of many special committees associated with the Medical School. He was our representative on the Advisory Committee for appointments to the Honorary Staff of the Royal Adelaide Hospital, on the Medical Board of South Australia, and on the Council of the Institute of Medical and Veterinary Science. His sound judgment and untiring energy will be greatly missed in many fields of service.

Earlier in the year, Professor Emeritus Portus died. For seventeen busy years he occupied the Chair of History and Political Science, but his interest in the activities of our students extended outside his own department and far beyond the academic work. For such a one there could be no more fitting memorial than the abiding affection of many generations of students.

Mr. J. F. Ward, who also died during the year, was a member of the Council from 1937 until 1949. He, too, had wide interests and will be remembered for his special contributions to the work of the Public Examinations Board, of the Board of Studies in Physical Education and of the University Sports Association.

Retirements and resignations have cost us valued colleagues. Among them are Sir William Goodman and Mr. Fairweather, who have not sought re-election to the Council. Sir William Goodman had been a member of the Council since 1913—that is for more than forty years. In addition, he was Chairman of the Finance Committee from 1936 until 1953. This office is one of the most responsible and exacting in the University, and it has been our good fortune to have the benefit of Sir William's services in this capacity throughout this period.

Mr. Fairweather had been a member of the Council since 1947. As a member of the Finance Committee, as also in the Council, we have relied upon him for guidance, particularly in matters associated with the University's investments and its School of Engineering.

Professor Killen Macbeth has retired from the Angas Chair of Chemistry, and his long and valued service to the University has been recognised by the title of Professor Emeritus. Dr. Milthorpe has left us to take the Chair of Agricultural Botany in the University of Nottingham, and Mr. H. W. Piper on his appointment as Professor of English in the University of New England. These retirements are in the excellent tradition of younger men passing on to chairs elsewhere, and to all such we offer our best wishes for the future.

Five chairs have been filled during the year. Dr. Badger, Reader in Chemistry, was appointed Professor of Organic Chemistry on the retirement of Professor Macbeth. The Directorship of the Dental School has been raised to the status of a chair, and Dr. Campbell, previously the Director, has been appointed our first Professor of Dental Science. Mr. C. M. Donald has come from the Commonwealth Scientific and Industrial Research Organisation to be the Waite Professor of Agriculture and Head of the Department of Agronomy in the Waite Agricultural Research Institute. Dr. Jordan, who was appointed in 1954 as Professor of Inorganic and Physical Chemistry, has been accorded the title of The Angas Professor in succession to Professor Killen Macbeth. Mr. Stretton—formerly a Rhodes Scholar from Victoria, and later a fellow and Dean of Balliol College, Oxford—has filled our Chair of History. We welcome all these to their new appointments and extend the same cordial welcome to other new members of the staff.

In August last, the Vice-Chancellor attended—as a delegate of Australia—the annual conference of the Association of Universities of the British Commonwealth, which was held at Kingston in Ontario. It is a matter for very real satisfaction that he has been chosen as Chairman of the next conference of the Association, which will be held later this year in Melbourne. In congratulating the Vice-Chancellor on his appointment, I would likewise congratulate the Association on its choice of a chairman.

There is another event of the year which I recall with great personal pleasure. By way of commemorating three outstanding contributions to the life and development of the University, the Council has decided to name two of the principal ways in the University and one in the Waite Institute after those whom we desire to honour. The avenue from the Frome Road gates to the Barr Smith Library will be known as "Mitchell Avenue." The crescent between the Administration Building and the Bonython Hall will be the "William Goodman Crescent"; and the road running diagonally through the grounds of the Waite Institute will be the "Walter Young Avenue."

When speaking on this occasion two years ago, I said that, almost without our noticing it, a peaceful revolution was taking place before our eyes. Our doors have been opened—by State bursaries and the new Commonwealth Scholarships—to all—or very nearly all—who have the ability and the industry to profit by a university education. The consequences of the social changes, at which I hinted, are becoming more apparent to us, and more widely recognized as time goes on. It is, therefore, fitting that I should speak of these things today, because they deeply concern the duty of any university to the community that it serves.

The proper activities of a university are to disseminate the knowledge and wisdom that we have and to seek for new knowledge and understanding. A university—properly regarded—is a sodality, or community of individuals engaged in these tasks, and it is not by chance that the people so engaged began—many centuries ago—to gather together in colleges or schools. The constant contact of one with another affords the opportunity for constructive criticism, which is one of the most fruitful sources of new ideas and creative thought. So true is this, that the concept of the university, as a place where scholars—students and staff—can work together, has become one of the foundation stones in the structure of our civilisation. The "true university of these days" is not as Carlyle has suggested, "a collection of books," nor is it a conglomeration of buildings. It is the living entity—a group of people—and the first duty of the governing body is to foster—by every means in its power—the atmosphere in which teaching and research can flourish. When individuals working under different disciplines or in different fields of knowledge meet, they must necessarily apply the special standards of their own discipline to the ideas of their colleagues. Knowledge is only the beginning. In this exchange of ideas we look for wisdom and understanding—the toleration, the breadth of outlook, the ripe judgment, the stirring of the imagination, and, above all, the humility of spirit which should come from the realization that no one man or woman can ever "have all the answers." These are the things that make the atmosphere in which research flourishes and teaching can become inspired.

I do not intend, on this occasion, to speak about research. Dazzling discoveries, made in the universities, have startled the imagination and aroused the apprehensions of our generation, but also—through their increasing application to agriculture and industry—they have raised our material standards of living. Research needs no commendation in this era. But, by the progress that it has made, it has

added very substantially to the demand of the community for people highly trained in the new complexities of industry and agriculture. These demands fall upon the teaching function of the university, and it is of the teaching function that I wish to speak.

Many more graduates are required of us than in the nineteen-thirties and—if we are speaking of quantity—the need has been very largely met by the peaceful revolution of which I have spoken. The generous machinery of State Bursaries and Commonwealth Scholarships—now reaching its full momentum—is bringing students to the university in greater numbers and from a new diversity of homes. They are, we hope, destined to become leaders in agriculture and industry, as well as in the public services and the professions. As such they will be called upon to bring to their life's work more than the specialised training which the university gives them. We must look to them for the broad, good sense, the sound judgment and the imagination which enable a man to understand how his particular vocation fits into the pattern of society; and how the authority, which his specialised knowledge gives him, can be utilised and tempered to the human needs of those with whom he works.

As I see it, we cannot—even if we would—escape from the fact that any professional qualifications, whether it is the technology of an engineer or the erudition of a graduate in arts, imposes some duty of leadership upon those who possess it. To that end our students must be trained to be something more than mere specialists. On the one hand technology cannot afford to ignore the problems of human relations, and on the other hand, the lawyer, the teacher, or the civil servant is all the better for a nodding acquaintance with the discoveries of science, and certainly he needs to understand the way in which science and technology attack their problems.

This difficulty of combining an adequate specialised training with a broader outlook, and an intelligent interest in human affairs, is by no means a novel discovery, but it is one that has been rapidly becoming more acute, until it is now appreciated as a major problem not only in this country, but—as I believe—in every university in the English-speaking world. There are, I think, several reasons. First, with the rapid advance of science the expert is constantly required to learn more and more about less and less, and secondly, with the increase in the numbers seeking admission to the universities, it is becoming more and more difficult to maintain the personal contact between teacher and taught. These are the problems of administration which are always with us, and with which the University must deal as best it can. But there is a third factor. This is a new development, and, as I see it, it is more important to us than either of the others—constituting a grave threat to the usefulness of any non-residential university.

In years past the large majority of our students paid their own fees. With very few exceptions they came to the University as the result of some sacrifice—and frequently it was very substantial sacrifice—on the part of parents, who thought the sacrifice worth while. I should be far from saying that this was any guarantee of the suitability of the students, but in the nature of things, it followed that the bulk of them came from homes where learning and scholarship



were appreciated, and that they were encouraged by parental example to cultivate broad interests, judgment and a sense of values. All that has been changed by the expansion of the University and the extension of the scholarship system of free education. I should be lacking in candour if I did not speak frankly upon this subject. I do not deplore the opening of the University to every student capable of taking advantage of the opportunity that it offers. On the contrary, I regard that as an admirable ideal, which is now in the course of being realised, but I feel bound to express the opinion that the realisation is bringing us an appreciable percentage of our students from homes with narrow interests, and that it will bring more in years to come.

I take it that no one will doubt that the University is under an obligation to use every means at its disposal to help every student to achieve the all-round development of his or her potentialities. This has always been the obligation of a university towards its students, and if more has to be done for them in these changing times, it seems to me the task must be faced with wisdom and understanding. Our students will not be the less welcome, because their needs are greater than were the needs of students in former times; and their broad education is as necessary to the community as it is precious to themselves. If they are to be the leaders of the future, and if the university fails to give them this breadth of outlook, the first obvious impact of the failure will be the retarding of the country's economic development; the second, and no less grave, will be the decay of standards of value and citizenship.

In this connection, we have to admit that the residential universities have great natural advantages. Their students and staff live virtually under the same roof, with all the opportunities that this gives for the fruitful exchange of ideas between student and student, and between the students and the teaching staff. Nothing can wholly replace those opportunities in quickening a student's imagination and interest in the life and thought of his fellows. Nothing else is so well calculated to supplement knowledge by wisdom and understanding.

But Adelaide is not a residential university and the solution of the problem here will not be easy. An important contribution to the broad education of the student can be made by the methods of teaching used by the members of the academic staff. I am well assured that what can be done in that way is in the course of being done. But so greatly has the scope and content of human knowledge grown, that students must specialise early in their lives, and formal teaching is bound to occupy much of the time when students and staff are normally together. In this again, the university that is not residential is at some disadvantage.

The Council has not overlooked the fact that a great development of residential colleges would make a splendid contribution towards a solution of the problem. It is warmly to be hoped that the number of our residential colleges will grow. But that is not a practical solution. If the capacity of the colleges were doubled here and now, there would be places in them for less than a fifth of our students;

more than four-fifths would be obliged to remain outside. The problem is too great and too pressing to wait for that solution.

At the end of 1954, the Council reached the conclusion that it did lie within our power to meet—in a substantial way—the need of the students of today for greater help. Remembering that it is the ready contact—the day by day exchange of ideas—which stimulates breadth of outlook and quickens judgment, the Council has decided to supplement the material conditions—now greatly deficient—in which this exchange should be possible. We propose to enlarge the Students' Union buildings and to add to them a hall where the Union can conduct and encourage debates, discussion groups and interest in the arts. It is true that the Students' Union buildings, and notably the refectory, were designed for a much smaller university than the University of today. On this ground alone, the need for extension is urgent. But I wish to emphasise the fact that the Council has been moved to this action by something far more important than the provision for the physical requirements of our students. I myself remember the University when there were no amenities of this kind. The ground upon which the Council is acting is the need to do what we can to give equality of opportunity to our students, whether they are fortunate or less fortunate in the environment of their homes. Our desire is to give them opportunities for self-development, for enlarging their interests and extending their powers of appraisal, to the end that they may be helped towards the attainment of a full university education.

There are many things that we are apt to take for granted, but if we stop to think about it, we have lived and we are living through an epoch in the history of this State and Commonwealth when the growth of the nation is a matter that might well fill us with wonder. New methods of agriculture, new processes of industry, new people and new international responsibilities have combined to turn us, from a nation not so long ago fixed in rural pursuits, into a complex society enjoying the wealth of economic diversity, but subject to all its perplexing ills. In a society like that much depends on the quality of the universities' graduates, who are required in ever-increasing numbers in every branch of the nation's life.

The University of Adelaide is keenly aware of its responsibility. The proposals on which the Council has decided will cost £200,000, and we have considered how that sum can be provided. During the past year the University has gratefully received a munificent gift from the Government for the improvement of the Medical School, and the Council feels entitled neither to rest on its present decision nor to expect the Government to provide the sum now required. For reasons, which I have endeavoured to make apparent, the purposes of the Council touch every home and interest in the community so closely that we believe that there is ample justification for seeking the community's help. An appeal is to be launched for the required funds and when it is launched, I earnestly hope that it will meet with the response that it deserves.

If I have spoken at length upon this single theme, I have done so because I am impressed by its importance. The extraordinary advancement of the State has been accompanied by social changes

expressing the general will of the people. That advancement and those changes are altering not the aims of the University, but the things which must be done to attain them. Our obligations to the community are so heavy and so clear that I do not believe we shall fail for lack of the means.

Now I would speak more particularly to those who are about to receive their first degree. I offer you our warm congratulations upon what you have already achieved. I trust that in the years to come you will remember the University with affection, and that you will watch with sympathy and understanding its efforts to serve succeeding generations of students. On your graduation you attain to membership of the University. In a few years you will be entitled to take your places in the Senate, and through that membership and through the Graduates' Union, you will be able to keep in touch with the life and affairs of the University. We hope that you will do so, and in the meantime, we wish you success and happiness and useful lives in your chosen vocations.

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In opening the proceedings at the evening ceremony for the granting of diplomas, the Dean of the Faculty of Arts (Professor A. N. Jeffares) said:

The day on which a University confers degrees and grants diplomas and certificates is a happy one. It sets its seal upon the academic attainment of many of its students; they have studied, their knowledge has been tested, and they are admitted into a glorious company: a company of men and women who have similarly heard lectures and studied, submitted to examinations, and been given the blessing of the corporate body which is the university. They are admitted, however, to a company of men and women who have realised that university life is but a training for life in its fuller aspects: of struggle and service, of testing earlier knowledge by later, of tempering theory with travail, of enjoying in maturity the responsibility of attempting to put youthful ideals into practice. To obtain a degree or diploma is a happy experience; but to leave a university should be an experience in which sorrow—at leaving old friends, a unique blend of freedom and discipline, and a gracious way of life—should combine with pleasure at entering for the first time into the outside world, or else re-entering it, refreshed from a respite within the university, a pleasure which must be experienced at the prospect of putting knowledge to use and testing it as well as one's own ability to use and develop it. The one thing a university should have taught us is that life changes constantly and that we must constantly exercise ourselves to keep level with it. We believe that a university should train its sons and daughters to this end. They should have agile minds, critical minds, courageous minds.

They should have . . . Not all of them will, because some students enter a university for the wrong reasons: for social life, for an insurance against unemployment, for a label, for a technical training. All these are aims which are subordinate to what should be the main purpose of entering a university, a simple desire to learn more, an intellectual curiosity. Yet these lesser aims do occupy too many

students almost exclusively at this time of expanded and still expanding universities. The greater the loss of such students, for it is true that the more they put into a university the more they take away with them, the intangible things which go with the scrap of parchment, the right to wear an academic hood, the cluster of letters after the surname. It is these intangible things which count, to the person, to the collection of human beings which is the State, *and* to the university, the corporate body to which they are admitted on successfully finishing their course, the university which has moulded them.

What are these intangible things? Firstly, there is the self-knowledge any good university should generate within its students. *Gnothi Seauton*, said the Greeks, and enough of our humanist tradition remains for this still to be a proper aim of any university. Without knowing his or her limitations a man or woman is a potential liability to himself or herself, and to the other human beings with whom he or she has to live. And to the University most of all, for it is in the University that awareness of limitations can be met.

To say, for example, as a student, "I have never addressed a public meeting," or "I'm sure I couldn't address a public meeting," is to recognise limitations, and to say it should also be to realise the challenge and to attempt to respond to it. It is in a university that an attempt to address a public meeting can be made; because there are many students' societies which hold public meetings; because there are other students obviously in the same position, in every student society (even, some may add, in the ranks of any teaching staff); and because a university provides the opportunity of experimenting, of endeavouring to improve upon limitations. A university is always experimenting, or should be. And it is a good place for a student to learn how to speak, once having realised that he or she can't do so. Good, because it is tolerant, because it is used, or ought to be, to the spectacle of people learning to do new things, to develop their personalities, to change themselves. For it is a place in which, having learned to speak, the student may be lucky enough to realise a further limitation, that he or she is a crashingly long-winded and dull speaker, and may attempt to remedy that defect, to cut out the platitudes, the bureaucratic abstractions, the jargon, the outworn rhetoric, the abysmal self-depreciation, no less depressing because just. And such attempts at self-knowledge will benefit not only the speaker but his immediate circle and public life in general in a country where speeches seem to be built into the foundations of society, but all too often without tie-bars of steely wit, to reinforce their concrete conventionality or without the oiled formers of seasoned timber to hold their fluidity within bounds—timber in Ben Jonson's sense of the word, meaning discoveries, thoughts, original ideas.

I have chosen this example of public speaking because it lies near any democratic action of the good citizen from the days of Athens onwards. To think clearly is not enough; to act alone is not enough. Persuasion is necessary to bring one's views to the notice of others as strongly as possible. And a good university graduate should be ready to modify his or her views in accordance with reason when contrary and convincing arguments greet his or her own: that goes without

saying. So what is necessary is the old-fashioned technique of rhetoric, so prized among the brilliant-minded, freedom-loving Athenians, the sober, administrative, imperial-minded Romans and among the great Parliamentarians of the western world. This rhetoric is only one of the many possessions that a student should have in order to be a successful student within his university, in order to get the most out of his education. He or she should learn much outside as well as inside the lecture room and the library, in the Union, in the S.R.C., in the numerous societies which should be an inevitable part of university life, in the pavilions of sports clubs, in the refectory, in the dining halls of the colleges of the university. And this learning should come from a free association with his contemporaries or with those final-year students who seem so old and wise to the freshman or with the freshmen who seem so refreshingly enthusiastic to the blase graduand. Acquaintance or friendship with the lecturing staff is to be hoped for also, but their friendship must be sought rather than expected, because of the simple fact that the ratio of students to staff is generally high. Australian universities or rather the people and the governments have not yet reached a proper understanding of the fact that higher education, to be fully successful, to pay a bonus as it were upon its dividends, must not be run in such a way that one member of staff is responsible for a hundred students, or even eighty, or even fifty. Ask yourself how many friends you make each year; and then wonder how it is that the better lecturers manage to know so much about so many students. The student in a department has, each year, perhaps, at most two or three lecturers to meet, to fathom, to criticise; but the lecturer is faced with perhaps an audience of two hundred in his lectures, or about five tutorial groups of ten students. He can't know them all. What he can do is to respond to the few who want to know him further. And that cannot be legislated for; staff-student contact is a delicate thing which flourishes without forcing. It should arise spontaneously, out of chance contacts within university life, and it largely depends whether the student thinks he wants it, because there are few, if any, lecturers who would be so churlish as to confine their knowledge of their students to the lecture room or the laboratory. One of the things about teaching and researching in a university which helps to keep the don's brain active is the constant contact with younger men and women, who are asking different questions from those he asked when he was a student. He is fully—and critically—aware of their anxieties and hopes and dreams. He can see often how foolish a student can be, but he also knows how quickly youth changes and he has seen enough not to be too dogmatic in his opinions on students. They are changeable creatures, and how dull they would be, he thinks, if they weren't.

So the sensible student throws himself into a balanced life in the university: primarily into the pursuit of knowledge, preparing himself, educating himself to think, and to form habits of reading, writing, analysing, criticising and experimenting which will accompany him throughout his life and keep him always mentally alive. And secondly, he will join in the life of the university, its constant activity of social life (for a university is composed of men and women who

share and encourage each other in the conservation and extension of knowledge), its exchanges of view, its corporate activities, such as drama and games, debating and music. All this activity goes on unspectacularly all the time; it should be a steady accretion of wisdom and tolerance for the student as he meets men and women of different views and ages and backgrounds.

And for it, there must be leisure. As the numbers increase in the universities and more money has to be provided for them to fulfil their functions properly, there is a danger that they may become more like instrumentalities of government. This must be resisted by all who value them as universities. A casual walk in the afternoon along the Torrens, a prolonged tea in the Romanesque cloisters of the refectory, may do more to open the eyes of the student to a new topic, a new attitude of mind, than ever could be fathomed by the work-sheet or stamped with approval by the time-clock. The great universities of the world have ever realised and fostered this inter-relationship between independence and leisure; this idea lies at the root of any university, that social life is fundamental to the full use of scholarship. Without scholarship, of course, all this seriously-minded social life might be merely fun and games, and the universities might really be open to the crude criticism of the uninformed. There are many anti-intellectuals in the world today, who are loud in their utterance, with their emphasis upon what they choose to call utility; they are the Cleons of this age, whose vision is muddled. It is to a Periclean-like outlook that the attention of any student should be directed. He won't need indoctrinating of any kind; he won't need the teaching that many small men seem to want to shove down his throat. Given a modicum of intelligence—and without that he simply shouldn't be in any university—he will see for himself what is true and what false. He will respect the teacher who does more than teach, who knows and continues to extend his knowledge—he may not be busy publishing, that is not quite so important, though every university teacher should want to attempt to experience some public testing of his own views and ideas and discoveries by his peers, his fellow experts. It is too fatally easy to assume the garb of a sage in front of those who have had less time to specialise in a particular subject. But we all learn from those who know more than we do; not from those who underestimate our capacity to learn and to understand. The good teacher helps the pupil to leave his care as soon as he can. He is always preparing him for his entry into the world. It is not the final examination—labelling that he is ultimately concerned with; it is how others will judge what his students become. Will they have initiative, and industry, and intelligences sharpened by their stay in the university? Or will they parrot out his own views, and rehash his lecture synopses and get through on the minimum of work and a false belief that letters after their names mean their education ceased when they left the doors of a university? The university exists to teach them to keep their minds ever open and penetrating—and, dare I suggest it, kindly, with a deeper knowledge of human nature in them than when they entered.

The student will know how to distinguish; if he does not, then he has failed, and with him the university. If he has not changed in his

three or four years or even his single year at the university he will have been blind to the benefits the university offers. The scholarship must be there for him to imitate: if he has industry and intelligence, and above all, integrity, he will not fail to get from his university this precious legacy of self-energising scholarship, and all that it implies. A university hands on this precious gift, it hands on the tradition of learning from the doctors of Egypt, and Hippocrates, from the philosophers of Plato's academy as they paced through the colonnades, from the Greek scientists, and the Roman lawyers, from the Greek historians and the Roman tempering of pagan ideas with the Christian theology; and from the Renaissance it inherits and transmits that free speculation of the mind which has informed the golden age of modern science, a golden age which left to itself without the memory of past human wisdom will quickly tarnish or utterly vanish.

These intangible things, then, the student can find with us in a university. What can the university expect to find in the student? As the student leaves its doors with degree or diploma or certificate are they shut for ever behind him or her? Surely not. Surely our ideas of what a university is contain not merely students and teachers, but the whole body of students, past and present. It is upon its graduates that you judge a university. What men and women has it turned out? Do they turn their backs upon the fount of their intellectual life? Or do they believe in what they received and return often through its doors to continue their friendships with the teaching staff, to continue their work at a postgraduate level, to take refresher courses, or, best proof of all that the university was right to foster them, do they return to aid it? Do they help its affairs, do they give back something in appreciation of what they got from it—not as a repayment, but in the only way that we can repay kindness—by passing on to others what we received ourselves, a living tradition of civilisation. Do they want to play their part in its continuing life? What the university gave, it gave; it doesn't want thanks or repayment; but what it does want is to kindle in its graduates and its holders of diplomas a lasting interest in education, in research and teaching, in short, in all the flowering of the human spirit by which we judge past civilisations and by which we will in time be judged ourselves. Every graduate, every past student of a university will inevitably ask himself or herself some day what he received from the university, or if he or she had all that the university had to offer in scholarship and friendship, in specialisation and extension; then there can be but one answer, that the gift was of a life with wider horizons, with richer meaning than it otherwise would have had, a fuller and more useful life. All the university would suggest is that having made such an answer there must be an almost automatic rider to it: that it has also laid upon the student the obligation to help to defend the tradition of universities as places where enquiry is unfettered, and speech is free, where ideas, not incomes, are weighed in the scale, where accuracy is acclaimed and cant castigated. That is what being a graduate means. Being part of a university is being part of a great and living tradition, of humility before mystery, of ceaseless searching after truth, of comradeship in learning. And being a graduate, and being part of a university means that you must not cease to assist

others to obtain the benefits you yourself have had, and to help them to obtain them in greater degree than you had them. You belong to the university all the more as you leave its portals, because you now go forward to a greater testing, and you bear with you the reputation of your friends and your teachers and the graduates who have gone before you. It is because the university has recognised your fitness to carry on its way of life of hard work and hard thinking, its tolerance and its traditions bred and nurtured in academic freedom, that it now awards you a public recognition of its approval. This is no small thing to bear with you: and the university is sure you will prove yourselves its worthy children.



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# Financial Statements

1954

## THE UNIVERSITY

*Income and Expenditure Account for*

INCOME		£	£	£
<b>NORTH TERRACE</b>				
<i>Government Grants—</i>				
Special Act .....			39,000	
Vote .....			477,600	
			<u>516,600</u>	
Surplus carried forward from 1952 and 1953 .....				13,752
<i>Interest—</i>				
Commonwealth Inscribed Stock .....			15,662	
State Treasury Deposit Account .....			837	
Mortgage Advances .....			3,444	
			<u>19,943</u>	
Less Interest credited to Special Funds .....			7,774	
				<u>12,169</u>
<i>Dividends on Shares</i> .....				17,100
<i>Students' Fees</i> .....				72,690
<i>Other Income</i> .....				14,592
Balance, Deficiency—1954 .....				8,485
				<u>655,388</u>

**WAITE AGRICULTURAL RESEARCH INSTITUTE**

<i>Government Grants—</i>				
Special Act .....		5,000		
Vote .....		73,000		
			<u>78,000</u>	
Surplus carried forward 1953 .....			8,221	
Interest .....			11,447	
Sundry .....			4,994	
C.S.I.R.O. Accounts—Contra .....			14,896	
Wool Research Fund—Contra .....			4,272	
			<u>121,830</u>	
				<u>£ 777,218</u>

W. MEIKLEJOHN,  
Accountant.

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, 1954, and do certify the above statement to be a correct abstract of such Income and

## OF ADELAIDE

the year ended 31st December, 1954.

EXPENDITURE		£	£
<b>NORTH TERRACE—</b>			
<i>Departmental—</i>			
Salaries and Wages .....		334,463	
Travelling Expenses—New Appointments .....		3,550	
Faculty Expenses .....		11,234	
Laboratory Grants .....		23,099	
Equipment—Items under £ 500 .....		34,552	
		<u>406,898</u>	
<i>Library—</i>			
Salaries .....		15,261	
Books and Binding .....		15,470	
		<u>30,731</u>	
<i>Administrative—</i>			
Salaries .....		36,744	
Travelling Expenses—New Appointments .....		300	
		<u>37,044</u>	
<i>Research—</i>			
Salaries .....		24,398	
Maintenance .....		10,759	
Apparatus .....		9,285	
		<u>44,442</u>	
<i>Maintenance of Property—</i>			
Caretakers' and Cleaners' Wages .....		22,431	
Repairs to Buildings .....		16,489	
Maintenance of Site and Grounds .....		4,834	
Maintenance of Sports Ground .....		5,505	
		<u>49,259</u>	
<i>University College Scholarships</i> .....			6,485
<i>Sundry—</i>			
Pay Roll Tax .....		9,773	
Public Examinations .....		16,453	
Scholarships and Prizes .....		5,172	
Printing, Stationery, Miscellaneous .....		23,517	
Gas, Water, Electricity, Insurance .....		14,431	
Special Grants .....		3,858	
Study Leave .....		7,325	
		<u>80,529</u>	
			<u>655,388</u>
<b>WAITE AGRICULTURAL RESEARCH INSTITUTE</b>			
Salaries .....		67,768	
Maintenance Charges .....		21,629	
Equipment—Items under £ 500 .....		11,029	
C.S.I.R.O. Account—Contra .....		14,896	
Wool Research Fund—Contra .....		4,272	
Surplus—1954 .....		2,236	
		<u>121,830</u>	
			<u>£ 777,218</u>

Expenditure during 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, 1954.

R. M. STEELE, Chartered Accountant (Aust.),

E. F. HUNWICK, Chartered Accountant (Aust.)

Adelaide, 6th April, 1955.

Auditors.

## THE UNIVERSITY

*Statement of Balances of Capital*

LIABILITIES		£	£	£
<b>NORTH TERRACE</b>				
<i>Endowments, etc.—</i>				
General .....		914,273		
Sale of Country Lands .....		40,000		
Grants and Donations for University Site .....		11,776		
Contribution to Buildings by Government of S.A. ....		145,100		
Contributed from Income towards Buildings .....		78,599		
Grant from Unemployment Relief Council for Johnson Chemical Laboratories .....		12,000		
Advance from Appropriation Account for Buildings .....		15,525		
Gift from Pharmaceutical Society for Building .....		300		
Contributed by Dept. of Commerce to Medical School Building .....		12,502		
		1,230,075		
<i>Commonwealth Reconstruction Training Scheme—</i>				
Commonwealth Government .....		342,882		
Government of S.A. ....		213,205		
Contributed from Income .....		87,957		
		644,044		
			1,874,119	
<i>Reserves and Special Funds—</i>				
State Government — Provision for Buildings and Equipment over £500 .....		26,000		
Less transferred to University and C.R.T.S. Buildings .....		8,728		
		17,272		
Provision for Capital Equipment over £500—Balance 1/1/54 .....		8,818		
Add .....		125		
		8,943		
Less transferred to Apparatus over £500 and University Buildings .....		8,943		
		—		
Special Donations .....			17,322	
Superannuation Funds .....			57,485	
Redemption of Stock—Balance .....			9,405	
Share Fluctuation Reserve .....			17,220	
Equipment Reserve .....			7,435	
Special Reserve Fund — Buildings and Equipment .....			4,000	
H.M. Government of S.A. — Advance Payment for 1955 .....			38,650	
<i>Unexpended Balances—</i>				
Scholarship Accounts .....		10,957		
Library Accounts .....		4,447		
Special Accounts .....		59,171		
		74,575		
			243,364	
			2,117,483	
	Carried forward .....			

## OF ADELAIDE

Accounts as at 31st December, 1954.

ASSETS			£	£	£
<b>NORTH TERRACE</b>					
<i>Investment of Endowments, etc.—</i>					
Commonwealth Inscribed Stock at par .....			301,830		
Share and Stock Investments .....			268,558		
University Site .....			11,776		
University Buildings—Book Value .....			422,740		
Other Land and Buildings .....			30,579		
Books—Barr Smith Library .....			9,106		
Advances on Mortgages .....			84,913		
Funds held by Trustees .....			33,909		
			1,163,411		
<i>Commonwealth</i>	<i>Reconstruction</i>	<i>Training</i>			
<i>Scheme—</i>					
Buildings .....			636,352		
Equipment .....			74,356		
			710,708		
				1,874,119	
<i>Investment of Reserves and Special Funds—</i>					
Commonwealth Inscribed Stock, at par				126,035	
(Balance) .....				81,485	
Investment Properties and Improvements				33,645	
Current Balances—Cash, Debtors, etc. ....				2,199	
Building Advance—Observatory .....				243,364	
				2,117,483	
Carried forward .....					

	£	£
Brought forward .....		2,117,483
<b>LIABILITIES</b>		
<i>Equipment—</i>		
Contributed from Income .....	244,805	
Less Income and Expenditure Deficit, 1954 .....	8,485	
	<u>236,320</u>	
Special Donations .....		55,396
Funds provided by H.M. Government of S.A.:		
For Equipment "under £500" .....	100,357	
For Library .....	50,544	
For Apparatus "over £500" .....	23,286	
For Furniture "over £500" .....	1,372	
	<u>175,559</u>	
		<u>467,275</u>
 <i>Lord Mayor's Cancer Appeal Fund—</i>		
Contributions .....		102,794
 <b>WAITE AGRICULTURAL RESEARCH INSTITUTE</b>		
Endowments—General .....	227,863	
Endowments for Laboratories .....	35,000	
Donations .....	19,800	
Contributed from Income .....	94,795	
Motor Truck Maintenance Accounts .....	3,172	
Funds provided by H.M. Government of S.A.:		
For Equipment "under £500" .....	31,847	
For Library .....	8,147	
For Equipment "over £500" .....	12,660	
	<u>52,654</u>	
Unexpended Balances .....		1,081
Commonwealth R.T. Scheme—		
Commonwealth Government Contri- bution to Buildings .....		9,602
Income and Expenditure Surplus, 1954 .....		2,236
		<u>446,203</u>
Carried forward .....		<u>3,133,755</u>

FINANCIAL STATEMENTS

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Brought forward .....

£ £  
2,117,483

ASSETS

*Equipment—*

Apparatus .....	267,437	
Library Books and Binding .....	136,919	
Furniture .....	61,328	
Material in Workshops .....	1,591	
	<u>467,275</u>	

*Lord Mayor's Cancer Appeal Fund—*

Invested in Commonwealth Inscribed Stock at par .....	100,000	
Balance of Current Account .....	2,794	
	<u>102,794</u>	

WAITE AGRICULTURAL RESEARCH INSTITUTE

Land, Uirbrae House, etc. ....	50,928	
Funds held by Trustees .....	114,304	
Commonwealth Inscribed Stock, at par	67,105	
Buildings .....	99,686	
Equipment and Furniture .....	94,488	
Library .....	19,270	
Petty Cash and Advance Account .....	422	
	<u>446,203</u>	

Carried forward .....

3,133,755



Brought forward ...

£ 3,133,755

*Contingent—*

Bequests in Deceased Estates subject to life and other interests:

Estate late Clement Phillipson  
 Estate late Georgina Maud Dowling  
 Estate late Ruby Chambers  
 Estate late Constance Fraser  
 Estate late J. T. Mortlock  
 Estate late Ruby C. Davy  
 Estate Mrs. L. M. Owen-Smyth  
 Estate late Laura Anita Shanasy  
 Estate late Fred Johns  
 Estate late R. T. Melrose  
 Estate late Emma Jeffress  
 Estate late Hugh Hughes (Balance)  
 Estate late William Donnithorne (Balance)  
 Estate late E. F. Hern (Balance)  
 Estate late Edward Neale (Balance)

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 £ 3,133,755
 

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W. MEIKLEJOHN,  
 Accountant.

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 day of December, 1954, 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

Brought forward .....

£3,133,755

*Contingent—*

Bequests in Deceased Estates subject to life and other interests:

Estate late Clement Phillipson  
 Estate late Georgina Maud Dowling  
 Estate late Ruby Chambers  
 Estate late Constance Fraser  
 Estate late J. T. Mortlock  
 Estate late Ruby C. Davy  
 Estate Mrs. L. M. Owen-Smyth  
 Estate late Laura Anita Shanasy  
 Estate late Fred Johns  
 Estate late R. T. Melrose  
 Estate late Emma Jeffress  
 Estate late Hugh Hughes (Balance)  
 Estate late William Donnithorne (Balance)  
 Estate late E. F. Hern (Balance)  
 Estate late Edward Neale (Balance)

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 £3,133,755
 

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apportionment, however, has been 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, 1954. We further report that the securities, etc., representing the investments shown in the above statement, as well as the Land Grants and Certificates of Title belonging to the University, have been verified by us.

R. M. STEELE, Chartered Accountant (Aust.) }  
 E. F. HUNWICK, Chartered Accountant (Aust.) } Auditors.

Adelaide, 6th April, 1955.

## STATEMENT OF SEPARATE

	£	s.	d.
<b>ANTI-CANCER COMMITTEE—</b>			
Grant by H.M. Government of S.A. ....	5,000	0	0
Income from Neale Endowment .....	750	0	0
Income from R. F. Mortlock Endowment .....	150	19	10
Income from E. F. Hern Endowment .....	29	14	0
Income from C. V. Crocombe Estate .....	111	13	2
Income from R. T. Melrose Estate .....	66	13	10
Income from J. Grinberg Endowment .....	3	0	0
Income from H. L. Heuzenroeder Estate .....	85	7	7
Income from Hoare Estate .....	208	8	10
Interest .....	315	12	5
Donations .....	6	10	0
Sale of Radon, etc. ....	549	11	6
Interest—Lord Mayor's Fund .....	3,125	0	0
	<u>£10,402</u>	<u>11</u>	<u>2</u>
<b>JOINT COMMITTEE—TUTORIAL CLASSES—</b>			
Balance unexpended, 1st January, 1954 .....	1,051	18	0
Grant by H.M. Government of S.A. ....	5,400	0	0
Fees—Summer School .....	368	15	6
Donations .....	6	11	0
	<u>£6,827</u>	<u>4</u>	<u>6</u>
<b>UNION FEES—</b>			
Fees received for year .....	12,823	17	4
	<u>£12,823</u>	<u>17</u>	<u>4</u>
<b>HOSPITAL FEES—</b>			
Royal Adelaide Hospital—Honorary Staff .....	1,750	0	0
Director-General of Medical Services .....	411	12	0
Dental Hospital .....	493	10	0
Queen Victoria Maternity Hospital .....	1,430	13	3
Adelaide Children's Hospital .....	88	4	0
Adelaide Children's Hospital—Honorary Staff .....	252	0	0
Institute of Medical and Veterinary Science—Fees .....	242	11	0
	<u>£4,668</u>	<u>10</u>	<u>3</u>
<b>EDWARD NEALE TRUST FUND—</b>			
Income for year 1954 .....	£750	0	0
<b>RESIDENTIAL COLLEGES—</b>			
Commonwealth Grant through Government of S.A. ....	3,095	0	0
	<u>£3,095</u>	<u>0</u>	<u>0</u>

## ACCOUNTS FOR THE YEAR 1954.

	£	s.	d.
<b>ANTI-CANCER COMMITTEE—</b>			
Balance, 1st January, 1954	529	6	3
Salaries and Pay Roll Tax	5,607	19	5
Radon Department	90	8	10
Equipment	422	12	5
Library	198	0	0
Physicists' Workshop	116	2	9
Sundries	245	18	7
Grant to I.M.V.S.	1,500	0	0
Balance unexpended 31st December, 1954	1,692	2	11
	<u>£10,402</u>	<u>11</u>	<u>2</u>
<b>JOINT COMMITTEE—TUTORIAL CLASSES—</b>			
Salaries and Pay Roll Tax	2,718	0	6
Honoraria—Tutors and Lecturers	2,332	0	6
Expended on Books	178	19	7
Tutors' Travelling Expenses	201	16	8
Freight Charges	13	11	11
Accommodation—Summer School	217	13	0
Hire of Halls, Films and Projection Expenses	99	19	3
Expended on Stationery, Duplicating Material, Telephone, Advertising, Petty Cash, etc.	204	13	2
Balance unexpended 31st December, 1954	860	9	11
	<u>£6,827</u>	<u>4</u>	<u>6</u>
<b>UNION FEES—</b>			
Refunded to Students	86	14	10
Paid to Union Committee	12,724	2	6
Balance, 31st December, 1954	13	0	0
	<u>£12,823</u>	<u>17</u>	<u>4</u>
<b>HOSPITAL FEES—</b>			
Royal Adelaide Hospital—Honorary Staff	1,750	0	0
Director-General of Medical Services	411	12	0
Dental Hospital	493	10	0
Queen Victoria Maternity Hospital	£1,266	2	6
Balance (paid to Q.V.M.H., March, 1955)	164	10	9
	<u>1,430</u>	<u>13</u>	<u>3</u>
Adelaide Children's Hospital	88	4	0
Adelaide Children's Hospital—Honorary Staff	252	0	0
Institute of Medical and Veterinary Science—Fees	242	11	0
	<u>£4,668</u>	<u>10</u>	<u>3</u>
<b>EDWARD NEALE TRUST FUND—</b>			
Transferred to Anti-Cancer Fund, 1954	£750	0	0
<b>RESIDENTIAL COLLEGES—</b>			
St. Mark's College	873	9	2
St. Ann's College	739	6	2
Aquinas College	739	6	1
Lincoln College	742	18	7
	<u>£3,095</u>	<u>0</u>	<u>0</u>

CALENDAR OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR 1955

PART IV

1. Regulations—	
Degree of Bachelor of Arts - - - - -	403
Associate in Arts and Education - - - - -	410
Diploma in Education - - - - -	411
Degree of Master of Arts - - - - -	412
Degree of Doctor of Letters - - - - -	414
Degree of Bachelor of Economics - - - - -	415
Degree of Master of Economics - - - - -	419
Degree of Bachelor of Science - - - - -	420
Degree of Master of Science - - - - -	426
Degree of Doctor of Science - - - - -	428
Degree of Bachelor of Agricultural Science - - - - -	429
Degree of Master of Agricultural Science - - - - -	433
Degree of Bachelor of Engineering - - - - -	434
Degree of Master of Engineering - - - - -	437
Degree of Bachelor of Laws - - - - -	447
Degree of Master of Laws - - - - -	454
Degree of Doctor of Laws - - - - -	455
Degrees of Bachelor of Medicine and Bachelor of Surgery - - - - -	456
Degree of Bachelor of Medical Science - - - - -	464
Degree of Doctor of Medicine - - - - -	465
Degree of Master of Surgery - - - - -	466
Degree of Bachelor of Dental Surgery - - - - -	469
Degree of Master of Dental Surgery - - - - -	473
Degree of Doctor of Dental Science - - - - -	474
Diploma of Associate in Music - - - - -	475
Fellowship of the Elder Conservatorium of Music - - - - -	479
Degree of Bachelor of Music - - - - -	480
Degree of Doctor of Music - - - - -	485
Diploma in Commerce - - - - -	486
Diploma in Public Administration - - - - -	489
Diploma in Pharmacy - - - - -	491
Diploma in Physical Education - - - - -	492
Diploma in Social Science - - - - -	494
Diploma in Physiotherapy - - - - -	495
Degree of Doctor of Philosophy - - - - -	497
2. Notes to candidates for higher degrees - - - - -	500



## REGULATIONS

For conditions of matriculation, see Chapter IX of the Statutes. The numbers in brackets after the subjects refer to the syllabuses.

### OF THE DEGREE OF BACHELOR OF ARTS REGULATIONS

1. There shall be an Honours degree and an Ordinary degree of Bachelor of Arts. A candidate may obtain either degree or both.

\*2. The following shall be the subjects of lectures and examinations for the Ordinary degree:

Greek I (1), II (2), and III (3);  
Latin I (5), II (6), and III (7);  
Comparative Philology (9);  
French I (31), II (32), and III (33);  
German I (41), II (42), and III (43);  
English Language and Literature IA (20), I (21), II (22),  
and III (23);  
History IA (51), IB (52), IIA (53), IIB (54), and III (55);  
Politics I (61), II (62), IIIA (63), and IIIB (64);  
Economics I (151), II (152), and III (153);  
Social Economics (150);  
Geography I (91), II (92), and III (93);  
Economic Geography (95);  
Philosophy I (71), IIA (72), IIB (73), IIIA (74), IIIB (75);  
Psychology I (81), II (82), and III (83);  
Education (101);  
Pure Mathematics I (201), II (203), and III (205);  
Statistical Methods (213), and Mathematical Statistics (214);  
Music I (121 or 122), II (123 or 124), and III (125 or 126).

#### Science Subjects:

Applied Mathematics I (207), II (209), and III (211);  
Physics I (221) and II (222);  
Chemistry I (231) and II (233 or 235) (Inorganic or  
Organic);  
Botany I (261) and II (262);  
Zoology I (271), IB (273), and II (274);  
Geology I (251) and II (252);  
Biology (269).

Except by special permission of the Faculty only candidates who present Psychology II as a subject in their course may present Zoology IB as a Science subject.

Each of the above-mentioned divisions of a subject (e.g., Greek I) or an undivided subject (e.g., Comparative Philology) is a course in that subject, except that Greek II counts as two courses.

\* Allowed 22nd January, 1953; amended 11th November, 1954; further amendment awaiting allowance at time of printing.

3. A candidate for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:

- (a) Classics (11),
- (b) English Language and Literature (28),
- (c) French Language and Literature (38),
- † (d) History (58),
- (e) Economics (158),
- (f) Geography (98),
- (g) Philosophy (78),
- (h) Mathematics (218),
- \* (i) German Language and Literature (47),
- † (j) Politics (68),

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 after having taken at least one course in the school. 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.

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.

\* Allowed 11th November, 1954.

† Awaiting allowance at time of printing.



6. Except by permission of the Faculty a candidate shall not proceed to a course for which he has not completed the pre-requisite courses prescribed in the syllabuses.

7. A candidate may be excused attendance at lectures in any subject in which he desires to be examined, but only upon grounds approved by the Council. Exemption in more than two subjects in any one year will be allowed only in exceptional circumstances.

8. A candidate shall do such written or practical work as may be prescribed by the Professor or Lecturer.

9. The annual examinations shall take place towards the end of the academic year. When entering for examination a candidate shall present on the prescribed form certificates showing that 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 or 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.

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 following fees shall be paid in advance in such instalments as the Council shall from time to time determine:

A. Ordinary degree of B.A.:

- |   |        |
|---|--------|
| (1) For lectures and examination in each course   |        |
| except in Science subjects - - - -                | £5 5 0 |
| (2) For attendance a second or subsequent time at |        |
| lectures and examination in any course - -        | 2 12 6 |

- (3) For a special examination or for an annual examination in any course with exemption from attendance or re-attendance at lectures 2 12 6
- (4) For lectures, laboratory work, and examinations in each course in a Science subject the same fees as are prescribed in the regulations of the degree of Bachelor of Science.

**B. Honours degree of B.A.:**

- (1) For such subjects of the course for the Ordinary degree as they are required to pass, candidates pay fees prescribed in Sub-Section A.
- (2) For the following special courses:
- |  |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|
| Old and Middle English I and II. Each course                           | - | - | - | - | - | - | 5 | 5 | 0 |
| Old and Middle French I and II. Each course                            | - | - | - | - | - | - | 5 | 5 | 0 |
| First-year and second-year Honours courses in Mathematics. Each course | - | - | - | - | - | - | 5 | 5 | 0 |
- (3) For lectures in the following schools:
- |                                  |   |   |   |   |   |   |    |    |   |
|----------------------------------|---|---|---|---|---|---|----|----|---|
| Classics                         | - | - | - | - | - | - | 15 | 15 | 0 |
| †History                         | - | - | - | - | - | - | 15 | 15 | 0 |
| †Politics                        | - | - | - | - | - | - | 15 | 15 | 0 |
| Philosophy                       | - | - | - | - | - | - | 15 | 15 | 0 |
| Mathematics                      | - | - | - | - | - | - | 26 | 5  | 0 |
| English Language and Literature: |   |   |   |   |   |   |    |    |   |
| Under Scheme A                   | - | - | - | - | - | - | 21 | 0  | 0 |
| Under Scheme B                   | - | - | - | - | - | - | 15 | 15 | 0 |
| French Language and Literature   | - | - | - | - | - | - | 15 | 15 | 0 |
| Economics                        | - | - | - | - | - | - | 15 | 15 | 0 |
| Geography                        | - | - | - | - | - | - | 15 | 15 | 0 |
| *German Language and Literature  | - | - | - | - | - | - | 15 | 15 | 0 |
- (4) For the final examination in each school - - 7 7 0

Note.—These fees cover all work, except courses for the Ordinary degree and special courses expressly provided for in B (2) above, which the Head of the school considers necessary for the Honours course selected.

The fees which a candidate pays for a course of lectures or an examination which he afterwards finds himself unable to attend, shall not be returned, unless the Council shall otherwise determine.

\* Allowed 11th November, 1954. † Awaiting allowance at time of printing.  
Allowed 17th January, 1952.

**SCHEDULES MADE BY THE COUNCIL UNDER  
REGULATION 5.**

**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 French or German approved by the Faculty.

2. Except in special circumstances approved by the Council, a candidate must complete, either before or in the year in which he presents himself for the final Honours examination, the following courses:

- (a) For the Honours degree in Classics:  
 Greek I, II and III;  
 Latin I, II and III;  
 Comparative Philology;  
 English Language and Literature I.
- (b) For the Honours degree in English Language and Literature:  
 There shall be alternative schemes of study: A and B.  
*Scheme A:*  
 English Language and Literature I, II and III;  
 Old and Middle English I and II;  
 Two additional courses, including at least one course in a language other than English.  
*Scheme B:*  
 English Language and Literature I, II and III;  
 A sequence of three courses in another subject approved by the Faculty;  
 Two additional courses.  
 Course I in a language other than English must be presented as one of the five elective courses.
- (c) For the Honours degree in French Language and Literature:  
 French I, II and III;  
 Old and Middle French I and II;  
 Latin I and II, or Greek I and II, or German I and II, or English Language and Literature I and II, or History I (A or B or C) and II (A or B), or Philosophy I and II (A or B);  
 Course III in the subject already chosen from the foregoing list, or Course I in another subject in that list. Comparative Philology may take the place of Course III in a language other than English, and International Relations the place of Course III in History. Latin I must be taken by all students who have not already passed in it or in Latin at the Leaving Honours Examination.
- (d) For the Honours degree in History:  
 History I (A or B), II (A or B), and III;  
 Social Economics or Economics I;  
 Four other courses;  
 An examination in French, German or Italian approved by the Council.
- (e) For the Honours degree in Economics:  
 Economics I, II and III;  
 History IIB;  
 Economic Geography;

- Pure Mathematics IA and IIA;  
 Economic Statistics I and II;  
 An examination in French or German approved by the Council.
- (f) For the Honours degree in Geography:  
 Geography I, II and III;  
 Course I of any Science subject specified in Regulation 2, except Applied Mathematics;  
 Courses I, II and III in History, Economics or some other subject approved by the Faculty: provided that a candidate who wishes to present Geology II may do so in lieu of Course III in this subject;  
 Course I in a language other than English.  
 Candidates who had completed the course for the ordinary degree of Bachelor of Arts in or before 1951 may present such pass subjects as may be approved in each case by the Faculty.
- (g) For the Honours degree in Philosophy:  
 Philosophy I, IIA, IIB, IIIA and IIIB;  
 Courses I and II in another subject for the Ordinary degree;  
 One additional course.  
 Course I in a language other than English must be presented as one of the three elective courses.
- (h) For the Honours degree in Mathematics:  
 The first-year and second-year Honours courses in Pure Mathematics;  
 Applied Mathematics I and II and Statistical Methods;  
 Two additional courses not included in the Science subjects, and such other courses as may be prescribed, with the concurrence of the Faculty, by the Professor of Mathematics.
- (i) For the Honours degree in German:  
 German I, II and III;  
 Interim Honours German I and II;  
 Three additional courses, including preferably—  
   (a) English IA or I or French I; and  
   (b) Philosophy I.
- (j) For the Honours degree in Politics:  
 Politics I, II, IIIA and IIIB;  
 History II (A or B);  
 Social Economics or Economics I;  
 Two other courses;  
 An examination in French, German or Italian approved by the Council.

3. In addition to the courses specified in paragraph 2 of this schedule every candidate shall undertake during the second, third and fourth years of his course such Honours work as the Head of the Department shall require.

4. Except by permission of the Faculty a candidate shall take the whole of the final examination for the Honours degree at the one annual examination.

### SCHEDULE II: THE ORDINARY DEGREE

The ten courses presented by a candidate for the Ordinary degree shall include:

- (a) at least one course in a language other than English;
- (b) at least one course in a Science subject or Philosophy I, and not more than four courses in Science subjects;
- (c) not more than four courses which have been presented for any other degree;
- (d) not more than five of the following: Greek I, Latin I, French I, German I, English I or IA, History IA or IB, Politics I, Economics I, Social Economics, Geography I, Economic Geography, Philosophy I, Psychology I, Pure Mathematics I, Applied Mathematics I, Physics I, Chemistry I, Botany I, Zoology I or IB, Biology, Geology I, Music I;
- (e) two of the following sequences of three courses each, permissible sequences being indicated by the arrows:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Greek I	→ Greek II	→ Greek III → Comparative Philology
2. Latin I	→ Latin II	→ Latin III → Comparative Philology
3. French I	→ French II	→ French III → Comparative Philology
4. German I	→ German II	→ German III → Comparative Philology
5. English I	→ English II	→ English III
6. History I (A or B)	→ History II (A or B)	→ History III → Politics IIIB
7. Politics I	→ Politics II	→ Politics IIIA → Politics IIIB
8. Economics I	→ Economics II	→ Economics III
9. Geography I	→ Geography II	→ Geography III
10. Philosophy I	→ Philosophy IIA → Philosophy IIB	→ Philosophy IIIA → Philosophy IIIB
11. Psychology I	→ Psychology II	→ Psychology III
12. Pure Mathematics I	→ Pure Mathematics II → Statistical Methods	→ Pure Mathematics III → Mathematical Statistics
*13 Applied Mathematics I	→ Applied Mathematics II	→ Applied Mathematics III
14. Music I	→ Music II	→ Music III

\*N.B. Candidates should note that both Applied Mathematics I and Pure Mathematics I are prerequisite for Applied Mathematics II, and that both Applied Mathematics II and Pure Mathematics II are prerequisite for Applied Mathematics III.

No course shall be counted twice, and a candidate shall not present both of the following pairs of subjects:

- English I and English IA;
- Economics I and Social Economics;
- Geography I and Economic Geography.

A candidate who has been accepted by the Board of Studies in Social Science as a candidate for the diploma in Social Science may present Social Biology A in lieu of the first-year course in a Science subject required for the degree.

Students wishing to proceed to Psychology II must complete both Psychology I and either Zoology IB or Neurophysiology. No student will be admitted to the examination in Neurophysiology unless he has completed the first two terms' work in either Zoology I or Biology.

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### ASSOCIATE IN ARTS AND EDUCATION REGULATIONS

\*1. To qualify as an Associate in Arts and Education a candidate shall—

- (a) hold the Leaving Certificate, including a pass in English, or have passed in five subjects including English at the Leaving Examination, or possess an equivalent qualification approved by the Council; and thereafter
- (b) attend lectures regularly and pass examinations in English I, Psychology, Education and three other of the subjects set out in Regulation 2 of the degree of Bachelor of Arts.

2. A candidate will not be admitted to a course in Mathematics or in a language other than English unless he has satisfied the requirements for admission to the course as prescribed from time to time.

3. A candidate who has fulfilled these conditions shall receive a diploma which will entitle him to be styled an Associate of the University, and to use the letters A.U.A.

4. A candidate may be granted exemption from attendance at lectures on any subject of examination, but only under the conditions prescribed in Regulation 7 of the Degree of Bachelor of Arts.

†5. (a) A graduate in Arts shall not be eligible to qualify also as an Associate in Arts and Education.

(b) Except as provided for in paragraph (c) of this regulation, not more than two subjects shall be presented both for the diploma in Arts and Education and for any other degree or diploma.

(c) An Associate who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree any or all of the subjects which he presents for the diploma of Associate provided:

\* Amended 16th December, 1948. † Allowed 16th December, 1948.

- (i) that he complete the requirements for matriculation before taking any further subject towards the degree; and
- (ii) that he surrender his diploma before being admitted to the degree.

Allowed 10th July, 1947.

Note: The Council has prescribed the fee of £2 2s. for the granting of the diploma.

## OF THE DIPLOMA IN EDUCATION REGULATIONS

1. There shall be a diploma in Pre-Primary Education, a diploma in Primary Education, and a diploma in Secondary Education. A candidate may take any one or more than one of the diplomas.

2. (a) A candidate for the diploma in Pre-Primary Education or for the diploma in Primary Education shall either (i) have obtained a degree of the University in Arts, Science, Economics, or Agricultural Science, or (ii) have passed the prescribed examinations in ten courses in the Faculty of Arts, of which English Language and Literature I shall be one.

(b) A candidate for the diploma in Secondary Education shall be a graduate of the University in Arts, Science, Economics, or Agricultural Science.

†(c) A candidate who has obtained the degree of Bachelor of Arts or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, to proceed to the diploma in Pre-Primary, Primary or Secondary Education.

\*3. To obtain the diploma a candidate shall have attended lectures and passed examinations in the following subjects:

- (a) Psychology (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 (82) 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.

\* Allowed 7th December, 1939.

† Allowed 14th December, 1950.

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 undermentioned fees shall be payable in advance in such instalments as the Council shall from time to time determine:

(1) For lectures and examination in Hygiene	-	£3	3	0	
(2) For lectures and examination in Educational Psychology, Parts I and II. Each part	-	-	2	2	0
(3) For lectures and examination in the Principles of Education (Pre-Primary, or Primary, or Secondary), Parts I, II, and III. Each part	-	-	2	2	0
(4) For the course in Practical Teaching	-	-	3	3	0
(5) For the Diploma	-	-	2	2	0

One-half of the fee prescribed for any course shall be paid by a student who is exempted from lectures, and by one who takes lectures or examinations, or both, a second time.

Allowed 8th December, 1938.

## 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.

\* Allowed 14th December, 1944.



## 3. Every candidate shall either

- §(a) present a satisfactory thesis on a subject approved by the Faculty of Arts, and shall, if required, adduce sufficient evidence that the thesis is his own work: provided that in Classics or Mathematics a candidate may present himself for an examination in lieu of presenting a thesis; or
- (b) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work selected from two departments within the Faculty, and approved by the Faculty.

‡ For the purpose of section (b) of this regulation, the following combined courses are approved by the Faculty:—Philosophy and Mathematics, Philosophy and Greek, Philosophy and English Language and Literature, Philosophy and Politics, Philosophy and History, Politics and History, Politics and Classics, History and Classics, Politics and Economics, History and Economics, History and English Language and Literature, English Language and Literature and Latin, English Language and Literature and Greek, Mathematics and Greek, Latin and French, English Language and Literature and French, French and History, French and Philosophy.

The Faculty will consider applications for permission to take combined courses other than those set out above.

\*4. Candidates who have obtained the degree of Bachelor of Arts or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, and provided that they comply with Regulation 2, to proceed to the degree of Master of Arts.

†5. 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 following fees, which include the fee for examination, shall be payable in advance in such instalments as the Council may from time to time determine:

## (a) Under Regulation 2 (b and c)—

For instruction in courses other than those provided for the Ordinary Degree of B.A.	£10	10	0
For guidance without instruction	-	-	5 5 0

## (b) Under Regulation 3—

On approval of the subject of the thesis or on beginning the course of study	-	-	10 10 0
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(c) On admission to the degree	-	-	5 5 0
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7. All previous regulations of the degree of Master of Arts are hereby repealed. Candidates who have graduated as Bachelors of

§ Amended 14th December, 1950.

‡ Allowed 11th November, 1954.

† Allowed 30th November, 1933.

• Allowed 17th December, 1931.

Arts in or before the year 1930 and who wish to proceed under the regulations hereby repealed must apply to the Council to have their position defined. In any case, all candidates proceeding under the regulations hereby repealed must complete the course not later than December, 1933.

Allowed 10th December, 1930.

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## OF THE DEGREE OF DOCTOR OF LETTERS REGULATIONS

1. A person who is

- (a) a Bachelor of Arts, with Honours, of four years' standing, or
- (b) the holder of any Master's degree of three years' standing, or
- (c) the holder of any Doctor's degree

in the University of Adelaide, may proceed to the degree of Doctor of Letters by complying with the following regulations.

2. To qualify for the degree a candidate shall furnish satisfactory evidence that he has made an original, substantial and scholarly contribution to some branch of letters.

The degree shall be awarded primarily on a consideration of such of his published works as a candidate may submit for examination, but the examiners may take into account any unpublished original work that he may submit in support of his candidature.

The Faculty of Arts, if it approve of the subject or subjects of the work submitted, shall nominate examiners, of whom one at least shall be an external examiner.

Every candidate in submitting his published and unpublished work shall acknowledge the main sources from which his information is derived and the extent to which he has availed himself of the work of others. He shall also state in general terms the grounds of his claims to have made an original contribution.

3. Four copies of the work submitted for the degree shall be forwarded to the Registrar, and if the work be approved by the examiners one copy shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

4. A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Arts, be admitted to the degree of Doctor of Letters.

5. The following fees shall be payable in advance:

On approval of the subject of the work	-	-	-	£21	0	0
On admission to the degree	-	-	-	5	5	0

Allowed 11th November, 1954.

**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. The names of candidates who pass with credit at an annual examination in any subject or division of a subject shall be arranged in order of merit; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

4. The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class

Division A

Division B

Third Class

A candidate who fails to obtain Honours may be awarded the Ordinary degree provided that he has in all other respects completed the work for the Honours degree.

5. No graduate who has obtained the Honours degree of Bachelor of Arts in the school of Economics may obtain the Honours degree of Bachelor of Economics.

6. Except by permission of the Faculty a candidate shall not proceed to a subject for which he has not completed the pre-requisite subjects or preparatory work as prescribed in the syllabuses.

7. A candidate shall do such written or practical work in any subject as may be prescribed by the professor or lecturer concerned.

8. A candidate may be exempted from attendance at lectures in any subject approved by the Faculty, but only upon grounds approved by the Council. Exemption from attendance at lectures in more than two subjects in any one year will be allowed only in very exceptional circumstances.

9. The annual examinations shall be held towards the end of each academic year. When entering for examination a candidate shall present on the prescribed form certificates showing that 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.

10. Written or practical work done by candidates by direction of the professor or lecturer concerned and the results of terminal or other examinations held during the year may be taken into consideration at the final examination in any subject.

11. A candidate who fails to pass in any subject shall again attend lectures and do written or practical work in that subject to the satisfaction of the professor or lecturer concerned, unless granted exemption from doing so by the Faculty.

12. A candidate who has twice failed to pass the annual examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who has failed to comply with the provisions of Regulation 9 shall be deemed to have failed to pass the examination.

13. A candidate who has passed equivalent examinations in the University or otherwise and who desires that the examinations which he has passed should be counted *pro tanto* for the degree of Bachelor of Economics, may, on written application, be granted such exemption from the requirements of these regulations as the Council may determine.

14. Not more than four subjects which have been presented for any other degree or for any diploma other than the diploma in Commerce or the diploma in Public Administration may be counted towards the degree of Bachelor of Economics.

A candidate who holds the Diploma in Commerce or the Diploma in Public Administration may be granted such status in the course for the degree of Bachelor of Economics as the Faculty shall in each case determine; Provided that if status be granted for more than four subjects the candidate shall surrender his Diploma before being admitted to the degree.

15. If in any year the number of students desiring to attend lectures in any subject be fewer than a minimum fixed by the Council, the course of lectures in that subject may be suspended for that year.

16. Schedules defining the course of study, including lectures and practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Economics and be submitted to and approved by the Council.

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 of the course for the Ordinary degree shall be those, other than the Science subjects, available for the Ordinary degree of Bachelor of Arts and in addition:

Accountancy I (171), II (172), IIIA (173), and IIIB (174);  
Law I (181), II (182), and III (183);  
Economic Statistics I (161), and II (162).

2. A candidate for the Ordinary degree shall present eleven subjects which shall include:

(a) the following six subjects:

Economics I, II and III;  
Accountancy I;  
Law I;  
Economic Statistics I;

(b) one of the following sequences of subjects:

Accountancy I, II and either IIIA or IIIB;  
Law I, II and III;  
Pure Mathematics I and II and *either* Pure Mathematics III *or* Economic Statistics II;  
Geography I, II and III;  
History IA or IB or Politics I, History IIA or IIB and History III or Politics IIIB;  
Politics I, Politics II and Politics IIIA or IIIB;  
Philosophy I, IIA and IIIA;  
Philosophy I, IIB and IIIB;

and (c) *either* a second sequence of subjects from the preceding subsection *or* two courses in another subject and (if required) an eleventh subject;

Provided that:

- (i) "Two courses in another subject" shall include two courses in related subjects as accepted in approved sequences for the ordinary degree of Bachelor of Arts;
- (ii) Any of the following pairs of subjects shall be acceptable as two courses in related subjects for the purpose of this schedule:

Economic Geography and History IIB;  
 Accountancy II and Law II;  
 History IIB and History III;  
 Politics II and Politics IIIA;  
 Politics II and Politics IIIB, provided that History IIA  
 or IIB has been completed prior to Politics IIIB;

- (iii) No candidate may present Social Economics;
- (iv) No candidate may present both Geography I and Economic Geography;
- (v) No subject may be counted twice;
- (vi) No candidate may present both Accountancy IIIA and Accountancy IIIB.

NOTE: The regulations and schedules of the degree of Bachelor of Arts permit of the following "approved sequences" of two courses in one subject or in related subjects:

Greek I and *either* Greek II *or* Comparative Philology;  
 Latin I and *either* Latin II *or* Comparative Philology;  
 French I and *either* French II *or* Comparative Philology;  
 German I and *either* German II *or* Comparative Philology;  
 English I and II;  
 History I (A *or* B) and History II (A *or* B);  
 Politics I and History IIA *or* IIB;  
 Politics I and II;  
 Geography I and II;  
 Pure Mathematics I and II;  
 Philosophy I and *either* IIA *or* IIB;  
 Music I and II.

The eleventh subject (if required) may be selected from the above list or from those listed in Schedule I: provided that the candidate has fulfilled the pre-requisites (if any) for admission to the class in the subject selected.

#### SCHEDULE II—THE HONOURS DEGREE.

A candidate for the Honours degree shall

- (a) pass in nine subjects selected in accordance with the provisions of sub-paragraphs (a) and (b) of Clause 2 of Schedule I; provided that, if the candidate select either Accountancy or Law, the ninth subject shall be approved by the Professor of Economics;
  - (b) undertake in the first three years such preliminary Honours work as the Professor of Economics may prescribe;
- and (c) devote a further year to the study of, and pass examinations in, such additional work in Economics and in allied subjects as the Professor of Economics may prescribe.

#### SCHEDULE III—FEES

The following fees shall be paid by candidates:

- (a) For lectures and examination in any subject for  
 the Ordinary degree - - - - - £5 5 0

(b) For tuition in the Honours work -	-	-	-	21	0	0
(c) For examination in the Honours work -	-	-	-	7	7	0

A candidate who is exempted from attendance at lectures or who attends lectures or examination or both a second time in any subject for the Ordinary degree shall pay £2 12s. 6d. for that subject.

## 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 following fees shall be payable in advance in such instalments as the Council may from time to time determine—

(a) Under Regulation 2 (b and c)—

For instruction in courses other than those provided for the Ordinary degrees of Bachelor of Arts and Bachelor of Economics - - £10 10 0

For guidance without instruction - - - 5 5 0

(b) On approval of the subject of the thesis - - 10 10 0

(c) On admission to the degree - - - - 5 5 0

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 subjects of study for the Ordinary degree shall be as follows:

*Group A:* Pure Mathematics I (201), Applied Mathematics I (207), Physics I (221), Chemistry I (231), Geology I (251), Botany I (261), Zoology I (271), Biology (269).

*Group B:* Pure Mathematics II (203), Applied Mathematics II (209), Statistical Methods (213), Physics II (222), Inorganic and Physical Chemistry II (233), Organic Chemistry II (235), Geology II (252), Botany II (262), Zoology II (274), Biochemistry I (281), Bacteriology I (291). [*Note:* Students taking Botany II or Zoology II will take Genetics (296) also, as an integral part of either of these subjects.]

*Group C:* Pure Mathematics III (205), Applied Mathematics III (211), Mathematical Statistics (214), Physics III (224), Inorganic and Physical Chemistry III (237), Organic Chemistry III (239), Geology III (254), Botany III (265), Zoology III (275), Advanced Genetics (297), Bacteriology II (292), Physiology (286), Biochemistry II (282).

†*Group D:* Histology (301), Agricultural Chemistry (245), Economics (156), Mining Engineering I (471), Surveying I (437), Palaeontology (257), Biometry (373), Botany IIA (263), Genetics (296), Scientific German (49).

\*3. A candidate for the Ordinary degree shall, unless exempted therefrom, attend regularly courses of lectures and practical work and pass examinations in:

(a) four subjects, including Physics I and Chemistry I, from Group A;

\* Allowed 22nd January, 1953.

† Allowed 11th November, 1954.



(b) *either* three subjects from Group B *or* two subjects from Group B (exclusive of Bacteriology I) and a fifth subject from Group A;

(c) two subjects from Group C;

provided that:

- (1) a candidate who presents either Botany I or Zoology I may not present Biology also from Group A;
- (2) if both Organic Chemistry II and Biochemistry I are submitted from Group B they must be accompanied by a third subject also from Group B;
- (3) a candidate who desires to obtain the degree of Bachelor of Science in Forestry shall comply with Regulation 4;
- (4) subject to the approval of the Faculty in each case Mining Engineering I and Surveying I may together be submitted in lieu of one subject from Group B, but only by a candidate who takes Geology III as one of his two subjects from Group C;
- (5) a candidate who presents Geology III as one of his subjects from Group C may present *either* Palaeontology with Zoology II or Botany II in lieu of his second subject from Group C, provided that in such case Zoology II or Botany II (as the case may be) be not counted as a subject from Group B, *or* if he wish to present Zoology III or Botany III as his second subject from Group C, Palaeontology in lieu of a third subject from Group B;
- (6) a candidate who wishes to present Applied Mathematics I as one of his subjects from Group A must present Applied Mathematics II as one of his subjects from Group B;
- (7) a candidate who wishes to count both Botany II and Zoology II as subjects in his course must present Biometry also;
- (8) subject to the approval of the Faculty in each case the following combination of subjects may be submitted in lieu of a subject from Group C, provided that no section of the composite subject be counted as part of the requirements from Group B, namely: Agricultural Chemistry, the Stratigraphical and Palaeontological section of Geology II and the climatological section of Geography III;
- (9) subject to the approval of the Faculty in each case the sections of Pure Mathematics III and Physics III required of candidates for the Honours Degree in the School of Mathematical Physics may be counted in lieu of one subject from Group C, provided that Applied Mathematics III be the other subject presented from that Group.

\*4. A candidate for the Ordinary degree of Bachelor of Science in Forestry—

(a) shall complete the following subjects:

*From Group A:* Physics I, Chemistry I, Botany I, Pure Mathematics I, Geology I;

\* Allowed 22nd January, 1953, and amended 11th November, 1954.

*From Groups B and D: Botany IIA, Economics and Agricultural Chemistry. One other subject from Group B may be substituted for Agricultural Chemistry if special permission is granted by the Faculty;*

- (b) shall during the long vacations at the end of the first and second years, satisfactorily complete a total of not less than twelve weeks' work in the field under a forest authority approved by the Faculty;
- (c) shall subsequently complete a two years' course at the Australian Forestry School, Canberra, under a syllabus approved by the Council of the University;
- (d) shall present evidence to the satisfaction of the Council (a) of having satisfactorily completed the work at the Australian Forestry School, Canberra, and (b) of having had twelve months' experience, not necessarily consecutive, in work appropriate to his course in Forestry.

For the purpose of this Regulation the Australian Forestry School, Canberra, is affiliated with the University of Adelaide.

\*5. Except by permission of the Faculty of Science a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite subjects as prescribed in the syllabus for that subject.

\*6. The Honours degree may be obtained in one of the following schools: (a) Mathematics, (b) Physics, (c) Chemistry, (d) Geology, (e) Botany, (f) Zoology, (g) Biochemistry, (h) Physiology, (j) Anatomy, (k) Genetics, (l) Mathematical Physics, (m) Bacteriology.†

A candidate for the Honours degree shall regularly attend lectures and practical work and shall pass examinations in one of the following subjects: (a) Mathematics (218), (b) Physics (226), (c) Chemistry (241 or 343), (d) Geology (258 or 259), (e) Botany (267), (f) Zoology (278), (g) Biochemistry (284), (h) Physiology (288), (j) Anatomy (303), (k) Genetics (298), (l) Mathematical Physics (229), (m) Bacteriology (295).†

Except in the case of a candidate proceeding to the Honours degree in Mathematics or Anatomy, a candidate for the Honours degree in any subject shall not begin the final year's Honours work in that subject until he has qualified for the Ordinary Degree of Bachelor of Science and has included in his qualifications all the courses in that subject prescribed for the Ordinary degree.

Except by permission of the Faculty of Science and subject to such conditions as the Faculty may prescribe, a candidate for the Honours degree in Mathematics or Anatomy shall not begin the final year's work in that subject until he has completed:

- (a) four subjects including Physics I and Chemistry I from Group A; and
- (b) such preliminary work in other subjects as the Faculty of Science shall determine.

\* Allowed 22nd January, 1953. † Awaiting allowance at time of printing.

The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class

Second Class

Division A

Division B.

7. All examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations, and examinations in a subject in which the course of instruction has been completed before the end of the second term may be held at any convenient time fixed by the Council.

\*When entering for examination a candidate shall present on the prescribed form certificates showing that 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 or 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 any subject, may be taken into consideration at the final examination in that subject.

†The names of candidates who pass with credit at an annual examination in any subject or division of a subject shall be arranged in order of merit; 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, with the approval of the Council, determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject, to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Science.

Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty and under such conditions as the Faculty may prescribe.

A candidate who wishes to proceed under these provisions must enter provisionally for his year's work on a special form.

For the purpose of this regulation a candidate who fails to receive permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

\* Allowed 23rd January, 1947, and amended 11th December, 1947.

† Allowed 8th December, 1949.

9. A candidate may be excused attendance at lectures on any subject in which he desires to be examined, but only upon grounds approved by the Council.

10. No graduate who has obtained the Honours degree of Bachelor of Arts in Mathematics can obtain the Honours degree of Bachelor of Science in that subject.

11. Students who have passed examinations *in pari materia* in other Faculties or otherwise, or who desire that their work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Science, may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine.

\*Graduates in other Faculties who wish to proceed to the degree of Bachelor of Science and to count towards that degree subjects which have been presented for any other degree, shall comply with the following conditions:

- (a) The candidate shall fulfil all the requirements for the degree of Bachelor of Science;
- (b) The candidate shall, to the satisfaction of the Faculty, take at least a further year's work in order to qualify for the degree.

12. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Science and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

\* Allowed 11th November, 1954. Allowed 23rd January, 1947.

#### SCHEDULE OF FEES MADE BY THE COUNCIL UNDER REGULATION 12

##### A. For the Ordinary Degree:

	Lectures	Practical Work
1. Pure Mathematics I, II and III - each	£5 5 0	
Applied Mathematics I, II and III - each	5 5 0	
Statistical Methods - - - -	5 5 0	
Mathematical Statistics - - - -	5 5 0	
First and Second-year Honours courses - - - - - each	5 5 0	
2. Physics I - - - - -	5 5 0	4 4 0
Physics II - - - - -	6 6 0	12 12 0
Physics III - - - - -	8 8 0	12 12 0

3. Chemistry I	-	-	-	-	-	5	5	0	7	7	0
Organic Chemistry II	-	-	-	-	-	4	4	0	12	12	0
Organic Chemistry III	-	-	-	-	-	5	5	0	15	15	0
Inorganic and Physical Chemistry II	-	-	-	-	-	4	4	0	12	12	0
Inorganic and Physical Chemistry III	-	-	-	-	-	5	5	0	15	15	0
4. Biochemistry I	-	-	-	-	-	4	4	0	8	8	0
Biochemistry II	-	-	-	-	-	5	5	0	15	15	0
Physiology	-	-	-	-	-	5	5	0	15	15	0
5. Geology I	-	-	-	-	-	3	3	0	3	3	0
Geology II	-	-	-	-	-	4	4	0	8	8	0
Geology III	-	-	-	-	-	8	8	0	12	12	0
Palaeontology	-	-	-	-	-	5	5	0	8	8	0
6. Botany I	-	-	-	-	-	3	3	0	5	5	0
Botany II	-	-	-	-	-	4	4	0	12	12	0
Botany III	-	-	-	-	-	5	5	0	12	12	0
7. Zoology I	-	-	-	-	-	3	3	0	5	5	0
Zoology II	-	-	-	-	-	4	4	0	12	12	0
Zoology III	-	-	-	-	-	5	5	0	12	12	0
8. Bacteriology I	-	-	-	-	-	3	3	0	5	5	0
Bacteriology II	-	-	-	-	-	5	5	0	15	15	0
9. Biology	-	-	-	-	-	3	3	0	5	5	0
10. Histology (inclusive fee)	-	-	-	-	-	5	5	0			
11. Forestry course:											
Botany IIA	-	-	-	-	-	5	5	0	14	14	0
Economics	-	-	-	-	-	5	5	0			
Agricultural Chemistry	-	-	-	-	-	3	3	0	6	6	0
12. Mining Engineering I	-	-	-	-	-	4	4	0			
Surveying I	-	-	-	-	-	1	11	6	3	3	0
13. Genetics	-	-	-	-	-	2	2	0	6	6	0
Advanced Genetics	-	-	-	-	-	5	5	0	12	12	0
14. Agricultural Chemistry, the Strati- graphical and Palaeontological Section of Geology II, and the Climatological Section of Geography III (inclusive fee)	-	-	-	-	-	21	0	0			
15. Scientific German (for candidates other than Honours students)	-	-	-	-	-	1	1	0			
B. For the Honours degree:											
1. Mathematics (as for the Honours degree of B.A.)											
2. Physics	-	-	-	-	-	-	-	-	£25	0	0
3. Chemistry	-	-	-	-	-	per annum			25	0	0
4. Geology (or Economic Geology)	-	-	-	-	-	-	-	-	25	0	0
5. Botany	-	-	-	-	-	-	-	-	25	0	0
6. Zoology	-	-	-	-	-	-	-	-	25	0	0
7. Biochemistry	-	-	-	-	-	-	-	-	25	0	0
8. Physiology	-	-	-	-	-	-	-	-	25	0	0

9. Anatomy	-	-	-	-	-	-	-	-	25	0	0
10. Genetics	-	-	-	-	-	-	-	-	25	0	0
11. Mathematical Physics	-	-	-	-	-	-	-	-	25	0	0
12. Bacteriology	-	-	-	-	-	-	-	-	25	0	0

Note.—The foregoing amounts, which do not include the fees for pass work, are inclusive of all fees payable for courses taken at the University which the Faculty deems necessary for the Honours course in the school selected.

A candidate who has been granted a supplementary examination or who has been exempted from attendance or re-attendance at lectures or practical work shall pay the following fees for examination:

(a) For the theoretical examination—

In any subject except Physics III and Geology  
III: half the lecture fee.

In Physics III or Geology III - - - - £3 3 0

(b) For the Practical examination—

In any subject in Group A or in Bacteriology I 1 11 6

In any other subject - - - - 2 12 6

(c) For the whole examination in any subject for

the Honours degree - - - - 7 7 0

Provided that the total fee for examination in any subject under (a) and (b) shall not exceed £5/5/-.

A student taking a course of lectures and examination a second time shall pay half fees, but full fees will be required for a repeated course of laboratory work.

The fees for the course at the Australian Forestry School are not included in this schedule.

#### OF THE DEGREE OF MASTER OF SCIENCE REGULATIONS

\*1. The following persons may become candidates for the degree of Master of Science: (a) Bachelors of Science, (b) Bachelors of Agricultural Science, (c) graduates in Medicine or in Veterinary Science who produce evidence that they have spent two academic years in research at an institution recognised for the purpose by the University of Adelaide and (d) other graduates whose academic qualifications are accepted by the Faculty of Science as sufficient:

†Provided that, subject to the approval of the Council, the Faculty may, at its discretion and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University but having been a full-time member of the academic staff of the University for at least three years has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

\*1A. Unless the candidate has obtained the Honours Degree of Bachelor of Science or of Agricultural Science he shall, before sub-

\* Allowed 14th December, 1944.

† Allowed 17th January, 1952.

mitting his thesis (or presenting himself for examination in Mathematics) as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

2. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Science as equivalent to one of the qualifications required in regulation 1, may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

3. A candidate who holds the Honours degree of Bachelor of Science or Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to science in support of his candidature. In the department of Mathematics a candidate may elect to present himself for an examination on an approved course of study in lieu of submitting a thesis.

\*5. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis, or the branch of Mathematics in which he wishes to be examined. The Faculty of Science, if it approve the subject of his research or his proposed course of study in Mathematics, may appoint a supervisor to guide the candidate in his work.

\*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.

\* Allowed 14th December, 1944.

† Amended 8th December, 1949.

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 following fees shall be payable in advance:

On presentation of the thesis - - - -	£5 5 0
On entry for examination, if required - - -	5 5 0
On admission to the degree - - - -	5 5 0
For work in the laboratory (if required) -	} 4 0 0 a term

‡ Allowed 11th November, 1954. Allowed 7th December, 1939.

## OF THE DEGREE OF DOCTOR OF SCIENCE REGULATIONS

\*1. A Master of Science or a Master of Engineering may proceed to the degree of Doctor of Science by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fifth academic year from the date of his graduation as Bachelor: provided that the Council, on the recommendation of the Faculty, may accept as candidates for the degree other graduates of at least five years' standing, who, in the opinion of the Faculty, have had an adequate scientific training.

‡2. To qualify for the degree a candidate shall furnish satisfactory evidence that he has made an original contribution of distinguished merit adding to the knowledge or understanding of any subject with which the Faculty is directly concerned.

The degree shall be awarded primarily on a consideration of such of his published works as the candidate may submit for examination, but the examiners may also take into account any unpublished original work that he may submit in support of his candidature.

The Faculty of Science, if it approve of the subject or subjects of the work submitted, shall nominate examiners, of whom one at least shall be an external examiner.

Every candidate in submitting his published work and unpublished original work shall state generally in a preface and specifically in notes the main sources from which his information is derived and the extent to which he has availed himself of the work of others. He may also signify in general terms the portions of his work which he claims as original.

3. Two copies of the work submitted for the degree shall be forwarded to the Registrar at least six months before the date on which 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.

\* Allowed 10th January, 1946.

‡ Allowed 10th December, 1936, and amended 10th January, 1946.



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 following fees shall be payable in advance:—

On approval of the subject of the work	-	-£21	0	0
On admission to the degree	-	-	5	5

• Allowed 14th December, 1950.

Allowed 3rd January, 1929.

## OF THE DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

### REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Agricultural Science. A candidate may obtain either degree or both.

2. Except in special cases allowed by the Council or in the case of candidates holding the diploma of Roseworthy Agricultural College, every candidate for the degree of Bachelor of Agricultural Science shall after matriculation spend four academic years at least in courses of study prescribed for the degree.

A candidate who holds the diploma of Roseworthy Agricultural College shall spend three academic years at least in courses of study prescribed for the degree.

3. To obtain the degree, whether the Ordinary or the Honours degree, every candidate must regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed.

He must also present evidence to the satisfaction of the Council that he has had the practical experience prescribed.

4. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Agricultural Science and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

5. A candidate may be exempted from attendance at lectures or practical work in a subject in which he desires to be examined, but only upon grounds approved by the Council.

6. A candidate for the Honours degree shall spend an additional year and attend lectures and pass examinations in such subjects of such departments of Agricultural Science, and in such additional subjects, as may be prescribed by the Faculty.

†The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

- First Class
- Second Class
  - Division A
  - Division B

7. All annual examinations shall take place towards the end of the academic year, except that practical examinations and all examinations in those subjects in which the course of instruction has been completed by the end of the second term, may be held at any convenient time to be fixed by the Council.

\*When entering for examination a candidate shall present on the prescribed form certificates showing that 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, and amended 11th December, 1947.

† Amended 16th December, 1948. Allowed 23rd January, 1947.

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#### SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 4.

1. During the first year every candidate for the degree shall, unless exempted therefrom, attend courses of instruction, and at the First Examination shall satisfy the examiners in each of the following subjects:

Physics I (221),  
 Chemistry I (231),  
 Botany I (261),  
 Zoology IA (272).

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:

Biochemistry, B.Ag.Sc. course (363).  
 Agricultural Chemistry I (362).  
 Botany IIB (364).  
 Geology I (251).  
 Agriculture I (361).

(b) Third Year:

Agriculture II (371).  
 Biometry (373).  
 Genetics (375).  
 Agricultural Chemistry II (372).  
 Microbiology (376).  
 Entomology (374).  
 Plant Pathology (377).

(c) Fourth Year (at Roseworthy Agricultural College):

Agriculture III (381).  
 Animal Husbandry (382).  
 Rural Economics and Farm Management (386).  
 Farm Engineering and Surveying (383).  
 Horticulture (384).  
 Methods of Extension (385).

3. A candidate who, under Regulation 2, is required to spend three academic years in courses of study prescribed for the degree shall attend the courses of instruction and pass the examinations of the first three years as prescribed in Clauses 1 and 2 above, and shall undertake and satisfy the examiners in a special course in Animal Husbandry.

4. Except by special permission of the Faculty a candidate shall not proceed to any part of the work of the second or a subsequent year unless he has completed the whole of the work of, and passed the examination proper to, the preceding year or years. At the discretion of the Board of Examiners a candidate who fails to satisfy the examiners at an annual examination may be permitted to present himself for a supplementary examination in such subject or subjects as the Board may determine, and if he satisfies the examiners in such supplementary examination he shall be deemed to have passed the whole annual examination.

5. Practical Experience.

- (a) Candidates will be required to obtain twenty-four weeks of practical experience of which at least twelve weeks (including at least one week at each of two May and two August vaca-

tions), must be spent at Roseworthy Agricultural College. The remaining twelve weeks may be spent at Roseworthy Agricultural College or in a manner approved by the Faculty. College educational tours in agricultural areas will be regarded as practical experience for the purpose of this section. Candidates will be required to gain practical experience in operations to be specified in the syllabus by the Faculty.

- (b) Candidates who are unable to produce satisfactory evidence of having had not less than twelve months' consecutive experience in practical farming prior to beginning the course will be required to obtain twelve additional weeks of practical experience on properties approved by the Faculty. For students undertaking National Service Training during the course this requirement may be reduced by the Dean to six weeks.
- (c) Students are expected to gain most of their practical experience in country districts. A maximum of four weeks under (a) and a further maximum of four weeks under (b), if required, may be devoted to gaining practical experience in the Adelaide city and suburban region.

Holders of the diploma of the Roseworthy Agricultural College will be exempted from these requirements.

#### 6. Fees.

##### A. For the Ordinary degree:

The fee for each year's work, including one annual examination, shall be as follows:

First Year	-	-	-	-	-	-	-	£44	0	0
Second Year	-	-	-	-	-	-	-	44	0	0
Third Year	-	-	-	-	-	-	-	44	0	0
Fourth Year	-	-	-	-	-	-	-	75	0	0

The fee for the special course in Animal Husbandry under Clause 3 of these Schedules shall be £12/12/-.

The fee for the fourth year, which is taken at Roseworthy Agricultural College, is payable direct to the College by the student and includes board at the College as well as tuition, but not the cost of educational tours. In addition, each University student shall contribute £1/13/- to the College Sports Union and Magazine Fund and shall pay 12/- medical fee.

The fee for a supplementary or special examination in any subject shall be £3/3/-.

A student taking a year's work and examination a second time shall pay half fees for work taken at the University, but full fees will be required for work taken a second time at Roseworthy Agricultural College.

##### B. For the Honours degree:

The inclusive fee for courses which the head of the department deems necessary for the Honours Course in the subject selected shall be £25 a year.

OF THE DEGREE OF MASTER OF AGRICULTURAL SCIENCE  
REGULATIONS

1. The following persons may become candidates for the degree of Master of Agricultural Science—(a) Bachelors of Agricultural Science and (b) other graduates whose academic qualifications are accepted by the Faculty of Agricultural Science as sufficient:

\*Provided that, subject to the approval of the Council, the Faculty may, at its discretion and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University but having been a full-time member of the academic staff of the University for at least three years has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

2. A candidate who holds the Honours degree of Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Agricultural Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor: no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

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.

\* Allowed 17th January, 1952.

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 following fees shall be paid in advance:

On presentation of the thesis	-	-	-	-	£5	5	0
On entry for any examination required	-	-	-	-	5	5	0
On admission to the degree	-	-	-	-	5	5	0

Allowed 14th December, 1950.

NOTE.—The attention of intending candidates is drawn to Clause 2B of Chapter XXV of the Statutes.

### 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. Repealed.

#### THE ORDINARY DEGREE.

\*4. (a) To qualify for the Ordinary degree a candidate shall regularly attend lectures and do written, laboratory, and other practical work (where such is required), and pass examinations in the subjects prescribed for one of the following Engineering courses:

- (a) Mining Engineering;
- (b) Metallurgical and Chemical Engineering;
- (c) Electrical Engineering;
- (d) Mechanical Engineering;
- (e) Civil Engineering;
- (f) Architectural Engineering.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had six months' practical experience, not necessarily consecutive, in work approved by the Faculty of Engineering as appropriate to the course which he has followed.

† Repealed 17th January, 1952. \* Amended 8th December, 1949.

\*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) When entering for an examination a candidate shall present on the prescribed form certificates showing that 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 or 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) The names of candidates who pass with credit at an annual examination in any subject or division of a subject shall be arranged in order of merit; 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, with the approval of the Council, determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject, to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Engineering. Any such exemption shall hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

6. Except in case of illness or other sufficient cause allowed by the Council, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

7. No candidate shall be granted exemption from attendance at lectures or practical work in any subject, except upon grounds approved by the Council.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

\* Amended 8th December, 1949.

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.

(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.

\* Allowed 11th November, 1954.



(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.

Allowed 11th December, 1947.

#### FEE FOR HONOURS WORK

The Council has prescribed the fee of £25 for the Honours course in Civil Electrical or Mechanical Engineering under Regulation 14; this may be reduced to £10/10/- in the case of a candidate who has already passed in Pure Mathematics III, Applied Mathematics II, and either Physics III or Inorganic and Physical Chemistry III.

### 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 following fees shall be payable in advance:

On submission or re-submission of the thesis	.....	£5	5	0
On entry for examination, if required	.....	.....	5	5
On admission to the degree	.....	.....	5	5

Allowed 22nd January, 1953.

#### 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 2<sup>2</sup>, means two hours a week for two terms.

U—University; S.M.—School of Mines; S.A.—School of Art.

The courses are divided into years for the guidance of students. It is not necessary for a student to take all the subjects of a year's course simultaneously, or to complete all the subjects set out for one year before enrolling for any of the next. But a student who desires to take a third-year subject before completing the first year of his course, or a fourth-year subject before completing the second year, must make application to the Faculty for permission to do so.

All part-time students, and those desiring to take subjects from different years, must submit their proposed course of study to the Assistant to the Dean of the Faculty for approval.

### PRACTICAL EXPERIENCE

Except in special circumstances approved by the Faculty, of the six months' practical experience required under Regulation 4 (b) at least three months must be other than routine work such as assaying or drawing.

Students attending National Service or Commonwealth Military Force training may be permitted to count such training, up to a maximum period of three months, as part of their required practical experience.

### MEDICAL EXAMINATION

Many employers of engineering graduates require a prospective employee to submit himself to a medical examination, which in some cases is of a very searching character. Students taking engineering courses, more particularly those taking Mining, are advised to undergo a medical and X-ray examination during the early part of their course.

### AERONAUTICAL ENGINEERING AND NAVAL ARCHITECTURE

The University of Sydney has established a special four-year course in Aeronautical Engineering and the University of Queensland one in Naval Architecture. Adelaide students who have completed the first two years of the Civil, Electrical and Mechanical courses under the new schedules may apply for admission to the third year of Aeronautical Engineering in Sydney or of Naval Architecture in Queensland. Such application should be made in writing and should be accompanied by documentary evidence of the status reached in the University of Adelaide.

### FEES

The following rules regarding fees for University subjects have been made by the Council:

(i) The fee for attendance a second or subsequent time at the course of practical work (including the practical examination) in any subject will be the full fee prescribed in the schedules.

(ii) The fee for a special theoretical examination in any subject, or for an ordinary theoretical examination with exemption from attendance or re-attendance at the course of lectures, will be one-half of the fee prescribed in the schedules, but no such examination fee shall be more than £3 3/-.

(iii) The fee for a practical examination (ordinary or special) in any subject without attendance or re-attendance at the course of practical work will be £1 11/6.

The fees for subjects and examinations of the South Australian School of Mines and Industries or of the South Australian School of Arts and Crafts will be as prescribed by those institutions.

## DEPARTMENT OF MINING, METALLURGICAL AND CHEMICAL ENGINEERING

Candidates who have attained an approved standard in Mathematics, Physics, and Chemistry at the Leaving Honours Examination may be granted status for Pure Mathematics I, Physics I and the Inorganic Section of Chemistry I and may proceed to the work of the second year. They will be required to take the Organic Section of Chemistry I later in their courses and are advised to do so in the Third Year. Students who wish to apply for such status should consult the Professor and submit a formal application in writing to the Registrar.

### MINING ENGINEERING

Subject No. in Syllabus	FIRST YEAR				Hours a week	Place of Lecture	Fee	
	Subject						£.	s. d.
231	Chemistry I, Lectures	.....	.....	.....	3	U.	5	5 0
	Practical	.....	.....	.....	6	S.M.	7	7 0
201	Pure Mathematics I, Lectures	.....	.....	.....	3	U.	5	5 0
	Tutorial	.....	.....	.....	1	U.		
221	Physics I, Lectures	.....	.....	.....	3	U.	5	5 0
	Practical	.....	.....	.....	3	U.	4	4 0
SECOND YEAR								
233	Inorganic and Physical Chemistry II, Lectures	.....	.....	.....	2	U.	4	4 0
	Practical	.....	.....	.....	8	S.M.	10	10 0
204	Pure Mathematics IIA, Lectures	.....	.....	.....	3	U.	5	5 0
	Tutorial	.....	.....	.....	1	U.		
207	Applied Mathematics I, Lectures	.....	.....	.....	3	U.	5	5 0
	Tutorial	.....	.....	.....	1	U.		
481	Engineering Drawing I, Practical	.....	.....	.....	4	S.M.	4	10 0
485	Workshop Practice I, Lectures	.....	.....	.....	1 <sup>2</sup>	S.M.	3	10 0
	Practical	.....	.....	.....	3 <sup>2</sup>	S.M.		
491	*First Aid	.....	.....	.....	3 <sup>1</sup>			0 14 0
492	General Engineering	.....	.....	.....	1 <sup>1</sup>	U.		—

\* First Aid may be completed at any time before graduation.

Subject No. in Syllabus	Subject	THIRD YEAR		Hours a week	Place of Lecture	Fee		
		£.	s.			d.		
251	Geology I, Lectures	2	U.	3	3	0		
	Practical	3	U.	3	3	0		
436	Strength of Materials, Lectures	2	U.	4	4	0		
	Practical	3	U.	4	4	0		
441	Electrical Engineering I, Part A, Lectures	2	U.	3	13	6		
	Practical	3 <sup>2</sup>	U.	3	13	6		
482	Engineering Drawing II, Lectures	1 <sup>2</sup>	S.M.	3	10	0		
	Practical	3 <sup>2</sup>	S.M.					
465	Physical Metallurgy I, Lectures	1	S.M.	6	0	0		
	Practical	3	S.M.					

FOURTH YEAR

431	Civil Engineering I, Lectures	2	U.	4	4	0		
	Practical	6 <sup>1</sup> 3 <sup>2</sup>	U.	6	6	0		
451	Mechanical Engineering I, Lectures	2 <sup>2</sup> 3 <sup>1</sup>	U.	5	5	0		
	Practical	6 <sup>1</sup> 3 <sup>2</sup>	U.	6	6	0		
434	Hydraulics, Lectures	1	U.	0	12	6		
	Practical	3 <sup>1</sup>	U.	1	11	6		
471	Mining Engineering I, Lectures	2	U.	4	4	0		
253	Geology II (B.E. Course), Lectures	2 <sup>2</sup>	U.	2	16	0		
	Practical	6 <sup>2</sup>	U.	5	12	0		
256	Mining Geology, Lectures	2 <sup>1</sup>	U.	2	2	0		
	Practical	6 <sup>1</sup>	U.	3	3	0		
484	Surveying IA, Lectures	1	S.M.	6	0	0		
	Practical	3						

FIFTH YEAR

472	Mining Engineering II, Lectures	3	U.	5	5	0		
	Practical	12	U.	10	10	0		
462	Process Engineering I—							
	Part B, Extractive Metallurgy, Lectures (part only)	1	S.M.	2	2	0		
	Practical	3	S.M.	3	13	6		
466	Ore Dressing, Lectures	2 <sup>2</sup>	U.	3	0	0		
	Practical	3 <sup>2</sup>	U.	3	0	0		
461	Assaying I, Lectures and Practical	3	S.M.	5	5	0		

VACATION WORK (Compulsory):

First Year: Long Vacation—Workshop Practice—of not less than 8 weeks.

Second Year: Long Vacation—Practical Mining Experience of not less than 8 weeks.

Third Year: August Vacation—Mining Trip (476).

Long Vacation—Practical Mining Experience—of not less than 8 weeks.

Fourth Year: August Vacation—Mining Trip (476).

METALLURGICAL AND CHEMICAL ENGINEERING

FIRST YEAR

231	Chemistry I, Lectures	3	U.	5	5	0		
	Practical	6	S.M.	7	7	0		
201	Pure Mathematics I, Lectures	3	U.	5	5	0		
	Tutorial	1	U.					
221	Physics I, Lectures	3	U.	5	5	0		
	Practical	3	U.	4	4	0		

SECOND YEAR

233	Inorganic and Physical Chemistry II, Lectures	2	U.	4	4	0		
	Practical	8	S.M.	10	10	0		
204	Pure Mathematics IIA, Lectures	3	U.	5	5	0		
	Tutorial	1	U.					
207	Applied Mathematics I, Lectures	3	U.	5	5	0		
	Tutorial	1	U.					
481	Engineering Drawing I, Practical	4	S.M.	4	10	0		
485	Workshop Practice I, Lectures	1 <sup>2</sup>	S.M.	3	10	0		
	Practical	3 <sup>2</sup>	S.M.					
491	*First Aid	3 <sup>1</sup>		0	14	0		
492	General Engineering	1 <sup>1</sup>	U.					

\* First Aid may be completed at any time before graduation.

		THIRD YEAR					
Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee			
				£.	s.	d.	
238	Physical Chemistry III, Lectures	2 <sup>2</sup>	U.	3	10	0	
	Practical	8	S.M.	10	10	0	
251	Geology I, Lectures	2	U.	3	3	0	
	Practical	3	U.	3	3	0	
436	Strength of Materials, Lectures	2	U.	4	4	0	
	Practical	3	U.	4	4	0	
482	Engineering Drawing II, Lectures	1 <sup>2</sup>	S.M.	3	10	0	
	Practical	3 <sup>2</sup>	S.M.				
465	Physical Metallurgy I, Lectures	1	S.M.	6	0	0	
	Practical	3	S.M.				
		FOURTH YEAR					
462	Process Engineering I—						
	Part A: Unit Operations I, Lectures	2	U.	2	2	0	
	Practical	3	U.	3	13	6	
	Part B: Extractive Metallurgy, Lectures	2	S.M./U.	3	13	6	
	Practical	3	S.M.	3	13	6	
	Part C: Industrial Economics I, Lectures	1 <sup>2</sup>	U.	1	10	0	
451	Mechanical Engineering, I, Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	U.	5	5	0	
	Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6	6	0	
441	Electrical Engineering I, Part A, Lectures	2	U.	3	13	6	
	Practical	3 <sup>2</sup>	U.	3	13	6	
438	Surveying IB, Lectures	1 <sup>1</sup>	U.	1	1	0	
	Practical	3 <sup>1</sup>	U.	1	1	0	
		FIFTH YEAR					
463	Process Engineering II—						
	Part A: Unit Operations II, Lectures	3	U.	5	5	0	
	Practical	15	U.	12	12	0	
	Part B: Applied Chemistry (Inorganic), Lectures	1	S.M.	2	2	0	
	Practical	3	S.M.	3	3	0	
	Part C: Industrial Economics II, Seminar	2	U.	3	3	0	
466	Ore Dressing, Lectures	2 <sup>2</sup>	U.	3	0	0	
	Practical	3 <sup>2</sup>	U.	3	0	0	
464	Industrial Instrumentation, Lectures	1	S.M.	2	2	0	
	Practical	3	S.M.	3	3	0	

## CIVIL, ELECTRICAL AND MECHANICAL ENGINEERING

### I. OLD FOUR-YEAR COURSES.

Candidates still proceeding under the old four-year schedules, published in the 1954 Calendar, must consult the Assistant to the Dean about their courses.

### II. NEW FOUR COURSES FOR STUDENTS WHO HAVE ATTAINED AN APPROVED STANDARD IN LEAVING HONOURS MATHEMATICS, PHYSICS AND CHEMISTRY.

		FIRST YEAR					
Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee			
				£.	s.	d.	
204	*Pure Mathematics IIA, Lectures	2	U.	5	5	0	
	Tutorial	1	U.				
207	Applied Mathematics I, Lectures	3	U.	5	5	0	
	Tutorial	1	U.				
223	*Physics II, B.E. Course, Lectures	2	U.	4	4	0	
	Practical	3	U.	6	6	0	
481	Engineering Drawing I	4	S.M.	4	10	0	
485	Workshop Practice I, Lectures	1 <sup>2</sup>	S.M.	3	10	0	
	Practical	3 <sup>2</sup>	S.M.				
437	Surveying I, Lectures	1	U.	1	11	6	
	Practical	3	U.	3	3	0	
439	Survey Camp (First)			3	3	0	
492	General Engineering	1 <sup>1</sup>	U.				

\* Students wishing to proceed to the degree of B.Sc. should note that the full Science courses in Physics II and Pure Mathematics II are required in lieu of Physics II (B.E. course) and Pure Mathematics IIA. Approval of the Heads of the Departments concerned is required before proceeding with this option.

SECOND YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £. s. d.
210	Applied Mathematics IIA, Lectures	2	U. }	5 5 0
	Tutorial	1		
483	Engineering Materials, Lectures	1	}	1 11 6
	Practical	3 <sup>2</sup>		
482	Engineering Drawing II, Lectures	1 <sup>2</sup>	S.M. }	3 10 0
	Practical	3 <sup>2</sup>		
436	Strength of Materials, Lectures	2	U.	4 4 0
	Practical	3	U.	4 4 0
486	Workshop Practice II, Lectures	1	S.M. }	6 15 0
	Practical	3		
441	Electrical Engineering I—			
	Part A: Lectures	2	U.	3 13 6
	Practical	3 <sup>2</sup>	U.	3 13 6
	Part B: Lectures	1	U.	1 11 6
	Practical	3 <sup>1</sup>	U.	1 11 6

THIRD YEAR

CIVIL ENGINEERING

*Geology (for Engineers), Lectures	2	U.	3 3 0
Practical	3	U.	3 3 0
431 Civil Engineering I, Lectures	2	U.	4 4 0
Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
491 First Aid, Lectures	1 <sup>1</sup>	}	14 0
Practical	3 <sup>1</sup>		
451 Mechanical Engineering I, Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	U.	5 5 0
Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
434 Hydraulics, Lectures	1	U.	2 12 6
Practical	3 <sup>1</sup>	U.	1 11 6

\* This course will not be given until 1956.

ELECTRICAL ENGINEERING

431 Civil Engineering IA, Lectures	2 <sup>2</sup>	U.	3 3 0
Practical	3	U.	4 4 0
442 Electrical Engineering II, Lectures	3	U.	5 5 0
Practical	5	U.	5 5 0
434 Hydraulics, Lectures	1	U.	2 12 6
Practical	3 <sup>1</sup>	U.	1 11 6
491 First Aid, Lectures	1 <sup>1</sup>	}	14 0
Practical	3 <sup>1</sup>		
451 Mechanical Engineering I, Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	U.	5 5 0
Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0

MECHANICAL ENGINEERING

431 Civil Engineering I, Lectures	2	U.	4 4 0
Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
491 First Aid, Lectures	1 <sup>1</sup>	}	14 0
Practical	3 <sup>1</sup>		
451 Mechanical Engineering I, Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	U.	5 5 0
Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
434 Hydraulics, Lectures	1	U.	2 12 6
Practical	3 <sup>1</sup>	U.	1 11 6

Time available for optional subjects.

FOURTH YEAR

The fourth-year courses under this schedule are the same as the fifth-year courses under the five-year schedule.

III. NEW FIVE-YEAR COURSES FOR STUDENTS WHO HAVE NOT ATTAINED AN APPROVED STANDARD IN LEAVING HONOURS MATHEMATICS, PHYSICS AND CHEMISTRY.

Subject No. in Syllabus		Subject	Hours a week	Place of Lecture	Fee £ s. d.
201	Pure Mathematics I,	Lectures	3	U.	} 5 5 0
		Tutorial	1	U.	
221	Physics I,	Lectures	3	U.	5 5 0
		Practical	3	U.	4 4 0
232	Inorganic Chemistry I,	Lectures	2	U.	3 3 0
		Practical	3	U.	5 5 0
481	Engineering Drawing I		4	S.M.	4 10 0
485	Workshop Practice I,	Lectures	1 <sup>2</sup>	S.M.	} 3 10 0
		Practical	3 <sup>2</sup>	S.M.	
491	First Aid,	Lectures	1 <sup>1</sup>	}	14 0
		Practical	3 <sup>1</sup>		
492	General Engineering		1 <sup>1</sup>		

## SECOND YEAR

204	*Pure Mathematics IIA,	Lectures	2	U.	} 5 5 0
		Tutorial	1	U.	
207	Applied Mathematics I,	Lectures	3	U.	} 5 5 0
		Tutorial	1	U.	
223	*Physics II (B.E.),	Lectures	2	U.	4 4 0
		Practical	3	U.	6 6 0
437	Surveying I,	Lectures	1	U.	1 11 6
		Practical	3	U.	3 3 0
439	Survey Camp				3 3 0
486	Workshop Practice II,	Lectures	1	S.M.	} 6 15 0
		Practical	3	S.M.	

\* Students wishing to proceed to the degree of Bachelor of Science should note that the full Science courses in Physics II and Pure Mathematics II are required in lieu of Physics II (B.E. Course) and Pure Mathematics IIA. Approval of the Heads of the Departments concerned is required before proceeding with the option.

## THIRD YEAR

201	Applied Mathematics IIA,	Lectures	2	U.	} 5 5 0
		Tutorial	1	U.	
483	Engineering Materials,	Lectures	1	}	1 11 6
		Practical	3 <sup>2</sup>		
441	Electrical Engineering I—				
	Part A,	Lectures	2	U.	3 13 6
		Practical	3 <sup>2</sup>	U.	3 13 6
	Part B,	Lectures	1	U.	1 11 6
		Practical	3 <sup>1</sup>	U.	1 11 6
482	Engineering Drawing II,	Lectures	1 <sup>2</sup>	S.M.	} 3 10 0
		Practical	3 <sup>2</sup>	S.M.	
436	Strength of Materials,	Lectures	2	U.	4 4 0
		Practical	3	U.	4 4 0

## FOURTH YEAR

## CIVIL ENGINEERING

	†Geology (for Engineers),	Lectures	2	U.	3 3 0
		Practical	3	U.	3 3 0
431	Civil Engineering I,	Lectures	2	U.	4 4 0
		Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
451	Mechanical Engineering I,	Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	U.	5 5 0
		Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
434	Hydraulics,	Lectures	1	U.	2 12 6
		Practical	3 <sup>1</sup>	U.	1 11 6

† This course will not be given until 1956.



ELECTRICAL ENGINEERING

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £ s. d.
431A	Civil Engineering IA, Lectures	2 <sup>2</sup>	U.	3 3 0
	Practical	3	U.	4 4 0
442	Electrical Engineering II, Lectures	3	U.	5 5 0
	Practical	5	U.	5 5 0
434	Hydraulics, Lectures	1	U.	2 12 6
	Practical	3 <sup>1</sup>	U.	1 11 6
451	Mechanical Engineering I, Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	U.	5 5 0
	Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0

MECHANICAL ENGINEERING

431	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
451	Mechanical Engineering I, Lectures	2 <sup>2</sup> , 3 <sup>1</sup>	U.	5 5 0
	Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
434	Hydraulics, Lectures	1	U.	2 12 6
	Practical	3 <sup>1</sup>	U.	1 11 6

Time available for optional subjects.

FIFTH YEAR

CIVIL ENGINEERING

432	Civil Engineering II, Part A, Lectures	3	U.	6 6 0
	Practical	6	U.	7 7 0
	Part B, Lectures	2	U.	4 4 0
	Practical	8	U.	4 4 0
493	Industrial Engineering, Lectures	2	U.	4 4 0
440	*Survey Camp (second)			3 3 0

\* The Second Survey Camp may be attended at the end of the third year if the candidate so desires.

ELECTRICAL ENGINEERING

443	Electrical Engineering III—			
	Power Option:			
	Part A: Servomechanisms, Lectures	3 <sup>1</sup>	U.	3 3 0
	Practical	6 <sup>1</sup>	U.	4 4 0
	Part B: Electrical Power, Lectures	4	U.	8 8 0
	Practical	6 <sup>1</sup> , 12 <sup>2</sup>	U.	12 12 0
	Specialist Lectures and Seminar Work	1	U.	2 2 0
	Electronics Option:			
	Part A: Servomechanisms, Lectures	3 <sup>1</sup>	U.	3 3 0
	Practical	6 <sup>1</sup>	U.	4 4 0
	Part C: Electronics and Communications, Lectures	4	U.	8 8 0
	Practical	6 <sup>1</sup> , 12 <sup>2</sup>	U.	12 12 0
	Specialist Lectures and Seminar Work	1	U.	2 2 0
493	Industrial Engineering	2	U.	4 4 0

MECHANICAL ENGINEERING

452	Mechanical Engineering II—			
	Part A, Thermodynamics, Lectures	3 <sup>2</sup>	U.	4 4 0
	Practical	3	U.	6 16 6
	Fluid Mechanics, Lectures	2 <sup>2</sup> , 1 <sup>1</sup>	U.	3 3 0
	Practical	3 <sup>2</sup>	U.	1 11 6
	Part B, Theory of Machines II, Lectures	2 <sup>1</sup> , 1 <sup>2</sup>	U.	3 3 0
	Practical	3 <sup>1</sup>	U.	3 3 0
	Machine Design II, Lectures	2 <sup>2</sup>	U.	3 3 0
	Practical	6	U.	6 6 0
493	Industrial Engineering, Lectures	2	U.	4 4 0

HONOURS DEGREE IN ENGINEERING

Candidates for the Honours degree in Mining Engineering, Metallurgical and Chemical Engineering, Electrical Engineering, Mechanical Engineering, or Civil Engineering under Regulation 14 shall complete the full course for the final year of their respective course, and in addition the following courses:—

Honours Lectures	2	U.	5 5 0
Laboratory Project	250 hours	U.	10 10 0
	total		

## ARCHITECTURAL ENGINEERING

## FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £ s. d.
231	*Inorganic Chemistry I, Lectures	2	U.	3 3 0
		3	U. or S.M. }	5 5 0
416	Architectural Drawing I	4	S.M.	4 10 0
424	Free Drawing I	2	S.M.	4 10 0
421	Building Construction and Drawing I, Lectures	1	S.M. }	6 0 0
		2	S.M. }	
201	Pure Mathematics I, Lectures	3	U. }	5 5 0
		1	U. }	
221	Physics I, Lectures	3	U.	5 5 0
		3	U.	4 4 0
406	Architectural History I, Lectures	1	S.M. }	6 0 0
		2	S.M. }	
492	General Engineering	1 <sup>2</sup>	U.	—

## SECOND YEAR

207	*Applied Mathematics I, Lectures	3	U. }	5 5 0
		1	U. }	
204	*Pure Mathematics IIA, Lectures	3	U. }	5 5 0
		1	U. }	
422	Building Construction and Drawing II, Lectures	1	U. }	6 0 0
		2	S.M. }	
411	Architectural Design I	4	S.M.	6 0 0
407	Architectural History II, Lectures	1	S.M. }	6 0 0
		2	S.M. }	
425	Free Drawing II	2	S.M.	4 10 0
417	Architectural Drawing II	4	S.M.	4 10 0

## THIRD YEAR

251	Geology I, Lectures	2	U.	3 3 0
		3	U.	3 3 0
412	Architectural Design II	6	S.M.	6 15 0
401	Architectural Theory Construction and Practice I, Lectures	1	S.M. }	6 0 0
		3	S.M. }	
436	Strength of Materials, Lectures	2	U.	4 4 0
		3	U.	4 4 0
491	First Aid	3 <sup>2</sup>		0 14 0

## FOURTH YEAR

413	Architectural Design III	6	S.M.	9 15 0
402	Architectural Theory Construction and Practice II, Lectures	3 <sup>2</sup> , 2 <sup>1</sup>	S.M. }	6 15 0
		3	S.M. }	
431	Civil Engineering I, Lectures	2	U.	4 4 0
		6 <sup>1</sup> 3 <sup>2</sup>	U.	6 6 0
484	Surveying IA, Lectures	1	S.M. }	6 0 0
		3	S.M. }	

## FIFTH YEAR

403	Architectural Theory Construction and Practice III, Lectures	3	S.M. }	8 8 0
		3	S.M. }	
419	Architectural Thesis	8	S.M.	6 0 0
435*	Structural Design, Practical	8	U.	4 4 0

Note.—These schedules are divided into five years, as it is expected that normally students will not be full-time day students after the third year. If a student is articled in an architect's office it is not to be expected that the course can be completed even in five years, but it is important that subjects should be taken in their proper sequence.

\* The subjects marked with an asterisk are not required by the Royal Australian Institute of Architects in its recognition of this course.

OF THE DEGREE OF BACHELOR OF LAWS  
AND  
OF THE FINAL CERTIFICATE IN LAW  
REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Laws and a Final Certificate in Law.

2. A candidate before entering upon the course for either degree of Bachelor of Laws or for the Final Certificate in Law shall matriculate in the Faculty of Law.

3. To obtain the Ordinary degree of Bachelor of Laws a candidate shall—

- (a) pass in all the following subjects:
- (i) Elements of Law,
  - (ii) Constitutional Law, Part I,
  - (iii) Criminal Law and Procedure,
  - (iv) and (v) Two subjects chosen by the candidate from the following list: Greek I, Latin I, French I, German I, English IA, Philosophy I, Pure Mathematics I, History IA or IB or IC, Elementary Psychology, Geography I, Social Economics; provided (a) that in the case of any individual candidate the Faculty of Law may approve as the subjects numbered (iv) and (v) any subject or subjects, except the Science subjects, provided for the Ordinary degree of Bachelor of Arts; (b) that a candidate who has already graduated in Arts will be credited with the subjects numbered (iv) and (v),
  - (vi) The Law of Contract,
  - (vii) The Law of Torts,
  - (viii) The Law of Property,
  - (ix) Constitutional Law, Part II,
  - (x) Jurisprudence,
  - (xi) Roman Law,
  - (xii) Legal History,
  - (xiii) Equity,
  - (xiv) Mercantile Law,
  - (xv) Private International Law,
  - (xvi) The Law relating to Companies, Partnership, Bankruptcy and Divorce,
  - (xvii) The Law of Evidence and Procedure; and
- (b) produce a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics.

\*3A. (1) To obtain the Honours degree of Bachelor of Laws a candidate shall:

\* Awaiting allowance at time of printing.

- (a) pass in all the subjects numbered (i) to (xvii) in Regulation 3 at the first attempt; provided that in exceptional cases the Faculty may waive the requirement of passing at the first attempt;
- (b) of the aforesaid subjects, excluding those numbered (iv) and (v), be placed in the first class in at least eight or in the first class in five and in the first or second class in at least five others; and
- (c) pass, in addition, at the first attempt, in the final year of his course for the Ordinary degree, a General Honours Examination of not more than two papers, for the answering of which access may be allowed to the Law Library.

(2) A candidate who satisfies the requirements of sub-Regulation (1) of this Regulation shall be awarded the Honours degree of Bachelor of Laws, but the Faculty shall decide, after consideration of the whole of his work for the degree including all his examination results, whether the degree shall be awarded with First or Second Class Honours.

(3) A candidate who has been granted status by virtue of clause 7 of Chapter XXV of the University Statutes, or by virtue of Regulation 17 of these Regulations, may be awarded the Honours degree of Bachelor of Laws if the Council so decides, notwithstanding that he has not completely satisfied the requirements of sub-Regulation (1) of this Regulation.

4. To obtain the Final Certificate in Law a candidate shall

- (a) pass in all the following subjects:
  - (i) Elements of Law,
  - (ii) Constitutional Law, Part I,
  - (iii) Criminal Law and Procedure,
  - (iv) The Law of Contract ,
  - (v) The Law of Torts,
  - (vi) The Law of Property,
  - (vii) Equity,
  - (viii) Mercantile Law,
  - (ix) The Law relating to Companies, Partnership, Bankruptcy and Divorce,
  - (x) The Law of Evidence and Procedure; and
- (b) produce a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics.

5. Every candidate may take his subjects in any order, with the following exceptions: he must pass

- (a) in Constitutional Law, Part I, before entering for the course of lectures in Constitutional Law, Part II;
- (b) in the Law of Property before entering for the course of lectures in Equity;
- (c) in the Law of Contract before entering for the course of lectures in Mercantile Law;

- (d) in the Law of Contract, in the Law of Tort, in the Law of Property, in Equity, and in Mercantile Law before entering for the course of lectures in Private International Law;
- (e) in Equity and in Mercantile Law before entering for the course of lectures in the Law relating to Companies, Partnership, Bankruptcy and Divorce;
- (f) in the Law of Contract, in the Law of Torts, in the Law of Property, in Equity, and in Criminal Law and Procedure before entering for the course of lectures in the Law of Evidence and Procedure;
- (g) in Elements of Law, in Constitutional Law, Part I, in Criminal Law and Procedure, in the Law of Contract, in the Law of Torts, in the Law of Property, and in Constitutional Law, Part II, before entering for the course of lectures in any of the following subjects: Jurisprudence, Roman Law, Legal History.

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 articulated 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.

11. The names of candidates who pass in any subject shall be arranged in three classes. Those in the first and second classes shall

be arranged in order of merit and those in the third class shall be arranged in alphabetical order; provided that the names of candidates who pass in the subjects numbered (iv) and (v) in Regulation 3 shall be arranged in accordance with the Regulations of the Ordinary degree of Bachelor of Arts.

The results of all annual and supplementary examinations in Law shall be transmitted by the Registrar to the Chief Justice of the Supreme Court of South Australia.

12. Schedules defining the scope of the subjects of study, and appointing text-books, shall be drawn up by the Faculty, subject to the approval of the Council, and students will be required to show not merely an acquaintance with those books, but also a competent knowledge of the subjects of study.

13. The Intermediate Examination in Law shall consist of Elements of Law and either Criminal Law and Procedure or Constitutional Law, Part I.

14. When entering for examination a candidate shall present on the prescribed form certificates showing that he has regularly attended the prescribed lectures, and has done written or other work, when required, to the satisfaction of the professors or lecturers concerned.

15. The undermentioned fees shall be payable in advance:—

(1) Entrance fee (including the Matriculation fee)	- - - -	£2 2 0
(2) Annual fee for each subject in which a student attends lectures, including one annual examination in that subject	- - - -	£7 7 0
(3) For the course of lectures in Legal Ethics	- - - -	£2 2 0
(4) For attendance at lectures and examination in the subjects numbered (iv) and (v) in Regulation 3		the fees prescribed in the Regulations of the degree of Bachelor of Arts.
(5) For all additional examinations required for the Honours degree of Bachelor of Laws	- - - -	£3 3 0
(6) For the Final Certificate	- -	£5 5 0

One half of the fee prescribed for any course shall be paid by a student who is exempted from lectures, and by one who takes lectures or examinations, or both, a second or subsequent time.

16. The Faculty of Law may grant to any student such exemption from the requirements of Regulations 5, 6, 7, 8, 9, and 14, and upon such conditions, as it shall decide.

17. All previous regulations concerning the degree of Bachelor of Laws and the Final Certificate in Law are hereby repealed. A candidate who by December 31, 1952, had matriculated in the Faculty of Law and had passed in at least two subjects in his course for the

Ordinary degree of Bachelor of Laws or for the Final Certificate in Law may proceed to the Ordinary degree or the Final Certificate under the regulations hereby repealed provided that he completes his course under those regulations by March 31, 1958. A candidate may at any time apply to the Faculty of Law for status under these regulations and shall be granted such status thereunder as the Faculty may in each case determine. Any person who has obtained or may obtain the Ordinary degree of Bachelor of Laws under the Regulations hereby repealed may proceed to the Honours degree under those Regulations provided that he does so by March 31, 1959.

Allowed 22nd January, 1953.

FOOTNOTE (which does not form part of the Regulations).

The Faculty of Law recommends:

- (a) that all candidates for the LL.B. degree take their subjects according to the following scheme:

*First Year:* Elements of Law; Constitutional Law, Part I; Criminal Law and Procedure; and two Arts subjects.

*Second Year:* The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law, Part II.

*Third Year:* Jurisprudence; Roman Law; Legal History; Equity; Mercantile Law.

*Fourth Year:* Private International Law; The Law relating to Companies, Partnership, Bankruptcy and Divorce; The Law of Evidence and Procedure.

- (b) that all candidates for the Final Certificate take their subjects according to the following scheme:

*First Year:* Elements of Law; Constitutional Law, Part I; Criminal Law and Procedure.

*Second Year:* The Law of Contract; The Law of Torts; The Law of Property.

*Third Year:* Equity; Mercantile Law.

*Fourth Year:* The Law relating to Companies, Partnership, Bankruptcy and Divorce; The Law of Evidence and Procedure.

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## RULES OF THE SUPREME COURT

(Applicable to students proceeding under the 1952 regulations.)

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.

1. (1) The general rules and orders relating to the admission of barristers, attorneys, solicitors and proctors made on the fifth day of November, nineteen hundred and twenty-five, are annulled as from the coming into operation of these rules.

(3) Any person who, before the 5th day of December, 1935, 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, and who has been, or shall be, allowed by the Council of that University to complete that course, shall be entitled to apply for admission as a practitioner if he has qualified for admission under the annulled rules; but rules 15 to 20 and 22 to 37 and 39 (all inclusive) shall apply to every such person.

#### ARTICLED CLERKS.

5. No articles of clerkship shall be entered into unless the clerk—
  - (a) has passed the matriculation examination in the University of Adelaide or in some recognised University or the preliminary or any intermediate examination which a person is for the time being required to pass before entering into articles of clerkship to a solicitor of the United Kingdom; and
  - (b) has passed the intermediate examination in Law in the University of Adelaide; and
  - (c) has given at least ten clear days' notice to the Society<sup>1</sup> of his intention to present himself before the Board of Examiners<sup>2</sup>, and
  - (d) has attended personally before the Board of Examiners<sup>2</sup>.
6. Within three months after the execution of his articles the articulated clerk shall—
  - (a) file the articles;
  - (b) file an affidavit verifying the execution and date of the articles;
  - (c) produce to the Master<sup>3</sup> certificates showing that the clerk has passed the examinations required by the last preceding rule;
  - (d) file copies of such certificates;
  - (e) give notice to the Society<sup>1</sup> of the execution of the articles.
7. Within one month of the execution of any assignment of any articles the articulated clerk shall—
  - (a) file the assignment;
  - (b) file an affidavit verifying the execution and date of the assignment; and
  - (c) give notice to the Society<sup>1</sup> of the execution of the assignment.
8. (1) Every articulated clerk shall during the full term of his articles be employed under the personal supervision of—
  - (a) the practitioner 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.

<sup>1</sup> The Law Society of South Australia, Incorporated.

<sup>2</sup> The Board of Examiners of the Supreme Court of South Australia.

<sup>3</sup> The Master of the Supreme Court of South Australia.



(2) The assistant Crown Solicitor shall for the purpose of this rule be deemed to be a partner of the Crown Solicitor.

9. (a) No articled clerk shall during the period of his articles pursue any occupation or business other than the proper business of a practitioner.

(b) A clerk articled to the Crown Solicitor shall not be deemed to pursue any such occupation or business by reason merely of the fact that he is a public servant.

#### PERSONS ELIGIBLE FOR ADMISSION.

10. A person who has attained the age of twenty-one years, and is either a natural born or naturalised British subject, may apply to be admitted as a practitioner if such person is—

- (a) a member of the bar of England, of the Irish Free State, or of Northern Ireland;
- (b) a Scottish advocate;
- (c) a solicitor of the United Kingdom;
- (d) a barrister or a solicitor of a reciprocating part of the British Dominions;
- (e) a clerk who has served the prescribed period of articles and has also passed the law examinations prescribed by these rules.

#### LAW EXAMINATIONS.

11. No person other than those mentioned in subparagraphs (a), (b), (c) and (d) of the last preceding rule (who are in these rules called "applicants previously admitted elsewhere") shall be admitted until he has satisfied the Board of Examiners<sup>2</sup> that—

- (a) he has taken, or has passed the examinations entitling him to take, the degree of Bachelor of Laws in the University of Adelaide; or
- (b) has at examinations at the University of Adelaide obtained the final certificate in law certifying that he has passed in—
  - i. elements of law and legal and constitutional history;
  - ii. the law of contracts;
  - iii. the law of wrongs (civil and criminal);
  - iv. the law of property (real and personal);
  - v. the law of equity and conveyancing;
  - vi. mercantile law;
  - vii. the law relating to companies, partnership, bankruptcy, and divorce;
  - viii. the law of evidence and procedure; and
  - ix. constitutional law; and

<sup>2</sup> The Board of Examiners of the Supreme Court of South Australia.

- (c) in either case (a) or (b) that he has produced to the Faculty of Law at 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.

12. A clerk who has obtained a degree of Bachelor of Laws at the University of Adelaide, or the final certificate in law, and who has served the whole period of his articles in the State, may be admitted after four years' service as an articled clerk: Provided that three years' service shall suffice if the clerk satisfies the Board of Examiners<sup>2</sup> that—

- (a) before being articled he had passed in at least two subjects prescribed for the degree of Bachelor of Laws in the University of Adelaide in addition to the Intermediate Examination in Law; and
- (b) he had, before his application for admission is considered by the Board<sup>2</sup>, taken or become entitled to take the degree of Bachelor of Laws or Bachelor of Arts in the University of Adelaide or in some recognised University.

13. Any other clerk shall satisfy the Board of Examiners<sup>2</sup> that he has obtained at the University of Adelaide either the degree of Bachelor of Laws or the final certificate in Law, and has served five years under articles—

- (a) to a solicitor of the United Kingdom or of a recognised part of the British Dominions; or
- (b) partly to such a solicitor and partly to a practitioner of the Supreme Court of the State.

14. Any period during which a clerk has been or has acted as associate to a Judge of the Supreme Court of the State, shall be deemed to be a period served as an articled clerk to a practitioner.

<sup>2</sup> The Board of Examiners of the Supreme Court of South Australia.

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

\* Allowed 10th December, 1930.

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 following fees shall be payable in advance:

On presentation of thesis	-	-	-	-	£5	5	0
On entry for examination, if required	-	-	-	-	5	5	0
On admission to the degree	-	-	-	-	5	5	0

\* Allowed 7th December, 1939.

Allowed 10th December, 1930.

#### 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.

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.

\* Allowed 10th December, 1930.

5. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Doctor of Laws.

\*6. The following fees shall be paid in advance:

On submission of the thesis for examination	-£21	0	0
On admission to the degree	-	-	- 5 5 0

†7. Repealed.

\* Allowed 14th December, 1950. † Repealed 10th December, 1930.  
Allowed 12th December, 1907.

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### 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 prescribed form and by the prescribed date and shall furnish with his entry certificates of having completed the course of study and practice prescribed for that examination.

4. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken and the examinations to be passed, shall be drawn up by the Faculty of Medicine and submitted to the Council. Such schedules shall become effective as from the date of approval of the Council or from such other date as the Council may determine and shall be published in the next University Calendar which is issued after that approval has been given.

5. Written or practical work done by candidates by direction of the Professors or Lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

6. A student who has passed examinations *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, all annual examinations shall be held in or about November of each year and the supplementary examinations associated with the annual examinations of the first five years shall be held in or about March. 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 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. Except as provided for elsewhere in these Regulations the names of candidates who pass with credit at each annual examination shall be arranged in order of merit and the names of other candidates who pass that examination shall be arranged in alphabetical order.

12. (i) The following fees shall be paid in advance in such instalments as the Council shall from time to time determine:
- |   |           |         |
|---|-----------|---------|
| (a) For each year's course of study, including the annual examination at the end of that year | - - - - - | £40 0 0 |
| (b) For a supplementary examination in a single subject                                       | - - - - - | 3 3 0   |
| (c) For a supplementary examination in a group of subjects                                    | - - - - - | 5 5 0   |
- (d) For tuition and work (and material supplied therefor) in the wards of the teaching hospitals and in the Institute of Medical and Veterinary Science: such fees as may be prescribed by the Hospital concerned or by the Institute.
- (ii) Half the annual fee shall be paid by a student taking the year's course of instruction or an annual examination or both a second or subsequent time.
- (iii) Fees for separate subjects shall be prescribed by the Council from time to time.

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.

Awaiting allowance at time of printing.

#### SCHEDULES.

[When entering upon the medical course the student must provide himself with a microscope approved by the Professor of Pathology.]

Note.—The Hospital Clinical Year begins on the 1st February.

Before beginning his hospital practice each student must provide himself with a stethoscope, a clinical thermometer, a sphygmomanometer, a haemocytometer, a haemoglobinometer, an approved auroscope, an approved reflecting-type ophthalmoscope, a percussion hammer, and a small torch.

#### SCHEDULE OF COURSES OF STUDY.

Subjects for each Year of the Medical Course.

During the first year the student shall attend courses of lectures and practical work in (a) Physics, (b) Chemistry, (c) Botany, (d) Zoology.

During the second year the student shall

- (a) attend a course of lectures and demonstrations in Anatomy, and dissect during the whole academic year;
- (b) attend courses of lectures and practical work in Histology and Embryology;
- (c) attend a course of lectures and practical work in Biochemistry;
- (d) attend a course of lectures and practical work in Physiology.

During the third year the student shall

- (a) attend a course of lectures and practical work in Anatomy, including surface, surgical and radiological anatomy;
- (b) attend a course of lectures and practical work in Neurology;
- (c) attend courses of lectures and practical work in Physiology, including Applied Physiology;
- (d) attend a course of lectures in Normal Psychology;
- (e) attend a course of lectures in Public Health;
- (f) attend at the Royal Adelaide Hospital for clinical tutoring as directed by the Faculty.

During the fourth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine and Medical Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and in Clinical Surgery (including Radiology), except during any period of residence at the Queen Victoria Maternity Hospital;
- (d) attend a course of lectures in Obstetrics;
- (e) attend a course of instruction and practical work in Pathology;
- (f) attend a course of instruction and practical work in Bacteriology;
- (g) attend a course of demonstrations in Regional and Surgical Anatomy and in Operative Surgery;
- (h) attend a course of instruction in Pharmacy, and obtain a certificate of competency from the lecturer therein.
- (i) attend a course of instruction at the Department of Dentistry at the Royal Adelaide Hospital;
- (j) attend at least forty *post-mortem* examinations;
- (k) receive tutorial instruction in Medicine and Surgery;
- (l) attend the medical and surgical practice of the Royal Adelaide Hospital in the wards and in the outpatients' department except during any period of residence at the Queen Victoria Maternity Hospital.

During the third, fourth and fifth years the student shall

- (a) attend a course of lectures and lecture-demonstrations in Applied Physiology, and conduct clinical physiological investigations to the satisfaction of the Professor;
- (b) attend the Queen Victoria Maternity Hospital for four weeks for clinical work in Obstetrics.

During the fourth, fifth, and sixth years the student shall

- (a) perform the duties of Medical Clerk during at least six months which shall include attendance for three weeks at the Pulmonary Tuberculosis Department of the Royal Adelaide Hospital, including six attendances at the Outpatients' Department;
- (b) perform the duties of Surgical Dresser during at least six months;
- (c) attend a course of instruction at the Royal Adelaide Hospital and at the Adelaide Children's Hospital in the administration of Anaesthetics by some person approved by the Council.

During the fifth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine and in Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and Clinical Surgery at the Royal Adelaide Hospital except during any period of residence at the Queen Victoria Maternity Hospital;
- (d) attend a course of lectures in Gynaecology;
- (e) complete the course of instruction and practical work in Pathology;

- (f) attend a course of lectures and demonstrations in Public Health and Preventive Medicine;
- (g) attend a course of lectures in Forensic Medicine;
- (h) attend a course of lectures and clinical demonstrations in Psychological Medicine;
- (i) attend courses of lectures in the medical and surgical diseases of children;
- (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 twelve attendances at the Metropolitan Infectious Diseases Hospital or other institution approved by the Faculty;
- (l) continue to receive tutorial instruction in Medicine and Surgery;
- (m) attend the medical and surgical practice of the Royal Adelaide Hospital in the wards and outpatients' department, except during any period of residence at the Queen Victoria Maternity Hospital;
- (n) attend interim examinations in clinical medicine and clinical surgery.

During the fifth and sixth years the student shall:

- (a) hold the office of Medical Clerk in the outpatients' department of the Royal Adelaide Hospital for two days a week during twelve weeks;
- (b) hold the office of Surgical Dresser in the outpatients' department at the Royal Adelaide Hospital for two days a week during twelve weeks;
- (c) attend for twelve weeks the practice of the Gynaecological Clinic at the Royal Adelaide Hospital in the wards and outpatients' department;
- (d) attend at least forty *post-mortem* examinations;
- (e) attend a course of lectures and attend for two days a week for twelve weeks the practice of the Ophthalmological Department;
- (f) hold for six weeks each the offices of Medical Clerk and Surgical Dresser at the Adelaide Children's Hospital;
- (g) during term of residence at the Queen Victoria Maternity Hospital attend on at least five occasions at an approved Infant Welfare Clinic.

During the sixth year the student shall

- (a) attend courses of lectures in Clinical Medicine and in Clinical Surgery;
- (b) attend the course of lectures on the Diseases of the Ear, Nose, and Throat, and attend one day a week during twelve weeks the practice of the Ear, Nose, and Throat Department;
- (c) attend a course of lectures in Medical Ethics;
- (d) attend the Queen Victoria Maternity Hospital for two weeks for clinical work in Obstetrics;
- (e) attend on ten occasions the practice of the Dermatological Department at the Royal Adelaide Hospital;
- (f) perform the duties of Medical Clerk for eight weeks, including six attendances at the outpatients' department of the Pulmonary Tuberculosis Department;
- (g) perform the duties of Surgical Dresser for eight weeks;
- (h) attend a special lecture on life assurance.
- (i) after having served two months as a Medical Clerk in the general wards of the Royal Adelaide Hospital, attend six lecture-demonstrations in Pulmonary Tuberculosis.

#### 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. Botany (533)
4. Zoology (534).



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).

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE  
OF THE ROYAL ADELAIDE HOSPITAL.

NOTE.—Students' Fees must be paid during the first week of attendance.

1. Each medical student admitted to the practice of the Hospital shall be under the control of the Medical Superintendent.
2. No student shall publish the report of any case without the written permission of the Honorary Medical Officer under whose care the patient is or has been.
3. No student may introduce visitors into the Hospital without the permission of the Medical Superintendent.
4. Students shall discharge the duties assigned to them, and pay for or replace any article damaged or lost or destroyed by them through negligence.
5. The Hospital clinical year extends from 1st February until 20th October, but during vacation students may attend at the Hospital for clinical work under the honorary and resident staff.
6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Board, and shall, on dismissal, forfeit all payments which he may have made and all rights 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—
- assist the Admitting Medical Officer in the Casualty Room;
  - examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;
  - attend or assist at emergency operations, as directed by the Medical Superintendent;
  - 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 Hospital such fees for admission to the practice of the Royal Adelaide Hospital as may be determined by the Board from time to time. The fees to be paid are as follows:
- For instruction in practical pharmacy, £2 2/-.  
 For clinical instruction by the Honorary Staff, including medical clerkships and surgical dresserships:—
- For the medical and surgical practice of the Hospital for each student during his fourth or fifth year, £5 5/- a year.
  - For both medical and surgical practice and practice in special subjects (as in the sixth year), £10 10/- a year.
  - For instruction in the post-mortem room, £2 2/- each year for two years.
  - For instruction in the administration of anaesthetics, £3 3/-.
- The above fees are to be paid to the University.
- The following fees are to be paid to the Secretary of the Hospital:—
- An entrance fee when commencing the clinical practice of the Hospital, £5 5/-.
  - For instruction in dentistry, £2 2/-.
  - For materials supplied for use in Operating Theatres, £5/5/-. (In the year 1954 fifth and sixth year students will pay £3/10/- and £1/15/- respectively in lieu of £5/5/-)
- The following fees are to be paid for material supplied by the Institute of Medical and Veterinary Science:—
- For material in bacteriology, £1 1/-.
  - For material in practical pathology, £2 2/-.

Approved by the Council, 1925 and 1933.

#### INSTITUTE OF MEDICAL AND VETERINARY SCIENCE RULES FOR MEDICAL STUDENTS

- 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.
- 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.
- 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.
- 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.
- 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.
- 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 QUEEN VICTORIA MATERNITY 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:—

- 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 42/3 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 NORTFIELD CANCER AND CONSUMPTIVE HOME, THE METROPOLITAN INFECTIOUS DISEASES 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 or with the Metropolitan Infectious Diseases Hospital Board, as the case may be:—

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 Northfield Consumptive and Cancer Home, by the physician to whom the student has been attached as a Clinical Clerk; for the practice of the Metropolitan Infectious Diseases 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 (in the case of the Metropolitan Infectious Diseases Hospital, by the Board), and shall, on dismissal, forfeit all payments which he may have made and all rights accruing therefrom.

## OF THE DEGREE OF BACHELOR OF MEDICAL SCIENCE REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Medical Science. A candidate may obtain either degree or both.

2. An undergraduate in the Faculty of Medicine who

- (i) has passed the First Examination, having attained credit standard in at least two subjects;
- (ii) has passed the Second Examination with credit; and
- (iii) has passed the Third Examination

may interrupt his medical course and undertake for one year advanced study in Anatomy or Biochemistry or Physiology. On completion of such advanced study to the satisfaction of the examiners he shall be qualified for admission to the Ordinary degree of Bachelor of Medical Science.

3. An undergraduate in the Faculty of Medicine who

- (i) has passed the First Examination, having attained credit standard in at least two subjects;
- (ii) has passed the Second Examination with credit; and
- (iii) has passed the Fourth Examination

may interrupt his medical course and undertake for one year advanced study in Bacteriology or Pathology or Pharmacology. On completion of such advanced study to the satisfaction of the examiners he shall be qualified for admission to the Ordinary degree of Bachelor of Medical Science.

4. (a) A candidate who has qualified for the Ordinary degree of Bachelor of Medical Science may, at any subsequent time, undertake a second year's advanced work in the same subject, and on completion of such work to the satisfaction of the examiners he shall be qualified for admission to the Honours degree of Bachelor of Medical Science.

(b) The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class

Second Class

Division A

Division B.

5. (a) When entering for examination a candidate shall present on the prescribed form certificates showing that 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 or 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 Bachelor of Medical Science, shall on application be granted such status and such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.

Allowed 8th December, 1949.

#### SCHEDULE OF FEES MADE BY THE COUNCIL UNDER REGULATION 6

A. The annual fee for the special year's work in any subject for the Ordinary degree or for the Honours degree, inclusive of fees for lectures, practical work and examination, shall be £30.

#### OF THE DEGREE OF DOCTOR OF MEDICINE REGULATIONS

1. A Bachelor of Medicine may proceed to the degree of Doctor of Medicine by complying with the following regulations, but shall not be admitted to the degree until the expiration of the third academic year from the date of his admission to the degree of Bachelor of Medicine.

A graduate in Medicine of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such a case the three academic years specified above shall be calculated from the date of the candidate's admission to the degree by virtue of which he was admitted *ad eundem gradum*.

2. To qualify for the degree a candidate shall submit a satisfactory thesis on some branch of Medicine or an allied science approved by the Faculty.

\*3. The degree shall be awarded only if the thesis contains an account of original work by the candidate. The thesis must represent a definite contribution to knowledge. The thesis may be written specially for the degree, or be an already published work, or be a paper or series of papers read before any recognised society approved by the Faculty. It shall not previously have been submitted for any other degree.

\*Allowed 11th November, 1954.

## 4. The candidate shall:

- (a) submit with his thesis a declaration that the thesis is his own composition;
- (b) indicate wherein he considers the thesis to advance medical knowledge or practice;
- (c) furnish a history of the progress of medical knowledge in the subjects of the thesis;
- (d) indicate clearly and fully, by appropriate references, the extent to which he is indebted for any portion of his work to any other person.

A candidate is recommended to submit the proposed subject of his thesis for approval by the Faculty in advance, and if possible to consult the Professor or head of the department within which his thesis falls about the nature, scope and arrangement of the thesis before submitting it.

5. A candidate may submit other papers in support of his main thesis.

6. If it approve of the subject or subjects of the work submitted the Faculty of Medicine shall nominate examiners, of whom one at least shall be an external examiner.

7. A candidate may be required by the examiners to undergo an examination in the subject-matter of his thesis.

8. The names of successful candidates shall be arranged in alphabetical order.

† 9. Three copies of the thesis and of any supporting papers which the candidate desires to submit must be lodged with the Registrar.

10. A printed or typewritten copy of any thesis approved by the examiners shall be lodged in the library of the University before the candidate is admitted to the degree.

\*11. The following fees shall be paid in advance:

On submission of the thesis for examination	-£21	0	0
On admission to the degree	-	-	5 5 0

\* Allowed 14th December, 1950.

† Allowed 11th November, 1954.

Allowed 10th January, 1946.

## OF THE DEGREE OF MASTER OF SURGERY REGULATIONS

\*1. A Bachelor of Surgery may proceed to the degree of Master of Surgery by complying with the following regulations, but shall not be admitted to the degree until the expiration of the third academic year from the date of his admission to the degree of Bachelor of Surgery.

\* Allowed 10th January, 1946, and amended 11th December, 1947.

A graduate in Surgery of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such a case the three academic years specified above shall be calculated from the date of the candidate's admission to the degree by virtue of which he was admitted *ad eundem gradum*.

A Master of Surgery of another University will be recommended for admission *ad eundem gradum* in the University of Adelaide only if the Faculty of Medicine certify that in its opinion the degree, by virtue of which the candidate desires admission, is equivalent to the degree of Master of Surgery in the University of Adelaide.

\*2. The examination for the degree shall be divided into two parts. Part I shall consist of Anatomy and Physiology, may be taken at any time after graduation in medicine and surgery, and must be taken by every candidate not exempted under Regulation 3. Part II shall consist of an examination in Surgery, and shall not be taken before the expiration of three academic years from the date of graduation in Medicine and surgery. Before being admitted to Part II of the examination a candidate must have spent at least one year in surgical practice approved by the Faculty of Medicine.

†3. A candidate who has passed the primary examination for the Fellowship of the Royal College of Surgeons of England or of the Royal Australasian College of Surgeons or Part I of the examination for the degree of Master of Surgery in another Australian University, may, on application to the Faculty of Medicine, be granted exemption from Part I of the examination.

4. A candidate in Part II of the examination shall, unless exempted as hereinafter provided, pass in

- (a) The Principles of Surgery, including the history of the subject, and
- (b) Such one of the following groups as he may select:
  - (1) General Surgery, including Surgical Anatomy, Pathology, and Operative Surgery, and the history of those subjects;
  - (2) Obstetrics and Gynaecology, including the surgical anatomy, pathology, operative surgery, and history of those subjects;
  - (3) The Surgery of the Eye, including the surgical anatomy, pathology, operative surgery, and history of that subject;
  - (4) The Surgery, of the Ear, Nose, Throat, and Larynx, including the surgical anatomy, pathology, operative surgery, and history of those subjects.

Schedules prescribing further details of the subjects mentioned in this regulation may be drawn up from time to time by the Faculty of Medicine, subject to the approval of the Council.

\* Allowed 11th December, 1947.

† Amended 16th June, 1949.

\*5. The examinations for the degree shall be held, if required, in May of each year. They shall be conducted by means of written papers, *viva voce* questions, practical demonstrations, and clinical examination of patients, or by any one or more of these methods as may be determined by the Faculty. Each candidate shall forward to the Registrar, before the first day of February, notice of his intention to present himself for examination in the following May, and shall state the group of subjects in which he desires to be examined.

\*5a. A candidate who does not present a thesis as provided for in Regulations 6 and 7 shall submit with his entry for Part II of the examination a dissertation or essay on some subject approved by the Faculty of Medicine. Such dissertation or essay shall include a review of the history, literature and pathology of the subject and comments thereon derived from the candidate's own observations and experience.

6. A candidate may submit, with his entry for examination, an original thesis embodying the results of his independent research and observation on some branch of Surgery.

The thesis may be written specially for the degree or be an already published work, or be a paper or series of papers read before any recognised society approved by the Faculty.

If the candidate submit a thesis, he shall also:

- (a) submit with it a declaration that the thesis is his own composition;
- (b) indicate wherein he considers the thesis to advance surgical knowledge or practice.

7. If the thesis be adjudged to be a sufficient merit by the Faculty, after report by the examiners appointed to adjudicate upon it, the candidate may be exempted from the whole or part of the examination under Section (b) of Regulation 4; but in all cases he must pass the examination in the Principles of Surgery, including the history of that subject, required under Section (a) of that regulation, and the appropriate clinical, practical, and oral examinations.

8. At least one external examiner shall be appointed to assist in the conduct of each examination, and the names of successful candidates shall be arranged in alphabetical order.

9. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

10. The following fees shall be paid in advance:

On entry for examination in Part I	-	-	-	£10	10	0
On entry for examination in Part II	-	-	-	15	15	0
On admission to the degree	-	-	-	10	10	0

\* Allowed 11th December, 1947.

Allowed 10th January, 1946.



## 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.

\*He shall forward to the Registrar notice of his intention to present himself at the examination in any year, together with certificates of having satisfactorily completed the course of study and practice prescribed for that year.

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. Except where otherwise provided by these Regulations, the names of candidates who pass with credit at each ordinary examination shall be arranged in order of merit, and the names of other candidates who pass shall be arranged in alphabetical order.

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.

\* Amended 7th December, 1932. † Amended 5th December, 1940.

‡ Amendment awaiting allowance at time of printing.

Such recommendation shall be made by the Board of Examiners when reporting the results of the ordinary examinations, but the Board shall in no case recommend for a supplementary examination any student who has failed to pass in more than two subjects at the ordinary examination.

8. The student shall not be re-examined at the supplementary examination in any subject in which he has passed at the ordinary examination in the previous year, and on passing the supplementary examination in the subjects in which he has failed to present himself or to pass at the ordinary examination, he shall be deemed to have completed an academic year of his course, but no classification shall be allowed.

†8a. The Registrar shall report to the Faculty of Dentistry at its next meeting following that of the Board of Examiners cases of students in the first or second year of the dental course who fail to pass at two successive annual examinations. The Faculty may, after giving the student an opportunity of being heard, recommend that any such student be precluded from proceeding further with the dental course. Such recommendation shall be reported to the Council at its next meeting, and the Council, after making such inquiry as it thinks fit, may confirm, vary, or set aside such recommendation.

9. Any student who has passed examinations *in pari materia* in other faculties or otherwise, and desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Dental Surgery, may on application to the Council, be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass lists of that year. The Faculty shall recommend to the Council the exemption to be granted in each individual case.

10. At the First Examination the student shall satisfy the examiners in each of the following subjects:—

1. Chemistry (601).
2. Physics (602).
3. Zoology (603).
- §4. Dental Materials and Technics I (604).

\*11. At the Second Examination the student shall satisfy the examiners in each of the following subjects:—

1. Anatomy and Histology (611 and 612).
2. Junior Dental Anatomy (613).
3. Physiology and Biochemistry (615 and 614).
4. Dental Histology (612).
- §5. Dental Materials, and Technics II (616).

†12. At the Third Examination the student shall satisfy the examiners in each of the following subjects:—

- Allowed 12th December, 1929.      § Amended 17th January, 1952.
- † Amended 16th December, 1948, and 17th January, 1952.
- ‡ Allowed 30th November, 1933.

1. Pathology and Bacteriology, including Dental Patho-Histology (622 and 621).
2. Dental Metallurgy (623).
3. Senior Dental Anatomy (624).
4. Prosthetic Dentistry (626).
5. Operative Dentistry I (627).

†13. At the Fourth Examination the student shall satisfy the examiners in each of the following subjects:—

1. General Surgery (631).
2. General Medicine (632).
3. Prosthetic Dentistry (634).
4. Crown and Bridge Work (635).
5. Dental Materia Medica and Therapeutics (637).
6. General Dental Practice.
7. Operative Dentistry II (638).

§14. At the Fifth Examination the student shall satisfy the examiners in each of the following subjects:—

1. Anaesthetics (641).
2. Dental Surgery and Pathology (633).
3. Prosthetic Dentistry (642).
4. Orthodontia (636 and 643).
5. Periodontia (647).
6. General Dental Practice.

(The Examination in Prosthetic Dentistry shall include Oral Prosthesis and Crown and Bridge Work.)

15. The fees for the course shall be:

Fifty pounds a year for the five years of the course in three sums of sixteen pounds thirteen shillings and fourpence per term, payable in advance.

Should a candidate fail to pass in the examination at the end of any year and not be granted a supplementary examination, or be granted a supplementary examination and fail therein, he shall pay twenty-five pounds for his instruction during the ensuing year and his examination.

\*\*The above fees will include all ordinary examination fees and all fees at the General Hospital and the Dental Department.

\*Three guineas for a supplementary examination in any subject.

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;

† Allowed 11th December, 1947, and amended 16th December, 1948, 14th December, 1950, and 17th January, 1952.

\* Allowed 7th December, 1930. § Amended 16th December, 1948.

\*\* Amended 17th January, 1952.

- (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 7th December, 1927.

### SCHEDULES

#### Subjects for each Year of the Dental Course

Note.—The dental clinical year at the Department of Dentistry of the Royal Adelaide Hospital extends, except in the case of the second-year students, from 1st February until the date in the Calendar on which lectures end in October. (See Hospital Rule 8.)

During the first year every student shall attend a course of instruction on each of the following subjects:—(a) Chemistry, (b) Physics, (c) Zoology, (d) Dental Materials and Technics.

During the second year every student shall attend a course of instruction on each of the following subjects:—(a) Anatomy and Histology, (b) Junior Dental Anatomy, (c) Physiology and Biochemistry, (d) Dental Histology, (e) Dental Materials and Technics; and shall attend at the Department of Dentistry of the Royal Adelaide Hospital:—(f) the practical demonstrations on Dental Materials and Technics, (g) the course of demonstrations and practical work on Tooth Morphology.

During the third year every student shall attend a course of instruction on each of the following subjects:—(a) General Pathology and Bacteriology, (b) Dental Pathology, (c) Senior Dental Anatomy, (d) Dental Materia Medica, (e) Prosthetic Dentistry, (f) Operative 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 Operative 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) Dental Surgery and Dental Pathology, including Local Anaesthetic technique, (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) Operative 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) the dental practice and clinical instruction during the whole dental clinical year.

During the fifth year every student shall attend a course of instruction on each of the following subjects:—(a) General Anaesthetics, (b) Prosthetic Dentistry, (c) Orthodontia, (d) Oral Surgery, (e) Dental Jurisprudence, (f) Dental Public Health and Dental Services, (g) Dental Practice and clinical instruction.

For Minimum Requirements, see Syllabus.

#### RULES FOR THE ADMISSION OF DENTAL STUDENTS TO THE PRACTICE OF THE ROYAL ADELAIDE HOSPITAL

1. Each dental student of the University of Adelaide shall be admitted to the practice of the Hospital under the control of the Medical Superintendent.
2. No student may introduce visitors into the Hospital without permission from the Medical Superintendent.
3. Every student shall conduct himself with propriety and discharge the duties assigned to him, and pay for or replace any article injured or lost, or destroyed by him, and make good any loss sustained by his negligence.

4. If any student infringe any rule of the Hospital, or otherwise misconduct himself, he shall be subject to dismissal by the Board.

Clinical Work at the Hospital.

5. Each student of the fourth year shall attend a course of elementary surgical and medical training from his lecturers on Surgery and Medicine.

6. Each student shall attend on the days and at the hours fixed by his Clinical Instructors in Surgery and Medicine, and accompany them in the wards or in the out-patients' department, and perform such duties as they may require of him.

At the end of the clinical year, if he has fulfilled these conditions, a certificate shall be signed by his Clinical Instructor in Medicine or Surgery and by the Medical Superintendent, and be countersigned by the Chairman of the Board. If the conditions have not been fulfilled the Clinical Instructor may refuse to sign the certificate, and shall inform the Dean of the Faculty of Dentistry.

The Department of Dentistry.

7. Each student shall be under the direction and control of the Superintendent of the Department, who shall allot him his work and assess its quality.

8. He shall attend daily at the Department of Dentistry during the whole dental clinical year from 9 a.m. till 1 p.m., and from 2 p.m. till 5, except on Saturday afternoons, Sundays, public holidays, or when attending lectures, demonstrations, examinations, &c., prescribed in the dental course.

A second-year student shall not be expected to attend at the Dental Hospital until the date fixed in the Calendar for the commencement of lectures.

He shall sign daily the roll book of attendance for inspection by the Dental Superintendent, to whom any failure to attend or to keep an appointment must be explained, unless previously sanctioned by him.

9. If the student has fulfilled his required number of attendances and his minimum requirements of dental practice, the Superintendent shall sign his certificates of attendance and practical work, and prior to entry for examination these shall be countersigned by the Chairman of the Board, but if he has not fulfilled these requirements the Superintendent may refuse to sign his certificate, and shall inform the Dean of the Faculty of Dentistry.

Approved by Council, 1927.

## OF THE DEGREE OF MASTER OF DENTAL SURGERY REGULATIONS

1. Only persons who have been admitted to the degree of Bachelor of Dental Surgery in the University of Adelaide may become candidates for the degree of Master of Dental Surgery.

‡2. To qualify for the degree a candidate shall pass an examination as hereinafter prescribed, unless exempted therefrom by virtue of his having submitted a thesis of sufficient merit as provided for under Regulation 8.

‡3. The examination for the degree shall consist of two parts. A candidate may present himself for Part I of the examination in any year after his admission to the degree of Bachelor of Dental Surgery, but may not present himself for Part II until at least two years after such admission. Except by special permission of the Faculty, no candidate will be permitted to proceed with Part II until he has completed all of Part I.

4. Part I of the examination shall at the option of the candidate consist of *either* (a) Anatomy, Physiology, and General Pathology and Bacteriology; *or* (b) Physics, Chemistry and Metallurgy.

\*5. Part II of the examination shall consist of (a) Advanced Dental Surgery and Pathology, and (b) another section of Dentistry selected by the candidate and approved by the Faculty.

6. An examination for the degree shall be held, if required, in November of each year. The examination shall be conducted by means of printed or written papers, *viva voce* questions, practical

† Amended 8th December, 1949.      \* Amended 16th December, 1948.

‡ Amended 11th November, 1954.

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 at the beginning of the academic year in which he intends to present himself for either part of the examination inform the Faculty in writing of the subjects he has selected for examination and the nature of any research he proposes to undertake.

10. Each candidate shall forward to the Registrar before the first day of August in any year notice of his intention to present himself for the next examination, shall state the group of subjects in which he desires to be examined, and shall submit two printed or typewritten copies of any thesis he may desire to present.

11. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

12. The following fees shall be paid in advance:

- (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 - - - - £10 10 0
- (c) On entry for examination in Part I - - - - 10 10 0
- (d) On entry for examination in Part II - - - - 10 10 0
- (e) On admission to the degree - - - - 5 5 0

If a candidate is exempted from part of the examination an appropriate adjustment in fees will be made by the Council.

† Amended 8th December, 1949. Allowed 10th December, 1942.

\* Amended 11th November, 1954.

## 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 following fees shall be paid in advance:

On submission of the thesis for examination	-	£21	0	0
On admission to the degree	-	5	5	0

\* Allowed 14th December, 1950.

Allowed 10th December, 1942.

## DIPLOMA OF ASSOCIATE IN MUSIC REGULATIONS

1. There shall be a diploma of Associate in Music, and examinations for the diploma shall be held during the month of November in each year.

\*2. (a) A candidate for admission to the course for the diploma shall *either* (i) have passed in English Literature and in one other subject (exclusive of Music) at the Leaving Examination and in Practical at the Sixth Grade, Theory at the Fourth Grade, and Musical Perception at the Fourth Grade of the examinations conducted by the

\* Amended 8th December, 1949.

Australian Music Examinations Board; or (ii) have passed in English Literature and in three other subjects (exclusive of Music) at the Leaving Examination and 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) Musical Composition; (vii) 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 Professor 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 Professor in such supplementary examination shall be deemed to have completed the whole annual examination.

(c) A candidate who passes in some portion only of an annual examination may be granted such credit as the Faculty of Music shall in each case determine.

(d) Except by permission of the Faculty of Music, a candidate shall not proceed to the second or third year's work, or to any part thereof, until he has completed the whole of the work of the preceding year.

(e) A candidate who has completed equivalent work at the examinations conducted by the Australian Music Examinations Board or in some other school of music or at some other examination approved by the University of Adelaide may be granted such status in the course for the diploma as the Faculty of Music shall in each case determine; provided that every candidate for the diploma shall, before receiving the diploma, complete three years of study 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) When entering for examination a candidate shall present on the prescribed form certificates showing that he has regularly attended

\* Allowed 14th December, 1950.



the prescribed classes and has done written or other practical work where required to the satisfaction of the professors or 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. The names of candidates who pass with credit at an annual examination shall be arranged in order of merit; the names of other candidates who pass shall be arranged in alphabetical order.

7. Schedules defining the course of study, including lectures, practical work, and examinations, and the fees to be paid by candidates, shall be drawn up by the Faculty of Music and be submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine. The schedules shall be published as soon as practicable after that approval has been given.

8. A candidate who has fulfilled the conditions prescribed for the diploma shall be awarded the diploma, shall be styled an Associate of the University of Adelaide, and shall be entitled to use the letters A.U.A.

Allowed 16th December, 1948.

#### 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
2. Second Practical Study I
3. General Musical Knowledge
4. Sight Reading and Aural Training I
5. Harmony I

#### B. Vocal School

##### (a) Concert Singing

1. Chief Practical Study I
2. Second Practical Study I
3. General Musical Knowledge
4. Sight Reading and Aural Training I
5. Harmony I
6. Modern Languages I
7. Speech Training I

##### OR (b) Operatic Singing

1. Chief Practical Study I
2. Drama I
3. General Musical Knowledge
4. Sight Reading and Aural Training I
5. Harmony I
6. Modern Languages I
7. Speech Training I

#### C. Theoretical School

1. Chief Study, Composition I
2. Second Practical Study I
3. General Musical Knowledge
4. Harmony I
5. Sight Reading and Aural Training I

- D. 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. The Scope of School Music I
  3. General Musical Knowledge
  4. Sight Reading and Aural Training I
  5. Harmony I
  6. Principles of Class Music Teaching I
2. At the Second Examination a candidate shall satisfy the examiners in each subject of one of the following schools:
- A. Instrumental School
1. Chief Practical Study II
  2. Second Practical Study II
  3. History of Music I
  4. Sight Reading and Aural Training II
  5. Harmony II
  6. Counterpoint I
  7. Ensemble Playing I
- B. Vocal School
- |   |  |
|---|--|
| <p>(a) Concert Singing</p> <ol style="list-style-type: none"> <li>1. Chief Practical Study II</li> <li>2. Second Practical Study II</li> <li>3. History of Music I</li> <li>4. Sight Reading and Aural Training II</li> <li>5. Harmony II</li> <li>6. Modern Languages II</li> <li>7. Speech Training II</li> </ol> | <p>OR (b) Operatic Singing</p> <ol style="list-style-type: none"> <li>1. Chief Practical Study II</li> <li>2. Drama II</li> <li>3. History of Music I</li> <li>4. Sight Reading and Aural Training II</li> <li>5. Harmony II</li> <li>6. Modern Languages II</li> <li>7. Speech Training II</li> </ol> |
|---|--|
- C. Theoretical School
1. Chief Study, Composition II
  2. Second Practical Study II
  3. History of Music I
  4. Harmony II
  5. Counterpoint I
  6. Sight Reading and Aural Training II
  7. Form and Analysis I
- D. School Music
1. Chief Practical Study II
  2. The Scope of School Music II
  3. History of Music I
  4. Sight Reading and Aural Training II
  5. Harmony II
  6. Counterpoint I
  7. Principles of Class Music Teaching II
  8. Ensemble Playing I
3. After passing the Second Examination a candidate may 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
  2. Second Practical Study III
  3. History of Music II
  4. Harmony III
  5. Counterpoint II
  6. Ensemble Playing II
  7. Form and Analysis I
  8. Sight Reading and Aural Training III
- and for candidates who elect to be examined as Teachers:
9. Methods of Teaching I

B. Vocal School

- |  |   |
|--|---|
| (a) Concert Singing<br>1. Chief Practical Study III<br>2. Second Practical Study III<br>3. History of Music II<br>4. Modern Languages III<br>5. Harmony III<br>6. Sight Reading and Aural Training III | OR (b) Operatic Singing<br>1. Chief Practical Study III<br>2. Drama III<br>3. History of Music II<br>4. Modern Languages III<br>5. Harmony III<br>6. Sight Reading and Aural Training III |
|--|---|

and for candidates who elect to be examined as Teachers:

8. Methods of Teaching I

C. Theoretical School

1. Chief Study, Composition III
2. Second Practical Study III
3. History of Music II
4. Harmony III
5. Counterpoint II
6. Form and Analysis II
7. Sight Reading and Aural Training III

and for candidates who elect to be examined as Teachers:

8. Methods of Teaching I

D. School Music

1. Chief Practical Study III
2. The Scope of School Music III
3. History of Music II
4. Sight Reading and Aural Training III
5. Harmony III
6. Counterpoint II
7. Principles of Class Music Teaching III
8. Form and Analysis I

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.

**II. Schedule of Fees made by the Council under Regulation 7.**

A. For the Entrance Examination in Music, if required	£1 1 0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium	- - - - 40 0 0
C. For a supplementary examination in any subject of a year's work	- - - - 1 1 0
D. For the diploma	- - - - 2 2 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 £15/15/-.

4. The fee for the Fellowship shall be £5/5/-.

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### OF THE DEGREE OF BACHELOR OF MUSIC REGULATIONS

1. There shall be an Honours degree and an Ordinary degree of Bachelor of Music. A candidate may obtain either degree, or both.

2. A candidate for admission to the course for the degree of Bachelor of Music shall:—

- (a) hold the Leaving Certificate, or have passed in four subjects at the Leaving Examination, including English, a language other than English, and either Ancient History or Modern History;

and (b) either have passed in Theory of Music at the Seventh Grade of the Public Examinations in Music or satisfy the Dean of the Faculty of Music in a special Entrance Examination in the Theory of Music of equivalent standard.

A candidate who produces evidence of having passed elsewhere equivalent examinations approved by the Faculty of Music may be exempted from the requirements of this regulation.

In special circumstances the requirements of this regulation may be varied by the Council in the case of an intending student who has attained the age of twenty-five years.

3. To qualify for the Ordinary degree a candidate shall:—

- (a) complete three academical years of study as prescribed in Schedule I and pass the examination proper to each year;
- (b) pass a Final Examination in original composition;
- (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.

4. To qualify for the Honours degree a candidate shall:—

- (a) satisfy the Faculty of Music at the end of the first year of the course for the Ordinary degree of his fitness to follow the course for the Honours degree;
- (b) pass the succeeding examinations specified for the Ordinary degree at a higher standard than that required for the Ordinary degree;
- (c) at some time during his course regularly attend lectures and pass the examination in one subject of first-year standard prescribed for the degree of Bachelor of Arts;
- (d) at the Final Examination submit such exercise and thesis in addition to those required at the Final Examination for the Ordinary degree 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.

5. To complete an academical year of study a candidate shall, unless exempted by the Council, regularly attend the courses 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, provided that no candidate may proceed to the second or third year's work until the whole of the work for the preceding year or years has been completed.

6. The examination in any subject may be written or oral or both.

7. The names of candidates who pass with credit at an annual examination for the Ordinary degree shall be arranged in order of merit; the names of other candidates who pass shall be arranged in alphabetical order.

8. A candidate who, on account of illness or other sufficient cause allowed by the Faculty, has been prevented from attending the whole or part of any annual examination may be permitted by the Faculty of Music to present himself for a supplementary examination in the following March.

9. A candidate who has presented himself at an annual examination, but has failed to pass, may, if recommended by the Board of Examiners, be permitted by the Faculty to present himself for a supplementary examination. When determining the results of the annual examinations, the Board of Examiners shall recommend to the Faculty in every case whether a candidate who fails should be permitted to present himself for a supplementary examination.

10. A candidate shall not be re-examined at a supplementary examination in any subject in which he has passed at the annual examination in the previous year, and, on passing the supplementary examination in the subject or subjects in which he has failed to present himself or to pass at the annual examination, he shall be deemed to have completed the academic year of his course, but no classification shall be allowed.

11. A candidate who has passed equivalent examinations elsewhere and desires that such examinations be counted *pro tanto* for the degree of Bachelor of Music, may, on application, be granted such exemption from the requirements of these regulations as the Council shall determine.

12. A candidate who has satisfied the requirements of section (a) of Regulation 2 and has passed the theoretical subjects of the Third Examination for the diploma of Associate in Music shall be granted the status of a student qualified to enter upon the second year of the course for the degree of Bachelor of Music; but such a candidate will be required to take concurrently with his second-year work the instruction and examination in any theoretical subjects prescribed for the first year of the course for the degree of Bachelor of Music which are additional to those required in the course for the diploma of Associate in Music.

13. Schedules defining the course of study, including lectures, practical work, and examinations, and the fees to be paid by candidates, shall be drawn up by the Faculty of Music and be submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine. The schedules shall be published as soon as practicable after that approval has been given.

Allowed 8th December, 1949.

**I. Schedule of Examinations made by the Council under Regulation 13.**

1. At the First Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony III;
- (b) Counterpoint II;
- (c) History of Music II;
- (d) Form and Analysis and Literature of Music I;
- (e) Acoustics.

and in addition shall satisfy the examiners in:—

- 1. Pianoforte or Organ playing;
- 2. Practical keyboard facility (Harmonization of (a) melody; and (b) figured Bass);
- 3. Reading from vocal score (Four-part writing for S.A.T.B. using G and F clefs only);
- 4. Ear tests and dictation.

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, requiring about five minutes to perform.

2. At the Second Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony IV;
- (b) Counterpoint III;
- (c) Double Counterpoint, Canon and Fugue I;
- (d) History of Music III;
- (e) Form and Analysis and Literature of Music II;
- (f) Orchestration I;

and in addition shall satisfy the examiners in:—

- 1. Pianoforte or Organ playing;
- 2. Practical keyboard facility (Harmonization of (a) melody, and (b) unfigured Bass);
- 3. Reading from String Quartet Score;
- 4. Aural perception: Dictation of (a) melody in two voices, and (b) short harmonic phrase in three voices.

Further he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September two original compositions, one or which shall be instrumental and the other vocal (not necessarily solo writing), requiring about eight minutes to perform.

3. At the Third Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony V;
- (b) Counterpoint IV;
- (c) Double Counterpoint, Canon and Fugue II;
- (d) History of Music IV;
- (e) Form and Analysis and Literature of Music III;
- (f) Orchestration II;

and in addition shall satisfy the examiners in:—

1. Pianoforte or Organ playing;
2. Practical keyboard facility (Harmonization of (a) melody, and (b) unfigured Bass);
3. Reading from Orchestral Score;
4. Aural Perception: Dictation of (a) melody in two voices, and (b) short harmonic phrase in four voices.

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 work for strings, requiring about ten minutes to perform.

4. At the Final Examination, subsequent to passing the Third Examination, a candidate for the Ordinary degree shall submit a composition, composed by himself, of such length as to occupy in all from twenty to forty minutes in performance, and being either:

- (a) A work for chorus and orchestra (small or large) with or without solo voices, or
- (b) A chamber music work (for any combination of instruments approved by the Faculty of Music) consisting of one or more movements occupying in all not less than twelve minutes, and in addition a short work for unaccompanied voices.

The work 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 specimens 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. A candidate who by December, 1949, had completed the first year of the course for the degree of Bachelor of Music under the regulations in force at the beginning of that year may complete the course for the degree under those regulations provided that he does so not later than December, 1952.

## II. Schedule of Fees made by the Council under Regulation 13.

A. For the entrance examination in the Theory of Music;			
if required	-	-	£1 1 0
B. For each year's work and examination	-	-	£21 0 0
C. On entry for the final examination for either the			
Ordinary degree or the Honours degree	-	-	£5 5 0



- D. For a supplementary examination in any subject of a year's work - - - - - £2 2 0
- E. The fee for any subject of a year's work taken separately shall be - - - - - £4 4 0
- F. A candidate who takes a whole year's work for a second or subsequent time shall pay half the fee for that year's work prescribed under Paragraph B above.

OF THE DEGREE OF DOCTOR OF MUSIC  
REGULATIONS

1. A Bachelor of Music may proceed to the degree of Doctor of Music by complying with the following Regulations, but shall not be admitted to the degree until the expiration of the third academic year from his admission as a Bachelor of Music.

2. Every candidate shall send to the Registrar of the University, on or before the first day of April, an exercise composed for the occasion. The exercise must be legibly written (and the pages numbered), and must be accompanied by a written declaration, signed by the candidate, that the work is his own unaided composition, and must comply with the following conditions:—

- (a) It must be a composition for solo-voices and chorus, and may be on either a sacred or secular subject.
- (b) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
- (c) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony or Sonata.
- (d) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.

3. After the exercise has been approved by the examiners, and before taking his degree, the candidate shall deposit a complete copy of the exercise in the University Library.

4. Candidates whose exercises have been approved shall be required to pass a Final Examination in

- (1) Harmony, up to eight parts;
- (2) Counterpoint, up to eight parts;
- (3) Double Counterpoint, } up to five parts;
- Canon, and Fugue, }
- (4) Instrumentation;
- (5) History of Music;
- (6) Musical Analysis.

5. The above examination shall be held, when required, in the month of November.

• Allowed 10th December, 1919.      † Allowed 10th August, 1916.

6. The names of the successful candidates at each examination shall be arranged in alphabetical order.

‡7. The following fees shall be paid in advance:

On submission of the exercise for examination	-£	10	10	0
On entry for the final examination	-	-	-	10 10 0
On admission to the degree	-	-	-	5 5 0

‡ Allowed 14th December, 1950.

Allowed 12th December, 1907.

## OF THE DIPLOMA IN COMMERCE AND OF THE DIPLOMA IN PUBLIC ADMINISTRATION REGULATIONS

1. There shall be a Diploma in Commerce and a Diploma in Public Administration. A candidate may obtain either diploma or both.

2. A candidate for either diploma who has already presented for any other degree or diploma a subject or subjects prescribed in the course for the diploma may be required to attend lectures and pass examinations in such other subjects as may be prescribed by the Council.

‡3. (a) After January 1, 1950, except in special cases approved by the Board of Studies in Commerce and Public Administration, a candidate for admission to the course for either diploma shall have passed in four subjects, including English, at the Leaving Examination; and if Arithmetic or Mathematics part I is not also included, Mathematics parts I and II must have been passed at the Intermediate Examination.

(b) Before being admitted to the class in Accountancy I, a candidate must have passed in Bookkeeping at the Leaving Examination or at some other examination of equivalent standard or pass a qualifying examination in Bookkeeping which will be held before the beginning of lectures.

\*4. A candidate for the Diploma in Commerce shall attend courses of lectures and pass examinations in the following subjects:

1. Accountancy I (171).
2. Accountancy II (172).
3. Commercial Law I (181).
4. Commercial Law II (182).
5. Economics (166).
6. Statistics I (56),

and in two of the following:—

1. Accountancy III (173 or 174).
2. Commercial Law III (183).
3. Economic History (54).
4. Economics II (152).
5. Economics III (153).
6. Pure Mathematics I (201).
7. Statistics II and Actuarial Mathematics (162).

\* Allowed 16th December, 1948.

‡ Allowed 11th December, 1947.

¶5. A candidate for the Diploma in Public Administration shall attend courses of lectures and pass examinations in the following subjects:

1. Economics (166),
2. Statistics I (161),
3. Political Institutions (167),
4. Public Administration (168),
5. Public Finance (169),
6. Three courses selected from the subjects named in Regulation 2 of the degree of Bachelor of Arts, exclusive of Music and the Science subjects. These courses must include:
  - (i) Two of Economics II (152) and III (153) and Economic History (54); or
  - (ii) Courses I and II in the subject selected (or two courses in related subjects approved for the purpose by the Board of Commercial Studies) and either Economics II (152) or Economic History (54).

6. Except by permission of the Board of Commercial Studies 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. Schedules defining the courses of study to be undertaken, the examinations to be passed, and the fees to be paid, by candidates, shall be drawn up by the Board of Studies in Commerce and Public Administration 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.

8. There shall be an examination at the end of the course of lectures in each subject. 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.

The Council may allow an examination in any subject in a year in which the course of lectures in that subject is not given; but, except upon grounds to be approved by the Council, only candidates who were qualified to sit for a former examination in that subject shall be allowed to present themselves for such examination.

\*9. When entering for examination a candidate shall present on the prescribed form certificates showing that 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 or lecturers concerned.

10. A candidate may be excused attendance at lectures on any subject in which he desires to be examined, but only upon grounds approved by the Council.

11. A candidate who has failed to pass in any subject or who has not presented himself for examination, shall again attend lectures and

\* Allowed 11th December, 1947.

¶ Amended 11th December, 1941.

do practical work in that subject to the satisfaction of the lecturer, unless exempted by the Council.

12. A candidate who has passed equivalent examinations and desires to count them towards either of these diplomas may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

\*13. Subject to written appeal to the Board of Studies in Commerce and Public Administration:

(a) A part-time candidate for either diploma shall not enrol for more than two subjects in any one year save with the written consent of the Chairman of the Board of Studies;

(b) A candidate who has failed to pass in any subject on two occasions may not enrol for that subject a third or subsequent time except with the written consent of the Chairman of the Board of Studies who, in granting such consent, may impose such conditions as he may deem appropriate.

14. A candidate who has passed the examinations prescribed for a diploma, shall be awarded that diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

15. Whenever the number of students desiring to attend lectures in any subject is fewer than a minimum fixed by the Council, the lectures upon that subject may be suspended.

†16. These regulations shall be repealed as from December 31, 1956. As from January 1, 1953, only candidates who had entered upon the course for either diploma before June 30, 1952, shall be permitted to proceed with studies leading to either diploma; and such candidates will be permitted to qualify for the diploma only if they do so by December 31, 1956. The Council shall not be obliged to provide in the years 1953, 1954, 1955 and 1956 any or all of the courses provided for in Regulations 4 and 5 but in the event of any course specified in those regulations not being provided, the Faculty of Economics shall prescribe an alternative course to be taken by candidates who desire to take the course not so provided.

\* Allowed 14th December, 1950. † Allowed 22nd January, 1953.  
Allowed 7th December, 1939.

#### Schedule of Fees made by the Council under Regulation 7.

(a) For lectures and examinations:

Accountancy I	-	-	-	-	-	-	£5	5	0
Accountancy II	-	-	-	-	-	-	5	5	0
Accountancy III	-	-	-	-	-	-	5	5	0
Economics I	-	-	-	-	-	-	5	5	0
Commercial Law I	-	-	-	-	-	-	5	5	0
Commercial Law II	-	-	-	-	-	-	5	5	0
Commercial Law III	-	-	-	-	-	-	5	5	0
Statistics I	-	-	-	-	-	-	5	5	0
Commercial Practice (old regulations)	-	-	-	-	-	-	3	3	0
Political Institutions	-	-	-	-	-	-	3	3	0
Public Administration	-	-	-	-	-	-	4	14	6
Public Finance	-	-	-	-	-	-	3	3	0

For courses from the Faculty of Arts, fees as prescribed in the regulations for the degree of Bachelor of Arts.

(b) For either diploma - - - - - 2 2 0

One-half of the fee prescribed for any course in Section (a) shall be paid by a student who is exempted from lectures, and by one who attends lectures or examination, or both, a second time.

NOTE: Although students who entered upon the course for either diploma will have until the end of 1956 in which to qualify for the diplomas, it is not proposed to continue without amendment during the intervening years the 1951 courses in the various subjects for the diplomas. Substitute subjects will, however, be approved as follows:

<i>Old Course</i>	<i>New Course</i>
Commercial Law I	Law I*
Commercial Law II	Law II*
Commercial Law III	Law III*
Statistics I	Economic Statistics I
Statistics II and Actuarial Mathematics	Economic Statistics II

\*Provided that a student who has already passed in Commercial Law I or Commercial Law II and wishes to proceed to a further course or further courses in that subject shall take such course or courses in Law as the Dean of the Faculty shall direct.

The course in Public Administration will in future be the course in Politics IIIA (63); the course in Political Institutions will comprise the first two terms' work in Politics II (62). Students may not count both Political Institutions and Politics II as subjects towards the Diploma in Public Administration. The course in Public Finance will be provided in 1955.

#### 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 made by the Council

1. The subjects which a candidate for the Diploma shall complete are:

Law I *or* Politics I;  
 Social Economics *or* Economics I;  
 Politics II;  
 Politics IIIA;  
 Public Finance;

and one of the following pairs of subjects:

Accountancy I and II;  
 Pure Mathematics I and Economic Statistics I;  
 Economic Geography and History IIB;  
 History I (A or B) and History II (A or B);  
 History IIB and History III *or* Politics IIIB;  
 For students who present Economics I,  
     Economics II and III;  
 For students who present Law I,  
     Politics I and History II (A or B);  
 For students who present Politics I,  
     History IIA and History III *or* Politics IIIB.

2. The fees payable for the foregoing subjects shall be—

- (a) for those subjects in the Faculties of Arts and Economics: the fees payable for them by students in those Faculties;
- (b) for Public Finance: £3/3/-.

3. The fee for the Diploma shall be £2/2/-.

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.

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 Pharmaceutical Studies.

\*\* 2. To obtain the Diploma in Pharmacy candidates shall

(a) Attend courses of instruction and pass examinations in the following subjects: Inorganic Chemistry (751, 752, and 753); Pharmacy I (754 and 755); Organic Chemistry (761 and 762); Biology (763); Botany and Pharmacognosy (771); Pharmacy II (772, 773 and 774); Pharmacy III (781, 782 and 783); and Pharmacy IV (791, 792, 793, 794 and 795).

(b) Produce evidence of having fulfilled the conditions of practical experience required by the Board of Pharmaceutical Studies.

‡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 Pharmaceutical Studies 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 Pharmaceutical Studies 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 Pharmaceutical Studies.

‡When entering for examination a candidate shall present on the prescribed form certificates showing that 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 or 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 Pharmaceutical Studies. 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.

† Allowed 23rd January, 1947.

\* Allowed 10th December, 1936.

‡ Allowed 11th December, 1947.

\*\* Allowed 11th November, 1954.

Fee for the Diploma, £2/2/-.

7. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

Allowed 7th December, 1932.

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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.

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.

\* Amended 11th November, 1954.



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.

1. The fee for the medical and physical examinations shall be £2/2/-.

2. The fee for the subjects included under Regulation 3 (b) shall be £42, payable in two annual instalments.

3. 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.

4. The fee for subjects taken separately shall be:—

##### First-Year Course

Human Biology	-	-	-	-	-	-	£5	5	0
Hygiene	-	-	-	-	-	-	3	3	0
Body Mechanics	-	-	-	-	-	-	3	3	0
First Aid	-	-	-	-	-	-	1	1	0
Practice of Physical Education	-	-	-	-	-	-	3	3	0
History of Education	-	-	-	-	-	-	2	2	0
Practical Work, Part I	-	-	-	-	-	-	10	10	0

##### Second-Year Course

Human Physiology	-	-	-	-	-	-	5	5	0
Human Nutrition	-	-	-	-	-	-	2	2	0
Clinical Observation and Remedial Work	-	-	-	-	-	-	2	2	0
Principles of Physical Education	-	-	-	-	-	-	2	2	0
Physical Psychology	-	-	-	-	-	-	2	2	0
Practical Work, Part II	-	-	-	-	-	-	10	10	0

5. The fee for each section of either part of the Practical Work shall be £2/2/-.

6. The fee for the course in Practical Teaching shall be £3/3/-.

7. The fee for the Diploma shall be £2/2/-.

8. One-half of the fee prescribed for any course shall be paid by a student who is exempted from attendance at lectures or practical work, and by one who attends classes or takes examinations, or does both, a second time.

## 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 SCIENCE

## REGULATIONS

1. There shall be a Diploma in Social Science.

2. A candidate for admission to the course for the Diploma shall:

\* (a) be not less than twenty years of age;

(b) i, be a graduate, or

ii, be matriculated or hold the Leaving Certificate, or

iii, being over the age of twenty-five years have satisfied the Council of his being competent to proceed to the Diploma;

(c) present a medical certificate of health;

(d) have been approved by the Council as a suitable person to undertake social work:

‡ Provided that a candidate who has successfully completed two years of full-time University study, has satisfied the requirements of sections (b), (c) and (d), and has reached the age of nineteen years may be admitted to the course.

‡3. To qualify for the Diploma a candidate shall:

(a) regularly attend lectures and pass examinations in the subjects prescribed in Schedule I made by the Council;

(b) attend a course of lectures on Social Organisation and a seminar on case work;

(c) satisfactorily complete a course of practical work under supervision prescribed by the Council.

The course of study and practical work shall extend over two years.

\* Amended 9th December, 1943, and 8th December, 1949.

‡ Allowed 8th December, 1949, and amended 17th January, 1952.

‡ Awaiting allowance at time of printing.

4. 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 Social Science may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

5. A candidate who entered upon the course for the Diploma awarded by the South Australian Board of Social Study and Training may be granted such status as the Council shall determine in the course for the Diploma provided for in these regulations.

6. 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.

†7. 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 11th December, 1947.

Allowed 22nd April, 1942.

#### Schedules of Subjects and Fees made by the Council.

#### I. The subjects prescribed under section (a) of Regulation 3 are:

Economics I *or* Social Economics;  
 Psychology I;  
 Social Biology (A or B);  
 History IIB, *or* Politics II, *or* Social History;  
 Principles and Practice of Social Work I and II;  
 Social Psychology *or* Psychology III;  
 Sociology (including Study of Society and Social Philosophy);  
 Human Nutrition.

#### II. The fees payable are:

For Social History	-	-	-	-	-	-	£3	3	0
For Social Organisation	-	-	-	-	-	-	3	3	0
For Human Nutrition	-	-	-	-	-	-	2	2	0
For the Principles and Practice of Social Work I and II. Each part	-	-	-	-	-	-	6	6	0
For Social Biology A	-	-	-	-	-	-	7	7	0
For each other subject	-	-	-	-	-	-	5	5	0
For the Diploma	-	-	-	-	-	-	2	2	0

### OF THE DIPLOMA IN PHYSIOTHERAPY

#### REGULATIONS

- There shall be a Diploma in Physiotherapy.
- A candidate for admission to the course for the Diploma shall
  - be not less than eighteen years of age;
  - have passed in at least four subjects at the Leaving Examination, including English and at least two of Physics, Mathe-

† Allowed 17th January, 1952.

matics I, Chemistry and Physiology; if Physics and Physiology be not included, these subjects or General Science (two subjects must have been passed at the Intermediate Examination);

(c) present a medical certificate approved by the Council.

3. To obtain the Diploma a candidate shall attend regularly courses of lectures and practical work and pass the examinations proper to each year before commencing the course of study and practice for the following year.

4. The course shall extend over three years and schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Board of Studies in Physiotherapy and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

5. A candidate who entered upon the course for the Diploma awarded by the Australian Physiotherapy Association may be granted such status as the Council shall determine in the course for the Diploma provided for in these regulations.

6. At the First Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Anatomy I (including Histology) (861).
- (2) Physiology (862).
- (3) Physics (including the Physics of Medical Electricity) (863).
- (4) Theory of Massage and Manipulation (864).
- \* (5) Social Psychology (866).

\*7. At the Second Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Anatomy II (including Histology) (871).
- ‡ (2) Theory of Treatments and Practice of Massage (872).
- (3) Theory of Movement (873).
- (4) Theory of Medical Electricity (875).
- (5) Pathology (874).

8. At the Third Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Practice of Massage (876).
- (2) Practice of Remedial Exercises (876).
- (3) Practice of Medical Electricity (875).
- (4) Theory and Practice of Muscle Re-education (881).
- ‡ (5) Theory and Practice of Specialised Treatments (882).

9. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work

\* Allowed 10th January, 1946.

‡ Allowed 8th December, 1949.

which he has done elsewhere, be counted *pro tanto* for the Diploma in Physiotherapy may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. A candidate who fails to present himself for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

11. A candidate who fulfils the conditions shall be awarded the Diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

Allowed 9th August, 1945.

#### Schedule of Fees made under Regulation 4.

A. The fee for each year's work, including one annual examination, shall be £35.

B. A candidate who repeats the work, or takes again the annual examination, of any year, or does both, shall pay half the fee prescribed.

C. The fee for a supplementary examination in any subject shall be £3/3/-.

D. The fee for the diploma shall be £2/2/-.

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.

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## 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, and two members of the Faculty of Arts, 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 candi-

\* Amended 11th November, 1954.

dates for the degree may be drawn up from time to time by the Board and submitted to the Council. Such schedules shall become effective as from the date of approval by the Council or on such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

## II. ENROLMENTS

7. A candidate wishing to be enrolled for the degree shall make application to the Registrar in such form as the Board shall prescribe. The candidate shall submit with his application an outline of the course he proposes to pursue, details of his qualifications for undertaking such a course, and in the case of a graduate of a University other than the University of Adelaide, his diploma or some other acceptable certificate of graduation.

8. A candidate shall not be enrolled unless it appears:—

- (a) that the course of research can be conveniently pursued within the University; and
- (b) that he is well qualified for research and well equipped to undertake the particular course which he has proposed.

The Head of the Department concerned and the appropriate Faculty shall advise the Board on these matters and make recommendations.

9. A candidate shall normally be enrolled at the beginning of an academic year, provided that the Board may enrol candidates at the beginning of a calendar year or at the beginning of any academic term.

10. Each candidate shall pursue his approved course to the satisfaction of the Board in a department of the University under the supervision of a supervisor, or supervisors, appointed by the appropriate Faculty, and under any special conditions that may be specified in his case. At the end of each year each supervisor shall submit to the appropriate Faculty a formal written report on the work of each candidate in his charge. He shall also report to the Faculty when in his opinion a candidate is not making satisfactory progress in his work, is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree.

11. The Faculty shall have the power to require a candidate who is not a graduate of the University to take an examination, either a special examination or an Honours examination at a specified date, provided that the candidate is notified of this requirement not later than six months after his enrolment. The Board shall determine what proportion of the terms prior to such examination shall count for the purposes of Regulation 13.

## III. REQUIREMENTS FOR THE DEGREE

12. Each candidate for the degree shall devote his whole time to the pursuit of his approved course; provided that full-time members of the academic staff of the University may be permitted to proceed to the degree under such conditions as the Board may prescribe.

\*13. Each candidate for the degree shall pursue his approved course within the University for a period of not less than six and not more than twelve terms from the date of his enrolment provided that:

- (a) the Board may permit a candidate to pursue at another University or Institution such part of his approved course as it thinks fit (provided that the candidate works for at least six terms within the University); and
- (b) during any term a candidate may be permitted by his supervisor, who shall report to the Board, to spend not more than three weeks away from the University on field work; any period in excess of three weeks to be approved in advance by the Board.

\*14. Each candidate for the degree shall at the end of his approved course, or by the end of the twelfth term from his enrolment, present in such form as the Board prescribes not fewer than three copies of a thesis embodying the results of the work done during that course and containing a significant contribution to knowledge or scholarship within the scope of his subject, the title of the thesis having first been approved by the Faculty concerned; provided that, in exceptional circumstances and by special permission of the Board on the recommendation of the Faculty, an extension of time after the twelfth term may be allowed. The thesis shall be referred to two examiners appointed on the recommendation of the Faculty concerned, one of whom shall be an external examiner. If the examiners do not agree in their recommendations the thesis may be referred to a third examiner. The candidate shall be examined orally or otherwise, at the discretion of the examiners, on the subject of his thesis and the general field of knowledge within which it falls, and the examiners shall report thereon to the Faculty. This examination may in special cases and on the recommendations of the examiners and of the Faculty concerned, be dispensed with by the Board.

15. The Faculty shall consider the reports of the examiners and shall make recommendations to the Board. The Board, after consideration of these reports, may recommend that the candidate:—

- (a) be awarded the degree;
- (b) be not awarded the degree, but be allowed to re-submit his thesis (within such period as the Board may allow);
- (c) be not awarded the degree and be not allowed to re-submit his thesis; or
- (d) with the concurrence of the appropriate Faculty be awarded the appropriate Master's degree.

16. A copy of every thesis and other material approved for a degree under these regulations shall be deposited in the Library.

\* Awaiting allowance at time of printing.

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.

## 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 of full-time work for the degree | - | £4 | 0  | 0     |
| (b) On submission of the thesis for examination    | - | 10 | 10 | 0     |
| (c) For admission to the degree                    | - | -  | -  | 7 7 0 |

III. Material presented for any other degree within the University shall not be presented for examination for the degree of Doctor of Philosophy.

## FACULTIES OF SCIENCE AND AGRICULTURAL SCIENCE

### Notes to Candidates for Higher Degrees

Candidates for higher degrees pursue a course of research under the direction of a supervisor. The latter will report formally to the Board of Research Studies each year on the work of the research student. The supervisor will also report when in his opinion the research student is not making satisfactory progress in his work, is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree at which he aims.

The supervisor will maintain fairly close contact with the research student. *The research student should regard it as his duty to keep his supervisor fully informed of the progress of his research, and to consult him about proposed future work and about the general planning of his thesis.* If not consulted fairly frequently, the supervisor will satisfy himself that the research student is working satisfactorily.

The function of the supervisor will be not to plan at all directly the work that the research student should do, but rather to provide a trained mind upon which the student may test his ideas and so be led to develop his own critical faculties. The thesis itself should represent largely the student's unaided work, assisted only by the general aid obtained by discussion with his supervisor as to the most satisfactory method of presenting his material. In the case of a student for whom English is not his mother tongue, some editing of syntax may be done if the need exists and if such help seems to be reasonable.

The examination of the thesis submitted by a candidate for a higher degree will be conducted by examiners appointed for the purpose by the Faculty. Such examiners may also examine the candidate orally or in writing at their discretion on the subject of his thesis and the field within which it lies, i.e., they will conduct any examination of the candidate prescribed by the Board under Regulation 6 of the degree of Master of Science, under Regulation 14 of the degree of Doctor of Philosophy, or under Regulation 7 of the degree of Master of Agricultural Science.



## 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 of £6/10/-, which is payable by all undergraduates and candidates for diplomas, hospital fees payable by medical students, laboratory deposits, charges for the hire of microscopes and other incidental fees.

The following fees are payable in advance in such instalments as the Council shall from time to time determine:

## I. DEGREE OF BACHELOR OF ARTS.

## A. Ordinary degree:—

- |   |        |
|---|--------|
| 1. For lectures and examination in each course except in Science subjects .....   | £5 5 0 |
| 2. For attendance a second or subsequent time at lectures and examination in any course .....   | 2 12 6 |
| 3. For a special examination or for an annual examination in any course with exemption from attendance or re-attendance at lectures .....                     | 2 12 6 |
| 4. For lectures, laboratory work, and examinations in each course in a Science subject the same fees as are prescribed for the degree of Bachelor of Science. |        |

## B. Honours degree:—

- |   |         |
|---|---------|
| 1. For such subjects of the course for the Ordinary degree as they are required to pass, candidates pay the fees prescribed in Sub-section A. |         |
| 2. For the following special courses:   |         |
| Old and Middle English I and II. Each course .....  | 5 5 0   |
| Old and Middle French I and II. Each course .....   | 5 5 0   |
| First-year and second-year Honours courses in Mathematics. Each course .....  | 5 5 0   |
| 3. For lectures in the following schools:   |         |
| Classics .....  | 15 15 0 |
| History .....   | 15 15 0 |
| Philosophy .....  | 15 15 0 |
| Mathematics .....   | 26 5 0  |
| English Language and Literature:  |         |
| Under Scheme A .....  | 21 0 0  |
| Under Scheme B .....  | 15 15 0 |
| French Language and Literature .....  | 15 15 0 |
| Economics .....   | 15 15 0 |

Geography .....	15	15	0
German Language and Literature .....	15	15	0
Politics .....	15	15	0

4. For the final examination in each school ..... 7 7 0

Note.—These fees cover all work, except courses for the Ordinary degree and special courses expressly provided for in B. (2) above, which the head of the school deems necessary for the Honours course selected.

The total fee in each school, except Mathematics, is sixty-two guineas.

C. For admission to the Ordinary or the Honours Degree ..... 5 5 0

The fees which a candidate pays for a course of lectures or an examination which he afterwards finds himself unable to attend, are not returned, unless the Council otherwise determines.

## II. DIPLOMA IN EDUCATION

1. For lectures and examination in Hygiene .....	£3	3	0
2. For lectures and examination in Educational Psychology, Parts I and II ..... Each part	2	2	0
3. For lectures and examination in the Principles of Education (Pre-Primary, or Primary, or Secondary), Parts I, II, and III ..... Each part	2	2	0
4. For the course in Practical Teaching .....	3	3	0
5. For the Diploma .....	2	2	0

One-half of the fee prescribed for any course is paid by a student who is exempted from lectures, and by one who takes lectures or examination, or both, a second time.

## III. DEGREE OF MASTER OF ARTS.

1. Under Regulation 2 (b and c)— For instruction in courses other than those provided for the Ordinary Degree of B.A. ....	£10	10	0
For guidance without instruction .....	5	5	0
2. Under Regulation 3— On approval of the subject of the thesis or on beginning the course of study .....	10	10	0
3. On admission to the degree .....	5	5	0

## IV. DEGREE OF DOCTOR OF LETTERS.

On submission of the work for examination .....	£21	0	0
On admission to the degree .....	5	5	0

## V. DEGREE OF BACHELOR OF ECONOMICS.

A. For lectures and examinations in any subject for the Ordinary degree .....	5	5	0
B. For the tuition in the Honours work .....	21	0	0
C. For examination in the Honours work .....	7	7	0
D. For admission to the Ordinary or the Honours degree .....	5	5	0

One-half of the fee prescribed for any course in Section A is paid by students who are exempted from attendance at lectures, and by those who attend lectures or take examination, or do both, a second time.

## VI. DEGREE OF MASTER OF ECONOMICS.

## 1. Under Regulation 2 (b and c)–

For instruction in courses other than those provided for the Ordinary degrees of Bachelor of Arts and Bachelor of Economics .....	£10	10	0
For guidance without instruction .....	5	5	0

2. On approval of the subject of the thesis .....

10 10 0

3. On admission to the degree .....

5 5 0

## VII. DEGREE OF BACHELOR OF SCIENCE.

## A. For the Ordinary Degree:

	Lectures	Practical Work
1. Pure Mathematics I, II, and III each	£5 5 0	
Applied Mathematics I, II and III each	5 5 0	
First-year and second-year Honours courses .....	each 5 5 0	
Statistical Methods .....	5 5 0	
Mathematical Statistics .....	5 5 0	
2. Physics I .....	5 5 0	£4 4 0
Physics II .....	6 6 0	12 12 0
Physics III .....	8 8 0	12 12 0
3. Chemistry I .....	5 5 0	7 7 0
Organic Chemistry II .....	4 4 0	12 12 0
Organic Chemistry III .....	5 5 0	15 15 0
Inorganic and Physical Chemistry II .....	4 4 0	12 12 0
Inorganic and Physical Chemistry III .....	5 5 0	15 15 0
4. Biochemistry I .....	4 4 0	8 8 0
Biochemistry II .....	5 5 0	15 15 0
Physiology .....	5 5 0	15 15 0
5. Geology I .....	3 3 0	3 3 0
Geology II .....	4 4 0	8 8 0
Geology III .....	8 8 0	12 12 0
Palæontology .....	5 5 0	8 8 0
6. Botany I .....	3 3 0	5 5 0
Botany II .....	4 4 0	12 12 0
Botany III .....	5 5 0	12 12 0
7. Zoology I .....	3 3 0	5 5 0
Zoology II .....	4 4 0	12 12 0
Zoology III .....	5 5 0	12 12 0
8. Bacteriology I .....	3 3 0	5 5 0
Bacteriology II .....	5 5 0	15 15 0
9. Biology .....	3 3 0	5 5 0
10. Histology (inclusive fee) ... ..	5 5 0	

11. Forestry Course:								
Botany IIA	.....	.....	.....	.....	5	5	0	14 14 0
Economics	.....	.....	.....	.....	5	5	0	
Agricultural Chemistry	.....	.....	.....	.....	3	3	0	6 6 0
12. Mining Engineering I	.....	.....	.....	.....	4	4	0	
Surveying I	.....	.....	.....	.....	1	11	6	3 3 0
13. Genetics	.....	.....	.....	.....	2	2	0	6 6 0
Advanced Genetics	.....	.....	.....	.....	5	5	0	12 12 0
14. Agricultural Chemistry, the Stratigraphical and Palaeontological Section of Geology II, and the Climatological Section of Geography III (inclusive fee)	.....	.....	.....	.....	21	0	0	
15. Scientific German (for candidates other than Honours students)	.....	.....	.....	.....	1	1	0	
B. For the Honours degree:								
1. Mathematics (as for the Honours degree of B.A.).								
2. Physics	.....	.....	.....	.....	£25	0	0	
3. Chemistry	.....	.....	.....	.....	per annum	25	0	0
4. Geology (or Economic Geology)	.....	.....	.....	.....		25	0	0
5. Botany	.....	.....	.....	.....		25	0	0
6. Zoology	.....	.....	.....	.....		25	0	0
7. Biochemistry	.....	.....	.....	.....		25	0	0
8. Physiology	.....	.....	.....	.....		25	0	0
9. Anatomy	.....	.....	.....	.....		25	0	0
10. Genetics	.....	.....	.....	.....		25	0	0
11. Mathematical Physics	.....	.....	.....	.....		25	0	0
12. Bacteriology	.....	.....	.....	.....		25	0	0

Note.—The foregoing amounts, which do not include the fees for pass work, are inclusive of all fees payable for courses taken at the University which the Faculty deems necessary for the Honours course in the school selected.

C. For admission to the Ordinary or the Honours degree £5 5 0

A candidate who has been granted a supplementary examination or who has been exempted from attendance or re-attendance at lectures or practical work pays the following fees for examination:

(a) For the theoretical examination—

    In any subject except Physics III and Geology III: half the lecture fee.

    In Physics III or Geology III - - - £3 3 0

(b) For the practical examination—

    In any subject in Group A or in Bacteriology I - - - - - 1 11 6

    In any other subject - - - - - 2 12 6

(c) For the whole examination in any subject for the Honours degree - - - - - 7 7 0

Provided that the total fee for examination in any subject under (a) and (b) shall not exceed £5 5/-.

A student taking a course of lectures and examination a second time pays half fees, but full fees are required for a repeated course of laboratory work.

The fees for the course at the Australian Forestry School are not included in this schedule.

#### VIII. DEGREE OF MASTER OF SCIENCE.

On submission of the thesis for examination	£5	5	0
On entry for any examination required	5	5	0
On admission to the degree	5	5	0
For work in the laboratory (if required), a term	4	0	0

#### IX. DEGREE OF DOCTOR OF SCIENCE.

On submission of the work for examination	£21	0	0
On admission to the degree	5	5	0

#### X. DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE.

##### A. For the Ordinary degree:

The fee for each year's work, including one annual examination, is as follows:

First Year	£44	0	0
Second Year	44	0	0
Third Year	44	0	0
Fourth Year	75	0	0

The fee for the special course in Animal Husbandry under Clause 3 of the Schedules is £12/12/-.

The fee for the fourth year, which is taken at Roseworthy Agricultural College, is payable direct to the College by the student and includes board at the College as well as tuition, but not the cost of educational tours. In addition, each University student contributes £1/13/- to the College Sports Union and Magazine Fund and pays 12/- medical fee.

The fee for a supplementary or special examination in any subject is £3/3/-.

A student taking a year's work and examination a second time pays half fees for work taken at the University, but full fees are required for work taken a second time at Roseworthy Agricultural College.

##### B. For the Honours degree:

The inclusive fee for courses which the head of the department deems necessary for the Honours course in the subject selected is £25 a year.

C. The fee for admission to the Ordinary or the Honours degree is £5/5/-.

#### XI. DEGREE OF MASTER OF AGRICULTURAL SCIENCE.

On submission of the thesis for examination	£5	5	0
On entry for any examination required	5	5	0
On admission to the degree	5	5	0

## XII. DEGREE OF BACHELOR OF ENGINEERING.

## A. For the Ordinary degree:

The fees to be paid by candidates are those specified in the schedules of subjects for the various courses in Engineering on pages 440 to 446 and in the rules made by the Council and published on page 439.

## B. For the Honours degree—

(i) Under Regulation 14: For the year's work and examination, £25, which however may be reduced to £10/10/- if the candidate has already completed Pure Mathematics III, Applied Mathematics 11, and Physics III.

(ii) Under Regulation 15:

Honours Lectures	.....	.....	.....	.....	£5	5	0
Laboratory Project	.....	.....	.....	.....	10	10	0

C. The fee for admission to the Ordinary or the Honours degree is £5/5/-.

## XIII. DEGREE OF MASTER OF ENGINEERING.

On submission or re-submission of the thesis	.....	.....	.....	.....	£5	5	0
On entry for examination, if required	.....	.....	.....	.....	5	5	0
On admission to the degree	.....	.....	.....	.....	5	5	0

## XIV. DEGREE OF BACHELOR OF LAWS AND FINAL CERTIFICATE IN LAW.

1. Entrance fee (including the Matriculation fee)	.....	.....	.....	.....	£2	2	0
2. Annual fee for each subject in which a student attends lectures, including one annual examination in that subject	.....	.....	.....	.....	7	7	0
3. For the course of lectures in Legal Ethics	.....	.....	.....	.....	2	2	0
4. For attendance at lectures and examination in the subjects numbered (iv) and (v) in Regulation 3	.....	.....	.....	.....	the fees prescribed in the Regulations of the degree of Bachelor of Arts.		
5. For all additional examinations required for the Honours degree of Bachelor of Laws	.....	.....	.....	.....	3	3	0
6. For the Final Certificate	.....	.....	.....	.....	5	5	0

One-half of the fee prescribed for any course shall be paid by a student who is exempted from lectures, and by one who takes lectures or examinations, or both, a second or subsequent time.

## XV. DEGREE OF MASTER OF LAWS.

On submission of the thesis for examination	.....	.....	.....	.....	£5	5	0
On entry for any examination required	.....	.....	.....	.....	5	5	0
On admission to the degree	.....	.....	.....	.....	5	5	0

## XVI. DEGREE OF DOCTOR OF LAWS.

On submission of the thesis for examination	.....	.....	.....	.....	£21	0	0
On admission to the degree	.....	.....	.....	.....	5	5	0

## XVII. DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.

The fee for the course of six years, including the fees for ordinary examinations, is two hundred and forty pounds. The fees for separate subjects are as prescribed by the Council from time to time.

The fee payable by a candidate for a supplementary examination is:

In any single subject	.....	.....	.....	.....	£3	3	0
In any group of subjects	.....	.....	.....	.....	5	5	0

Half the annual fee is paid by a student taking the year's course of instruction, or an annual examination, or both, a second time.

The fee for admission to the degrees of M.B. and B.S. is £5/5/-.

Note.—The annual fee of £40 does not include Hospital fees.

## XVIII. DEGREE OF BACHELOR OF MEDICAL SCIENCE.

A. The annual fee for the special year's work in any subject for the Ordinary degree or for the Honours degree, inclusive of fees for lectures, practical work and examination, is £30.

B. The fee for admission to the Ordinary degree or the Honours degree is £5/5/-.

## XIX. DEGREE OF DOCTOR OF MEDICINE.

On submission of the thesis for examination	.....	.....	.....	.....	£21	0	0
On admission to the degree	.....	.....	.....	.....	5	5	0

## XX. DEGREE OF MASTER OF SURGERY.

On entry for examination in Part I	.....	.....	.....	.....	£10	10	0
On entry for examination in Part II	.....	.....	.....	.....	15	15	0
On admission to the degree	.....	.....	.....	.....	10	10	0

## XXI. DEGREE OF BACHELOR OF DENTAL SURGERY.

The fee for the course is fifty pounds a year. A candidate who fails to pass in the examination at the end of any year and is not granted a supplementary examination, or is granted a supplementary examination and fails therein, pays twenty-five pounds for his instruction and examination in the ensuing year.

The annual fee includes all ordinary examination fees, and all fees payable to the General Hospital and the Dental Department.

The fee for a supplementary examination in any subject is three guineas.

The fee for admission to the degree of Bachelor of Dental Surgery is five guineas.

## XXII. DEGREE OF MASTER OF DENTAL SURGERY.

- (a) For instruction or laboratory work in any subject or group of subjects: such fees as may be prescribed from time to time by the Council.
- (b) On presentation of the thesis ..... £10 10 0
- (c) On entry for examination in Part I ..... 10 10 0
- (d) On entry for examination in Part II ..... 10 10 0
- (e) On admission to the degree ..... 5 5 0

If a candidate is exempted from part of the examination an appropriate adjustment in fees is made by the Council.

XXIII. DEGREE OF DOCTOR OF DENTAL SCIENCE.

On submission of the thesis for examination	£21	0	0
On admission to the degree	5	5	0

XXIV. DIPLOMA OF ASSOCIATE IN MUSIC.

A. For the Entrance Examination in Music, if required	£1	1	0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium	40	0	0
C. For a supplementary examination in any subject of a year's work	1	1	0
D. For the diploma	2	2	0

XXV. FELLOWSHIP OF THE ELDER CONSERVATORIUM OF MUSIC

- A. The fee for examination is £15/15/-.  
 B. The fee for the Fellowship is £5/5/-.

XXVI. DEGREE OF BACHELOR OF MUSIC.

A. For the entrance examination in the Theory of Music; if required	£1	1	0
B. For each year's work and examination	21	0	0
C. On entry for the final examination for either the Ordinary degree or the Honours degree	5	5	0
D. For a supplementary examination in any subject of a year's work	2	2	0
E. For admission to the degree	5	5	0
F. For any subject of a year's work taken separately	4	4	0

A candidate who takes a whole year's work for a second or subsequent time pays half the fee for that year's work prescribed under Paragraph B above.

XXVII. DEGREE OF DOCTOR OF MUSIC.

On submission of the exercise for examination	£10	10	0
On entering for the final examination	10	10	0
On admission to the degree	5	5	0

XXVIII. DIPLOMAS IN COMMERCE AND PUBLIC ADMINISTRATION.

A. For lectures and examinations:			
Accountancy I	£5	5	0
Accountancy II	5	5	0
Accountancy III	5	5	0
Economics I or Social Economics	5	5	0
Commercial Law I	5	5	0
Commercial Law II	5	5	0
Commercial Law III	5	5	0
Statistics I	5	5	0



Political Institutions .....	3	3	0
Public Administration .....	4	14	6
Public Finance .....	3	3	0

For courses from the Faculty of Arts, fees as prescribed in the schedule for the degree of Bachelor of Arts.

B. For either diploma .....	2	2	0
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One-half of the fee prescribed for any course in Section A is paid by a student who is exempted from lectures, and by one who attends lectures or examination, or both, a second time.

#### XXIX. DIPLOMA IN PHARMACY.

The fee for each year's course is paid to the Pharmaceutical Society of South Australia.

The fee for the diploma is £2/2/-.

#### XXX. DIPLOMA IN PHYSICAL EDUCATION.

1. The fee for the medical and physical examinations is £2/2/-.
2. The fee for the subjects included under Regulation 3 (b) is £42, payable in two annual instalments.

3. 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.

4. The fee for subjects taken separately is:

##### First-Year Course

Human Biology .....	£5	5	0
Hygiene .....	3	3	0
Body Mechanics .....	3	3	0
First Aid .....	1	1	0
Practice of Physical Education .....	3	3	0
History of Education .....	3	3	0
Practical Work, Part I .....	10	10	0

##### Second-Year Course

Human Physiology .....	5	5	0
Human Nutrition .....	2	2	0
Clinical Observation and Remedial Work .....	2	2	0
Principles of Physical Education .....	2	2	0
Physical Psychology .....	2	2	0
Practical Work, Part II .....	10	10	0

5. The fee for each section of either part of the Practical Work is £2/2/-.

6. The fee for the course in Practical Teaching is £3/3/-.

7. The fee for the Diploma is £2/2/-.

8. One-half of the fee prescribed for any course is paid by a student who is exempted from attendance at lectures or practical work, and by one who attends classes or takes examination or does both a second time.

## XXXI. DIPLOMA IN SOCIAL SCIENCE.

The fees payable are:

For Social History	£3	3	0
For Social Organisation	3	3	0
For Human Nutrition	2	2	0
For the Principles and Practice of Social Work I and II, each part	6	6	0
For Social Biology A	7	7	0
For each other subject	5	5	0
For the Diploma	2	2	0

## XXXII. DIPLOMA IN PHYSIOTHERAPY.

- A. The fee for each year's work, including one annual examination, is £35.
- B. A candidate who repeats the work, or takes again the annual examination, of any year, or does both, pays half the fee prescribed.
- C. The fee for a supplementary examination in any subject is £3/3/-.
- D. The fee for the diploma is £2/2/-.

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital Practice.

## XXXIII. DEGREE OF DOCTOR OF PHILOSOPHY.

- (a) For each term of full-time work for the degree £4 0 0
- (b) On submission of the thesis for examination 10 10 0
- (c) For admission to the degree 7 7 0

## 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 Council, receive a ticket entitling them to the use of it for a fixed period of time. Any member of the Library Committee may grant admission until the next meeting of the Council.

## III. CONDUCT OF READERS.

1. Books are not to be removed from the Library, except as provided in Section IV.

2. After books have been taken from the shelves they are not to be returned thereto, but left on the tables.

3. Readers who interfere with the comfort of other readers, or cause damage in the Library, or disfigure any book, whether by writing or in any other way, may be excluded by the Librarian or officer in charge, and shall make good any damage caused; further, they may be deprived of the use of the Library for such time as the Council may determine.

## IV. BORROWING OF BOOKS.

1. Members of the Council, Professors, full-time Lecturers, the Registrar, other senior members of the administrative staff, the Head and the Deputy Head of each affiliated College, and such other persons as the Council may from time to time approve, shall be entitled to borrow books from the Library.

2. Graduates of the University, matriculated students, full-time diploma students, and members of the teaching, research, and administrative staffs, other than those named in Clause 1 of this section, 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, subject to the following conditions:

(i) No person shall be allowed to borrow any book from the Library until he has lodged with the University Accountant a deposit of ten shillings (10/-) in security for the

due return of books and payment of any fines or penalties that may be incurred. The deposit, subject to deductions aforesaid, shall be returned on application when the borrower no longer wishes to borrow from the Library. Graduates shall be entitled to borrow from the Barr Smith Library only.\*

- (ii) No borrower shall be allowed to have in his possession more than six volumes belonging to the Library.
- (iii) 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.
- (iv) Temporarily reserved books may be borrowed on week-nights from 8.30 p.m. until 9.15 a.m. on the following morning, and from 11 a.m. on 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 ten shillings.

4. Notwithstanding Rule 2 (iii) 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.

5. Borrowers of books shall be held responsible for any loss, injury, mutilation, or disfigurement by writing or other marks, and shall be required to pay the full cost of replacing or repairing such books, and may also, at the discretion of the Council, be fined or suspended from the privileges of the Library.

6. So long as any fine remains unpaid, or so long as any person remains in possession of a book which he is not entitled to retain, the right of the defaulter to the use of the Library shall be suspended.

7. Any book may be borrowed with the exception of works specially reserved; such books may be borrowed only by permission of the Library Committee. No book shall be borrowed until it has been in the Library seven days.

8. Periodicals, bound and unbound, shall be issued from the Library to those entitled to borrow under Section IV.1. Other members of the teaching staff (including full-time demonstrators), research fellows and research scholars may borrow bound and unbound periodicals on the conditions prescribed in Section IV.2. Honours and postgraduate students may borrow such bound volumes of periodicals

\* Approved by the Council, October, 1944.

as are approved by a professor or his deputy, but the approval must be given on a prescribed form in each case.

No periodical shall be borrowed until it has been in the Library seven days. No unbound periodical then borrowed for departmental circulation or for personal use may be retained for more than seven days.

9. Notwithstanding the foregoing rules, a variation may be made at any time by the Council.

#### V. DEPARTMENTAL LIBRARIES.

The foregoing rules shall apply to Departmental Libraries.

#### VI. 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.

#### VII. RULES FOR THE MEDICAL LIBRARY.

1. All users of the Medical Library, except students, are entitled to have on loan at any one time not more than five bound volumes and two unbound periodicals.

2. Unbound periodicals shall be returned within five days.

3. All users of the Library, except professors and full-time lecturers in the medical faculty and students, shall return bound volumes within a fortnight.

4. Professors and full-time lecturers in the medical faculty shall return all books to the Library in June and December of each year, and the Library shall be closed for borrowing on the day of return and on the following day.

5. Notwithstanding rules 3 and 4 above, the Librarian may recall a book or periodical at any time and thereupon it shall be returned within three days.

6. The fine for a breach of rules 2, 3, or 5 shall be one shilling a volume for each day of detention beyond the time prescribed.

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### LABORATORY RULES

#### RULES APPLYING TO ALL LABORATORIES

Candidates desiring to enter upon any laboratory course in the University must enter their names with the Registrar not later than the seventh Monday in the year.

Provisional entry must be made by that date by students who intend to qualify to take a particular course by presenting themselves for a supplementary examination in February or March. The entry must be completed and the proper fees paid without delay upon the publication of the results of the supplementary examination.

Late entries may be accepted under the provisions set out in Clause 5 of Chapter VIII of the Statutes.

Favourable consideration will be given to applications from undergraduates, who are well advanced in their course, for facilities to carry out approved research. Such applications should be made in writing to the Registrar, and should contain a full statement of the investigation proposed and the facilities desired.

#### RULES OF THE BOTANY LABORATORY

1. The Botany Laboratory shall be open each week-day, during term time, from 9 a.m. to 5 p.m., Saturdays 9 to 12.

2. Each student shall have a definite seat assigned to him in the Laboratory, which he may not change without permission.

3. Each student shall have free use of a locker or drawer, of which a key may be obtained on deposit of half-a-crown. This will be refunded when the key is returned.

4. All necessary reagents and materials are provided by the Laboratory, but each student is required to provide himself with the following:—

- 1 pocket lens
- 1 forceps (fine-pointed)
- 1 scissors (fine)
- 3 needles in handles
- 1 pipette with rubber teat
- 2 dusters
- 1 soft silk handkerchief
- 2 razors (one flat and one hollow-ground)
- 1 camel-hair brush (fine)
- Microscope slide glasses, 3 in. by 1 in., in cover glasses, No. 2.
- Lead-pencils
- Notebook for drawing, which must be of unruled paper.

Microscopes.—Each student is required to provide himself with a microscope that shall be subject to the approval of the Professor. Suitable instruments may be hired for use in the Laboratory only, at a fee of £1 11s. 6d.\* per term, but each student is strongly advised to purchase his own instrument.

5. Paper and refuse of any kind must not be thrown into the sinks, but into the receptacles provided for the purpose.

6. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory shall be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

7. All preparations made from materials supplied by the University shall be its property.

8. The Professor may exclude any student from the Laboratory for any cause he shall deem sufficient. Every such exclusion, and the grounds for it, shall be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion

\* Approved by the Council, February, 1945.

upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

9. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

Made by Council, 13th December, 1912.

#### RULES OF THE ZOOLOGY LABORATORY

1. The Laboratory is open every week-day throughout the session from 9 a.m. to 5 p.m.; on Saturdays from 9 to 12.

2. Each student has a definite seat assigned to him in the Laboratory, which he is not allowed to change without permission.

3. Each student has the free use of a locker or drawer, of which a key may be obtained from the assistant on payment of a deposit of half-a-crown. This will be refunded when the key is returned.

\*4. All necessary reagents and materials are provided by the Laboratory, but each student is required to furnish himself with the following apparatus:—

1 pocket lens	} One box of each amongst several students is sufficient.
3 dozen slides, 3 in. by 1 in.	
½-oz. cover-glasses	
3 scalpels (large and small)	
3 forceps (broad and fine pointed)	
2 scissors (large and small)	
1 needle (in handle)	
1 blunt-pointed seeker	

Microscopes.—Medical students are required to supply their own instruments (see first-year schedule for degrees of M.B. and B.S.); other students may use microscopes provided by the University on payment of a fee of £1 11s. 6d.† a term. Every student taking the courses of Zoology and Physiology is strongly advised, however, to purchase at the beginning of his course a microscope of approved pattern for himself, as it is a great advantage for him to become familiar with his own instrument.

Each student will also provide himself with:—

1 duster  
1 soft silk handkerchief  
lead-pencils  
quarto size loose-leaf folder  
quarto size drawing paper

No ink is allowed.

5. Paper and scraps or refuse of any kind must be thrown not into the sinks, but into the receptacles provided for the purpose.

6. The larger and more expensive pieces of apparatus will be supplied for the general use of students by the University on the condition that all breakages are to be made good by the students using or breaking them, on such basis as the Professor may determine.

\* Revised by Council, July, 1948.

† Approved by Council, February, 1945.

7. All preparations made from materials supplied by the University shall be its property.

8. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

9. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

10. The Professor may exclude any student from the Zoology Laboratory for any cause he shall think sufficient. Every such exclusion, and the grounds for it, must be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

11. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

Made by Council, June, 1911.

#### RULES OF THE CHEMICAL LABORATORY

Note.—These rules apply also to the Chemical Laboratories at the Waite Agricultural Research Institute.

1. The Chemical Laboratory shall be open during term time each week-day from 9 a.m. till 5 p.m.; Saturdays, 9 a.m. till 12 noon. Persons engaged in advanced work or original research may work at such additional times as the Professor may arrange.

2. No student will be admitted to a course in Practical Chemistry if the Professor is not satisfied that he possesses sufficient theoretical knowledge to enable him to take advantage of the course.

3. Each student will be provided by the University with a working bench with the necessary fittings, a set of reagents and apparatus required for the ordinary courses. At the end of the practical class each day students must put away all apparatus other than that fixed up for an experiment which has not been completed, and must leave their benches clean. Reagent bottles which require filling must be placed on the top of the bench reagent shelf.

4. Students in Chemistry must, at the beginning of the session, pay the following deposits: First Year, £2; Second Year, £4; Third and Honours Years, each £5.\* Against the deposit will be charged the cost of apparatus broken, and incidental expenses such as glass, filter paper, platinum wire, and sundries. If at any time the amount of deposit has been exceeded, an additional deposit fee will be called for, and must be paid forthwith. Any credit balance will be refunded at the end of the course.

5. The larger and more expensive pieces of apparatus will be supplied on loan by the storekeeper, and must be signed for by the student. Such apparatus must be returned in a clean condition, or otherwise it will be charged for.

\* Approved by the Council, 1930.



6. All preparations made from materials supplied by the University shall be its property.

7. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

8. The Laboratory will be open gratis to students or graduates engaged in research work under the direction of the Professor, except as regards such payment for material and special attendances as the Professor may determine.

9. The Professor may exclude any student from the Laboratory for any cause he shall think sufficient. Such exclusion shall be reported to the Council, which may affirm or cancel the exclusion, and determine whether the fees paid by the student shall be refunded.

10. Strict economy must be observed in the use of gas, water, and other materials in the Laboratory. Fines, not exceeding 2s. 6d. in each case, may be imposed for waste or misuse, or for any breach of the Laboratory Rules.

11. The fees for students not attending a regular University course are as follows:—

For 5 days in the week, £4 5s. a month, or £10 a term.

For 4 days in the week, £3 6s. 8d. a month, or £8 a term.

For 3 days in the week, £2 10s. a month, or £6 a term.

For 2 days in the week, £2 a month, or £4 a term.

For 1 day in the week, £1 a month, or £2 a term.

Made by Council, 1928.

## RULES OF THE PHYSICS LABORATORY

1. The Physics Laboratory shall be open daily during term time (Saturdays excepted) at such hours as shall be considered necessary by the Professor of Physics, subject to approval by the Council.

2. Instruction will be given in Practical Physics; but no student will be admitted to laboratory work unless he shall have shown to the satisfaction of the Professor of Physics that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.

3. Apparatus will be supplied by the University for the general use of students on the condition that breakages and damages be made good.

4. For original research, carried on by students or graduates with the consent and under the direction of the Professor of Physics, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

5. The Professor of Physics may exclude from the Physics Laboratory any student for any cause satisfactory to the Professor; every such exclusion, and the grounds for it, to be reported by the Professor to the Council at its next meeting, and in case of any student being so excluded the fees paid by him will not be refunded.

Made by Council, June 30, 1899.

## LABORATORY TESTING

The Engineering Testing Laboratory is prepared to undertake all the usual physical tests on engineering materials, such as tests for the tensile, torsional, compressive, and shearing strengths of metals; determination of elastic constants, hardness, and elastic limit; the measurement of the transverse and compressive strengths of timbers, and the determination of the moisture content; tests for cement, and the examination of the suitability of different aggregates for concrete, and tests on the strength and porosity of concrete and other materials.

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RULES OF THE LABORATORIES OF PHYSIOLOGY  
AND BIOCHEMISTRY

1. The Laboratories of Physiology and Biochemistry shall be open upon each week-day during term time (Saturdays and holidays excepted) from 10 a.m. to 5 p.m. For persons carrying on advanced work or original research the laboratory will also be open at such additional hours as the Professor may from time to time determine.

2. No student will be admitted to laboratory work until he has shown to the satisfaction of the Professor of Physiology for Biochemistry that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.

3. Each student must, at the beginning of the year, pay a deposit fee of £2, against which will be debited breakage of ordinary apparatus, such as flasks, beakers, dishes, etc. The balance of this fee, if any, will be refunded at the end of the year. In addition to this deposit fee and at the same time each student must pay an annual fee of £1 on account of cost of material.

4. Students engaged in private investigations may be required to provide themselves with any materials which they may need and which are not included amongst the ordinary apparatus and reagents, also with the common apparatus and chemicals when they are employed in large quantities.

5. The larger and more expensive pieces of apparatus may be supplied for the general use of students by the laboratory on the condition that all breakages may have to be made good by the students using or breaking them on such basis as the Professor may determine.

6. All preparations made from materials supplied by the University shall be its property.

7. No experiments of a dangerous nature shall be performed without the express sanction of the Professor.

8. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

Made by Council, 1921, and amended 1939.

CALENDAR OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR 1955

PART V

Syllabuses—	PAGE
Arts - - - - -	553
Diploma in Education - - - - -	582
Economics - - - - -	588
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Agricultural Science - - - - -	621
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Law - - - - -	648
Medicine - - - - -	654
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Pharmacy - - - - -	679
Physical Education - - - - -	685
Social Science - - - - -	689
Physiotherapy - - - - -	696
Time-tables - - - - -	702

SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA  
COURSES FOR 1955.

Students are expected to procure the latest edition of all text-books prescribed.

FACULTY OF ARTS.

CLASSICS

The editions of Greek and Latin texts mentioned below are not prescribed, but are indicated as suitable for the use of students.

ELEMENTARY GREEK (Preparatory course)

This course will not assume any previous knowledge of the language; and it will not be counted as one of the units required for the degree of B.A.

Students who pass in the examination at the end of this course will be eligible to take Greek I. in a subsequent year.

The following books will be used:

Walters, C. F., and Conway, R. S., *Deigma* (John Murray).  
Worth, J. G., *Pallas Athene* (C.U.P.).

GREEK

There are three courses in Greek for the ordinary degree of Bachelor of Arts: they are designated Greek I, Greek II, and Greek III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Greek I until he has passed in Elementary Greek or in Greek at the Leaving Examination, or the course in Greek II until he has passed the final examination in Greek I, or the course in Greek III until he has passed the final examination in Greek II.

Every student taking a course in Greek should have available a good Greek-English lexicon and a good Greek grammar.

The subjects of examination are as follows:

1. Greek I.

- (a) Translation from English into Greek.
- (b) Translation from Greek into English.
- (c) Books specially set for 1955:  
Plato, *Euthyphro*, *Apology*, *Crito* (ed. J. Burnet, O.U.P.).  
Homer, *Odyssey*, Books XXI-XXII (ed. W. B. Stanford, Macmillan).  
Aeschylus, *Suppliants* (in Aeschylus, *Tragoediae*, ed. G. Murray, O.C.T.).
- (d) Questions on grammar and the subject-matter of the books set, with special reference to the lectures given.

2. Greek II.

Same course as Greek I, but in addition are prescribed for 1955:

Aristophanes, *Clouds*.  
Aristotle, *Poetics*.

3. Greek III.

- (a) Translation from English into Greek.
- (b) Translation from Greek into English.
- (c) Books specially set for 1955:  
*The Homeric Hymns*.  
Pindar, *Nemean Odes*.  
Herodotus, *Book VI*.  
Aeschines, *On the Embassy*.  
Aristotle, *Poetics*.
- (d) Greek history to the death of Demosthenes.

Candidates will be required also to write historical comments on passages selected from the books included in (c).

## LATIN

There are three courses in Latin for the ordinary degree of Bachelor of Arts; they are designated Latin I, Latin II, and Latin III. Except with special permission to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Latin I until he has passed in Latin at the Leaving Examination, or the course in Latin II until he has passed the final examination in Latin I, or the course in Latin III until he has passed the final examination in Latin II.

Every student taking a course in Latin should have available a good Latin-English lexicon and a good Latin grammar.

The subjects of examination are as follows:

## 5. Latin I.

- (a) Translation from English into Latin.
- (b) Translation from Latin into English.
- (c) Books specially set for 1955:
  - Sallust, *Jugurtha* (ed. I. F. Smedley, Blackwood).
  - Vergil, *Aeneid*, Book XI (in Vergil, *Aeneid*, Books VII-XII, ed. Page, T. E., Macmillan. Students will require a text of *Aeneid* VII-XII).
  - Horace, *Odes*, Book I (ed. J. Gow, C.U.P.).
- (d) Questions on grammar and the subject-matter of the books set, with special reference to the lectures given.

## 6. Latin II.

- (a) Translation from English into Latin.
    - (Hardie, W. R., *Latin Prose Composition* (Arnold) will be used.)
  - (b) Translation from Latin into English.
  - (c) Books specially set for 1955:
    - Lucretius, *Book III* (ed. J. D. Duff, C.U.P.).
    - Cicero, *Orator* (text in Cicero, *Rhetorica II Brutus*, etc., ed. A. S. Wilkins, O.C.T.).
    - Lucan, *Book VII* (ed. J. P. Postgate, C.U.P.).
    - Tacitus, *Agricola* and *Germania* (ed. J. H. Sleeman, C.U.P.).
- Questions will be asked on the history of Roman literature.

## 7. Latin III.

- (a) Translation from English into Latin.
- (b) Translation from Latin into English.
- (c) Books specially set for 1955:
  - As for Latin II, together with Vergil, *Aeneid*, Books I-III.
- (d) Roman history to the death of Trajan. In addition to a general account of the subject (e.g., Pelham, H. F., *Outlines of Roman History*, Rivingtons, or Cary, M., *A History of Rome down to the Reign of Constantine*, Macmillan), candidates will be required also to write historical comments on passages selected from the books included in (c).

## 9. Comparative Philology.

No student should attempt this course before completing either Greek I or Latin I or French I or German I.

The course consists of about 60 lectures, including 18 lectures on elementary Greek and 9 lectures on general phonetics. This course deals mainly with the Indo-European language group; but it is designed also to serve as a general introduction to linguistic study suitable, e.g., for those who may subsequently have an opportunity of investigating some of the undescribed native languages of Australasia or Oceania.

Text-books:

For Elementary Greek:

- Thompson, J., *Elementary Greek grammar* (Accidence and Syntax) (John Murray).
- Worth, J. G., *Pallas Athene* (C.U.P.).

## For Comparative Philology:

- Ernout, A., *Morphologie historique du Latin* (C. Klincksieck).  
 Skeat, W. W., *A primer of English etymology* (O.U.P.).  
 Wright, J., *Comparative grammar of the Greek language* (O.U.P.).

## II. Classics for the Honours Degree of B.A.

*Candidates are recommended to commence Honours work in composition and reading early in their course.*

The examination will comprise the following papers:

- (a) Translation into Greek prose.
- (b) Translation into Greek verse.\*
- (c) Translation into Latin prose.
- (d) Translation into Latin verse.\*
- (e) Unprepared translation from Greek into English.
- (f) Unprepared translation from Latin into English.
- (g) Unprepared translation from Greek and Latin into English.
- (h) Translation from prescribed Greek books.
- (j) Translation from prescribed Latin books.
- (k) Greek general paper { Including questions on comparative philology,  
metre and prosody, grammar, literature, and
- (l) Latin general paper { antiquities.
- (m) Greek history to 146 B.C.
- (n) Roman history to the death of Trajan.
- (o) Ancient philosophy.

Papers (k), (l), (m), (n) and (o) will include passages for comment selected from the prescribed books; in addition to a general knowledge of the subject, candidates will be expected to show a more detailed knowledge of the following:

For 1955:

- (i) Greek history to 494 B.C.
- (ii) Roman history, 14-70 A.D.
- (iii) The Pre-Socratics.

For 1956:

- (i) Greek history, 494-431 B.C.
- (ii) Roman history, 68-117 A.D.
- (iii) The Atomists and the school of Epicurus.

Books specially set for 1955:

- Homer, *Iliad*, Books XIII-XXIV.  
 Pindar, *Nemean Odes*.  
 Aeschylus, *Agamemnon*.  
 Sophocles, *Oedipus the King*.  
 Aristophanes, *Clouds*.  
 Herodotus, *Book II*.  
 Thucydides, *Book I*.  
 Plato, *Phaedo*, *Politicus*.  
 Isocrates, *Panegyric*.  
 Aristotle, *Metaphysics A*.  
 Terence, *Hauton Timorumernos*.  
 Lucretius, *Book III*.  
 Vergil, *Bucolics and Georgics*.  
 Horace, *Satires* (omitting I ii, vii, viii; II iv).  
 Martial, *Books VII-XII* (selection by Bridge and Lake, O.U.P.).  
 Cicero, *de Oratore*.  
 Pliny, *Selected Letters*.  
 Livy, *Books VI-VII*.  
 Tacitus, *Annals*, Books XIV-XVI.  
 St. Augustine, *de Civitate Dei*, Books VI-VII.

\* Translation into verse is optional. Proficiency in Greek and Latin verse composition will be indicated by the letters G and L respectively appended to the candidate's name in the class list.

Books specially set for 1956:

- Homer, *Odyssey*, Books I-XII.  
 Pindar, *Olympian Odes*.  
 Aeschylus, *Choephoroi*.  
 Sophocles, *Electra*.  
 Aristophanes, *Birds*.  
 Herodotus, *Book VI*.  
 Thucydides, *Book I*.  
 Plato, *Phaedo*, *Philebus*.  
 Aeschines, *On the Embassy*.  
 Aristotle, *Poetics*; *Ethics*, Books I, II, X.  
 Plautus, *Aulularia*.  
 Lucretius, *Books I-II*.  
 Vergil, *Aeneid*, Books I-VI.  
 Horace, *Odes*, Book IV; *Epistles*, Books I-II and *Art of poetry*.  
 Martial, *Books I-VI* (selection by Bridge and Lake, O.U.P.).  
 Cicero, *de Finibus*, Books I-II; *Brutus*.  
 Livy, *Books II-III*.  
 Pliny, *Selected Letters*.  
 Tacitus, *Histories*, Books III-V.  
 Minucius Felix, *Octavius*.

In addition, students will require:

- Greek philosophy, a collection of texts* (C. J. de Vogel, Brill, Leiden).  
 E. Schwyzer, *Dialectorum Graecarum exempla epigraphica potiora* (S. Hirzel, Leipzig; or *Greek Dialects* (C. D. Buck, Ginn and Co.).  
 A. Ernout, *Recueil de Textes latins archaïques* (C. Klincksieck, Paris).

### 13. Classics for the Degree of M.A.

Students who propose to read Classics with a view to entering for the M.A. examination are advised to take the earliest opportunity of consulting the Professor of Classics about their course of reading.

The examination will be in the following subjects:

- (a) Translation into English from Greek and Latin writers.
- (b) Ancient History:  
     Greek history to 146 B.C.  
     Roman History to A.D. 337.
- (c) History of Greek and Roman literature.
- (d) History of ancient thought.
- (e) Comparative Philology of the Indo-European languages, with reference particularly to Greek and Latin.
- (f) A subject or subjects for more minute study chosen from one of the sections (b), (c), (d), (e) above; such choice is to be made by the candidate subject to the approval of the Faculty of Arts, and should include work in both Greek and Latin. (This last condition may be relaxed for sufficient reason.)

A thesis on a subject approved by the Faculty of Arts may be accepted in place of part or the whole of the above examination.

## MODERN LANGUAGES

### ENGLISH LANGUAGE AND LITERATURE

#### 20. English IA: The History of English Literature.

This course is designed for students who intend to take only a one-year course in English, and all such students are recommended to take it instead of the course in English I. It will not be accepted as qualifying a student to proceed with the course in English II, for which English I is a pre-requisite.

Country students are not recommended to take this course.

- A. An introduction to critical theory.
- B. The novel.
- C. Drama.
- D. Poetry.
- E. Prose.

A detailed knowledge of the following prescribed texts will be expected:

- A. Herbert Read, *London book of English prose*.
- B. Fielding, *Joseph Andrews*.  
E. Bronte, *Wuthering Heights*.  
Joyce Cary, *Mr. Johnson*.
- C. Shakespeare, *Twelfth night; Antony and Cleopatra*.  
Congreve, *The way of the world*.  
Shaw, *Arms and the man*.  
Eliot, *Murder in the cathedral*.
- D. *Seven centuries of poetry: Chaucer to Dylan Thomas* (Longmans).

There will be two lectures on Australian poetry in this section of the course and one of the following anthologies should be acquired by students:

- Mackerness, *An Australian anthology* (Angus and Robertson).
- Serle, *An Australasian anthology* (Collins).
- E. Bacon, *Essays*.  
Swift, *Tale of a tub*.  
Lamb, *Essays of Elia*.  
Ruskin, *Sesame and lilies*.  
Harold Nicholson, *Some people* (Penguin).

Books recommended:

- Legouis, *A short history of English literature* (Oxford).
- Treble and Vallins, *An A.B.C. of English usage* (Oxford).
- The concise Oxford dictionary* (Oxford).
- J. C. Ghosh (Ed.), *Annals of English literature, 1475-1925* (Clarendon Press, Oxford).
- Fowler, *Modern English usage* (Oxford).
- Wrenn, C. L., *The English language* (Methuen).

For those students who wish to take more than a one-year course in English there are three courses for the Ordinary degree of Bachelor of Arts: English I, II and III. No student proceeding to a degree may, without special permission, take Course II until he has passed the final examination in Course I, or take Course III until he has passed the final examination in Course II. A paper in the History of English Literature will be set as part of the final examination for Course III. This paper will cover the lectures and set books of the course in the History of English Literature and candidates for the degree of B.A. taking a sequence of courses in English Language and Literature must, therefore, attend the course in the History of English Literature at some stage of their undergraduate career.

## 21. English I.

An outline of English literature from the medieval to the Jacobean period.

- A. Poetry from Chaucer to Shakespeare.
- B. Elizabethan and Jacobean drama.
- C. Shakespeare.
- D. 16th and 17th century prose.

A detailed knowledge of the following books will be required:

- Chaucer, *Selections from Chaucer*, ed. Cowling (Ginn).
- Spenser, *The Faerie Queene, Book III*.
- Marlowe, *Tamburlaine, Doctor Faustus*.
- Shakespeare, *A midsummer night's dream; Romeo and Juliet; Henry IV, Part I; Twelfth night; Hamlet; King Lear; Anthony and Cleopatra; The tempest*.
- Webster, *The Duchess of Malfi*.
- Jonson, *Volpone*.



Special study will be prescribed in:

*English prose, Wycliffe to Clarendon* (World's Classics).  
*The Oxford book of sixteenth century verse* (Oxford).  
*Seven centuries of poetry: Chaucer to Dylan Thomas* (Longmans).

Books recommended:

Legouis, *A short history of English literature* (Oxford).  
 Treble and Vallins, *An A.B.C. of English usage* (Oxford).  
*The concise Oxford dictionary* (Oxford).  
 J. C. Ghosh (Ed.), *Annals of English literature, 1475-1925* (Clarendon Press, Oxford).  
 Fowler, *Modern English usage* (Oxford).  
 Wrenn, C. L., *The English language* (Methuen).

## 22. English II.

An outline of English literature in the seventeenth and eighteenth centuries.

A. Seventeenth century literature.

B. Milton.

C. Eighteenth century literature.

A detailed knowledge of the following books will be required:

*The Oxford book of seventeenth century verse* (Oxford).  
*The Oxford book of eighteenth century verse* (Oxford).  
 Milton, *Poems* (O.U.P.).  
 Dryden, *All for love; Essay of dramatic poesy*.  
 Farquhar, *The beaux stratagem; or, The recruiting officer*.  
 Pope, *Poems, epistles and satires*.  
 Johnson, *Lives of the poets* (with special reference to the lives of Cowley, Milton, Dryden, Rochester, Pope, Thomson, Savage, Gray).  
 Swift, *The battle of the books; A tale of a tub* (Everyman, one vol.).  
 Addison, *The Spectator* (Nos. 2, 106, 108, 112, 116, 122, 130, 131, 269; 411-421: 70, 74, 85; 160, 419: 58-63: 267, 273, 279, 285, 291, 297).  
 Richardson, *Pamela*.  
 Fielding, *Tom Jones*.  
 Sterne, *A sentimental journey*.  
 Goldsmith, *The vicar of Wakefield*.  
 Sheridan, *The school for scandal*.  
*Shorter novels* (Everyman, Vols. II and III), with particular reference to *Incognita, Oroonoko, The Castle of Otranto, Vathek, Rasselas*.

## 23. English III.

An outline of English literature in the nineteenth and twentieth centuries.

A. Poetry.

B. Prose.

C. Australian literature.

D. History of criticism.

A detailed knowledge of the following books will be required:

A. The poetical works of: Wordsworth, Shelley, Keats, Byron, Tennyson, Browning, Yeats, Eliot.  
 B. Carlyle, *Heroes and hero-worship*.  
 Arnold, *Culture and anarchy*.  
 Pater, *Appreciations*.  
 Maria Edgeworth, *Tales*.  
 Jane Austen, *Emma*.  
 Scott, *Guy Mannering* or *Redgauntlet*.  
 Peacock, *Nightmare abbey* or *The misfortunes of Elphin*.  
 Disraeli, *Sybil* or *Lothair*.  
 Dickens, *Martin Chuzzlewit*.  
 Thackeray, *Henry Esmond*.  
 George Eliot, *Middlemarch*.  
 Hardy, *Tess of the d'Urbervilles* or *Jude the obscure*.  
 Meredith, *The ordeal of Richard Feverel*.  
 Lewis Carroll, *Alice in Wonderland* and *Alice through the looking glass*.

Henry James, *The turn of the screw*.  
 E. M. Forster, *A passage to India*.  
 James Joyce, *Portrait of the artist as a young man*.  
 Virginia Woolf, *The waves*.

A course of contemporary poetry and novels. No precise programme of reading can be prescribed, but the first and as many as possible of the following list of books should be read.

- C. H. M. Green, *Modern Australian Poets*.  
 Kylie Tennant, *The battlers*.  
 Miles Franklin, *All that swagger*.  
 Xavier Herbert, *Capricornia*.  
 Eleanor Dark, *The timeless land*.  
 Katherine S. Pritchard, *Working bullocks*.  
 Dal Stevens, *The courtship of uncle Henry*.  
 Gavin Casey (various short stories).  
 Douglas Stewart, *The girl with the red hair*.  
 Sarah Campion (The *Mo Burdekin* books).  
 Eye Langley, *The peapickers*.  
 T. Hungerford, *The ridge and the river*.  
 Brent of Bin Bin, *Up the country*.  
 Patrick White, *Happy valley*.
- D. Aristotle, *Poetics*.  
 D. Nicol Smith, *Shakespearean criticism*.  
 Anne Bradby, *Shakespeare criticism, 1919-1935*.

### 28. English Language and Literature for the Honours Degree of B.A.

Candidates adopting *Scheme A* will take the following papers (see comment below (i)—(x), omitting one of the following, (vi), (vii) or (viii). Candidates adopting *Scheme B* will take papers (iii)—(xi) inclusive; but for paper (vi) or (vii) any one of the following papers may be substituted, (xii), (xiii) or (xiv). Substitutions or omissions should be made only after consultation with the Professor. In each case the course extends over three years and is normally entered upon in the second year at the university.

- (i) Old English, with a general study of the prose and poetry before 1066.

For special study:

*Beowulf* (ed. Klaeber, F.).

*The dream of the rood* (ed. B. Dickens and A. S. C. Ross).

- (ii) Middle English.

For special study:

Hall, J. (ed.), *Selections from early Middle English* (O.U.P.).

Sisam, K. (ed.), *Fourteenth century verse and prose* (O.U.P.).

- (iii) History of English Language.  
 (iv) Chaucer to Dunbar.  
 (v) Shakespeare and the Elizabethan drama.  
 (vi) Skelton to Milton.  
 (vii) Dryden to Blake.  
 (viii) Wordsworth to the present day.  
 (ix) Literary criticism: passages for comment.  
 (x) History of English critical theory.  
 (xi) Essay paper.  
 (xii) Australian Literature.  
 (xiii) American Literature.  
 (xiv) Canadian or other Commonwealth Literature.

Candidates will be required to attend classes and show satisfactory progress in Old and Middle English I and II before presenting themselves for examination in either of the subjects numbered (i) and (ii) above.

Candidates who desire to present themselves for examination in (x), which is an optional paper, must consult the Professor at the beginning of their final year.

The John Howard Clark Prize is awarded on the results of the final Honours examination in English Language and Literature. For particulars of the prize, see Statutes, Chapter XIV.

**29. English Language and Literature for the Degree of M.A.**

Candidates for the degree of M.A. in English Language and Literature are advised to take the earliest opportunity of consulting the Professor about their courses.

Candidates who wish to qualify for the degree of M.A. under regulation 2(b) are required in their preliminary examination to follow either *Scheme C* or *Scheme D*; each course covers two years' work and must be completed within that period unless permission is otherwise granted. Details of the Final Honours papers 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), (ix) and (xii).  
    These papers must be taken at the end of the first year's study.
2. (a) Final Honours Paper (x).
- (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 oral and written examination in French II.

Students in French I, French II and French III are required to attend lectures in language and literature twice a week 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, including conversation, reading and dictation, and to present themselves for an oral examination. They are expected to attend regularly the meetings of the French Club, in which all conversation is in French. In French II and French III the lectures on the literature are given in French, and in the final examinations candidates are required to answer in French all questions on literature. Students who are exempted from attendance at lectures are required at some time during their course to present themselves for an oral examination, by special arrangement with the Professor. In no circumstances may students in French I be exempted from attendance at lectures and tutorials.

Subjects of examination in 1955:

### 31. French I.

- (a) Free composition in French and translation from English into French.  
 Prescribed book:  
 Whitmarsh, *Cours Supérieur* (Longmans).  
 For reference:  
 Michaut et Schricke, *Grammaire Française (Cours complet)* (Paris, Hatier); or Grevisse, *Le bon usage* (Paris, Geuthner).  
 Hanse, *Dictionnaire des Difficultés grammaticales et lexicologiques* (Amiens, Editions Scientifiques et Littéraires); or Martinon, *Comment on parle en français* (Paris, Larousse).  
 Harrap's *Standard French and English Dictionary* (2 vols).  
 Hatzfeld, Darmesteter et Thomas, *Dictionnaire général de la langue française* (2 vols.) (Delagrave).  
*Nouveau petit Larousse illustré*.  
*Le Larousse du XX<sup>e</sup> siècle* (6 vols.).
- (b) Translation of unseen and prescribed French texts into English.  
 Prescribed books:  
 Marks, *French Literary Passages* (Dent).  
 Corneille, *Le Cid* (Classiques Larousse).  
 Molière, *Les Précieuses ridicules* (Classiques Larousse).  
 Voltaire, *Zadig* (ed. Saulnier; Droz).  
 Burger (ed.), *La France d'hier et d'aujourd'hui* (Melbourne Univ. Pr.).  
 Deval, *Tovaritch* (Harrap).
- (c) Orals.  
 Prescribed book:  
 Crampton, *Gaudissart* (O.U.P.).
- (d) Literature: Representative works.  
 Prescribed books: As for (b) together with: Albalat, *Comment il faut lire les auteurs classiques français* (Paris, Armand Colin).  
 For reference:  
 Bédier et Hazard (revised, Martino), *Histoire illustrée de la littérature française* (Larousse).  
 Saulnier, *La littérature française* (1) *du moyen âge*, (2) *de la Renaissance*, (3) *de l'époque classique*, (4) *du siècle philosophique*, (5) *du siècle romantique*; 5 vols. (Collection "Que sais-je?"; Paris, Presses universitaires).
- (e) Elementary geography of France and history of French civilisation.  
 For reference:  
 Graeme Ritchie (ed.), *France; a companion to French studies* (Methuen), latest edition.  
 Parker and Grigaut, *Initiation à la culture française* (New York, Harper).  
 The M. Rees George Prize, of the value of £6, is awarded annually to the woman student who wins the highest place in the annual examination in French I (both written and oral sections), provided that the candidate is of sufficient merit. The rules governing the prize are published in the appropriate section of the calendar.

### 32. French II.

- (a) Free composition in French and translation from English into French.  
 Prescribed book:  
 Kastner and Marks, *A new course of French composition, Book III* (Dent).  
 For reference: As for French I, together with: Vannier, *Pour composer, pour écrire, pour se corriger* (Paris, Nathan); or Crouzet and Desjardins, *Méthode française et Exercices illustrés*, vol. 3 (Paris Didier).
- (b) Translation of unseen and prescribed French texts into English.  
 Prescribed books:  
 Ronsard, *Poésies choisies*, 2 vols. (Classiques Larousse).  
 Corneille, *Cinna* (ed. Andraud; Paris, Didier).  
 Molière, *Les Femmes savantes* (ed. Crouzet; Paris, Didier).

Racine, *Iphigénie* (ed. Minouflet; Paris, Didier).  
 Fénelon, *Télémaque* (ed. Cahen; Hachette).  
 Voltaire, *Lettres philosophiques* (ed. Taylor; Blackwell).  
 Beaumarchais, *Le barbier de Séville* (ed. Allen; Harrap).  
 Prévost, *Manon Lescaut* (C.U.P.).

## (c) Orals.

For reference:

Crouzet and Desjardins, *op. cit.*; or Rudler, *L'Explication française* (Paris, Colin).

## (d) Literature: From 1550 to 1800.

The lectures will treat only sections or aspects of the period.

Prescribed books: As for (b), together with:

Martino et Caillat, *Littérature française* (Paris, Masson), vol. 1;  
 OR Braunschvig, *Notre littérature étudiée dans les textes* (Paris, Colin),  
 vol. 1, from ch. xiii to the end; Vol. 2, ch. i-xxxvi.

For reference:

Funck-Brentano, *L'Ancien Régime* (Paris, Flammarion).

## 33. French III.

## (a) Free composition in French and translation from English into French.

Prescribed book: As for French II.

For reference: As for French I and II.

## (b) Translation of unseen and prescribed French texts into English.

Prescribed books:

*Anthologie des Poètes du XIX<sup>e</sup> siècle* (ed. Maynial; Hachette).  
 Constant, *Adolphe* (ed. Rudler; Manchester U.P.).  
 Balzac, *Le Père Goriot* (ed. Allen; Garnier).  
 Musset, *Il ne faut jurer de rien* (Classiques Larousse).  
 Renan, *Caliban* (Manchester U.P.).  
 Camus, *La Peste* ("Collection Pourpre", Gallimard).  
 Jules Supervielle, *Contes et Poèmes* (ed. Orr; Edinburgh U.P.).

## (c) Orals.

For reference: As for French II.

## (d) Literature: The nineteenth and twentieth centuries.

The lectures will treat only sections or aspects of the period.

Prescribed books: As for (b), together with:

Martino et Caillat, *Littérature française* (Paris, Masson), vol. 2; OR  
 Braunschvig, M., *Notre Littérature étudiée dans les textes* (Paris,  
 Colin), vol. 2, chs. xxxvii-xliv; and Braunschvig, M., *La littérature  
 française contemporaine* (Colin), chs. i-iv.

The Violet de Mole prize, of the value of five guineas, is awarded annually to the student who wins the highest place in the annual examination in French III (written and oral sections), provided that the candidate is of sufficient merit. The rules governing the prize are published in the appropriate section of the calendar.

## 35. Old and Middle French I.

## (a) Outline of the history of the French language; historical phonetics; morphology and syntax of Old and Middle French.

Prescribed book:

Brunot et Bruneau, *Précis de grammaire historique de la langue française* (Paris, Masson), pp. vii-xxvii, 1-95, 180-363, 395-403, 467-492, 507-520.

## (b) Outline of the history of French literature up to 1500.

Prescribed book:

Decahors, *Histoire de la Littérature française; le Moyen Age* (Paris, Les Editions de L'Ecole).

## (c) Translation of prescribed texts into English with simple linguistic commentary in English.

Prescribed books:

Ferran et Decahors, *Morceaux choisis de Littérature française; le Moyen Age* (Paris, Les Editions de l'Ecole).

This course will be taken by the student in his second year at the University. The lectures on the language will be given in English, those on the literature in French.

### 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 (ii) and (iv), five essays, to be written in French, will be set in each year on subjects drawn from the corresponding one of the following reading courses:—

#### SECOND YEAR:

Marot, Ronsard, Du Bellay and D'Aubigné in Vianey, *Chefs-d'œuvre poétiques du XVI<sup>e</sup> siècle* (Hatier).

Du Bellay, *Défense et illustration de la langue française*.

Robert Garnier, *Les Juifves*.

Corneille, *Le Cid*, *Horace*, *Cinna*, *Polyeucte*, *Le Menteur*.

Molière, *Les Précieuses ridicules*, *L'École des Femmes*, *La Critique de l'École des femmes*, *L'Impromptu de Versailles*, *Tartuffe*, *Don Juan*, *Le Misanthrope*, *Le Médecin malgré lui*, *Amphitryon*, *L'Avare*, *Le Bourgeois gentilhomme*, *Les fourberies de Scapin*, *Les Femmes savantes*, *Le Malade imaginaire*.

Racine, *Andromaque*, *Les Plaideurs*, *Britannicus*, *Bérénice*, *Bajazet*, *Phèdre*, *Athalie*.

La Fontaine, *Fables*; books I, V, VII, VIII, IX, XII.

Madame de La Fayette, *La princesse de Clèves*.

Madame de Sévigné, *Selected Letters*, ed. Baker (Manchester U.P.).

La Rochefoucauld, *Maximes*.

La Bruyère, *Les Caractères (Du mérite personnel; De la société et de la conversation; Des biens de la fortune; De la mode)*.

Bossuet, *Oraisons funèbres d'Henriette de France, d'Henriette d'Angleterre, et de Louis de Bourbon, prince de Condé*.

Fénelon, *Télémaque*; *Lettre à l'Académie*.

Boileau, *Satires II, III, VI, IX, X*; *Épîtres VI, VII, X*; *L'Art poétique*.

Saint-Simon, *Selections*, ed. Tilley (Cambridge).

Régnaud, *Le Légataire universel*.

Le Sage, *Turcaret*; *Gil Blas* (ed. Sanderson; Harrap).

Marivaux, *Le Jeu de l'amour et du hasard*.

Beaumarchais, *Le Barbier de Séville*; *Le Mariage de Figaro*.

Montesquieu, *Lettres persanes*.  
 L'abbé Prévost, *Manon Lescaut*.  
 Voltaire, *Lettres sur les Anglais* (*Lettres philosophiques*); *Le Siècle de Louis XIV*; *Zadig*.  
 Buffon, *Discours sur le style*; OR Rivarol, *Discours sur l'universalité de la langue française*.  
 Rousseau, *La Nouvelle Héloïse*; *Lettre sur les spectacles*.  
 Bernardin de Saint-Pierre, *Paul et Virginie*.  
 Chénier, *L'Aveugle*.

## THIRD YEAR:

Chateaubriand, *Atala*; *René*; *Mémoires d'outre-tombe* (extraits).  
 Xavier de Maistre, *Voyage autour de ma chambre*.  
 Benjamin Constant, *Adolphe*.  
 Lamartine, *Méditations poétiques*; OR *Œuvres choisies* (ed. Levaillant; Hatier).  
 Vignys, *Poèmes antiques et modernes*; *Chatterton*; *Servitude et Grandeur militaires*.  
 Victor Hugo, *Les Feuilles d'automne* OR *Les Contemplations*; *La Légende des Siècles*; *la préface de Cromwell*; *Hernani* OR *Ruy Blas*; *Notre-Dame de Paris*.  
 Musset, *Premières Poésies*; *Poésies nouvelles*; *Fantasio* OR *Il ne faut jurer de rien* OR *On ne badine pas avec l'amour*; *Lorenzaccio*.  
 Augustin Thierry, *Récits des temps mérovingiens*.  
 Michelet, *Jeanne d'Arc* (Collection Nelson).  
 Mérimée, *Colomba*; *Carmen*.  
 George Sand, *La mare au diable* OR *La Petite Fadette* OR *Les maîtres-sonneurs*.  
 Balzac, *Le curé de Tours* OR *Un épisode sous la Terreur*; *César Birotteau* OR *Eugénie Grandet*; *Le père Goriot* OR *Le Cousin Pons*; *Avant-propos de la Comédie humaine*.  
 Théophile Gautier, *Préface de Mademoiselle de Maupin*.  
 Leconte de Lisle, *Poèmes antiques* OR *Poèmes barbares*.  
 Heredia, *Les Trophées*.  
 Verlaine, *Poèmes saturniens*; *Jadis et naguère*; *Sagesse*; *Romances sans paroles*.  
 Daudet, *Lettres de mon moulin*; *Tartarin de Tarascon*.  
 Flaubert, *Trois contes*.  
 Maupassant, *Quinze contes* ed. Green (Cambridge).  
 Loti, *Pêcheur d'Islande* OR *Le mariage de Loti*.  
 Anatole France, *Le crime de Sylvestre Bonnard*.  
 Alain Fournier *Le grand Meaulnes*; OR Chateaubriand, *M. des Lourdines*.  
 Dumas fils, *La dame aux camélias* OR *La question d'argent*.  
 Augier, *Le gendre de M. Poirier*.  
 Labiche, *Le voyage de M. Perrichon* OR *La poudre aux yeux*.  
 Becque, *Les corbeaux*.  
 Rostand, *Cyrano de Bergerac* OR *Les romanesques*.  
 Maeterlinck, *Pelléas et Mélisande*.  
 François de Curel, *La nouvelle idole*.  
 Claudel, *L'annonce faite à Marie*.  
 Jules Romains, *Knock*; OR Pagnol, *Topaze*; OR Deval, *Tovaritch*.  
 Giraudoux, *Intermezzo*; *La guerre de Troie n'aura pas lieu*.  
 Anouilh, *Antigone*.

## FOURTH YEAR:

Villon, *Le Testament*.  
 Rabelais (ed. Plattard or Saulnier), *Gargantua; Pantagruel*.  
 Montaigne (ed. Villey), *Essais*; book I, chs. 1, 2, 7, 11, 14, 19, 20, 23, 25, 26, 27, 28, 31, 56; book II, chs. 6, 8, 10, 11, 12, 17, 18, 19, 37; book III, chs. 2, 3, 6, 8, 9, 10, 11, 12, 13.  
 Descartes, *Discours de la méthode*; *Méditations métaphysiques*.  
 Pascal, *Lettres provinciales*, I, IV, XIII; *Pensées* (ed. Brunschvicg OR Tourneur OR Lafuma).  
 Montesquieu, *Grandeur et décadence des Romains* OR *L'Esprit des lois* (abridged).  
 Voltaire, *Candide*.

- Diderot, *Philosophical Writings*, ed. Boase (Oxford, Blackwell).  
 Rousseau, *Emile; Du contrat social; Les Confessions*.  
 Tocqueville, *L'Ancien Régime et la Révolution*.  
 Sainte-Beuve, *Selections*, ed. Tilley (Cambridge).  
 Taine, *Introduction à l'Histoire de la littérature anglaise*.  
 Renan, *Souvenirs d'enfance et de jeunesse*.  
 Baudelaire, *Les Fleurs du mal; Petits poèmes en prose*.  
 Rimbaud, *Poésies*.  
 Mallarmé, *Poésies*.  
 Valéry, *Le cimetière marin*.  
 André Breton, *Manifeste du surréalisme*.  
 Stendhal, *Le rouge et le noir*.  
 Flaubert, *Madame Bovary; Salammbô*.  
 Victor Hugo, *Les Misérables*.  
 Zola, *La débâcle*.  
 E. et J. de Goncourt, *Madame Gervaisais*.  
 Huysmans, *La cathédrale*.  
 Maupassant, *Choix de contes*, ed. Green (Cambridge); *Pierre et Jean* (incl. preface).  
 Bourget, *Le disciple*.  
 Barrès, *Les déracinés* OR *La colline inspirée*.  
 Anatole France, *L'île des pingouins* OR *Les dieux ont soif*.  
 Gide, *L'immoraliste* OR *Les Caves du Vatican* OR *Les faux-monnayeurs*.  
 Proust, *Du côté de chez Swann*.  
 Barbusse, *Le feu*; OR Dorgelès, *Les croix de bois*; OR Duhamel, *Civilisation*.  
 Duhamel, *Confession de minuit*; OR *Le Notaire du Havre*; OR Lacrosette, *Silbermann*; OR Mauriac, *Génitrix*; OR Bernanos, *Journal d'un curé de campagne*.  
 Jules Romains, *Les hommes de bonne volonté I (Le 6 octobre)*; OR Joseph Kessel, *L'armée des ombres*; OR Albert Camus, *La Peste*.

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 five 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 five more advanced essays on the literature of the past four centuries; but those who have passed in Old and Middle French II may elect instead to do the fourth year course in Old and Middle French literature and French philology and write one essay on a question taken from French literature from its beginnings up to 1600.

In all three years they shall attend the weekly Honours tutorials and perform the exercises connected therewith.



## 39. French Language and Literature for the Degree of M.A.

Candidates for the degree of M.A. in French Language and Literature are advised to consult the Professor at the earliest opportunity.

Those who seek to qualify for candidature under regulation 2 (b) are required, at the outset of their preparatory course, to satisfy the examiner in a translation and oral test (excluding *explication de textes*), equivalent in standard to papers (a) and (b) and the oral test of the final examination for the Honours degree of B.A. On their completion of the preparatory course they shall take papers (c), (d), and any two of (e), (f), and (g) of the final examination for the Honours degree of B.A. and be tested for *explication de textes*.

## GERMAN

There are three courses in German for the ordinary degree of Bachelor of Arts: they are designated German I, German II and German III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in German II until he has passed the final examination in German I or the course in German III until he has passed the final examination in German II.

Candidates are required to attend tutorial classes.

All students are expected to attend the Deutscher Verein, which meets periodically throughout the academic year, and the Goethe Society of South Australia which meets on the third Wednesday of each month.

## 41 German I.

- (a) Translation from German into English and from English into German; this includes unseen passages as well as passages from set texts.  
 (b) Phonetics. Grammar.

Recommended for reference:

- Russon, L. J., *Complete German course* (Longmans, 1948).  
 Eggeling, H. F., *Advanced German prose composition* (O.U.P., 1953).  
 Der grosse Duden (Rechtschreibung der deutschen Sprache, 13th ed. 1948).  
*Dudens Stilwörterbuch* (3rd ed., 1938).  
*Der Sprach Brockhaus*.  
*Muret-Sanders* (new ed. by E. Klatt, 1944).  
 Wichmann, K., *Pocket dictionary of the German and English languages*.  
 Cassel's New German Dictionary, especially later eds.

- (c) Outline of the general history of German life and culture from the times of the Roman Imperium and the Völkerwanderung until the 18th century. Class lectures are given.

Recommended for background reading:

- Robertson, J. G., *History of German literature* (Blackwood, 1947).  
 Barraclough, G., *Factors in German history* (Blackwell, 1946).  
 Tacitus, *On Britain and Germany* (Penguin).  
 Ehrismann, G., *Geschichte der dt. Literatur bis zum Ausgang des Mittelalters* (München, 1932).  
 Barrow, R. H., *The Romans* (Pelican).  
 Golther, W., *Die dt. Literatur im Mittelalter, 800-1500* (Stuttgart, 1922).  
 Scherer, W., *Geschichte der dt. Literatur* (opening chapters cover the period. Also exists in translation.).  
 Allen, P. S., *Medieval Latin lyrics* (Chicago, 1931).  
 Richey, M., *Essays on the medieval German love lyric* (Blackwell, 1943).  
 Waetzoldt, Wilhelm, *Dürer* (Phaidon Press).  
 Stammler, W., *Von der Mystik zum Barock* (Stuttgart, 1951).  
 Hankamer, P., *Deutsche Gegenreformation und deutsches Barock* (Stuttgart, 1935).  
 Closs, A., and Mainland, W. F., *German lyrics of the 17th century* (Duckworth, 1940).  
 Schiller, J. F., *Geschichte des dreissigjährigen Kriegs* (any edition; exists also in translation).  
 Bruford, W. H., *Germany in the 18th century* (Cambridge University Press).

- (d) Study of selected periods of German literature: class lectures are given.

Text-books:

Fiedler, *Oxford book of German verse*.  
Fiedler, *Oxford book of German prose*.

Books set for reading:

Schiller, *Die Räuber* (any edition).  
Goethe, *Egmont* (Harrap).  
Keller, *Romeo und Julia auf dem Dorfe* (Harrap).  
Storm, *Der Schimmelreiter* (Methuen).  
Mann, T., *Tonio Kröger* (Blackwell).  
Schweitzer, A., *Selections* (Macmillan).

Recommended for reading in conjunction with set books:

Schiller, *Die Räuber* (edition with introduction by L. A. Willoughby—available in German Department).  
Pascal, R., *The German Sturm und Drang* (Manchester University Press, 1953).  
Bennett, E. K., *The German Novelle* (C.U.P., 1949).  
Hatfield, J. T., *Thomas Mann* (N.Y., 1951).  
Schweitzer, A., *Goethe, Vier Reden* (Beck'sche Verlagsbuchhandlung, Munich).

- (e) Candidates must satisfy a conversation test.

#### 42. German II.

- (a) Translation from German into English and from English into German, including unseen passages as well as passages from set texts.

- (b) Phonetics. Grammar.

Recommended for reference: Russon (see German I); Eggeling (see German I).

- (c) The German Lyric: 1770-1955. Class lectures are given. Typescript texts of lyrics to be studied will be distributed.

Recommended for general study:

Goethe's Poems (Blackwell).  
Pascal, R., *The German Sturm und Drang* (M.U.P., 1953).  
Praver, S. S., *German Lyric Poetry* (Routledge, 1952).  
Kluckhohn, P., *Das Ideengut der deutschen Romantik* (Handbücherei der Deutschkunde nr. 8).  
Breul, K., *The romantic movement in Germany* (Heffer, 1927).  
Kunz, J., Eichendorff, Höhepunkt und Krise der Spätromantik.  
Butler, E. M., *Rilke*, (C.U.P., 1941).  
Morwitz, E. W., *Die Dichtung Stefan Georges* (Godesburg, 1948).  
Forster, L. W., *German Poetry 1944-48* (Bowes and Bowes, 1949).

- (d) History of German Literature from 1780-1850: class lectures are given.

Text-book:

Fiedler, *Oxford books of German verse and prose*.

Books set for reading:

Goethe, *Iphigenie auf Tauris* (Harrap).  
Goethe, *Faust* (Part I) (Harrap).  
Schiller, *Wilhelm Tell* (Harrap).  
Kleist, *Der Zerbrochene Krug* (Macmillan, 1950).  
Hoffmann, *Der Goldene Topf* (Blackwell).  
Grillparzer, *König Ottokars Glück und Ende* (Blackwell).  
Büchner, *Dantons Tod* (Insel-Verl).  
Hebbel, *Herodes und Mariamne* (Blackwell).

Recommended for background reading:

Thomas, R. H., *Classical ideal in German literature, 1775-1805* (Bowes and Bowes, 1939).  
Butler, E. M., *Tyranny of Greece over Germany* (C.U.P., 1935).  
Trevelyan, H., *Goethe and the Greeks* (C.U.P., 1941).  
Bruford, W. H., *Theatre, drama and audience in Goethe's Germany* (Routledge, 1950).  
Pascal, R., *The German Sturm und Drang* (Manchester University Press, 1953).  
Fairley, B., *A study of Goethe* (O.U.P., 1948).

- Strich, F., *Goethe und die Weltliteratur* (Bern, 1945).  
 Stahl, E. L., *Dramas of Heinrich von Kleist* (Blackwell, 1948).  
 von Wiese, B., *Das deutsche Drama von Lessing bis Hebbel* (Hamburg, 1948).  
 Korff, H. A., *Geist der Goethezeit* (Leipzig, 1923-).  
 Haym, R., *Die romantische Schule* (Reprinted, 1949).  
 Kluckhohn, P., *Die deutsche Romantik* (Bielefeld, 1924).  
 Korff, H. A., and Linden, W., (ed.) *Aufriss der deutschen Literaturgeschichte* (Leipzig, 1932).  
 Breul, K., *Romantic movement in German literature* (Heffer, 1927).  
 Gooch, G. P., and others, *The German mind and outlook* (Chapman, 1944).  
 Purdie, E., *Hebbel* (O.U.P.).  
 Hebbel, C. F., *Ein Wort über das Drama* (in most collected editions).  
 Hofmannsthal, H. von., *Grillparzers Politisches Vermächtnis* (In Prosa III of Gesamtausgabe).  
 Staiger, E., *Essay on König Ottokars Glück und Ende in Meisterwerke Deutscher Sprache* (Atlantis Verlag, Zürich).

(e) Candidates must satisfy a conversation test.

#### 43. German III.

- (a) Translation from English into German and German essay.  
 (b) Translation from German into English and stylistic appreciation.  
 Recommended for general study:  
 Kutscher, *Stilkunde der deutschen Dichtung* (1951).  
 Reiners, *Stilkunst* (München, 1950).  
 (c) The German Novel 1800-1954: class lectures are given.  
 Books set for reading:  
 Novalis, *Heinrich von Ofterdingen* (ed. P. Kluckhohn, 1953).  
 Keller, G., *Der Grüne Heinrich* (O.U.P.).  
 Stifter, A., *Der Nachsommer* (Droemer, München).  
 Hesse, H., *Narziss und Goldmund* (Manesse Verlag, or Suhrkamp, Frankfurt am Main).  
 Richter, H. W., *Sie Fielen aus Gottes Hand* (Kurt Desch Verlag, Munich).  
 (d) Survey of political and economic history of Germany, 1815-1955; class lectures are given.  
 Recommended for background reading:  
 Burrell-Smith, G., *Germany 1815-1890* (in German Department).  
 Barraclough, G., *Factors in German history* (Blackwell).  
 Meyer, A. O., *Bismarck* (Koehler, Stuttgart, 1949).  
 Mowrer, E., *Germany puts the clock back* (Penguin).  
 Clark, R. T., *The Decline of the Weimar Republic* (in German Department).  
 Butler, R., *The roots of National Socialism* (Faber and Faber, 1941).  
 Wuessing, F., *Geschichte des deutschen Volks 1789-1919* (Schulz, Berlin, 1947).  
 (e) Candidates must satisfy a conversation test.

#### 48. German for the Honours Degree of B.A.

Students taking the Honours course in German are required:

- i. to pass in German I, German II, and German III;
  - ii. to do additional Honours work in the Second and Third years and to pass in both parts of the Interim Honours course;
  - iii. to pass in three other courses, preferably English I (or IA) or French I, and Philosophy I;
  - iv. to devote the fourth year to Honours work in literature and philology.
- Under (ii) students in their second year must pass, at Honours standard, the course (d) of German III.

During the third year, students must pass, at Honours standard, course (c) of German II, and a course on German literature from the time of the Reformation until the end of the Thirty Years' War. For the latter the following texts are necessary:

- Luther, M., *An den Christlichen Adel deutscher Nation* (available in most Luther editions and in Luther's Reformatorische Schriften, ed. P. Merker, Deutsche Bibliothek, Berlin).
- Murner, T., *Von den grossen lutherischen Narren* (available in Reclams Dt. Lit in Entwicklungsreihen, and in Sammlung Göschen, Nr. 7).
- Sachs, H., *Selections* (Blackwell, 1950).
- Das Volksbuch von Dr. Faust* (any edition available).
- Grimmelshausen, C., *Der abenteuerliche Simplicissimus* (Reclam).
- Schiller, J. F., *Geschichte des dreissigjährigen Kriegs* (in most collected editions).

Under (iv) students must pass, at Honours standard, course (c) of German III and a course of Middle High German and philology.

Books set for reading for course in Middle High German and philology:

- Das Nibelungenlied* (Brockhaus, Leipzig, 1947).
- Gottfried von Strassburg, *Tristan und Isolde* (Blackwell).
- Walther von der Vogelweide, *Selected poems* (Blackwell).
- Hartmann von Ouwe, *Der Arme Heinrich* (Blackwell).

Recommended for background reading:

- Wright, J., *Middle High German Primer* (Clarendon Press).
- Ehrismann, G., *Geschichte der dt. Literatur bis zum Ausgang des Mittelalters* (München, 1932).
- Golther, W., *Die dt. Literatur im Mittelalter A.D. 800-1500* (Stuttgart, 1922).
- Weber, G., *Gottfried von Strassburgs Tristan und Isolde und die Krise des mittelalterlichen Weltbilds um 1200*.
- Richey, M., *Essays on the Mediaeval German love lyric* (Blackwell, 1943).
- Palmer, L. B., *An introduction to modern linguistics* (Macmillan, 1936).
- Bodmer, M., *Loom of language* (Allen and Unwin, 1945).
- Jespersen, K., *Language* (Allen and Unwin, 1922).
- Bach, A., *Geschichte der deutschen Sprache* (Heidelberg, 1949).
- Behaghel, O., *Die deutsche Sprache* (Leipzig, 1907).
- Kirk, A., *Introduction to the historical study of New High German* (Manchester U.P., 1948).
- Priebsch, R., and Collinson, *The German language* (Faber, 1948).
- Tonnelat, *Histoire de la langue allemande* (Paris, 1946) (English translation of original ed., 1935).
- Childe, V. G., *The Aryans* (Kegan Paul, 1926).
- Hirt, H., *Die Indogermanen* (Strassburg, 1905-7).
- Meillet, A., *Introduction à l'étude comparative des langues indo-européennes*
- Meillet, A., *Caractères généraux des langues germaniques* (Paris, 1917).
- Marstien, K., *Die Germanen* (Berlin, 1928).
- Schirmer, A., *Deutsche Wortgeschichte*. (Sammlung Göschen 929, Berlin, 1949).
- Kluge, F., *Etymologisches Wörterbuch* (Strassburg, 1915-).
- Walshe, M. O'D., *Concise etymological dictionary* (Kegan-Paul, 1951).

Students who have obtained the permission of the Faculty to combine German with another subject for the Honours degree will be excused some Honours work during their course of study.

The final examination will comprise the following papers:

- (i) Translation into German.
- (ii) Translation of unseen passages from German into English.
- (iii) Essay.
- (iv) Middle High German and philology.
- (v) German history.
- (vi) Literature I.
- (vii) Literature II.
- (viii) Literature III.

Paper iii will be wholly in German. Papers vi, vii and viii will be partly in German. There will be an oral examination comprising tests in conversation, discussion of texts and literary history.

## 49. Scientific German

Time on two courses, as indicated in (a) and (b).

- (a) This course, open to members of staff, research students and all third and fourth year science students, consists of two lectures weekly throughout the year. The aim of the course is to ensure fluency in reading German and in translation from German into English. *No previous knowledge of the language is required.* A complete grammatical survey is made and for translation a large varied selection of scientific texts is used. These are distributed during the course.

Text-books:

- Rosenberg, J., *German, how to speak and write it* (Odhams, London).  
 Rosenberg, A., and Horwood, E. K., *German for science students* (F. Cheshire, Melb.).  
 Wichmann, K., *Pocket dictionary of the German and English languages.*

(A preliminary meeting will be held to arrange times of lectures.)

- (b) This course of one lecture weekly throughout the year is open to all who have previously attended the above course. It is also open to those members of staff, research students and third and fourth year science students who have some previous knowledge of German.

Text-book:

- Barker, M. L., *German for sixth form and adult beginners* (W. Heffer, Cambridge).

(A preliminary meeting will be held to arrange times of lectures.)

## HISTORY AND POLITICS

Attention is drawn to the fact that History and Politics are now distinct Departments, with an Honours course available in each. Students are also reminded that they may, after consultation with the Professors concerned, take an Honours course combining History and Politics either with each other or with other subjects such as Economics, or Geography, or English.

## HISTORY

There are five courses in this School: History IA, IB, IIA, IIB and III. Except by special permission of the Faculty of Arts, History I (A or B) or Politics I or Social Economics or Economics I must be completed before other courses are taken; and History II (A or B) must be completed before History III is taken.

The books recommended are not intended to be an exhaustive list. Lectures and books are intended to supplement each other. Written work, in the form of exercises and essays, is set during the year, and this is taken into account as well as the results of the annual examinations.

## 51. History IA.

## The Making of Modern Europe.

A first-year course; no pre-requisite; available to exempted students.

A survey of European History from the Renaissance to the French Revolution.

Students should procure:

Fisher, H. A. L., *A history of Europe* (Arnold).

Other useful books are:

Robinson, J. H., and Beard, C. A., *Development of modern Europe*, Vol. I (Ginn).

Wells, H. G., *The outline of history* (Cassell).

Pollard, A. F., *Factors in modern history* (Constable).

Hearnshaw, F. J. C. (ed.), *Social and political ideas of some great thinkers of the Renaissance and Reformation* (Harrap).

*Cambridge modern history*, Vols. V and VI.

Eversley, G. J. S. L., and Chirol, V., *The Turkish empire, 1228-1924* (Unwin).

- Bain, R. N., *Slavonic Europe: Poland, Russia, 1447-1796* (C.U.P.).  
 Phillips, W. A., *Poland* (Williams and Northgate).  
 Svanstrom, R., and Palmstierna, C. F., *Short history of Sweden* (O.U.P.).  
 Altamira, C. R., *History of Spanish civilization* (Constable).  
 Jamison, E. M., and others, *Italy, medieval and modern* (O.U.P.).  
 Bertrand, L. M. E., *Louis XIV* (Longmans).  
 Madelin, Louis, *The French Revolution* (Heinemann).  
 Thompson, J. M., *Leaders of the French Revolution* (Blackwell).  
 Fisher, H. A. L., *Napoleon* (Home University Library).  
 Sargent, A. J., *Economic policy of Colbert* (Longmans).  
 Tawney, R. H., *Religion and the rise of capitalism* (Pelican).  
 Robinson, J. H., and Beard, C. A., *Readings in modern European history* (Ginn).

### 52. History IB.

#### World History

A first-year course; no pre-requisite; available to exempted students.

This is a broad survey of human history designed for students who do not propose to take further courses in History. It will sketch, in broad outline, human development from early times.

Students should procure:

- Weech, W. N. (ed.), *History of the world* (Odhams).  
 Wells, H. G., *The outline of history* (Cassell, new edition).

Other useful books are:

- Turner, R., *The great cultural traditions* (McGraw Hill).  
 Breasted, J. H., *Ancient times* (Ginn).  
 Myres, J. L., *Dawn of history* (Williams and Norgate).  
 Childe, G., *What happened in history* (Penguin).  
 Fairgrieve, J., *Geography and world power* (London Univ. Press).  
 Marvin, F. S., *The living past* (O.U.P.).  
 Fisher, H. A. L., *History of Europe* (Arnold).  
 Robinson, J. H., *Medieval and modern times* (Ginn).  
 Rayner, R. M., *European history 1648-1789* (Longmans).  
 Robinson, J. H., and Beard, C. A., *Development of modern Europe* (Ginn).  
*Cambridge modern history*, Vols. V. and VI (C.U.P.).  
 Ashton, T. S., *The industrial revolution* (H.U.L.).  
 Cole, G. D. H., and Postgate, R., *The common people 1746-1938* (Methuen).  
 Birnie, A., *An economic history of Europe 1760-1930* (Methuen).  
 Carr, E. H., *Soviet impact on the western world* (Macmillan).  
 Carr, E. H., *Nationalism and after* (Macmillan).  
 Hobson, J. A., *Imperialism* (Allen and Unwin).  
 Hudson, G. F., *The Far East in world politics* (Oxford).  
 W. Friedmann, *An introduction to world politics* (Macmillan).

### 53. History IIA.

#### Europe since 1815

A second-year course; pre-requisite: History I (A or B) or Politics I; available to exempted students.

This course will examine the growth of nationalism and liberalism, the development of the major European powers (Germany, France, Italy and Russia), the growth of industrialism in England and Europe, modern imperialism and its effect on national policies, and the attempts at international co-operation since 1914.

Preparatory reading:

- Fisher, H. A. L., *A history of Europe* (Arnold).  
 Ayerst, D. G. O., *Europe in the nineteenth century* (C.U.P.).  
 Temperley, H. W. V., and Grant, A. J., *Europe in the nineteenth and twentieth centuries* (Longmans).

Other useful books:

- Lipson, E., *Europe in the nineteenth and twentieth centuries* (Black).  
 Halevy, E., *History of the English people in the nineteenth century*, 6 vols. (Benn).  
 Knowles, L. C. A., *Economic development in the nineteenth century* (Routledge).

- Mowat, R. B., *The states of Europe 1815-1871* (Arnold).  
 Mowat, R. B., *The concert of Europe 1871-1914* (Macmillan).  
 Rostow, W., *British economy in the nineteenth century* (Oxford Clarendon Press).  
 Hobson, J. A., *Imperialism* (Constable and Co.).  
 Temperley, H., and Gooch, G. P., *British documents on the origin of the war 1898-1914* (H.M.S.O., London).  
 Robinson, J. H., and Beard, C. A. (ed.), *Readings in modern European history*, 2 vols. (Ginn).  
 Postgate, R. W. (ed.), *Revolution from 1789-1906* (Richards).  
 Brogan, D. W., *Development of modern France 1870-1939* (Hamilton).  
 Keynes, J. M., *Economic consequences of the peace* (Macmillan).  
 Laski, H. J., *Reflections on the revolution of our time* (Allen and Unwin).  
 Oakeshott, M. J., *The social and political doctrines of contemporary Europe* (C.U.P.).  
 de Ruggiero, G., *History of European liberalism* (Oxford).  
 Horrabin, J. F., *Atlas of European history* (Gollancz).  
 Gooch, G. P., *History of modern Europe 1878-1919* (Cassell).  
 Temperley and Penson, *Foundations of British foreign policy 1792-1902* (C.U.P.).  
 Temperley and Penson, *A century of blue books* (C.U.P.).  
 Fromm, E., *Fear of freedom* (Paul, French, Taubner and Co.).  
 Friedmann, W., *Crisis of the national state* (Macmillan).  
 Laski, H. J., *Rise of European liberalism* (Allen and Unwin).  
 Clapham, J. H., *Economic development of France and Germany 1815-1914* (C.U.P.).  
 Scott, J.F., and Baltzby, A., *Readings in European history since 1814* (Appleton, Century Crofts, N.Y.).  
 Carr, E. H., *The twenty years' crisis* (Macmillan).

#### 54. History IIB.

##### Economic History

A second-year course; pre-requisite: History (A or B) or Politics I or Social Economics or Economics I; available to exempted students.

After a brief examination of the characteristic features of medieval economy, this course will proceed to discuss in more detail the agrarian and industrial changes of the era of great industry, with its attendant social dislocations in the 19th and 20th centuries. Special attention will then be given to the economic development of the U.S.A. and Australia.

Students should procure:

- Ashley, Sir William, *The economic organisation of England* (Longmans).  
 Kirkland, E. C., *A history of American economic life*. Revised edition (Crofts).  
 Shaw, A. G., *Economic development of Australia* (Longmans).

Other useful books are:

- Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic documents* (Bell).  
 Lipson, E., *The economic history of England* (Macmillan).  
 Nussbaum, F. L., *A history of the economic institutions of modern Europe* (Crofts).  
 Heaton, H., *Economic history of Europe* (Harper).  
 Birnie, A., *Economic history of the British Isles* (Methuen).  
 Slater, O., *The growth of modern England* (Constable).  
 Shann, E., *The economic history of Australia* (M.U.P.).  
 Fitzpatrick, B., *The British Empire in Australia* (O.U.P.).  
 Coghlan, T. A., *Labour and industry in Australia* (O.U.P.).  
 Wright, C. W., *Economic history of the United States* (McGraw-Hill).  
 Williamson, H. F., *The growth of the American economy* (Prentice Hall).  
 Berle, A. A., and Means, G. C., *The modern corporation and private property* (Harper).  
 Manning, T. C., and Potter, D. M., *Government and the American economy*, 2 vols. (Holt).

Commager, H. S. (ed.), *Documents of American history, 1492-1949* (Crofts and Co.).

*Historical statistics of the U.S.A., 1789-1945.*

Clark, C. M. H., *Select documents in Australian history 1788-1850* (Angus and Robertson).

Rostow, W. W., *British economy of the 19th century* (O.U.P.).

### 55. History III.

#### The Pacific

A third-year course; pre-requisite: History II (A or B); available to exempted students only in special circumstances.

Students should procure:

Vinacke, H. M., *A history of the Far East in modern times* (Appleton, Century Crofts).

Fitzgerald, C. P., *Revolution in China* (Cresset Press).

Useful books are:

Shepherd, J., *Australia's interests and policies in the Far East* (I.P.R.).

Eckel, P., *The Far East since 1500* (Harrap).

Hudson, G. F., *The Far East in world politics* (O.U.P.).

Pratt, J. T., *The expansion of Europe into the Far East* (Sylvan Press).

Norman, E., *Japan's emergence as a modern power* (I.P.R.).

Furnivall, J. S., *Netherlands India* (C.U.P.).

Emerson, R., Mills, L. A., and Thompson, V., *Government and nationalism in South East Asia* (I.P.R.).

Griswold, A. W., *The Far Eastern policy of the United States* (Harcourt, Brace).

Yanaga, C., *Japan since Perry* (McGraw-Hill).

James, D. H., *Rise and fall of the Japanese empire* (Allen and Unwin).

Reischauer, E. O., *The United States and Japan* (Harvard).

Ball, Macmahon, *Nationalism and communism in East Asia* (M.U.P.).

Brant, C., Schwartz, B., and Fairbanks, J., *A documentary history of Chinese communism* (Allen and Unwin).

Kennan, G., *American diplomacy 1900-1950* (Secker and Warburg).

### 58. History for the Honours Degree of B.A.

Students who wish to take an honours course in History will be required:

- (a) To pass in History IA or IB, History IIA or IIB, and History III 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, and in four 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 before the beginning of lectures in their second year's work.

### 59. History for the Degree of M.A.

Candidates for the degree of M.A. in History are advised to consult the Professor at the earliest opportunity.

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## POLITICS.

There are four courses in this School: Politics I, II, IIIA and IIIB.

Except by special permission of the Faculty of Arts, Politics I must be completed before Politics II is taken; Politics II completed before Politics IIIA is taken; and either History II (A or B) or Politics II completed before Politics IIIB is taken.



The books recommended are not intended to be an exhaustive list; they are suggestions as to how the lectures should be supplemented. Essays and written exercises are regarded as an integral part of the courses, and students will be allowed to sit for the annual examinations only if their written work has been satisfactory.

### 61. Politics I.

#### Constitutions in the Making.

A first-year course; no pre-requisite; available to exempted students. This course will devote a term to each of the following topics:

- (a) constitutional developments in Britain up to 1688 (with special attention to the political conflicts of the 17th century);
- (b) developments in Britain since 1688 (with special attention to the growth of cabinet government and political democracy);
- (c) the growth of the Australian constitution (with some reference to the development of Dominion status and the British Commonwealth).

Preliminary reading:

Mackenzie, K. R., *The English parliament* (Pelican).  
Barker, E., *Britain and the British people* (Oxford).

Students should procure:

Taswell-Langmead, T. P., *English constitutional history* (10th ed., Sweet and Maxwell).

Jennings, W. L., *The British Commonwealth of Nations* (Hutchinson).

Other useful books are:

- Keir, D. L., *Constitutional history of modern Britain, 1485-1937* (Black).  
Thompson, F., *Short history of parliament, 1295-1642* (Univ. Minnesota).  
Pollard, A. F., *Evolution of parliament* (Longmans).  
Pollard, A. F., *Factors in modern history* (Constable).  
Neale, J. E., *Elizabeth I and her parliaments, 1559-81* (Cape).  
Tanner, J. R., *English constitutional conflicts of the 17th century* (C.U.P.).  
Tanner, J. R., *Tudor constitutional documents, 1485-1603* (Cambridge).  
Tanner, J. R., *Constitutional documents of the reign of James I, 1603-25* (C.U.P.).  
Gardiner, S. R., *Constitutional documents of the Puritan revolution, 1625-1660* (Oxford).  
Costin, W. C., and Watson, J. S., *The law and working of the constitution: documents, 1660-1914* (2 vols., Black).  
Woodhouse, A. S. P. (ed.), *Puritanism and liberty* (Dent).  
Wolfe, D. M., (ed.), *Leveller manifestos of the Puritan revolution* (Nelson).  
Schenk, W., *The concern for social justice in the Puritan revolution* (Longmans).  
Gooch, G. P., *Political thought from Bacon to Halifax* (Oxford).  
Allen, J. W., *English political thought, 1603-60* (Methuen).  
Laski, H. J., *Political thought in England: Locke to Bentham* (Oxford).  
Barker, E., *Political thought in England, 1848-1914* (Oxford).  
Trevelyan, G. M., *The English revolution* (Oxford).  
Williams, B., *The Whig supremacy* (Oxford).  
Emden, C. S., *The people and the constitution* (Oxford).  
Smellie, K. B., *A hundred years of English government* (Duckworth).  
Jennings, W. L., *Cabinet government* (Cambridge).  
*Cambridge history of the British empire, Vol. VII* (Australia).  
Dawson, R. MacG., *The development of dominion status, 1900-36* (Oxford).  
Wheare, K. C., *The statute of Westminster and dominion status* (Oxford).  
Mansergh, N., *The Commonwealth and the nations* (R.I.A.).  
Shiels, D., (ed.), *The British Commonwealth—a family of peoples* (Odhams).

### 62. Politics II.

#### The Modern Democratic State.

A second-year course; pre-requisite: Politics I, or History I (A or B), or Social Economics or Economics I; available to exempted students.

This course discusses both the theory and the institutions of modern parliamentary democracies. It will be concerned mainly with the general principles

of the British and Australian constitutions, but it also includes some reference to the U.S.A. and other countries.

Preliminary reading:

- Wheare, K. C., *Parliaments and politics* (Bureau of Current Affairs).  
 Jennings, W. I., *The Queen's government* (Pelican).  
 Sawyer, G., *Australian government today* (Melb. Univ. Press).

Students should procure:

- Soltau, R. H., *Introduction to politics* (Longmans).  
 Crisp, L. F., *The parliamentary government of the commonwealth of Australia* (Longmans).  
 Lindsay, A. D., *The essentials of democracy* (Oxford).  
 Crossman, R. H., *Government and the governed* (Christophers).

Other useful books are:

- Strong, C. F., *Modern political constitutions* (Sidgwick and Jackson).  
 Jennings, W. I., *The British constitution* (Cambridge).  
 Friedrich, C. J., *Constitutional government and democracy* (Ginn).  
 Finer, H., *Theory and practice of modern government* (Methuen).  
 Brogan, D. W., *The American political system* (Hamish Hamilton).  
 Wheare, K. C., *Modern constitutions* (Oxford).  
 Wheare, K. C., *Federal government* (Oxford).  
 Greenwood, C., *The future of Australian federalism* (Melb. Univ. Press).  
 Sawyer, G. (ed.), *Federalism—an Australian jubilee study* (Cheshire).  
 Brady, A., *Democracy in the dominions* (Univ. Toronto Press).  
 Overacker, L., *The Australian party system* (O.U.P.).  
 Hocking, W. E., *Freedom of the press* (Univ. Chicago Press).  
*Royal commission on the press, Report* (H.M.S.O., 1949).  
 Lippmann, W., *Public opinion* (Macmillan).  
 Laski, H. J., *A grammar of politics* (Allen and Unwin).  
 Laski, H. J., *Liberty in the modern state* (Allen and Unwin).  
 Tawney, R. H., *Equality* (Allen and Unwin).  
 Schumpeter, J. A., *Capitalism, socialism and democracy* (Allen and Unwin).  
 Lindsay, A. D., *The modern democratic state* (Oxford).  
 Barker, E., *Reflections on government* (Oxford).  
 Woolf, L., *After the deluge* (3 vols., Hogarth Press).  
 Oakeshott, M., *Social and political doctrines of contemporary Europe* (Cambridge).

### 63. Politics IIIA.

#### Government and Public Administration.

A third-year course; pre-requisite: Politics II; not available to exempted students.

This course will consist of a study of the machinery of government, with particular reference to the social and economic functions of the modern state, and to the administrative problems involved. It will discuss, in some detail, the civil service (its structure and functions, the principles and problems of its organisation) and will consider this and other topics within a general framework of comparative government.

Books:

Texts and other reading references will be suggested at the beginning of term.

### 64. Politics IIIB.

#### World Politics.

A third-year course; pre-requisite: Politics II or History II (A or B); not available to exempted students.

This course will consist of an inquiry into the breakdown of the European system of nation-states under the pressure of nationalism and imperialism; an analysis of the concepts of power politics and the balance of power; a study of the League of Nations and the United Nations (with its specialized agencies); and, finally, a discussion of such dynamic factors in international relations as the awakening of Asia and the conflict of ideas and interests between the U.S.A. and the U.S.S.R.

Preliminary reading:

Wight, M., *Power politics* (R.I.I.A.)

Students should procure:

Friedmann, W., *Introduction to world politics* (Macmillan).

Carr, E. H., *Nationalism and after* (Macmillan).

Other useful books are:

Taylor, A. J. P., *The struggle for mastery in Europe, 1848-1918* (Oxford).

Gathorne-Hardy, G. M., *Short history of international affairs, 1919-35* (Oxford).

Carr, E. H., *The twenty years' crisis, 1919-39* (Macmillan).

Carr, E. H., *The conditions of peace* (Macmillan).

Nicolson, H., *Peacemaking, 1919* (Constable).

Zimmern, A. E., *The League of Nations and the rule of law* (Macmillan).

Cobban, A., *National self-determination* (Oxford).

Friedmann, W., *The crisis of the national state* (Macmillan).

Hawtrey, R. G., *Economic aspects of sovereignty* (Longmans).

Namier, L. B., *Diplomatic prelude* (Macmillan).

Hasluck, P., *Workshop of security* (Cheshire).

Schuman, F. L., *International politics* (5th ed., McGraw-Hill).

Morgenthau, H. J., *Politics among nations* (Knopf).

Schwarzenberger, G., *Power politics* (Stevens).

Carr, E. H., *The Soviet impact on the western world* (Macmillan).

Schlesinger, R., *The spirit of post-war Russia* (Dobson).

Moore, B., *Soviet politics—the dilemma of power* (Harvard).

Deutscher, I., *Stalin—a political biography* (Oxford).

Deutscher, I., *Russia after Stalin* (Hamish Hamilton).

Rostow, W. W., *The dynamics of Soviet society* (Secker and Warburg).

Beloff, M., *Foreign policy of Soviet Russia* (Oxford).

Kennan, G. F., *American diplomacy, 1900-1950* (Secker and Warburg).

Morgenthau, H. J., *American foreign policy* (Methuen).

Dean, V. M., *Foreign policy without fear* (McGraw-Hill).

Cheever, D. S., and Haviland, H. F., *American foreign policy and the separation of powers* (Harvard).

Editors of Fortune, *U.S.A.—the permanent revolution* (Heinemann).

Ball, W. M., *Japan—enemy or ally?* (Cassell).

Report: *Atlantic alliance* (R.I.I.A.)

Report: *Britain and the U.S.A.—problems in co-operation* (R.I.I.A.).

#### 68. Politics for the Honours Degree of B.A.

Students who wish to take an honours course in Politics will be required:

- (a) To pass in Politics I, Politics II, Politics IIIA and IIIB, as prescribed for the Ordinary degree;
- (b) To attend such tutorial groups as are arranged in connection with these courses;
- (c) To pass in Social Economics (or Economics I), History II (A or B) and in two other courses as prescribed for the ordinary degree of B.A.;
- (d) To be able to translate from French, German or Italian;
- (e) To spend the fourth year on special honours work (including seminar discussions and the writing of a thesis) to be arranged after consultation with the Professor.

Students intending to take honours are requested to interview the Professor as soon as possible, and not later than the beginning of lectures in their second year.

#### 69. Politics for the Degree of M.A.

Candidates for the degree of M.A. in Politics are requested to consult the Professor at the earliest opportunity.

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### PHILOSOPHY

There are five courses in this school. Philosophy I is an introduction to Logic and Metaphysics and Moral and Political Philosophy. Philosophy IIA and Philosophy IIIA are respectively second and third year courses on Logic and Metaphysics, Philosophy IIB and IIIB are respectively second and third year courses

in Moral and Political Philosophy. Philosophy I is a pre-requisite for Philosophy IIA or IIB, Philosophy IIA is a pre-requisite for Philosophy IIIA, and Philosophy IIB is a pre-requisite for Philosophy IIIB.

#### 71. Philosophy I.

The course of lectures is given every year and is completed in one year.

Prescribed books:

- Plato, *Republic* (Everyman).
- Descartes, *Discourse on method, meditations* (Everyman).
- Stebbing, L. S., *A modern elementary logic* (Methuen).

#### 72. Philosophy IIA.

The course of lectures is given every year and is completed in one year.

Prescribed books:

- Locke, *Essay concerning human understanding* (abridged edition, O.U.P.).
- Berkeley, *Principles of human knowledge, three dialogues between Hylas and Philonous* (Everyman).
- Hume, *Treatise of human nature, book I* (Everyman).
- Tarski, A., *Introduction to logic* (O.U.P.).

#### 73. Philosophy IIB.

The course of lectures is given every year and is completed in one year.

Prescribed books:

- Hobbes, *Leviathan* (Everyman).
- Butler, *Sermons* (edited by W. R. Matthews; Bell).
- Mill, *Utilitarianism* (Everyman).

#### 74. Philosophy IIIA.

The course of lectures is given every year and is completed in one year. Subjects of examination will be the topics discussed in the following books:

- Frege, *Foundations of arithmetic* (translated by J. L. Austin—Blackwell).
- Wittgenstein, L., *Tractatus logico-philosophicus* (Routledge and Kegan Paul).
- Ryle, G., *The concept of mind* (Hutchinson).
- Wittgenstein, L., *Philosophical investigations* (Blackwell).

#### 75. Philosophy IIIB.

The course of lectures will be given every year and will be completed in one year. Subjects of examination will be the topics discussed in the following books:

- Plato, *Philebus* (translated by Hackforth—C.U.P.).
- Hume, *Treatise on human nature, book III* (Everyman).
- Moore, G. E., *Principia ethica* (C.U.P.).
- Toulmin, S. E., *The place of reason in ethics* (C.U.P.).
- Hare, R. M., *The language of morals* (O.U.P.).
- Locke, *Civil government* (Everyman).
- Rousseau, *Social contract* (Everyman).
- Hegel, *Philosophy of right* (translated by T. M. Knox, O.U.P.).
- Popper, K. R., *The open society and its enemies* (Routledge).

#### 78. Philosophy for the Honours Degree of B.A.

In addition to study at a deeper level of the work required for the Ordinary Degree courses 71, 72, 73, 74 and 75, candidates are expected to show knowledge of the following works:

- Kant, *Critique of pure reason* (translated by N. Kemp Smith—Macmillan).
- Kant, *Groundwork of the metaphysics of ethics* (translated by H. J. Paton under the title *The moral law*—Hutchinson).

And of the topics dealt with in the following works:

- Stevenson, C. L., *Ethics and language* (Yale).
- Whitehead and Russell, *Principia mathematica*, 2nd edition (introduction only) (C.U.P.).
- Prior, A. N., *Formal logic* (O.U.P.).
- Ryle, G., *Dilemmas* (C.U.P.).
- Kneale, W., *Probability and induction* (O.U.P.).

## 79. Philosophy for the Degree of M.A.

Candidates for the degree of M.A. in Philosophy are required to consult the Professor of Philosophy within the first month of the academic year in regard to the subject and the course of reading for their thesis.

## PSYCHOLOGY

There are three courses in Psychology for the degree of Bachelor of Arts: Psychology I, Psychology II and Psychology III. Each course is given every year and completed in one year. Both Psychology I and either Zoology IB (273) or Neurophysiology (84) are pre-requisite subjects for students proceeding to Psychology II. No student will be admitted to the examination in Neurophysiology unless he has completed the first two terms' work in either Zoology I (271) or Biology (269).

## 81. Psychology I.

The course will be divided into three parts.

Part (a) The history of psychology with special reference to the issues dividing the different psychological schools.

Text-book:

Woodworth, R. S., *Contemporary schools of psychology* (Methuen).

Recommended reading:

Flugel, J. C., *Hundred years of psychology* (Duckworth).

Murphy, G., *Historical introduction to modern psychology* (Kegan, Routledge and Paul).

Boring, E. G., *History of experimental psychology* (Appleton-Century).

Part (b) General experimental psychology.

Text-book:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).

By the time this part of the lecture course is begun early in the second term, students will be expected to have an acquaintance with the main facts of the anatomy and physiology of the nervous system as outlined in the relevant chapters of an elementary text-book of physiology, e.g.

Best, C. H. and Taylor, N. B., *The living body*, Chs. VIII-XI.

Further recommended reading in general psychology:

A standard introductory text-book in psychology, e.g.

Munn, N. L., *Psychology, the fundamentals of human adjustment* (Harrap).

or

Boring, E. G. Langfeld, H. S., and Weld, H. P. (ed.), *Foundations of psychology* (Wiley), or

Stagner, R., and Karwoski, T. F., *Psychology* (McGraw-Hill).

Further recommended reading in experimental psychology:

Garret, H. E., *Great experiments in psychology* (Appleton-Century).

Crafts, L. W., et. al., *Recent experiments in psychology* (McGraw-Hill).

Part (c) Individual and social psychology.

Recommended reading:

Allport, G. W., *Personality: a psychological interpretation* (Holt).

Anastasi, A. and Foley, J. P., *Differential psychology* (Macmillan).

Cronbach, L. J., *Essentials of psychological testing* (Harper).

Freud, S., *Civilization and its discontents* (Hogarth).

Krech, D. and Crutchfield, R. S., *Theory and problems of social psychology* (McGraw-Hill).

Newcomb, T. M. and Hartley, E. L. (Eds.), *Readings in social psychology* (Holt).

## 82. Psychology II.

A course of two lectures and one two hour laboratory practical session per week in the field of general experimental psychology.

Recommended reading:

(a) Sensation and Perception:

Vernon, M. D., *Further studies in visual perception* (C.U.P.).

Gibson, J. J., *The perception of the visual world* (Houghton-Mifflin).

- (b) Unlearned behaviour, emotion and motivation.  
 Tinbergen, N., *Study of instinct* (O.U.P.).  
 Young, P. T., *Emotion in man and animal* (Wiley).  
 Morgan, C. T. and Stellar, E., *Physiological psychology* (McGraw-Hill).
- (c) Learning:  
 Hilgard, E. R. and Marquis, D. G., *Conditioning and learning* (Appleton-Century).  
 McGeoch, J. A., *Psychology of human learning* (Longmans).  
 Hilgard, E. R., *Theories of learning* (Appleton-Century).
- (d) The higher mental processes.  
 Bartlett, F. C., *Remembering* (C.U.P.).  
 Humphrey, G., *Thinking; an introduction to its experimental psychology* (Methuen).  
 Piaget, J., *The Child's conception of the world* (Kegan Paul).  
 Hull, C. L., *Hypnosis and suggestibility* (Appleton-Century).
- Reference books:  
 Stevens, S. S. ed., *Handbook of experimental psychology* (Wiley).  
 Woodworth, R. S., *Experimental psychology* (Holt).  
 Guildford, J. P., *Psychometric methods* (McGraw-Hill).

### 83. Psychology III.

The course of lectures and practical work will deal with the following topics: psychological development, personality theory and personality assessment, clinical psychology and psychopathology and social psychology.

There are no prescribed texts for this course but appropriate reading lists will be supplied by the lecturer.

Recommended reading:

- Carmichael, L. (Ed.), *Manual of child psychology* (Wiley).  
 Piaget, J., *Language and thought of the child* (Kegan Paul).  
 Cameron, N. and Margaret, A., *Behaviour pathology* (Houghton Mifflin).  
 Cronbach, L. J., *Essentials of psychological testing* (Harper).  
 Asch, S. E., *Social psychology* (Prentice-Hall).  
 Krech, D. and Crutchfield, R. S., *Theory and problems of social psychology* (McGraw-Hill).

### 84. Neurophysiology.

The lectures and practical work in this subject are those for the third term of Zoology IB (273).

## 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 Geography I as their science subject.

There is also a one-year course, of first-year standard, in Economic Geography, which may not be counted in addition to Geography I and does not qualify for admission to the class in Geography II. It is a compulsory course for students proceeding to the Honours degree of Bachelor of Arts in the School of Economics, and it is recommended for Economics students who wish to present only one course in Geography as part of their plan of study for the Ordinary degree of Bachelor of Economics.

### 91. Geography I.

Survey of physical and human geography. Regional differentiation of the world; physical structure, climate, soils, and natural vegetation patterns; the nature and distribution of population; utilization of land and other resources; relation between economic activities and cultural level of the inhabitants.

**PRACTICAL WORK:** Interpretation of topographic maps; preparation of selected graphs and diagrams. At least two field excursions will be held from which a geographic study of one area is to be prepared.

Text-books:

- James, P. E., and Kline, H. V. B., *Geography of man* (Ginn).  
Pickles, T., *Map reading* (Dent).

Reference books:

- Finch, V. C., and Trewartha, G. T., *Elements of geography, physical and cultural* (McGraw-Hill) (third edition).  
Kellogg, C. E., *The soils that support us* (Macmillan).  
Wells, H. G., *The outline of history* (Cassell).  
Forde, C. D., *Habitat, economy and society* (Methuen).  
Bowman, I., *Pioneer fringe* (American Geographical Society).  
Bygott, J., *Mapwork and practical geography* (University Tutorial Press).  
Russell, R. J., and Kniffen, F. B., *Culture worlds* (Macmillan).  
Davis, D. H., *The earth and man* (Macmillan).  
Wooldridge, S. W., and Morgan, R. S., *The physical basis of geography* (Longmans).  
Vidal de la Blache, P., *Principles of human geography* (Constable).  
Brunhes, J., *Principles of human geography* (new English ed.) (Harrap, 1952).

Other references will be prescribed by the lecturers.

## 92. Geography II.

**A. PHYSICAL GEOGRAPHY:** Further study of physical geography, and an introduction to statistical methods. The inter-relationship of climate with the other factors of the natural landscape—physiography, soils and vegetation—with particular reference to Australia.

**B. REGIONAL GEOGRAPHY:** (North America and Europe to be given in alternate years.) An introductory discussion of the regional concept; regional-economic geography, its basis and function. A general treatment of the physical factors of the environment; physiography, climate and soils, emphasizing their relationship to the development of human activity.

The regional-economic picture of land utilization, including agriculture, industry and commerce; historical factors influencing settlement; an analysis of the current economic activity and national and local policies regarding future development.

**C. PRACTICAL WORK:** The work deals with the preparation of climatic charts and maps, and some statistical handling of climatic material; the study and interpretation of topographic maps; the examination of specimens of rocks and soil profiles; exercises in the use of mapping techniques to be carried out on Saturdays during the year.

Text-books:

- Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (Melb. U.P.).  
White, C. L., and Foscoe, E. J., *Regional geography of Anglo-America* (2nd ed., Prentice-Hall).

Reference books:

- A** Haurwitz and Austin, *Climatology* (McGraw-Hill).  
Leeper, G. W., *Introduction to soil science* (O.U.P., Melb.).  
Cotton, C. A., *Geomorphology* (Whitcombe and Tombs).  
C.S.I.R.O., *The Australian environment* (C.S.I.R.O., Melb).  
**B** Smith, J. R., and Phillips, O., *North America* (Henry Holt).  
Davis, J. S., *The population upsurge in the United States* (Stanford Univ.).  
Putnam, Donald F., *Canadian regions* (Crowell).  
Taylor, Griffith, *Canada* (Methuen).  
**C** Debenham, F., *Map making* (Blackie and Sons).  
Steers, J. A., *An introduction to the study of map projections* (Bickley, Kent, Univ. of London).  
Higgins, A. L., *Elementary surveying* (Longmans, Green and Co.)

Other texts and current publications will be prescribed by the lecturers.

## 93. Geography III.

**A CLIMATIC REGIONS:** The physical factors which determine the pattern of climate on the earth. A critical study of the various attempts at climatic classification in the last century, with particular reference to the classifications of Köppen and Thornthwaite, and the recent climatic work of the Waite Institute.

**B THE GEOGRAPHY OF THE PACIFIC:** The ecology of man in the Pacific region, with special reference to the changes produced by the European peoples over the period 1500-1950. A more detailed study of:

- a. White settlement in the Pacific Tropics.
- b. Eastern and South-Eastern Asia, particularly China, Japan and Indonesia.

**C PRACTICAL FIELD WORK:** A field camp will be held during the first week of the August vacation. Individual research into historical documents and current information.

A Books for reference:

Trewartha, G., *An introduction to weather and climate* (McGraw-Hill).  
Haurwitz and Austin, *Climatology* (McGraw-Hill).

Publications on climatic classification will be prescribed by the lecturer.

B Books for reference:

Weigert, Stefansson and Hanson, *New compass of the world* (Harrap).

Huntington Ellsworth, *Mainsprings of civilization* (Wiley).

Price, A. Grenfell, *White settlers in the tropics* (American Geographical Society Reprint, 1951).

Price, A. Grenfell, *White settlers and native peoples* (Georgian House and C.U.P.).

De Castro, J., *Geography of hunger* (Gollancz).

Beaglehole, J. C., *The exploration of the Pacific* (A. and C. Black).

Forsyth, W. D., *Myth of open spaces* (M.U.P.).

Mair, L. P., *Australia in New Guinea* (Christophers).

Keesing, K. M., *South seas in the modern world* (John Day).

Oliver, D. L., *The Pacific islands* (Harvard).

Freeman, O. W., *Geography of the Pacific* (Wiley).

McDonald, P. H., *Trusteeship in the Pacific* (Angas and Robertson).

East, W. G., and Spate, O. H. K., *The changing map of Asia* (Methuen).

Cressey, G. B., *Asia's lands and peoples* (McGraw-Hill).

Trewartha, G., *Japan, a physical, cultural regional geography* (Univ. of Wisconsin).

Dobby, E. H. G., *South-east Asia* (Univ. of London).

## 95. Economic Geography.

A course of two lectures a week throughout the academic year dealing with the field and function of Economic Geography.

NATURAL ENVIRONMENT—a brief outline.

Elements of the natural landscape, their world distribution and influence upon economic activities; climatic regions and their associated natural vegetation and human occupation.

ECONOMIC ACTIVITIES—A detailed study.

Nature of wants and resources; distribution of population; factors affecting land utilisation; the agricultural economies of the world; agricultural production of the principal foods and raw materials; fisheries of the world; world timber resources and utilisation; mining and industrial power supply; manufacturing industries, the main groups of industry, factors of location, development in Europe, North America, Asia and Australia; transport and trade, with special reference to Australia, Britain and U.S.A.; functions of cities, functional zoning within cities; the economic bases of the main powers of the world, the United Kingdom, the United States of America, the U.S.S.R. and Australia.

Books:

A Prescribed text:

Zimmerman, E. W., *World resources and industries* (Harper, N.Y., 1951 ed.).



## B Reference books:

- Jones, C. F., and Darkenwald, G. G., *Economic geography* (Macmillan).  
 Wadham, S. M. and Wood, G. L., *Land utilization in Australia* (Melb. Univ. Press).  
 Davis, D. H., *The earth and man* (Macmillan).  
 Commonwealth Year Books (Commonwealth Govt. Printer).  
 Bartholomew, *The comparative atlas* (Meiklejohn).

Further selected readings of geographical and other publications will be prescribed by the lecturer.

## 98. Geography for the Honours Degree of Bachelor of Arts.

It is the practice to conduct Interim Honours classes concurrently with third year Geography and Final Honours classes in the fourth year. Detailed arrangements for these classes will depend on enrolments and students are advised to communicate with the Reader-in-Charge of Geography well before the beginning of the academic year.

In addition to attending seminars on special topics, e.g., History of Geographical Thought, Methodology, Cartography, and Regional Geography, Honours students are required to submit a field study on a selected geographical problem.

## DIPLOMA IN EDUCATION

Candidates for the diploma in Education are recommended to take the course as far as possible *pari passu* with their degree course, extending it over four or more years. The diploma may be completed in a single year only by those who have graduated or have completed the prescribed number of degree courses. Candidates who wish to arrange for the extended course are advised to consult the Lecturer in Education regarding the order in which the subjects had best be taken. Lectures are given and examinations held in each subject and part subject every year.

## 101. Education.

The course of lectures is given every year, and is completed in one year.

Subjects of examination:

The lectures on the history and the theory of education.

History of Education.

Students who have done little or no reading in Ancient History are advised to read:

Breasted, J. H., *Ancient times* (Ginn).

Books set:

- Boyd, W., *History of western education* (Black).  
 Quick, R. H., *Essays on educational reformers* (Longmans).

Recommended for additional reading:

- Curtis and Boulwood, *A short history of educational ideas* (Univ. Tutorial Pr.).  
 Monroe, P., *Brief course in the history of education* (Macmillan).  
 Cubberley, E. P., *History of education* (Mifflin).  
 Butts, R. F., *A cultural history of education* (McGraw-Hill).  
 Eby, F., and Arrowood, C. F., *The development of modern education* (Prentice-Hall).  
 Brubacher, *A history of the problems of education* (McGraw-Hill).

Theory of Education.

Books set:

Nunn, T. P., *Education, its data and first principles* (Arnold).

Recommended for additional reading:

- Bagley, W. C., *Educative process* (Macmillan).  
 Washburne, C. W., *Adjusting the school to the child* (World Book).  
 Adler, A., *Education of children* (Allen and Unwin).

Clarke, F., *Freedom in the educative society* (University of London pr.).

Cook, H. C., *Play way* (Heinemann).

Whitehead, *Aims of education* (Williams and Norgate).

#### 105. Hygiene.

This course consists of one lecture a week for three terms. After an introduction on objectives, definitions, and sources of information the subject is divided as follows:

**PERSONAL HYGIENE**—This part includes the hygiene of the skeletal, muscular, respiratory, circulatory, digestive, nervous, endocrine, and genito-urinary systems; the hygiene of the eye, ear, nose, throat, teeth, and skin; and the principles of nutrition and heredity.

**COMMUNITY HYGIENE**—This part includes a reference to public health 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, 107 and 108. Principles of Pre-Primary Education.

The course consists of three parts. Graduates may complete the course in one year, but in general candidates are advised to take it *pari passu* with their degree course, extending the work over three or even four years.

#### 106. PART I.

Pre-primary school aims, organisation and methods with special consideration of the development of children between the ages of 2 and 8.

##### 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).

Lamoreaux and Lee, *Learning to read through experience* (Appleton-Century, 1943).

Isaacs, Susan, *The nursery years* (Routledge and Kegan Paul, 1949).

##### Reference books:

Marion Anderson and others, *Activity methods for children under eight* (Evans).

Montessori, Maria, *Montessori method* (Heinemann).

Schonell, F. J., *Psychology and teaching of reading* (Oliver and Boyd).

Wauchope, M. L., *Let's play with numbers* (Whitcombe and Tombs).

Serjeant, F. Irene, *From day to day in the infant school* (Blackie).

Mellor, Edna, *Education through experience in the infant-school years* (Oxford, Blackwell, 1950).

Schonell, F. T., *Diagnosis of individual difficulties in arithmetic* (Oliver and Boyd).

#### 107. PART II.

Pre-primary school aims, organisation and methods with special consideration of Froebelian principles and their development.

##### Books prescribed for reading:

Hughes, J. L., *Froebel's educational laws for all teachers* (Appleton).

Raymont, T., *History of the education of young children* (Longmans); or

Rusk, R. R., *History of infant education* (Univ. of London pr.).

Strang, R. M., *Introduction to child study* (Macmillan).

Gardner, D., *Testing results in the infants' school* (Methuen).

Highfield, Miriam, *The young school failure* (Oliver and Boyd).

Rand, Sweeney, Vincent, *Growth and development of the young child*. (Saunders, Philadelphia, London).

## 108. PART III.

More advanced consideration of the principles of pre-primary education.

Books prescribed for reading:

- Jersild, A. T., *Child psychology* (Prentice-Hall).  
 Eng, H., *Psychology of children's drawings* (Paul, Trench and Trubner).  
 Gruenberg, B., *Guidance of childhood and youth* (Macmillan).  
 Harris, A. J., *How to increase reading ability* (Longmans).  
 Viola, W., *Child art* (Univ. of London pr.).  
 Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).  
 Scottish Council for Research in Education (1948), *Studies in reading*,  
 Vol. I (Univ. of London pr.).  
 Witty, P., *Reading in modern education* (D. C. Heath and Co.).  
 Washburne, C., *Adjusting the school to the child* (World Book Co.).

## 109, 110 and 111 Principles of Primary Education.

## 109. PART I.

A general survey of primary school aims, organization and methods.

Books prescribed for reading:

- Ellwood, W. H., *A handbook for the elementary school teacher* (Whitcombe and Tombs).  
 Elijah, J. W., and Cole, J. A., *The principles and technique of teaching* (Whitcombe and Tombs).  
 Keith and Robertson, *The principles of arithmetic* (Blackie).  
*Social studies for schools* (Melb. Univ. Pr.).

Reference books:

- Lancelot, W. H., *Permanent learning* (Wiley).  
 Glover, A. H. T., *New teaching for a new age* (Nelson).  
 Education Department of Victoria, *Method of teaching arithmetic* (Govt. Printer, Melbourne).

## 110. PART II.

A study of the historical development of the Primary School in England and South Australia during the nineteenth and twentieth centuries leading to a consideration of the function of the Primary School; a more detailed consideration of aims and methods of teaching and class and school management; educational tests and measurements; typical modern developments in educational practice—visual education, school libraries, individual methods, cumulative records.

Books prescribed for reading:

- Daniel, M. V., *Activity in the primary school* (Blackwell).  
 Sampson, G., *English for the English* (C.U.P.).  
 Great Britain, Board of Education, *Handbook of suggestions for teachers* (1937 ed. or later).  
 Schonell, F., *The psychology and teaching of reading* (Oliver and Boyd).  
 Washburne, C., *Adjusting the school to the child* (World Book Co.).  
 Sussams, T. W., *Poetry and the teacher* (Nelson).  
 Potter, F. F., *The teaching of arithmetic* (Pitman).  
 Keith and Robertson, *The principles of arithmetic* (Blackie).  
 Dray and Jordon, *A handbook of social studies* (Methuen).  
 Social Studies, *Notes supplied from Teachers' College, Adelaide*.

Reference books:

- Hemming, J., *The teaching of social studies in secondary schools* (Longmans, Green and Co.).  
 Dent, *Education in transition* (Routledge).  
 Glassey, W., and Weeks, E. J., *The educational development of children* (Univ. of London Press).  
 Jeffreys, M. V. C., *History in schools* (Pitman).

## 111. PART III.

The function of the primary school considered in relation to the present social background; a comparative study of the English and local systems. Current problems and modern developments in primary education, with some reference to 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.).  
 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).  
 Schonell, F. J., *Diagnosis of individual difficulties in arithmetic* (Oliver and Boyd).  
 Scottish Council for Research in Education (Report No. 21), *The teaching of arithmetic* (U.L.P.).  
 Fleming, C. M., *Research and the basic curriculum* (U.L.P.).

### 112, 113 and 114. Principles of Secondary Education.

The course consists of three parts. Graduates may complete the course in one year, but in general candidates are advised to take it *pari passu* with their degree course, extending the work over three or even four years.

#### 112. PART I.

General survey of school aims, organisations and methods, with special consideration of primary schools.

A more detailed survey of the principles of teaching English, Social Studies, Mathematics, and General Science, with particular reference to primary schools.

Books for reference:

- Scottish Education Department, *Primary education* (H.M.S.O.).  
 Great Britain Board of Education, *Handbook of suggestions for teachers* (H.M.S.O., 1937).  
 Ruediger, *Teaching procedures* (Harrap).  
 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).  
 Victorian Education Department, *Method of teaching arithmetic* (Govt. Printer, Melb.).  
 Harris, Thistle Y., *The teaching of nature study* (A.C.E.R.).

#### 113. PART II.

A general study of secondary school problems and methods, and a more detailed study of the principles of teaching the chief secondary school subjects, together with the necessary historical background and some consideration of "further" education.

Books prescribed for reading:

- Great Britain, Board of Education, *Report of the consultative committee on the education of the adolescent* (Hadow Report) (H.M.S.O.).  
 Great Britain, Board of Education, *Report of the consultative committee on secondary education* (Spens Report) (H.M.S.O.).  
 Great Britain, Board of Education, *Report of the committee of the secondary school examinations council—curriculum and examinations in secondary schools* (Norwood Report) (H.M.S.O.).  
 Great Britain, Board of Education, *Report of the committee on public schools—the public schools* (Fleming Report) (H.M.S.O.).  
 Scottish Education Department, *Secondary education, a report of the advisory council on education in Scotland* (H.M.S.O.).  
*The future of secondary education in Wales* (1949) (Central Advisory Council for Education, Wales).

## 114. PART III.

More advanced course of directed reading, seminar exercises, essays and reviews, embracing:—

- (a) the growth of secondary education in Great Britain during the nineteenth and twentieth centuries.
- (b) a comparison of the systems, aims and problems of secondary education in the leading countries of western Europe, U.S.A. and Australia.
- (c) special consideration of aims and methods of teaching in one approved subject.

## 116 and 117. Educational Psychology.

Candidates are advised to take Part I of this subject as early as possible in their course, and to pass in Psychology I as prescribed for the B.A. degree before beginning Part II.

## 116. PART I.

Introductory course, dealing with the simpler mental processes involved in school work, and their development in children.

Book set:

Hughes, A. G., and Hughes, E. H., *Learning and teaching* (Longmans).

Reference books:

Valentine, C. W., *Psychology and its bearing on education* (Methuen).

Valentine, C. W., *The difficult child and the problem of discipline* (Methuen).

Other references will be given during the course.

## 117. PART II.

More advanced course of lectures on our own conscious life in general as a stream of processes of our meeting with sensory objects in a total objective setting and dealing with them in the way of implicit or explicit thought and physical action; special consideration of our dealing with physical pupils and our ways of experiencing their conscious life; the factors and processes involved in the development of conscious life from blind impulse to volitional life involving a world of laws and values; somewhat more detailed consideration of the experience of handling material objects, learning and remembering, learning to understand and use spoken and written language, thinking, reasoning and explanation, morality, appreciation of beauty, intelligence and other tests, the so-called unconscious in education, group consciousness.

Recommended for reading:

Adler, A., *Education of children* (Allen and Unwin).

Freud, S., *Psychopathology of everyday life* (Unwin).

Knight, A. R., *Intelligence and intelligence tests* (Methuen).

Lambert, R. S., *Propaganda* (Nelson).

Schulz, A. J., *Character and its development* (Hassel).

Schulz, A. J., *Life of a class* (S.A. Teachers' Journal, Oct., 1928).

Thouless, R. H., *Straight and crooked thinking* (English Univ. Pr.).

Wallas, G., *Art of thought* (Cape).

## 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

A candidate may study Music as a subject for the degree of Bachelor of Arts either as a theoretical subject or as a predominantly practical subject, that is to say, the sequence comprises *either* Music IA, IIA and IIIA *or* Music IB, IIB and IIIB.

The pre-requisite subjects are:

As a theoretical subject: Theory at the Sixth Grade and practical at the Fourth Grade of the A.M.E.B. Examinations.

As a practical subject: Theory at the Fourth Grade and practical at the Sixth Grade of the A.M.E.B. Examinations.

#### 121. Music IA.

- (i) Harmony II, as for the second-year course for the Diploma of Associate in Music;
- (ii) History of Music II, as for the first-year course for the Degree of Bachelor of Music.

#### 122. Music IB.

- (i) Practical Study I, as for the first-year course for the Diploma of Associate in Music;
- (ii) History of Music II, as for the first-year course for the Degree of Bachelor of Music.

#### 123. Music IIA.

- (i) Harmony III, as for the first-year course for the degree of Bachelor of Music;
- (ii) Form and Analysis and Literature of Music I, as for the first-year course for the degree of Bachelor of Music;
- (iii) History of Music III, as for the second-year course for the degree of Bachelor of Music.

#### 124. Music IIB.

- (i) Practical Study II, as for the second-year course for the diploma of Associate in Music;
- (ii) Ensemble Playing I, as for the second-year course for the diploma of Associate in Music;
- (iii) History of Music III, as for the second-year course for the degree of Bachelor of Music.

#### 125. Music IIIA.

- (i) Harmony IV, as for the second-year course for the degree of Bachelor of Music;
- (ii) Score Reading and Orchestration I, as for the second-year course for the degree of Bachelor of Music;
- (iii) History of Music IV, as for the third-year course for the degree of Bachelor of Music.

#### 126. Music IIIB.

- (i) Practical Study III, as for the third-year course for the diploma of Associate in Music;
- (ii) Score Reading and Orchestration I, as for the second-year course for the degree of Bachelor of Music;
- (iii) History of Music IV, as for the third-year course for the degree of Bachelor of Music.

#### 141. The History of Thought.

The course consists of a three-year cycle of lectures comprising

- (i) The Ancient World to the Middle Ages;
- (ii) The Renaissance to the Nineteenth Century;
- (iii) The Twentieth Century.

In 1955 about twenty lectures will be given during the first and second terms on "The Twentieth Century"; the lectures will be held at 4 p.m. on Tuesdays in the Mawson Lecture Theatre.

## ECONOMICS

In addition to a one-year course in Social Economics, there are three courses in Economics for the ordinary degrees of Bachelor of Arts and Bachelor of Economics. Each course is 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 the courses in Economics every year as either day or as evening lectures, as follows:

	1955	1956	1957
Economics I	Day	Evening	Day
Economics II	Evening	Day	Evening
Economics III	Day	Evening	Day
Social Economics	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.

Students who passed Economics I prior to 1951 must take Economics II (old course).

## 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 will be given in 1955 as evening lectures. Its scope is as follows:

The economic basis of social welfare, with special reference to national income, population, housing, industries and occupations, unemployment, full employment, international trade, labour and wages, distribution of income and wealth, social security and welfare services.

## Preliminary reading:

Pigou, A. C., *Income* (Macmillan).

## Text-books:

Downing, R. I., *National income and social accounts* (M.U.P.).

Samuelson, P. A., *Economics* (McGraw-Hill) (2nd or later edition).

Tew, M., *Work and welfare in Australia* (M.U.P.).

Commonwealth Bureau of Census and Statistics, *Labour report* (latest issue) (Govt. Printer).

United Nations, *National and international measures for full employment*.

United Nations, *Measures for international economic stability*.

## Reference books:

I.L.O., 31st International labour conference, 1948, report 6A, *Wages*.

Dobb, M. H., *Wages* (C.U.P.).

Phelps Brown, E. H., *A course in applied economics* (Pitman).

Commonwealth Bureau of Census and Statistics, *Census of the Commonwealth of Australia, 30th June, 1947, Statistician's report* (Govt. printer).

Hicks, J. R., *The social framework* (2nd ed.) (O.U.P.).

de Jouvenel, B., *The ethics of redistribution* (C.U.P.).

## 151. Economics I.

This course will be given in 1955 as day lectures. 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.

## Textbooks:

Downing, R. I., *National income and social accounts* (M.U.P.).

Tew, B., *Wealth and income* (M.U.P.).

Samuelson, P. A., *Economics* (McGraw-Hill) (2nd or later edition).

## Reference books:

- Hicks, J. R., *The social framework* (O.U.P.).  
 Dobb, M. H., *Wages* (C.U.P.).  
 Dillard, D., *The economics of J. M. Keynes* (Crosby Lockwood).  
 Tarshis, L., *Elements of economics* (Houghton Mifflin).  
 Robertson, D. H., *The control of industry* (C.U.P.).  
 Ruggles, R., *National income and income analysis* (McGraw-Hill).  
 I.L.O., *31st International labour conference 1948—Report 6.A—Wages*.  
 Stigler, G. J., *The theory of price* (Macmillan).  
 Stonier, A., and Hague, D., *A text-book of economic theory* (Longmans).

Additional references will be prescribed by the lecturers.

## 152. Economics II.

This course will be given in 1955 as evening lectures. 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; control of monopoly.
3. Agricultural organization.

## Text-books:

- Tew, B., *Wealth and income* (M.U.P.).  
 Tew, B., *International monetary co-operation 1945-1952* (Hutchinson).  
 Sayers, R. S., *Modern banking* (3rd ed.) (O.U.P.).  
 Giblin, L. F., *The growth of a central bank* (M.U.P.).  
 Robinson, E. A. G., *Monopoly* (C.U.P.).  
 Andrews, P. W. S., *Manufacturing business* (Macmillan).  
 Beacham, A., *Economics of industrial organization* (Pitman).  
 Cohen, R., *Economics of agriculture* (C.U.P., new ed.).  
 Shepherd, G., *Agricultural price policy* (Iowa State College).

## Reference books:

- Sayers, R. S., *The American banking system* (O.U.P.).  
 Plumptre, A. F. W., *Central banking in the British Dominions* (Univ. of Toronto Pr.).  
 Dacey W. Manning, *British banking mechanism* (Hutchinson's University library).  
 Sayers, R. S. (ed.), *Banking in the British dominions* (O.U.P.).  
 Yamey, B. S., *The economics of resale price maintenance* (Pitman).  
 Steindl, J., *Small and big business* (Blackwell).  
 Andrews, P. W. S., and Wilson, T., *Oxford studies in the price mechanism* (O.U.P.).  
 Chamberlain, E. H. (ed.), *Monopoly and competition and their regulation*.  
 Edwards, C. D., *Maintaining competition* (McGraw-Hill).  
 Monographs of the temporary national economic committee of U.S.A.  
 Ministry of National Development, *The structure and capacity of Australian industries*.  
 Burns, A. R., *The decline of competition* (McGraw-Hill).  
 Chamberlin, E. H., *The theory of monopolistic competition* (Harvard Univ. Pr.).  
 Schultz, T. W., *The economic organization of agriculture* (McGraw-Hill).  
 Crawford, J. G., *Australian agricultural policy* (Univ. of Adel.).

Additional references will be prescribed by the lecturers.

## 152a. Economics II (Old Course).

Students who passed Economics I prior to 1951 must take this course. The course consists of Section 3 of Economics I (151) and Section 2 and 3 of Economics II (152).

In 1955 students should attend one lecture (evening) in Economics II and one lecture (day) in Economics I.

## Text-books:

- Robinson, E. A. G., *Monopoly* (C.U.P.).  
 Andrews, P. W. S., *Manufacturing business* (Macmillan).  
 Beacham, A., *Economics of industrial organization* (Pitman).  
 Samuelson, P. A., *Economics* (McGraw-Hill).



Tew, B., *Wealth and income* (M.U.P.).  
 Downing, R. I., *National income and social accounts* (M.U.P.).  
 Cohen, R., *Economics of agriculture* (C.U.P., new ed.).  
 Shepherd, G., *Agricultural price policy* (Iowa State College).

Reference books:

Hicks, J. R., *The social framework* (O.U.P.).  
 Yamey, B. S., *The economics of resale price maintenance* (Pitman).  
 Steindl, J., *Small and big business* (Blackwell).  
*Monographs of the temporary national economic committee of U.S.A.*  
 Andrews, P. W., and Wilson, T., *Oxford studies in the price mechanism* (O.U.P.).  
 Chamberlain, E. H. (ed.), *Monopoly and competition and their regulation*.  
 Edwards, C. D., *Maintaining competition* (McGraw-Hill).  
 Burns, A. R., *The decline of competition* (McGraw-Hill).  
 Ministry of National Development, *The structure and capacity of Australian industries*.  
 Chamberlin, E. H., *The theory of monopolistic competition* (Harvard Univ. Pr.).  
 Tarshis, L., *Elements of economics* (Houghton Mifflin).  
 Dillard, D., *The economics of J. M. Keynes* (Crosby Lockwood).  
 Ruggles, R., *National income and income analysis* (McGraw-Hill).  
 Schultz, T. W., *Economic organization of agriculture* (McGraw-Hill).  
 Crawford, J. G., *Australian agricultural policy* (Univ. of Adel.).

### 153. Economics III.

The course will be given in 1955 as day lectures. Its scope is as follows:

1. Theory of economic activity and the trade cycle.
2. Wages, the general price level, interest rates.
3. International economics.
4. Public finance.

Exemption from lectures in Economics III is not usually granted.

Text-books:

Keynes, J. M., *General theory of employment, interest and money* (Macmillan).  
 Hansen, A., *Monetary theory and fiscal policy* (McGraw-Hill).  
 Ellsworth, P. T., *The international economy* (Macmillan).  
 League of Nations, *International currency experience*.  
 Tew, B., *International monetary co-operation 1945-52* (Hutchinson).  
 Hicks, U. K., *Public finance* (C.U.P.).  
 United Nations, *National and international measures for full employment*.  
 United Nations, *Measures for international economic stability*.  
 Commonwealth Grants Commission—Latest report.  
 Commonwealth Bureau of Census and Statistics, *Australian balance of payments* (latest issue).

References:

Oxford Institute of Statistics, *The economics of full employment* (Blackwell).  
 Beveridge, Sir W. H., *Full employment in a free society* (Allen and Unwin).  
 Hansen, A., *A guide to Keynes* (McGraw-Hill).  
 von Haberler, G., *Prosperity and depression* (3rd ed.) (League of Nations).  
 Hansen, A., *Business cycles and national income* (Norton).  
 Harris, S. E. (ed.), *The new economics* (Dobson).  
 Hicks, J. R., *A contribution to the theory of the trade cycle* (O.U.P.).  
 Kalecki, M., *Theory of economic dynamics* (Allen and Unwin).  
 Keynes and others, *Readings in theory of international trade* (Allen and Unwin).  
 Klein, L., *The Keynesian revolution* (Macmillan).  
 Lerner, A. G., *Economics of employment* (McGraw-Hill).  
 Schumpeter, J. A., *Capitalism, socialism and democracy* (Allen and Unwin).

- Schumpeter, J. A., and others, *Readings in business cycle theory* (Allen and Unwin).
- Hansen, A., and Clemence, R. V. (eds.), *Reading in business cycles and national income* (Allen and Unwin).
- Wilson, T., *Fluctuations in income and employment* (Pitman).
- Turvey, R., *Wages policy under full employment* (Hodge).
- Hart, A. G., *Money debt and economic activity*
- Economic Commission for Europe, *Survey of Europe since the war* (1953).
- Harrod, R. F., *International economics* (C.U.P.).
- Kindelberger, P., *The dollar shortage* (Wiley).
- Meade, J. E., *Theory of international economic policy*, Vol. I (O.U.P.).
- United Nations, *Measures for the economic development of under-developed countries*.
- Allen, E.D., and Brownlee, O. H., *Economics of public finance* (Prentice-Hall).

Additional references will be prescribed by the lecturer.

#### 156. Economics (for Forestry Students).

This course is given annually for students proceeding to the degree of Bachelor of Science in Forestry, and comprises approximately half of the course of lectures in Economics I, together with a further lecture and tutorial a week specifically on agricultural economics.

The scope of the course 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 outlay and employment.
3. Analysis of factors determining land utilization, land values and rents.
4. Development of the Australian Forestry Industry.
5. Economic problems of agricultural production and marketing with special reference to Australian conditions under the following main headings:
  - (i) Peculiarities of supply and demand.
  - (ii) Domestic and international marketing measures.
  - (iii) Provision of credit.
  - (iv) Land settlement policies.
  - (v) Measures to expand food production.

Textbooks:

- Downing, R. I., *National income and social accounts* (M.U.P.).
- Tew, B., *Wealth and income* (M.U.P.).
- Samuelson, P. A., *Economics* (McGraw-Hill) (2nd or later edition).
- Cohen, R., *Economics of agriculture* (O.U.P.—new edition).

Reference Books:

- Hicks, J. R., *The social framework* (O.U.P.).
- Dillard, D., *The economics of J. M. Keynes* (Crosby Lockwood).
- Ruggles, R., *National income and income analysis* (McGraw-Hill).
- Tarshis, L., *Elements of economics* (Houghton Mifflin).
- Thomas, E., *Introduction to agricultural economics* (Nelson).
- Shepherd, G., *Agricultural price analysis* (Iowa State College).
- Rural Reconstruction Commission, *Reports 1-10*.
- Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (M.U.P.—revised edition).
- Annual reports of the State woods and forests departments* (State Government Printers).
- Crawford, J. G., *Australian agricultural policy* (Univ. of Adel.).
- Publications of the Food and Agricultural Organisation of the United Nations*.

Additional references will be prescribed by the lecturers.

#### 158. Economics for the Honours Degrees of Bachelor of Arts and Bachelor of Economics.

It is the practice to conduct Interim Honours classes concurrently with first, second and third year Economics and Final Honours classes in the fourth year. In addition there is a weekly seminar on current economic problems and special

topics. Detailed arrangements for these classes will depend on enrolments, and students are advised to communicate with the Professor well before the beginning of the academic year. Students will only be admitted to Honours classes if they have the approval of the Professor.

The following are topics covered by lectures:

INTERIM HONOURS:

Theory of value, theory of outlay and employment.

FINAL HONOURS:

Capital and interest, wages, methodology, welfare economics, economic development, economic fluctuations, international economics, pricing theory.

The following books provide a basis for Honours work:

- Hutchison, T. W., *A review of economic doctrines, 1870-1929* (O.U.P.).  
 Marshall, A., *Principles of economics* (8th ed.) (Macmillan).  
 Hicks, J. R., *Value and capital* (O.U.P.).  
 Schneider, E., *Pricing and equilibrium* (William Hodge).  
 Pigou, A. C., *Economics of welfare* (4th ed.) (Macmillan).  
 Scitovsky, T., *Welfare and competition* (Allen and Unwin).  
 Little, I. M. D., *A critique of welfare economics* (O.U.P.).  
 Robbins, L., *The nature and significance of economic science* (Macmillan).  
 Andrews, P. W. S., *Manufacturing business* (Macmillan).  
 Robinson, J., *The economics of imperfect competition* (Macmillan).  
 Chamberlin, E., *The theory of monopolistic competition* (Harvard U.P.).  
 Triffin, R., *Monopolistic competition and general equilibrium theory* (Harvard U.P.).  
 Machlup, F., *The economics of sellers' competition* (John Hopkins Press).  
 Machlup, F., *The political economy of monopoly* (John Hopkins Press).  
 Edwards, C. D., *Maintaining competition* (McGraw-Hill).  
 Wilson, T., and Andrews, P. W. S., *Oxford studies in the price mechanism* (O.U.P.).  
 Lutz, F., and Vera, *The theory of investment of the firm* (Princeton U.P.).  
 Keynes, J. M., *The general theory* (Macmillan).  
 Keynes, J. M., *A treatise on money* (Macmillan).  
 Sayers, R. S., *Modern banking* (3rd ed.) (O.U.P.).  
 Tew, J. H. B., *International monetary co-operation* (Hutchinson's Univ. Library).  
 Giblin, L. F., *The growth of a central bank* (M.U.P.).  
 Meade, J. E., *Theory of international economic policy*, Vol. I (O.U.P.).  
 Kindelberger, P., *The dollar shortage* (Wiley).  
 Hansen, A., *National income and business cycles* (Norton).  
 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).  
*Essays in honour of Alvin Hansen* (Norton).

Additional references to books and journals will be given by the lecturers.

*Examination.*—The Final Honours examination will consist of six papers on the following subjects: value, outlay, money, industrial organisation, international economics, special topics. In addition students must undertake a research project and present a thesis on it of approximately 10,000 words. Students must have the subject of their thesis approved by the Professor of Economics before the end of the academic year preceding their final honours year. Students are expected to work on their project during the long vacation preceding their final honours year and to present a first draft before the end of the first term of that year.

#### 161. Economic Statistics I.

This course will be given in 1955 as evening lectures.

Pre-requisite subject: Economics I or Social Economics, unless the Professor of Economics otherwise determines.

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  $\chi^2$  distributions; linear regression and correlation; time series; sample surveys; quality control; demography; index numbers of prices and volume; national income and social accounts.

Students will be required to prepare class exercises. Permission to sit for the final examination will not be granted unless a satisfactory standard in them has been obtained.

The course is covered in detail in a set of mimeographed notes, which students must obtain from the Department of Economics. In addition students should procure copies of:

Commonwealth of Australia, *National income and expenditure* (latest issue) (Govt. Printer, Canberra).

Commonwealth Bureau of Census and Statistics, *Labour report* (latest issue) (Govt. Printer, Canberra).

Reference books:

Croxton, F. S. and Cowden, D. J., *Applied general statistics*.

Davies, O. L., *Statistical methods in research and production* (Oliver and Boyd).

Hoel, P. G., *Introduction to mathematical statistics* (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).

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).

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.).

Maulden, F. R. E., *The use and abuse of statistics* (Univ. of W.A.).

*Papers presented at the conference of British Commonwealth Statisticians, Canberra, November, 1951* (Govt. Printer, Canberra).

Commonwealth Bureau of Census and Statistics, *Official year book, statisticians report to census 30th June, 1947*, and other official publications.

Additional references will be prescribed by the lecturer.

## 162. Economic Statistics II.

Candidates must have passed in Pure Mathematics I at the higher standard and in Economic Statistics I before taking this course.

Students will be required to prepare class exercises. Permission to sit for the final examination will not be granted unless a satisfactory standard in them has been obtained.

The course will be given in 1955 if sufficient students enrol.

### Syllabus:

The course will be divided into two parts. The first will consist of an introduction to some theoretical concepts in statistics which will be required for the second part of the course. The concepts treated will be: 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 will be an introduction to econometrics. Topics treated will be: exact versus stochastic economic relations; economic structures and structural change; identification of structural parameters; classification of economic variables; some examples of systems of economic relationships and estimation of structural parameters in multiple equation systems.

## Reference books:

No set text-books will be used. Reading will be from journal articles and from the following reference books:

- Mood, A. M., *Introduction to the theory of statistics* (McGraw-Hill).  
 Tinbergen, J., *Econometrics* (Allen and Unwin).  
 Tintner, G., *Econometrics* (John Wiley and Sons).  
 Stone, R., *The role of measurement in economics* (C.U.P.).  
 Klein, L. R., *A text-book of econometrics* (Row, Peterson).

## DIPLOMAS IN COMMERCE AND PUBLIC ADMINISTRATION

As from December 31, 1956, the Diploma in Commerce will be abolished. Those students who had enrolled in the course for that Diploma in or before the year 1952 may, however, complete the course for the Diploma by that date.

It is not proposed, however, that the subjects for this Diploma be continued without amendment during the years 1955 and 1956. Substitute subjects will, however, be approved as follows:

<i>Old Course</i>	<i>New Course</i>
Commercial Law I	Law I*
Commercial Law II	Law II*
Commercial Law III	Law III*
Statistics I	Economic Statistics I
Statistics II and Actuarial Mathematics	Economic Statistics II

\*Provided that a student who has already passed in Commercial Law I or Commercial Law I and II and wishes to proceed to a further course or further courses in that subject shall take such courses in Law as the Dean of the Faculty shall direct.

## 166. Economics (Diploma Course).

A candidate for the Diploma in Public Administration (or Commerce) may take either Economics I (151) or Social Economics (150), the course selected depending for the most part on whether the candidate intends to undertake further studies in Economics. Those who intend, or may wish to proceed to Economics II MUST take Economics I, which is pre-requisite for the course in Economics II; those who do not intend to proceed to Economics II are advised to take the course in Social Economics. It is to be clearly understood, however, that Social Economics will NOT qualify a student to proceed to Economics II.

## 167. Political Institutions.

This course is for candidates who, having enrolled for the Diploma in Public Administration in or before the year 1952, desire to complete their courses for the Diploma under the old regulations. Such candidates must do so before December 31, 1956.

The course comprises the first two terms' lectures in Politics II (62). Students may not count both Political Institutions and Politics II (62) as subjects towards the Diploma in Public Administration (old regulations).

The course will describe the main institutions of modern parliamentary democracies and discuss the general principles of the British and Australian constitutions.

## Preliminary reading:

- Barker, E., *Britain and the British people* (Oxford).  
 Wheare, K. C., *Parliaments and politics* (Bureau of Current Affairs).  
 Sawyer, G., *Australian Government today* (Melbourne Univ. Press).  
 Jennings, W. I., *The Queen's Government* (Pelican).

## Students should procure:

- Soltau, R. H., *Introduction to politics* (Longmans).  
 Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).

Other useful books are:

- Strong, C. F., *Modern political constitutions* (Sidgwick and Jackson).  
 Jennings, W. I., *The British constitution* (Cambridge).  
 Wheare, K. C., *Modern constitutions* (Oxford).  
 Wheare, K. C., *Federal government* (Oxford).  
 Greenwood, G., *The future of Australian federalism* (Melbourne Univ. Press).  
 Hocking, W. E., *Freedom of the press* (Univ. Chicago).  
 Overacker, L., *The Australian party system* (Oxford).  
 Sawyer, G. L. (ed.), *Jubilee symposium on federation* (Cheshires).

#### 168. Public Administration.

The course comprises Politics IIIA (63).

#### 169. Public Finance.

The course consists of about 30 lectures, is offered every alternate year, and is completed in one year. It will be offered in 1955, and will be given if sufficient students enrol.

Pre-requisite subject: Economics I or Social Economics.

The course is concerned with the nature, necessity and extent of Government intervention in enterprise, 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. W., *Public finance* (Nisbet).  
 Campbell, W. J., *Australian State public finance* (Law Book Co. of Australia.)

For reference:

- Reports of the Commonwealth Grants Commission.*  
*Reports of the Commonwealth and State Auditors-General* (for the current year).  
 Other reference books and published articles will be given by the lecturer.

### COMMERCIAL STUDIES.

#### 171. Accountancy I.

Accountancy I is a 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. 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 and 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 statement of capital movements (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., *A philosophy of accounting* (Accountants' Publishing Company).

(b) Text-books:

Goldberg, L., and Hill, V. R., *Elements of accounting* (Accountants' Publishing Company).

Fitzgerald, A. A. (ed.), *Accounting Stage I* (Butterworth).

(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*.

*Some accounting terms and concepts* (C.U.P.).

Sanders, Hatfield and Moore, *A statement of accounting principles* (Amer. Inst. of Accts.).

Paton and Littleton, *An introduction to corporate accounting standards* (Amer. Accounting Association).

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).

Baxter, W. T. (ed.), *Studies in accounting* (Law Book Co.).

Examination: Three 3-hour papers.

### 172. Accountancy II.

Accountancy II is a course in proprietorship accounting and auditing, consisting of two evening lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Except with special permission, to be obtained in writing from the Dean of the Faculty, no student may take the course in Accountancy II until he has passed the final examination in Accountancy I.

The scope of the course is as follows:

(a) *Proprietorship 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 and absorptions; accounts of holding companies and their subsidiaries.

Advanced classification of accounts; form and content of published accounts (advanced); analysis of statements 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 pay-

ment purchases; accounts of trustees, liquidators, receivers and executors; accounts and statements relating to bankruptcy.

(b) *Auditing and professional practice:*

Auditing—classes of audits; internal check systems and their relation to external audits; duties, powers and responsibilities of auditors; the private or impersonal ledger; partnership audits; the audit of a limited company; the law relating to the accounts of companies; divisible profits and dividends; verification of assets; principles of asset valuation; secret reserves; special considerations in different classes of audits; auditors' certificates and reports.

Investigations and reports.

Ethics and etiquette of the accountancy profession.

Books prescribed:

(a) Text-books:

Yorston, Smyth and Brown, *Advanced accounting*, Vols. 1, 2, and 3 (Law Book Co.).

Fitzgerald, A. A. (ed.), *Accounting Stage I* (Butterworth).

De Paula, F. R. M., *Principles and practice of auditing* (7th Australasian Ed., Pitman).

(b) Books for reference:

Fitzgerald, A. A. and G. E., *Form and contents of published financial statements*.

Fitzgerald, A. A., *Analysis and interpretation of financial and operating statements*.

Irish, R. A., *Auditing theory and practice* (Law Book Co.).

Examination: Three 3-hour papers.

### 173. Accountancy IIIA.

Accountancy IIIA is a general course in management accounting, including an introduction to cost accounting and a study of the relationship between accounting method and economic theory. The course consists of two day lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. For purposes of the B.Ec. degree this subject is alternative to Accountancy IIIB and may not be presented with Accountancy IIIB.

The scope of the course is as follows:

(a) *Accounting for management:*

The evolution of management accounting; modern refinements in financial accounting methods; mechanized accounting; principles of business organization; planning and integration of accounting systems; classification for management; reporting to management; operating and financial reports and statements; analysis and interpretation of accounting data; operating ratios; balance sheet relationships; inter-statement relationships; the funds statement or statement of capital movements; analysis of trends; statistical methods as applied to the analysis of accounting reports; business finance.

(b) *Introduction to cost accounting:*

Nature, scope and purpose of cost accounting; cost accounting as an aid to management; terminology of cost accounting; elements of production cost; compilation of cost data—materials, labour, manufacturing expense; mechanization of cost routine; types of cost accounting systems; the relationship between cost and financial records; introduction to standard costs; introduction to business budgets and budgetary control; the incidence of overhead costs; marginal costing; marginal analysis as a guide to price and production policy decisions.

(c) *Accounting theory:*

The relationship between accounting method and economic theory; accounting and economic concepts; the accounting theory of profit measurement contrasted with the economic theory of income determination; conventional accounting assumptions contrasted with the economic theory of the firm; the relationship between output and cost, revenue and profit.



(d) *Accounting for special purposes:*

Accounting for public authorities; the accounts and reports of public corporations; the financial statements of governments; accounting aspects of budgetary reform; accounting for society as a whole; the social accounting framework; accounting aspects of social accounting.

Prescribed books:

## (a) Text-books:

- Schumer, L. A., *Cost accounting* (Accountants' Publishing Co.).  
 Fitzgerald, A. A. and Schumer, L. A., *Classification in accounting* (Butterworth).  
 Fitzgerald, A. A., *Analysis and interpretation of financial and operating statements* (Butterworth).  
 Fitzgerald, A. A., *Statistical methods as applied to accounting reports* (Accountants' Publishing Co.).

## (b) Recommended for reference:

- Paish, F. W., *Business finance* (Pitman).  
 Solomons, D. (ed.), *Studies in costing* (Sweet and Maxwell).  
 Solomon, *Mechanised accounting* (Butterworth).  
 Yorston, Brown and Sainsbury, *Introduction to costing procedures*.  
 Dohr and Inghram, *Cost accounting* (Ronald).  
 Gillespie, *Accounting procedure for standard costs* (Ronald).  
 Clark, J. M., *The incidence of overhead costs* (Accountants' Publishing Co.).  
 Scott, W., *Business budgeting and budgetary control* (Law Book Co.).  
 Brown, S. R., *Costs and prices* (Law Book Co.).

Examinations: Three 3-hour papers.

## 174. Accountancy IIIB.

Accountancy IIIB is a course in management accounting techniques, and in particular, in the practical application of the theory of cost accountancy and budgetary control. The course consists of two evening lectures, each of one hour's duration, and one supplementary lecture and tutorial of two hours' duration a week throughout the academic year. For purposes of the B.Ec. degree this subject is alternative to Accountancy IIIA and may not be presented with Accountancy IIIA.

The scope of the course is as follows:

1. *General:*

Nature, scope and purposes of cost accountancy; relation of cost accountancy to the financial records; principles of business organisation; relationship of cost accountancy to the detailed functions covered in the organisation of a business undertaking; terminology of cost accountancy; types of cost accounting systems; use and adaptation in cost accountancy of journals used in financial accounting records; mechanized accounting.

2. *Preparation of financial statements on the basis of cost accounting records:*

Planning and integration of financial records to provide basis for the preparation of monthly financial statements; control accounts and subsidiary ledgers; preparation of trading and profit and loss accounts on the basis of cost accounting records; preparation of balance sheets on the basis of cost accounting records; use of ratios.

3. *Preparation of cost statements:*

Unit production cost statements; departmental cost statements; process cost statements; labour cost statements; material cost statements; distribution cost statements; administration cost statements; preparation of reports on special cost studies.

4. *Classification and analysis of expenditure:*

Classification into capital and revenue expenditure; classification into production costs, administration costs and distribution costs; classification into material

cost, labour cost and expense; classification into direct costs and indirect costs; classification into fixed costs and variable costs; analysis and classification of distribution costs.

5. *Materials:*

Methods of purchasing, storing, receiving, issuing, handling, pricing and control of materials; design of records necessary to integrate with financial records; stock ledgers and perpetual inventories; control through financial records; methods of taking inventories; treatment of surplus, short, damaged and obsolete stock; classification of materials.

6. *Labour:*

Methods of timekeeping and the allocation of labour charges to costs; methods of remuneration, including piece work and other incentive plans; time and motion study and calculation of efficiencies; principles of personnel management and welfare; treatment of sick and holiday pay and workers' compensation insurance; design of forms required for labour records.

7. *Factory service cost, administration cost and distribution cost:*

Method of classifying, recording and allocation to departments; absorption of factory service cost by products; methods of control and analysis of administration and distribution cost; theory of depreciation, plant and machinery records; utilization of service capacity and idle capacity costs; treatment of over- and under-absorbed factory service cost.

8. *Work in process records:*

Release of work to be carried out in manufacturing undertakings and recording of costs associated with the work released; function of production control and production planning; handling of material; use of cost records as a means of determining unit costs under the various types of cost accounting systems.

9. *Special cost problems:*

By-products and joint products; experimental and developmental costs; patents and copyrights; dies, jigs and patterns; depletion of assets; manufacturing risks and losses associated with manufacturing; break-even point; differential costs.

10. *Standard costs:*

Types of standard cost accounting systems used; establishment of standards; isolation and analysis of variation between actual costs and standard costs; use by management for control purposes of reports prepared on the basis of standard cost records.

11. *Budgets and budgetary control:*

Preparation of budgets; relation of budgets to cost and financial records; use by management of budgets for control of the business undertaking.

Text-books:

Dohr, J. L., and Inghram, H. A., *Cost accounting, principles and practice* (3rd ed., 1946), (Ronald).

Scott, W., *Business budgeting and budgetary control* (Law Book Co.).

Examination: Three 3-hour papers.

181. Law I.

A course of two evening lectures a week and tutorial classes as arranged, dealing with the elements of jurisprudence, the principles of constitutional law, the elements of the law of contracts, and the law relating to sale of goods.

Text and reference books will be prescribed at the beginning of the course of lectures. Notes dealing with the first two topics will be issued by the lecturer.

Text-books:

Sutton and Shannon, *On contracts* (Butterworth).

Mitchell (ed.), *Essays on the Australian Constitution* (Law Book Co.).

## 182. Law II.

The course comprises two evening lectures a week and tutorial classes as arranged throughout the academic year.

The course consists of—

A. Agency, partnership, insurance, negotiable instruments, executors and trustees, wills.

B. Company law and practice.

Prescribed books:

Section A.

Charlesworth, J., *Mercantile law* (Stevens).

Section B.

Charlesworth, J., *Principles of company law* (Stevens).

For reference in each section: such statutes and other references as are mentioned in the typewritten lecture notes issued at the beginning of the year.

## 183. Law III.

The course comprises two evening lectures a week and tutorial classes as arranged throughout the academic year.

The course consists of—

A. Mortgages, bills of sale, hire purchase, arbitration and awards.

B. Law relating to income tax.

C. Bankruptcy law and practice; law of receivers.

Prescribed books:

Section A.

Dean, A., *Law relating to hire in Australia* (Law Book Co.).

Section B.

Hannan, *Treatise on the principles of income taxation*.

Section C.

Young, *Bankruptcy law and practice*.

For reference:

Gunn, *Commonwealth income tax law*.

McDonald, Henry, and Meek, *Australian bankruptcy law*.

Kerr on *Receivers*.

## FACULTY OF SCIENCE.

## MATHEMATICS.

There are eight courses in Mathematics for the ordinary degree of B.Sc. The courses may be summarised as follows:

Pure Mathematics I	Pure Mathematics II	Pure Mathematics III
Applied Mathematics I	Statistical Methods	Mathematical Statistics
	Applied Mathematics II	Applied Mathematics III

Pure Mathematics and Applied Mathematics are separate sequences and Statistical Methods and Mathematical Statistics are full second and third year subjects respectively.

A candidate may take any or all of these subjects, provided that if Applied Mathematics I is counted as a subject in his course Applied Mathematics II also is taken.

Candidates who propose to proceed to the degree of B.A. or B.Sc. with Honours in Mathematics are normally required to take Course 216 which is also suitable for candidates who propose to proceed to Honours courses in Physics or Engineering; it is also available to selected students studying for the ordinary degree of B.Sc.

Candidates who wish to take all the second-year courses must consult the Assistant to the Dean of the Faculty of Science (Mr. G. R. Fuller).

**201. Pure Mathematics I.**

The course comprises three lectures and one tutorial class a week and is given annually.

Pre-requisite subjects: Leaving Mathematics, Parts I and II, and a pass in the special examination in Mathematics held in conjunction with the Leaving Examination.

A pass with credit or in Division I in this subject is pre-requisite for the course in Pure Mathematics II or IIA.

Candidates who have passed with credit or at a sufficiently high standard in both papers in Mathematics at the Leaving Honours Examination will be exempted from the course and will be credited with Pure Mathematics I as a subject in their courses for a degree when they have passed the final examination in Course 216 or in Pure Mathematics II or IIA. Other candidates who have passed in Mathematics at the Leaving Honours Examination may be exempted from lectures in the course in Pure Mathematics I. Application for such exemption must be made on the proper form at the time of enrolment for the year's work.

Subjects of examination: The elements of algebra and plane analytical geometry, the mensuration of the simpler solids, the most elementary portions of the differential and integral calculus.

Text-books recommended:

Barnard, S., and Child, J. M., *A new algebra*, Vol. II (Macmillan).  
Durell, C. V., and Robson, A., *Elementary calculus*, Vol. I (Bell).

Students will also require a book of five-figure mathematical tables.

**203. Pure Mathematics II.**

Pre-requisite subject: A pass with credit or in Division I in Pure Mathematics I. The course comprises three lectures and one tutorial class a week, and is given annually.

Subjects of examination:

- (a) The elements of the infinitesimal calculus;
- (b) The elements of plane co-ordinate geometry;
- (c) The elementary theory of complex numbers and determinants.

Text-book recommended:

Courant, R., *Differential and integral calculus*, vol. 1 (Blackie).

**204. Pure Mathematics IIA.**

Pre-requisite subject: A pass with credit or in Division I in Pure Mathematics I. The syllabus is that of the course in Pure Mathematics II (203) adapted to meet the needs of Engineering students.

Text-book:

Caunt, G. W., *Elementary calculus* (O.U.P.).

**205. Pure Mathematics III.**

Pre-requisite subject: Course 216 or a pass in Division I in Pure Mathematics II (203).

The course consists of four lectures and one tutorial class a week.

Subject to slight variations, the course deals with the more elementary aspects of the following topics: Convergence, infinite series, theory of functions of a complex variable, complex integration, functions of several variables, ordinary and partial differential equations, Fourier series; algebraic equations, linear algebra.

Text-books recommended:

Courant, R., *Differential and integral calculus* (2 vols.) (Blackie); or  
Knopp, K., *Theory of functions*, Part I (Tr. by Bagemihl) (Dover Publications, N.Y.); and  
Franklin, P., *A treatise on advanced calculus* (Wiley).

The following books will be found useful for reference:

Churchill, R. V., *Fourier series and boundary value problems* (McGraw-Hill).

La Vallée Poussin, C. J. de, *Cours d'analyse infinitésimale* (2 vols.) (Gauthier).

Hardy, G. H., *Course of pure mathematics* (C.U.P.).

Birkhoff, G., and McLane, S., *A survey of modern algebra* (Macmillan).

### 207. Applied Mathematics I.

Pre-requisite subjects: Leaving Mathematics I and II and a pass in the special examination in Mathematics held in conjunction with the Leaving Examination; a candidate who has not passed in Leaving Physics must take Physics I concurrently with Applied Mathematics I.

The course comprises three lectures and one tutorial class a week and is given annually.

Subjects of examination: Elementary statics and dynamics of a particle and of rigid bodies, elementary hydrostatics, an introduction to vector analysis.

Text-books:

Timoshenko and Young, *Engineering mechanics* (McGraw-Hill).

### 209. Applied Mathematics II.

Pre-requisite subjects: A pass with credit or in Division I in Pure Mathematics I and a pass in Applied Mathematics I.

Students must either have attended or attend concurrently the course in Pure Mathematics II (203) or the first-year Honours course in Pure Mathematics (216).

The course will comprise three lectures and one tutorial class a week and will be given annually.

Subjects of examination: Dynamics of a particle and of rigid bodies, generalised coordinates and Lagrange's equations, theory of vibrations, principle of virtual work, elementary elasticity.

Text-book:

Lamb, H., *Dynamics* (C.U.P.).

### 210. Applied Mathematics IIA.

Pre-requisite subjects: A pass with credit or in Division I in Pure Mathematics I (201) and a pass in Applied Mathematics I (207).

Students must either have attended or attend concurrently a course in Pure Mathematics IIA (204).

This course is compulsory for most Engineering students. The syllabus at present will consist of about two-thirds of that for the course in Applied Mathematics II (209), and candidates will use the same text-book.

### 211. Applied Mathematics III.

Pre-requisite subjects: A pass with credit or in Division I in each of the subjects Pure Mathematics II (203) and Applied Mathematics II (209).

The course will comprise three lectures and one tutorial class a week.

Students desiring to take this course must consult the Professor at the end of the preceding year.

### 213. Statistical Methods.

Pre-requisite subject: Pure Mathematics I (201).

The course, which comprises two lectures and one tutorial class a week, is designed to give an introductory account of the application of statistical methods in the reduction and interpretation of observations derived from experiment, and an elementary treatment of recent developments such as experimental design and statistical quality control.

Text-books recommended:

Davies, O. L. (ed.), *Statistical methods in research and production* (Oliver and Boyd).

Fisher, R. A., *Design of experiments*, 6th ed. (Oliver and Boyd).

Reference-books:

Fisher, R. A., *Statistical methods for research workers*, 10th ed. (Oliver and Boyd).

Tippett, L. H. C., *Methods of statistics*, 2nd ed., rev. and enlarged (Williams and Norgate).

Mather, K., *Statistical analysis in biology* (Methuen).  
 Fisher, R. A., and Yates, F., *Statistical tables for biological, agricultural and medical research*, 2nd ed., rev. and enlarged (Oliver and Boyd).

#### 214. Mathematical Statistics.

Pre-requisite subject: Pure Mathematics III (205); candidates who have not completed this course must take it concurrently with statistical theory.

The course comprises two lectures and one tutorial class a week, and provides an introduction to the theory of mathematical statistics.

Tables and selected books of reference will be made available.

#### 216. First-year Honours Course in Pure Mathematics.

This course comprises three lectures and one tutorial class a week and is given annually. Admission to this course is subject to approval by the Professor in every case.

Pre-requisite subjects: A satisfactory pass in Leaving Honours Mathematics parts I and II, or a pass with credit or in Division I in Pure Mathematics I.

Students who complete the course satisfactorily may, upon written application, be granted status for Pure Mathematics II and will then be eligible to take the course in Pure Mathematics III.

The subjects of examination will be: elementary analysis, differential and integral calculus, the algebra of determinants and matrices, elementary coordinate geometry of two and three dimensions, complex numbers, infinite series.

Text-book recommended:

Courant, R., *Differential and integral calculus*, Vol. I (Blackie).

The following books will be found useful for reference:

Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).

Ferrar, W. L., *Convergence* (O.U.P.).

Hardy, G. H., *Pure mathematics* (C.U.P.).

Tuckey, C. O., and Armistead, W., *Coordinate geometry* (Longmans).

#### 218. Mathematics for the Honours Degree of B.A. and the Honours Degree of B.Sc.

(Each section is intended to represent a year's work in the subject.)

Candidates for the degree of B.A. or B.Sc. with honours in Mathematics are required:

1. To attend the lectures and pass the examinations in the courses:
  - (a) Pure Mathematics I (or obtain exemption therefrom);
  - (b) First-year Honours course in Pure Mathematics;
  - (c) Applied Mathematics I.
2. To attend the lectures and pass the examinations in the courses:
  - (a) Pure Mathematics III;
  - (b) Applied Mathematics II;
  - (c) Statistical Methods;

and take such other courses as may be prescribed by the Professor of Mathematics.

3. (a) To attend the lectures and pass the examination in the course Applied Mathematics III.
- (b) To take such other courses as may be prescribed by the Professor of Mathematics.

4. To attend such honours courses as may be prescribed by the Professor of Mathematics.

The examination is in two parts, which may be taken in the same year, or, preferably, in different years.

A candidate may also be required to write one or more essays before completing his examination.

Candidates may, with the consent of the Professor, vary the course outlined above: for example (a) a candidate who obtains a pass at a sufficiently high standard in Pure Mathematics II (203) may be exempted from the First-Year Honours course in Pure Mathematics; (b) candidates who wish to specialise in Statistics will be allowed to take certain courses in Mathematical Statistics as part of their Honours work.

Candidates for the degree of B.Sc. with Honours in Mathematics may be required to satisfy the Professor that they have a reading knowledge of French and German.

#### 219. Mathematics for the Degree of M.A. and for the Degree of M.Sc.

Candidates for the degree of M.A. or M.Sc. in Mathematics may proceed to the degree by examination, by presentation of a thesis, or both.

If a thesis is presented it may take the form of

- (a) an original contribution to some mathematical subject;
- (b) a report on the present state of some branch of pure or applied mathematics;
- (c) an essay on the pedagogy (at any stage) of the subject;
- (d) an essay on the history of some branch of mathematics.

The degree is not awarded on an essay which is a mere compilation of the work of previous writers; and a candidate may be required to pass an examination in the subject-matter of his thesis.

## PHYSICS

*Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.*

### 221. Physics I.

The course comprises three lectures and three hours' practical work a week, and is given annually.

Subjects of examination:

General physics, including mechanics, acoustics, heat, geometrical and physical optics, electricity, and magnetism.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, and by one of the following textbooks, which should be read concurrently with the lecture course:

Lemon, H. B., and Ference, M., *Analytical experimental physics* (Univ. of Chicago pr.); or

Spinney, L. B., *Text-book of physics* (Macmillan).

Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw-Hill). (This book is recommended for those students who intend to continue beyond Physics I.)

### 222. Physics II, B.Sc. Course.

Pre-requisite subjects: Pure Mathematics I (201) and Course 221.

The course comprises three lectures and six hours' practical work a week, and is given annually.

Subjects of examination:

General physics, including mechanics, heat, physical optics, electricity and magnetism, and elementary atomic physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, together with the subject matter of Lemon, H. B., and Ference, M., *Analytical experimental physics* (Univ. of Chicago pr.), or Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw-Hill), or Starling, S. G., and Woodall, A. J., *Physics* (Longmans), with special stress on such sections as are more advanced than is demanded for the course in Physics I. Starling and Woodall, *Physics*, will be found useful to those taking Physics III.

Students will also need to read portions of Robertson, J. K., *Introduction to physical optics* (Chapman and Hall), Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill), Crimsehl, E., *Text-book of physics* (Blackie), or other books recommended for the course in Physics III.

The pass list will be published in two divisions, and only students placed in the first division will be permitted to proceed to Physics III.

**223. Physics II, B.E. Course.**

Pre-requisite subjects: Pure Mathematics I (201) and Course 221.

Candidates for the ordinary degree of B.E. in Civil, Electrical, and Mechanical Engineering are required to attend two lectures and one three-hour laboratory class a week of Course 222, embracing work on heat, electricity, magnetism, and mechanics. (See also footnote to the schedules for the courses in Civil, Electrical and Mechanical Engineering.)

Students should read such portions of the books recommended for the B.Sc. course as deal with the subjects indicated above.

**224. Physics III.**

Pre-requisite subjects: Pure Mathematics II (203) and a pass in division I in Course 222.

The course comprises three lectures and a minimum of nine hours' practical work a week. It is given annually.

Subjects of examination: Physics as dealt with in the lecture and laboratory 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).

Tolansky, S., *Introduction to atomic physics* (Longmans).

Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill).

Electrical Engineering Staff of M.I.T., *Applied electronics* (John Wiley).

Starling, S. G., and Woodall, A. J., *Physics* (Longmans).

Houston, R. A., *Introduction to mathematical physics* (Blackie).

**226. Physics for the Honours Degree of B.Sc.**

Pre-requisite subjects: Pure Mathematic II (203) and Course 224.

Candidates must also attend or have attended lectures in Pure Mathematics III (205).

Only candidates who have attained a satisfactory standard in Physics III will be accepted for the honours course. The course comprises supervised practical work and courses of lectures on special subjects.

Students will be expected to be thoroughly familiar with the text-books recommended for the pass degree, and to read such books as may be referred to from time to time.

**MATHEMATICAL PHYSICS****229. Mathematical Physics for the Honours Degree of B.Sc.**

Candidates for the degree of B.Sc. with Honours in Mathematical Physics will be required:

- (a) to cover the same syllabus, in the first two years of the course, as that prescribed for Physics students (see syllabuses Nos. 221 and 222);
- (b) to take in the third year Applied Mathematics III (211), such parts of Pure Mathematics III (205) as are prescribed by the Professor of Mathematical Physics, and Physics III (224) (except that only one term's practical work will be required); and
- (c) to take in the fourth year such lectures taken by Physics and Mathematics Honours students as are prescribed by the Professor of Mathematical Physics, and such lectures as may be given from time to time by the staff of the Department of Mathematical Physics.

Candidates should note that such parts of Physics III and Pure Mathematics III as are prescribed for this course will form a combined third year subject. Candidates will thus qualify for the ordinary degree of B.Sc. before continuing with the Honours degree.

Candidates for the degree of B.Sc. with Honours in Mathematical Physics may be required to satisfy the professor that they have a reading knowledge of French and German.



## CHEMISTRY

## 231. Chemistry I.

The course, which is given annually, consists of three lectures and at least three 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.

Books recommended:

Partington, J. R., *General and inorganic chemistry for university students* (Macmillan); or  
 Pauling, L., *General chemistry* (second edition, Freeman); or  
 Durrant, P. J., *General and inorganic chemistry* (second edition, Longmans); or  
 Garside and Phillips, *Pure and applied chemistry* (Pitman); and  
 Macbeth, A. K., *Organic chemistry* (Longmans).

## 232. Inorganic Chemistry I.

Engineering students, other than those reading Mining, Metallurgical and Chemical Engineering, attend the Inorganic lectures only of Chemistry I (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.

## 233. Inorganic and Physical Chemistry II.

Pre-requisite subjects: Physics I (221) and Chemistry I (231). Prospective students of Inorganic and Physical Chemistry III (237) are also recommended to have taken Pure Mathematics I (201).

The course, which is given annually, consists of three lectures and not less than eight 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.

Students are expected to provide their own set of analytical weights.

Books recommended:

\*Glasstone, S., *Text-book of physical chemistry* (Macmillan); or  
 Moore, W. J., *Physical chemistry* (Prentice-Hall); or  
 Taylor, H. S., and Taylor, H. A., *Elementary physical chemistry* (van Nostrand); and  
 \*Moeller, T., *Inorganic chemistry* (Wiley); or  
 \*Partington, J. R., *Text-book of inorganic chemistry* (Macmillan); or  
 Partington, J. R., *General and inorganic chemistry for university students* (Macmillan); and  
 Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans); and  
 Vogel, A. I., *Text-book of qualitative chemical analysis* (Longmans).

Books marked \* are preferred for prospective students of Inorganic and Physical Chemistry III (237).

## 235. Organic Chemistry II.

Pre-requisite subject: Chemistry I (231).

The course, which is given annually, consists of two lectures and eight hours' practical work a week throughout the three terms of the year.

The lectures deal with the chief families of aliphatic and aromatic compounds and with theoretical questions arising out of such study.

Books recommended:

Macbeth, A. K., *Organic chemistry* (Longmans); or  
 Fieser, L. F., and Fieser, M., *Text-book of organic chemistry* (Heath); or  
 Karrer, P., *Organic chemistry* (Elsevier); and  
 Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans); and  
 Openshaw, H. T., *Qualitative organic analysis* (C.U.P.).

Book marked \* is preferred for prospective students of Organic Chemistry III (239).

**237. Inorganic and Physical Chemistry III.**

Pre-requisite subjects: Inorganic and Physical Chemistry II (233) and Pure Mathematics I (201). Students may be exempted from Pure Mathematics I provided that the Professor of Inorganic and Physical Chemistry is satisfied with the standard of their mathematical knowledge. Students are also recommended to have taken Organic Chemistry II (235), but this is not obligatory.

The course, which is given annually, consists of three lectures and at least twelve hours' practical work a week throughout the three terms of the year.

The lectures deal with molecular structure; theoretical chemistry, including an introduction to wave mechanics; 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.

Books recommended:

Glasstone, S., *Text-book of physical chemistry* (Macmillan); and  
Coulson, C. A., *Valence* (O.U.P.); and  
Moeller, T., *Inorganic chemistry* (Wiley).  
Partington, J. R., *Text-book of inorganic chemistry* (Macmillan); and  
Emeléus, H. J., and Anderson, J. S., *Modern aspects of inorganic chemistry*  
(second edition, Routledge).

Reference books:

Syrkin, Y. K., and Dyatkina, M. E., *Structure of molecules* (Butterworth).  
Pauling, L., *The nature of the chemical bond* (Cornell U.P.)  
Wells, A. F., *Structural inorganic chemistry* (O.U.P.).  
Daniels, F., and others, *Experimental physical chemistry* (McGraw-Hill).  
King, A., *Inorganic preparations* (Murby).

**238 Physical Chemistry III, B.E. course.**

Pre-requisite subjects: Inorganic and Physical Chemistry II (233) and Pure Mathematics I (201).

Students of Metallurgy and Chemical Engineering attend part only of Course 237.

**239. Organic Chemistry III.**

Pre-requisite subject: Organic Chemistry II (235). Students are also recommended to have taken Inorganic and Physical Chemistry II (233), but this is not obligatory.

The course, which is given annually, consists of three lectures and at least twelve hours' practical work a week throughout the three terms of the year.

The lectures deal with the electronic theory of organic chemistry and its application to the mechanisms of organic reactions; the chemistry of heterocyclic compounds, including the study of natural products; the chemistry of alicyclic compounds, terpenes and sugars; and stereochemistry.

Books recommended:

\*Karrer, P., *Organic chemistry* (Elsevier); and  
Badger, G. M., *The aromatic compounds* (C.U.P.); and  
Vogel, A. I., *Practical organic chemistry* (Longmans); and  
Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans); and  
Buchanan, C., and others, *Separation and identification of organic compounds* (U.L.P.).

Reference books:

Wheland, G. W., *Advanced organic chemistry* (Wiley).  
Wheland, G. W., *Theory of resonance* (Wiley).  
Alexander, E. R., *Principles of ionic organic reactions* (Wiley).

**241. Honours Inorganic and Physical Chemistry.**

Pre-requisite subjects: Courses 231, 233, 235, 237, 239.

The course, which is given annually, will consist of lectures and seminars in advanced Inorganic and Physical Chemistry and such lectures in Organic Chemistry, Mathematics and Physics as the Professor of Inorganic and Physical Chemistry

may deem necessary. All time not devoted to lectures and seminars will be given to laboratory work.

Students may be required to satisfy the Professor that they have a reading knowledge of French and German.

Books recommended:

Those for the Ordinary Degree, and in addition other reference books, a list of which will be published in the Department of Chemistry.

#### 243. Honours Organic Chemistry.

Pre-requisite subjects: Courses 231, 233, 235, 237, 239.

The course, which is given annually, will consist of lectures and seminars in advanced Organic Chemistry and such lectures in Inorganic and Physical Chemistry as the Professor of Organic Chemistry may deem necessary. All time not devoted to lectures and seminars will be given to laboratory work.

Students may be required to satisfy the Professor that they have a reading knowledge of French and German.

Books recommended:

Those for the Ordinary Degree, and in addition, other reference books, a list of which will be published in the Department of Chemistry.

### AGRICULTURAL CHEMISTRY

#### 245. Agricultural Chemistry.

A course of two lecture-tutorials and a minimum of six hours' practical work a week extending over three terms, comprising selected sections of Agricultural Chemistry I (362) and II (372) for students of Agricultural Science. (This course is held at the Waite Institute.) Students are expected to provide their own set of analytical weights.

Books recommended:

As for Agricultural Chemistry I (362) and II (372).

### GEOLOGY, MINERALOGY AND PALAEOONTOLOGY.

#### 251. Geology I.

A charge of 10s. is made for typewritten synopses of the course.

**LECTURES.**—A course of two lectures a week throughout the academic year dealing with the principles of physical geology, elementary mineralogy and petrology, historical geology.

**PRACTICAL WORK.**—Two one-hour demonstrations a week. In addition students should spend at least two hours a week in individual study in the laboratory. The course deals with the study of geological maps and the examination of crystal models, minerals, rocks and fossils.

**FIELD WORK.**—At least four excursions to places of geological interest near Adelaide. A charge of 25s. for field excursions should be paid on entering for the course.

Books recommended:

For preliminary reading:

Raistrick, A., *Teach yourself geology* (E.U.P.); or  
Read, H. H., *Geology* (H.U.L.).

As text-books:

Holmes, A., *Principles of physical geology* (Nelson); or  
Longwell, C. R., Knopf, A., Flint, R. F., Schuchert, C., and Dunbar, C. O.,  
*Outlines of geology* (Wiley); or  
Scott, W. B., *Introduction to geology*, Part I (Macmillan).

As books of reference:

Rutley, F., *Elements of mineralogy* (rev. by H. H. Read) (Murby).  
Tyrrell, G. W., *Principles of petrology* (Methuen.).  
Clarke, E. de C., Prider, R. T., and Teichert, C., *Elements of geology*  
(Univ. of W.A. bookshop).

## 252. Geology II.

Pre-requisite subject: A pass with credit or in Division I of Geology I.

LECTURES.—This course consists of three lectures per week throughout the year as follows:—

*Crystallography*: The thirty-two crystal classes; stereographic projections.

*Geochemistry* of the commoner elements with emphasis on their minerals.

*Atomic structure* of minerals with special reference to the silicates.

*Petrology*: The origin and mode of occurrence of rocks, igneous, metamorphic and sedimentary. A study of the accepted classifications of rocks.

*Structural Geology*: The principles of Structural Geology.

*Stratigraphy* of Australia.

*Palaeontology*: Nature of organic remains, palaeontological methods, the Phyla of invertebrates and representative Australian fossils.

LABORATORY WORK.—Six hours a week, three of which will be supervised at the stated times.

*Crystallography*: Symmetry, classification and projection of crystals.

*Mineralogy*: Study of minerals in the hand specimen; qualitative micro-chemical analysis; optical mineralogy.

*Petrology*: Identification and classification of rocks in hand specimen and in thin section. Study of the fabric of typical rocks with particular emphasis on the igneous and sedimentary rocks.

*Structural Geology*: Interpretation of geological maps. Solving of structural problems by graphical methods. Principles of photogeology.

*Palaeontology*: Preparation of micro-fossils, study of representative fossil specimens.

FIELD WORK.—A minimum of six days will be spent in the field during the year, including excursions to localities of special interest that are beyond the scope of a single day's outing from Adelaide. When possible a camp will be arranged during vacation time.

APPARATUS.—Students need to provide themselves with the following:

- (a) Apparatus for the mineralogy course, costing in all about £1.
- (b) A petrological microscope of approved pattern. Microscopes can be hired from the department at a fee of £1 11s. 6d. a term.
- (c) Each student is provided with a set of rock slides for the microscope course, which should be returned in good order at the end of the year. A charge of three shillings and sixpence each is made for any slide which the student may break or lose.

Each student is required, on entering the course, to pay to the University Office thirty shillings to defray the cost of requisites (a) and (c), which will be provided by the Department; a refund of his unexpended balance will be made to each student on completion of the course of instruction.

Text-books:

Rutley, F., *Elements of mineralogy* (24th ed., rev. by H. H. Read) (Murby).

Phillips, F. C., *Introduction to crystallography* (Longmans).

Tyrrell, G. W., *Principles of petrology* (9th ed.) (Methuen).

Smith, H. G., *Minerals and the microscope* (Murby).

Hills, E. S., *Outlines of structural geology*, 3rd. ed. 1953.

Woods, H., *Invertebrate palaeontology* (C.U.P., 1947).

Reference books:

Mason, B., *Principles of geochemistry* (Wiley).

Hatch, F. H., *Petrology of the igneous rocks* (9th ed. rev. by Wells, A. K.) (Allen and Unwin).

Wahlstrom, E. E., *Theoretical igneous petrology* (Wiley).

Barth, T. F. W., *Theoretical petrology* (Wiley).

David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).

Lahee, F. H., *Field geology*, 5th ed. (McGraw-Hill, 1952).

## 253. Geology II, B.E. Course.

Students taking the course for the degree of B.E. in Mining and Metallurgy attend lectures and practical work in Course 252 during the first and second terms only.

## 254. Geology III.

Pre-requisite subject: Course 252.

LECTURES.—This course consists of three lectures a week throughout the academic year.

*Crystallography and Mineralogy*: Mathematical relationships in crystals; goniometry; elementary X-ray crystallography; atomic structure and chemical constitution. The theory of optical mineralogy.

*Petrology*: A detailed survey of igneous, sedimentary and metamorphic rocks and a discussion of some of the more intricate problems in the origin and differentiation of rocks.

*Structural Geology*: Advanced studies in structure and tectonics.

*Stratigraphy*: Principles of stratigraphy. Outline of the regional and historical geology of the continents.

LABORATORY WORK.—Students are expected to spend 14 hours a week in the laboratory.

*Crystallography*: Exercises on the measuring, projection and drawing of crystals.

*Optical Mineralogy*: The determination of minerals both in thin section and in grains.

*Petrology*: An extension of the course in Geology II with more emphasis on the metamorphic rocks. Quantitative determination of mineral composition of rocks under the microscope. Microchemical tests as applied to thin sections. The examination of detrital sediments.

*Photogeology*: Exercises in photo interpretation.

FIELD GEOLOGY.—Plane-table, contour mapping; geological surveying. Work in the field will comprise about two weeks.

Text-books:

Wahlstrom, E. E., *Optical crystallography* (Wiley).

Phillips, F. C., *Introduction to crystallography* (Longmans).

Rogers, A. F., and Kerr, P. F., *Optical mineralogy* (McGraw-Hill) (2nd ed.).

Larsen, E. S., and Berman, H., *Microscopic determination of the non-opaque minerals* (U.S.G.S.) (2nd ed.).

Dunbar, C. O., *Historical Geology* (Wiley).

Reference books:

Winchell, A. N., *Elements of optical mineralogy*, Vols. I (4th ed.) and II (3rd ed.) (Wiley).

Harker, A., *Metamorphism* (Methuen) (2nd ed.).

Turner, F. J., and Verhoogen, J., *Igneous and metamorphic petrology* (McGraw-Hill).

Dana, E. S., and Ford, W. E., *Text-book of mineralogy* (Wiley) (4th ed.).

Pettijohn, F. G., *Sedimentary rocks* (Harper).

Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).

Bragg, W. L., *Atomic structure of minerals* (Cornell Univ. pr.).

Krumbein, W. C., and Sloss, L. L., *Stratigraphy and sedimentation* (Freeman, San Francisco, 1951).

Wells, A. K., and Kirkaldy, J. F., *Outlines of historical geology* (Murby).

David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).

Forrester, J. D., *Principles of field and mining geology* (Wiley).

## 256. Mining Geology.

Pre-requisite subjects: Geology I (251) and Geology II, B.E. course (253).

This course completes the requirements in geology and mineralogy for students in Mining Engineering.

Lectures and laboratory work are conducted each year during the third term.

**LECTURES.**—A course of about twenty lectures dealing with the occurrence, distribution and form of mineral deposits, their genetic classification and systematic classification; the mechanics of mineral deposition; the localisation of ore shoots; secondary processes and their results; metallogenetic provinces and epochs; the tenor of ores and the significance of deleterious impurities; sampling and prospecting operations; geological factors in the development of ore and ore finding.

**LABORATORY WORK.**—A course of demonstrations using suites of rock and ore specimens from various mining fields; the examination of ore and gangue minerals by transmitted and reflected light; methods of geological survey in mines and the compilation and use of geological mine maps and sections.

**Text-books:**

- Lindgren, W., *Mineral deposits* (4th ed.) (McGraw-Hill).  
 Bateman, A. M., *Economic mineral deposits* (Wiley).  
 McKinstry, H. E., *Mining geology* (Prentice-Hall).  
 Edwards, A. B. (Ed.), *Geology of Australian ore deposits* (5th Empire Mining and Met. Congress, Vol. I).

**Books of Reference:**

- Short, W. N., *Microscopic determination of ore minerals* (U.S.G.S.).  
 Newhouse, W. H., *Ore deposits as related to structural features* (Princeton Univ. pr.).

**257. Palaeontology.**

The course comprises two lectures and four hours' practical work a week throughout the year, with additional individual work and field excursions. (It will not be given in 1955.)

It deals with structure and classification of fossils, palaeo-ecology, biostratigraphy, economic palaeontology, origin and composition of organic sediments and regional distribution of fossil faunas and floras.

**Text-book:**

- R. C. Moore, C. G. Lalicker and A. G. Fischer, *Invertebrate fossils* (McGraw-Hill).

**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).  
 Romer, A. S., *Vertebrate palaeontology* (2nd ed.) (Chicago, 1950).  
 Arnold, C. A., *An introduction to palaeobotany* (McGraw-Hill, 1947).

To count Palaeontology as a third-year subject for the degree of B.Sc., the candidate must present also Zoology II or Botany II in addition to the normally required number of subjects from Group B.

**258. Geology for the Honours Degree of B.Sc.**

Candidates may choose either Mineralogy and Petrology or Stratigraphy and Palaeontology or Economic Geology as a principal subject, but may also select a subsidiary subject from the other branches. Special courses of reading and laboratory studies will be laid down and each candidate will be required to give all the time not required for lectures or in the field to work in the laboratory. Evidence must be produced of satisfactory original work according to an approved plan. Candidates may be required to satisfy the examiners that they have a reading knowledge of French and German. They must also apply, before the end of the preceding year, for approval of their proposed courses of study.

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**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.

A charge of 7s. 6d. is made for typewritten synopses of the practical course.

I.—A course of two lectures a week throughout the session dealing with the following:

- (i) Elementary morphology, anatomy and physiology of angiosperms.
- (ii) Outline of morphology and reproduction of main classes of plants.
- (iii) Introduction to classification of plants with special reference to local angiosperms; and including elements of floral biology and ecology.
- (iv) Elementary genetics, cytology and evolution. (See syllabus for Genetics.)

II.—PRACTICAL WORK for the above course comprises two periods a week throughout the year.

The lectures are given on Tuesdays and Thursdays at 9 a.m., and the laboratory work takes place at 10 a.m. on the same days.

Text-book:

McLuckie, J., and McKee, H. S., *Australian and New Zealand botany* (Associated General Publications, Sydney).

Students must also possess and learn to use Black, J. M., *Flora of South Australia, Parts I-IV* (Government Printer, Adelaide).

For reference:

Priestley, J. H., and Scott, L. I., *Introduction to botany* (Longmans).

Bonner, J., and Galston, A. W., *Principles of plant physiology* (W. H. Freeman, San Francisco).

## 262. Botany II.

Pre-requisite subjects: Chemistry I (231) and Course 261.

The theoretical course comprises three lectures a week throughout the year. It is divided into four parts as under, delivered in the first, second and third terms.

A. PLANT PHYSIOLOGY (I)—Properties of protoplasm generally; permeability; intake of ions; mineral nutrition; water economy of plants; drought resistance. The lectures in this course pre-suppose a knowledge of Chemistry I and Physics I.

For supplementary reading:

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 elementary classification of the gymnosperms; and the anatomy and histology of the angiosperms.

Text-book:

Eames, A. J., and MacDaniels, L. H., *Introduction to plant anatomy* (2nd ed.) (McGraw-Hill).

C. PLANT GEOGRAPHY AND PLANT ECOLOGY.—The lectures will deal with problems of plant distribution and also in more detail with the ecology of South Australia. The practical work deals with the classification of the angiosperms, and candidates are required to submit a representative herbarium of at least 60 species of South Australian plants collected and named by themselves.

For supplementary reading:

Leeper, G. W., *Introduction to soil science* (Melb. Univ. pr.).

Oosting, H. J., *Plant communities* (W. H. Freeman, San Francisco).

Wood, J. G., *Vegetation of South Australia* (Govt. Printer, Adelaide).

D. GENETICS (Course 296).

PRACTICAL WORK extending over eight hours a week throughout the course is arranged in connection with the lectures. As the best text-books are frequently out of print, the order of preference is given below.

Text-books:

Black, J. M., *Flora of South Australia*, Vols. 1-4 (Government Printer, Adelaide).

and one of the following—

(1) Rendle, A. B., *Classification of flowering plants*, Vol. II. Dicotyledons (C.U.P.).

- (2) Willis, J. C., *Manual and dictionary of flowering plants and ferns* (C.U.P.).  
 (3) Hutchinson, John, *The families of flowering plants. I. Dicotyledons* (Macmillan).

## Reference books:

- Lawrence, G. H. M., *Taxonomy of vascular plants*, 1951 (Macmillan).  
 Bentham, G., *Flora Australiensis* (Reeve).  
 Bailey, L. H., *Manual of cultivated plants* (Macmillan).  
 Hackel, Eduard, *The true grasses* (from "Die Natürlichen Pflanzenfamilien") (Henry Holt).  
 Hutchinson, John, *British flowering plants*. 1948 (Gawthorn).  
 Hill, Albert F., *Economic botany* (McGraw-Hill).  
 Gundersen, A., *Families of dicotyledons* (Chronica Botanica).  
 Dell, E., and Gardner, C. A., *Wild flowers of Western Australia*. Illus. (W.A. Newspapers Ltd.).  
 Camp, W. H., Rickett, H. W., and Weatherby, C. A., *International rules of botanical nomenclature* (Chronica Botanica).  
 Onslow, M. W., *Principles of plant biochemistry* (C.U.P.).

## 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 genetics, cytology and evolution and of practical work in plant physiology, and in addition the course in Mycology 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 five parts as under:

A. PLANT PHYSIOLOGY (II)—Enzymes; pH; carbohydrate metabolism; photosynthesis; respiration; tropisms.

## Text-book:

Bonner, J., *Plant biochemistry* (Academic Press, N.Y.).

B. ANATOMY, MORPHOLOGY AND PHYLOGENY OF THE ALGAE, BRYOPHYTA AND PTERIDOPHYTA.

## Text-book:

Smith, G. M., *Cryptogamic botany*, Vols. I and II (McGraw-Hill).

C. THE BIOLOGY, PATHOLOGY AND CLASSIFICATION OF THE FUNGI.

D. MICRO-ECOLOGY.

E. GROWTH.

PRACTICAL WORK extending over twelve hours a week throughout the course is arranged in connection with the lectures.

## Books of reference:

- Duggar, B., *Fungus diseases of plants* (Ginn).  
 Campbell, D. H., *Structure and development of mosses and ferns* (Macmillan).  
 Chapman, V. J., *Introduction to the study of algae* (C.U.P.).  
 Vaughan, H. C. I. Gwynne-, and Barnes, B. F., *Structure and development of the fungi* (C.U.P.).  
 Heald, F. D., *Manual of plant diseases* (McGraw-Hill).  
 Lucas, A. H. S., and Perrin, F., *Seaweeds of South Australia*, Pts. I and II (Government Printer, Adelaide).  
 Fritsch, F. E., *Structure and reproduction of the algae*, Vols. I and II (C.U.P.).  
 Smith, G. M., *Manual of phycology* (Chronica Botanica).  
 Gortner, R. A., *Outlines of biochemistry* (3rd ed.) (Wiley).  
 Newton, L., *Seaweed utilisation* (S. Low).

## 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. They are expected to spend all the time not neces-



early 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 co-ordinated course in the biology of plants and animals, consisting of two lectures and two periods of practical work a week throughout the year.

1. *General physiology of plants and animals*: Gross morphology of plants and animals; cell structure; chemical and physical characteristics of plant and animal cells; absorption of materials; osmosis; imbibition; respiration (animals, green plants, fungi); energy relationships; assimilation (photosynthesis; tissue building); nutrition in plants and animals; transport; secretion; division of cells; growth; reproduction; movement; tropisms; sensory perception; hormones.

2. *Fundamental histological characters of vertebrates and angiosperms*: Not developed as separate study but in relation to function.

3. *Survey of chief classes of invertebrates and of plants* from viewpoint of evolutionary development of form, structure and life history.

#### 4. Genetics.

Text-books:

Wheeler, W. F., *Intermediate biology* (Heinemann).

Hentschel, C. C., and Ivimey Cook, W. R., *Biology for medical students* (Longmans, Green).

Reference-books:

James, W. O., *Introduction to plant physiology* (O.U.P.).

Godwin, H., *Plant biology* (C.U.P.).

Grove, A. J., and Newell, G. E., *Animal biology* (London Univ. Tut. pr.).

Carlson, A. J., and Johnson, V., *The machinery of the body* (Univ. Chicago Press).

Preliminary Reading:

Students are advised to read Palmer, R., *Living things: an introduction to biology* (Allen and Unwin).

## GENETICS.

### Genetics in Botany I and Zoology I.

About ten 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 peas, his laws of purity of gamete and independent segregation. Linkage and genetical chromosome maps. Physical basis of Mendelian inheritance. Sex linked inheritance. Mutation and selection. Evolution. Relation of genetics to other sciences.

Text-books:

Ford, E. B., *Genetics for medical students* (Methuen).

George, W., *Elementary genetics* (Macmillan).

### 296. Genetics I.

The course consists of one lecture and two hours practical work a week. It may be necessary for students to spend some additional time in the laboratory to attend to their experiments in progress. Basic principles of genetics. Statistical analysis of segregations. Linkage and crossing over and its physical basis. Mitosis and meiosis. Quantitative inheritance. Mutation. Multiple alleles. Sex linkage. Gene action and interaction. Cytoplasmic inheritance. Dauermodifikationen. Differentiation and development. Chimeras. Experimental taxonomy.

Evolution. Breeding systems. Inbreeding and outbreeding. Heterosis. Hybrids. Numerical and structural changes in chromosomes. Apomixis. Speciation. Interspecific barriers. Evolution of sexuality. Economic aspects associated with plant and animal improvement.

Text-books:

- Sinnot, E. W., Dunn, L. C., and Dobzhansky, T., *Principles of genetics* (4th ed.) (McGraw-Hill), or  
 Waddington, C. H., *Introduction to modern genetics* (Allen and Unwin).  
 Mather, K., *Measurement of linkage in heredity* (Methuen).

297. Genetics II.

Pre-requisite subject: Genetics I (296).

The course consists of three lectures a week, practical work and discussion seminars. More advanced aspects of genetics will be studied, including biometrical, microbial, population, physiological and human genetics, more advanced cytology and radiation genetics.

Reference books:

- Dobzhansky, T., *Genetics and the origin of species* (Columbia U.P.).  
 Stebbins, G. L., *Variation and evolution in plants* (Columbia U.P.).  
 Clausen, J., *Stages in the evolution of plant species* (Cornell U.P. and O.U.P.).  
 Catcheside, D. G., *Genetics of micro-organisms* (Pitman).  
 Darlington, C. D., *Recent advances in cytology* (Churchill).  
 Stern, C., *Human genetics* (Freeman).  
 Lea, D. E., *Actions of radiations on living cells* (C.U.P.).  
 Lerner, I. M., *Population genetics and animal improvement* (C.U.P.).  
 Darlington, C. D., *Evolution of genetic systems* (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 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 work will be undertaken. Candidates are expected to spend all the time not necessarily devoted to lectures in the laboratory and are required to attend such lectures and pass such examinations in other subjects as the Professor of Genetics may deem necessary. A course of reading is prescribed by the Professor and candidates may be required to satisfy him that they have a reading knowledge of French and German.

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## ZOOLOGY

EXAMINATIONS.—All examinations in Zoology include both practical and theoretical papers; these cannot be taken separately.

PRACTICAL ZOOLOGY.—A record of all work done in the laboratory must be kept in a suitable notebook; these records will be inspected periodically and at the final examination.

271. Zoology I.

This course includes:

- (a) An introduction to cell physiology.
- (b) Anatomy and physiology of selected invertebrate animals.
- (c) Functional anatomy of vertebrates.
- (d) The elements of comparative embryology.
- (e) The principles of classification; ecology.
- (f) Elementary cytology, genetics and evolution. (See syllabus for Genetics.)

Text-book:

Weimer, B. R., *Man and the animal world* (Wiley).

Students should consult:

Buchsbaum, R. M., *Animals without backbones* vols. I and II (Penguin Books).

- Ramsay, J. A., *A physiological approach to the lower animals* (C.U.P.).  
 Romer, A. S., *Man and the vertebrates* (Univ. of Chicago pr.).  
 Abercrombie, M., Hickman, C. J., and Johnson, M. L., *A dictionary of biology* (Penguin Books).  
 Gerard, R. W., *Unresting cells* (Harper).  
 Marshall, A. M., and Hurst, C. H., *Practical zoology* (Murray).

### 272. Zoology IA.

A course of lectures (two hours a week) and practical work (six hours a week) during the first two terms of the academic year for students in Agricultural Science.

Text-book:

Weimer, B. R., *Man and the animal world* (Wiley).

Students should consult:

- Buchsbaum, R. M., *Animals without backbones*, vols. I and II (Penguin Books).  
 Gerard, R. W., *Unresting cells* (Harper).  
 Marshall, A. M., and Hurst, C. H., *Practical zoology* (Murray).

### 273. Zoology IB.

A course of lectures (two hours a week) and practical work (six hours a week) throughout the year for students in the Faculty of Arts wishing to complete a sequence in psychology. The course is divided into two parts: (a) the course in general zoology as prescribed for students in the Faculty of Medicine, during the first two terms (534), (b) a special course during the third term on the physiology of the central nervous system and the special senses.

Text-books:

- Weimer, B. R., *Man and the animal world* (Wiley).  
 Morgan, C. T., and Stellar, E., *Physiological psychology* (McGraw-Hill).

Students should consult:

- Buchsbaum, R. M., *Animals without backbones*, vols. I and II (Penguin Books).  
 Gerard, R. W., *Unresting cells* (Harper).  
 Marshall, A. M., and Hurst, C. H., *Practical zoology* (Murray).

### Zoology II (274) and III (275).

Pre-requisite subjects: Chemistry 1 (231) and course 271.

The course in Zoology II comprises either A or B below and the course in Genetics (296).

The course in Zoology III comprises either A or B below (whichever is not taken in Zoology II) and additional courses in evolution, theoretical biology, and history of zoology.

#### A.

(Invertebrates; in 1956 and following alternate years.)

The course includes the following subjects: the classification of the major invertebrate phyla, ecology, marine biology, entomology, parasitology, and the comparative physiology of invertebrate animals.

Practical work will be carried out to illustrate principles discussed in the lectures and to acquaint students with some of the more important zoological techniques.

Students will be expected to carry out certain ecological studies in the field.

Text-books:

- Borradaile, L. A., Eastman, L. E. S., Potts, F. A., and Saunders, J. T., *The invertebrata* (C.U.P.).  
 Scheer, B. T., *Comparative physiology* (Chapman and Hall).

For reference:

- Bullough, W. S., *Practical invertebrate anatomy* (Macmillan).  
 Carter, C. S., *Zoology of invertebrates* (Sidgwick and Jackson).  
 Hyman, L. H., *The invertebrates*, vols. I, II and III (McGraw-Hill).

- Elton, C. S., *Animal ecology* (Sidgwick and Jackson).  
 Hesse, R., Allee, W. C., and Schmidt, K. P., *Ecological animal geography* (Chapman and Hall).  
 Imms, A. D., *Outlines of entomology* (Methuen).  
 Wigglesworth, V. B., *Insect physiology* (Methuen).  
 Lapage, G., *Animal parasites* (C.U.P.).  
 Baldwin, E., *An introduction to comparative biochemistry* (C.U.P.).  
 Heilbrunn, L. V., *An outline of general physiology* (Saunders).

## B.

(Vertebrates; in 1955 and following alternate years.)

The course will include the following subjects: the classification of the chordates, embryology and morphogenesis, the functional anatomy of the chordates, animal behaviour, and physical anthropology.

Students will be expected to carry out certain exercises in the field.

Practical work will be carried out to illustrate principles discussed in the lectures and to acquaint students with some of the more important zoological techniques.

## Text-books:

- Young, I. Z., *The life of vertebrates* (O.U.P.).  
 Scheer, B. T., *Comparative physiology* (Chapman and Hall).

## For reference:

- Romer, A. S., *The vertebrate body* (Saunders).  
 Quiring, D. P., *Functional anatomy of the vertebrates* (McGraw-Hill).  
 Leach, W. P., *Functional anatomy of the mammal* (McGraw-Hill).  
 Saunders, J. T., and Manton, S. M., *A manual of practical vertebrate morphology* (O.U.P.).  
 Shumway, W., *Introduction to vertebrate embryology* (Chapman and Hall).  
 Brachet, *Chemical embryology* (Interscience).  
 Russell, E. S., *Behaviour of animals* (Arnold).  
 Tinbergen, N., *The study of instinct* (O.U.P.).

Students will be required also to do additional short courses in evolution, theoretical biology and the history of zoology during their third year of zoology.

## For reference:

- Ford, E. B., *Mendelism and evolution* (Methuen).  
 Simpson, *The meaning of evolution* (Yale Univ. pr.).  
 Lull, R. S., *Organic evolution* (Macmillan).  
 White, M. J. D., *Chromosomes* (Methuen).  
 Dawes, B., *A hundred years of biology* (Duckworth).

## 278. Zoology for the Honours Degree of B.Sc.

Students who wish to take an Honours Degree in Zoology should consult the Professor some time during the third year.

Candidates are expected to attain a higher standard in general zoology than that required for the Ordinary Degree. In addition, they are expected to study more particularly one or two groups or some phase of zoology, and to carry out research work as an exercise in scientific method.

All the time not necessarily devoted to lectures shall be spent in the laboratory. Students may be expected to attend such lectures and pass such examinations as the Professor may require.

A course of reading, which should be commenced during the long vacation prior to the honours year, will be prescribed by the Professor.

Candidates must have some reading knowledge of French and German and are expected to show some skill in abstracting scientific papers and in the preparation of scientific reports.

## BIOCHEMISTRY.

## 281. Biochemistry I.

Pre-requisite subjects: Physics I (221), Chemistry I (231) and either Biology I (269) or the courses in Botany and Zoology presented for first-year medical

students; or any two of the following three subjects: Botany I, Zoology I, Pure Mathematics I.

The course comprises two lectures and six hours' practical work a week for three terms.

**Subject matter:**

The chemistry of carbohydrates, lipids and proteins, and of related products of living matter; the nature and activity of enzymes; the chemistry of digestion; absorption and intermediary metabolism; hormones and vitamins; the composition of special tissues and tissue fluids; energy requirements and control.

The practical work includes qualitative experiments illustrating the properties of the materials dealt with in the lectures, quantitative analysis of urine, blood, milk and gastric contents, and an introduction to the more specialised biochemical techniques.

Text-books (latest editions in all cases):

Mitchell, P. H., *Text-book of biochemistry* (McGraw-Hill).

Harrow, B., *Text-book of biochemistry* (Sanders).

Mitchell, M. L., *Manual of practical biochemistry* (Hassell).

### 282. Biochemistry II.

Pre-requisite subject: Course 281.

The course comprises three lectures a week in the first and second terms and two lectures a week in the third term. The practical work will occupy at least eight hours a week for three terms.

**Subject matter:**

More advanced aspects of some of the subjects dealt with in Biochemistry I, notably intermediary metabolism, hormones and vitamins; nutrition, comparative biochemistry, biophysics, the biochemistry of disease and of genetics; special aspects of bacterial metabolism, of general physiology, of the chemical action of drugs and of applied biochemistry.

The practical work will include the preparation and estimation of substances of biochemical interest; the quantitative study of enzyme reactions, manometry and other special techniques; experiments in nutrition and demonstrations illustrating features of the theory course.

Text-books (latest editions in all cases):

Baldwin, E., *Dynamic aspects of biochemistry* (C.U.P.).

Baldwin, E., *An introduction to comparative biochemistry* (C.U.P.).

Umbreit, W., Burris, R., and Stauffer, J., *Manometric techniques and tissue metabolism* (Burgess Publishing Co., Minn.).

Reference books:

Stevenson, M., *Bacterial metabolism* (Longman).

Albert, A., *Selective toxicity* (Methuen).

Davidson, N., *Biochemistry of nucleic acids* (Methuen).

Butler and Randell, *Progress in biophysics* (Butterworth, Springer).

Sumner, J., and Myrback, K., *The enzymes* (Academic Press, N.Y.).

McElroy, W., *Phosphorus metabolism* (Johns Hopkins Press).

Other references will be supplied during the course.

### 284. Biochemistry for the Honours Degree of B.Sc.

The course extends over three terms.

Pre-requisite subject: Course 282.

Candidates are required to give their full time for at least an entire academic year to a special course of study and laboratory work in the biochemistry laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Biochemistry. They may be required also to satisfy the Professor that they have a reading knowledge of French and German.

Reference books (in addition to those presented for 282):

*Annual reviews of biochemistry* (Stanford University pr.).

Hawk, P. B., et al, *Practical physiological chemistry* (12th ed.) (Churchill).

Haurowitz, F., *Chemistry and biology of proteins* (Academic Press, N.Y.).

- Lemberg, R., and Legge, J., *Haematin compounds and bile pigments* (Interscience).  
 Gale, E. F., *Chemical activities of bacteria* (University Tutorial pr.).  
 Green, D. E., *Mechanisms of biological oxidations* (C.U.P.).  
 Bull, H. B., *Physical biochemistry* (Wiley); or  
 Johlin, J. M., *Introduction to physical biochemistry* (2nd ed.) (Harper).  
 Dixon, M., *Multi-enzyme systems* (C.U.P.).  
*Symposium on the use of isotopes in biology and medicine* (Blackwell).  
 Green, D. E., *Currents in biochemical research* (Interscience).  
 Other reading will be prescribed during the course.

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## PHYSIOLOGY

### 286. Physiology.

Pre-requisite subjects: Physics I (221), Chemistry I (231) and either Biology I (269) or the courses in Botany and Zoology prescribed for first-year medical students or any two of the following three subjects: Botany I, Zoology I, Pure Mathematics I; and Histology (301). Further, students must have completed the first term's work 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. The work includes that prescribed for medical students (Course 547), together with additional lectures, practical work and reading in the subject as prescribed by the professor of Human Physiology.

#### Text-books:

Those recommended under syllabus No. 547.

### 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. They may be required also to satisfy the Professor that they have a reading knowledge of French and German.

#### Text-books:

- Howell's textbook of physiology*, ed. Fulton (W. B. Saunders).  
 Heilbrunn, L. V., *Outline of general physiology* (Saunders).  
 Clark, A. J., *Mode of action of drugs on cells* (Arnold).  
 Eggleton, M. G., *Muscular exercise* (Paul, Trench and Trubner).  
 Burn, J. H., *Methods of biological assay* (O.U.P.).

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## BACTERIOLOGY

Examinations.—All examinations in Bacteriology include both theoretical and practical papers. These cannot be taken separately.

### 291 Bacteriology I.

Pre-requisite subjects: Physics I (221), Chemistry I (231), and either Biology (269) or Botany I (261) and Zoology I (271), or the courses in Botany and Zoology prescribed for first-year medical students.

The course consists of lectures, demonstrations, and practical work for not less than four hours a week during three terms, and deals with:

Morphology, physiology, growth and classification of bacteria; the principles of sterilisation and disinfection; general principles of immunology; rickettsiae and viruses; the bacteriology of milk products, sewage, water, soil and canned foods.

Practical work includes the techniques of staining, cultivation, isolation, and identification of bacteria; a detailed study of organisms from representative bacterial genera; the carrying out of serological tests and the bacteriological examination of dairy products, canned foods, water, sewage and soil.

Text-book:

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity* (3rd ed.) (Arnold).

For reference:

Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (Livingstone).

Waksman, S.A., *Soil microbiology* (Wiley).

Chalmers, C. H., *Bacteria in relation to the milk supply* (Arnold).

### 292. Bacteriology II.

Pre-requisite subjects: Bacteriology I (291), either Biochemistry I (281) or Organic Chemistry II (235).

The course consists of lectures and practical work covering at least twelve hours a week for three terms and deals with:

Cytology, physiology and metabolism of bacteria and yeasts; infection, immunity, epidemiology and serology; disinfection and chemotherapy; industrial microbiology; filtrable viruses; special bacteriological methods useful in diagnosis of disease.

Text-books:

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity* (3rd ed.) (Arnold).

Stephenson, M., *Bacterial metabolism* (3rd ed.) (Longmans); or

Gale, E. F., *Chemical activities of bacteria* (Univ. Tutorial pr.).

For reference:

Breed, R. S., Murray, E. G. D., and Hitchens, A. P., *Bergey's manual of determinative bacteriology* (6th ed.) (Baillière, Tindall and Cox).

Hammer, B. W., *Dairy bacteriology* (Wiley, or Chapman and Hall).

Landsteiner, K., *Specificity of the serological reactions* (2nd ed.) (Thomas, Baltimore).

Prescott, S. C., and Dunn, C. G., *Industrial microbiology* (McGraw-Hill).

Dack, D. M., *Food poisoning* (Univ. of Chicago pr.).

Dubos, R. J., *Bacterial cell* (Harvard Univ. pr.).

Kabat, E. A., and Mayer, M. M., *Experimental immunochemistry* (Charles C. Thomas).

Van Rooyen, C. E., and Rhodes, A. J., *Virus diseases of man* (2nd ed.) (Thomas Nelson and Sons).

Burnet, F. M., *Virus as organism* (Harvard Univ. pr.).

Werkman, C. H., and Wilson, P. W., *Bacterial physiology* (Academic Press inc.)

## ANATOMY AND HISTOLOGY

### 301. Histology (for B.Sc. Ordinary Degree).

This subject extends over the first two terms and consists of two lectures and two practical classes a week.

Term I: Microscopical technique and elements of critical microscopy. The tissues.

Term II: The organs.

At the time of the examination, each student may be required to hand in a book of drawings as a record of observations made on the preparations studied. Each student is provided with a loan set of histological preparations which must be returned at the time of the practical examination.

Text-book:

Maximow, A. A., and Bloom, W., *A textbook of histology* (6th ed., Saunders), or

Ham, A. W., *Histology* (2nd ed., J. B. Lippincott).

Books for further reading and reference will be recommended from time to time during the course. They may be consulted in the Medical Library.

### 303. Vertebrate Anatomy and Morphology for the Honours Degree of B.Sc.

Candidates for the examination must have passed their anatomy and physiology for the degrees of M.B. and B.S.

They will be admitted to examination two years after beginning the course.

The subjects of the examination will be as follows:

1. VERTEBRATE EMBRYOLOGY.—Candidates will be expected to display a good general knowledge of comparative embryology with special reference to any aspect they elect to study more particularly.

2. VERTEBRATE ANATOMY.—Candidates must submit notebooks of their drawings of personal dissections of such representative vertebrate animals as the Professor shall select. Good familiarity with the general evolution of most systems will be expected; candidates may elect one for special study.

3. COMPARATIVE NEUROLOGY.—Candidates must show a good knowledge of evolution in structure and function of the central nervous system in particular.

4. OTHER.—Candidates must be familiar with the general methods and findings of Physical Anthropology, and with the general practical methods employed in biological laboratories. They will be expected to take part in any research work in progress or may be assigned to individual investigations. They should have a reading knowledge of French and German.

## AGRICULTURAL SCIENCE

### 351. Physics.

The course will be that prescribed for Physics I (221).

### 352. Chemistry.

The course will be that prescribed for Chemistry I (231).

### 353. Botany.

The course will be that prescribed for Botany I (261).

### 354. Zoology.

The course will be that prescribed for Zoology IA (272).

### 361. Agriculture I.

A course of lectures and practical work covering the following:

A. History of agriculture; primitive agriculture, traditional agriculture, modern agriculture; the development of agricultural science and experimental method; principles of agronomy.

Population in relation to agricultural development: factors determining world centres of population and agricultural production; population and food supply.

Ecological and physiological factors influencing crop production: ecological optima and crop distribution; limiting factors; crop yields and variability; adaptation.

Agricultural climatology: moisture relationships; temperature and light responses; climatic indices; the classification of climates; homoclimes.

B. The classification and identification of herbage plants; factors governing the distribution and economic value of pasture species; agronomic features of the more important grassland types.

Strain improvement; ecotypical selection; seed certification.

Dynamics of grassland associations; the relation of pastures to environment; establishment and management of seeded pastures; technique of grassland investigations.

The ecology of weeds; methods of weed control.



**362. Agricultural Chemistry I.**

Pre-requisite subject: Chemistry I (231).

A course of one lecture and three hours' practical work a week for three terms taken by second year B.Ag.Sc. students. The lectures will deal with general physical chemistry and will proceed to an account of the historical development of agricultural chemistry together with an introduction to soils and soil-plant inter-relations.

A short essay to be based on the student's reading will be set in second term (optimum 1000 words).

Text-books:

Leeper, G. W., *Introduction to soil science* (Univ. of Melb. pr.).

Firth, J. B., *Physical chemistry* (Univ. of London pr.).

Reference book:

Russell, *Soil conditions and plant growth* (Longmans).

**363. Biochemistry (for the degree of B.Ag.Sc.).**

The course in Biochemistry extends over the three terms of the second year. During the first term and part of the second, candidates attend the same lectures and practical classes in Biochemistry I as B.Sc. candidates (see Syllabus No. 281). In the latter part of the second term and in most of the third term, a separate set of lectures, and some special practical classes, will be given with emphasis on the relation of the subject to animal husbandry.

The subject-matter of the special course of lectures will include:—The chemistry of digestion; animal calorimetry and energy requirements; other dietary factors, including proteins, vitamins and mineral elements; intermediary metabolism; the nature and function of the hormones; special aspects of protein chemistry, related to wool and cereals.

Text-books:

Harrow, B., *Textbook of biochemistry* (4th ed.) (Saunders); or

Mitchell, P. H., *Text-book of biochemistry*, latest ed. (McGraw-Hill).

**364. Botany IIB.**

Students proceeding to the degree of B.Ag.Sc. are required to take as their course in Botany IIB, (i) the same work as science students in Botany II during the first and third terms; (ii) the same work as science students in Botany III during the second term.

A. PLANT PHYSIOLOGY (i)—Properties of protoplasm generally; permeability; intake of ions; mineral nutrition; water economy of plants; drought resistance. The lectures in this course pre-suppose a knowledge of Chemistry I and Physics I.

For supplementary reading:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).

B. PLANT PHYSIOLOGY (ii)—Enzymes; pH; carbohydrate metabolism; photosynthesis; respiration; tropisms.

Text-book:

Bonner, J., *Plant biochemistry* (Academic Press, N.Y.).

C. PLANT GEOGRAPHY AND PLANT ECOLOGY.—The lectures will deal with problems of plant distribution and also in more detail with the ecology of South Australia. The practical work deals with the classification of the angiosperms, and candidates are required to submit a representative herbarium of at least 60 species of South Australian plants collected and named by themselves.

For supplementary reading:

Leeper, G. W., *Introduction to soil science* (Melb. Univ. pr.).

Oosting, H. J., *Vegetation of South Australia* (Govt. Printer, Adelaide).

Wood, J. G., *Vegetation of South Australia* (Govt. Printer, Adelaide).

PRACTICAL WORK extending over six hours per week throughout the course is arranged in connection with the lectures. For text-books and reference books in Systematic Botany see Course 262.

**365. Geology I.**

The course will be that prescribed for Geology I (251).

## 371. Agriculture II.

A course of lectures, reading and demonstrations covering soil and soil management factors influencing crop production.

The soil as a medium for plant growth; requirements of a fertile soil.

Physical properties in relation to crop production and land management; soil water and soil aeration with reference to irrigation, drainage and dry farming; the fundamental principles of soil cultivation; the principles of wind and water erosion and of soil conservation.

The supply of nutrients to plants; soil organic matter and the biological condition of the soil; the nitrogen economy of soils; the use of fertilizers; nitrogenous and phosphatic fertilizers; other mineral fertilizers and soil amendments; residual value of fertilizers; organic fertilizers and manures.

Fertility trends under different systems of agriculture; principles of land management and crop rotation for fertility maintenance and restoration.

## 372. Agricultural Chemistry II.

Pre-requisite subjects: Agricultural Chemistry I (362) or Inorganic and Physical Chemistry II (233) and Biochemistry (363).

A course of two lecture-tutorials and a minimum of eight hours' practical work a week for three terms, taken by third year B.Ag.Sc. students.

The lectures will deal with the chemical principles underlying the processes of soil formation and soil fertility, the supply and availability of plant nutrients, the nature and properties of soil colloids, the origin, nature and properties of soil organic matter; soil classification with special reference to Australian soils; soil water; the physical and chemical properties of soils in general; the relationship between plant and soil; soil-plant-animal inter-relations; chemical principles associated with plant protection, fermentation processes, foodstuffs, and the chemistry of plant viruses.

During the year each student will be expected to write an essay, not to exceed two thousand words, on a topic chosen in consultation with the lecturer, and he will be expected to present this material to the class meeting in seminars in third term.

**PRACTICAL WORK.**—Scientific investigation of soils, consisting chiefly of quantitative work designed to illustrate their more important properties, e.g., mechanical composition, moisture relations, exchangeable cations, hydrogen ion concentration, buffer capacity; analysis of soils for N, P, and K, organic matter, and for salts (nitrates, chlorides, sulphates, carbonates).

General quantitative analysis of plants and fodders for protein fibre, ether extractives, carbohydrates; analysis and investigation of materials of general agricultural interest. Students are expected to provide their own set of analytical weights.

A whole-day excursion will be held in the third term to examine soil profiles within 40 miles of Adelaide.

## Text-books:

- Russell, E. J., *Soil conditions and plant growth* (Longmans).  
 Leeper, G. W., *Introduction to soil science* (Univ. of Melb. pr.).  
 Prescott, J., *The soils of Australia in relation to vegetation and climate* (C.S.I.R. Bulletin 52).

## Reference books:

- Baver, L. D., *Soil physics* (Wiley).  
 Comber, N. M., *Introduction to the scientific study of the soil* (Arnold).  
 Gardner, W., *Fertilizers and soil improvers* (Technical pr.).  
 Maynard, L. A., *Animal nutrition* (McGraw-Hill).  
 Holmes, H. N., *Laboratory manual of colloid chemistry* (Wiley).  
 Washington, H. S., *Chemical analysis of rocks* (Wiley).  
 Spencer, J. F., *Experimental course of physical chemistry* (2 vols.) (Bell).  
 Robinson, G. W., *Soils: their origin, constitution and classification* (Murby).  
 Waksman, S. A., *Humus* (Bailliere, Tindall and Cox).  
 Piper, C. S., *Soil and plant analysis* (Univ. of Adelaide).  
 Wright, C. H., *Soil analysis* (Murby).

**373. Biometry.**

A brief introduction to the methods of statistics applied to the interpretation of the quantitative data of agricultural science; distributions, estimates of probability and the concept of significance; comparisons of means and the *t* test; comparisons of distributions and the  $\chi^2$  test; the design and analysis of complex experiments; the analysis of variance and the *z* test; correlation and regression; the interpretation of observations; sampling.

Reference books:

- Mather, K., *Statistical analysis in biology* (Methuen).  
 Fisher, R. A., *Statistical methods for research workers* (9th ed.) (Oliver and Boyd).  
 Snedecor, G. W., *Statistical methods* (4th ed.) (Iowa State College pr.).  
 Saunders, A. R., *Statistical methods with special reference to field experiments* (Science Bulletin No. 200 of Dept. of Agriculture and Forestry, Union of South Africa).  
 Goulden, C. H., *Methods of statistical analysis* (John Wiley and Sons, Inc., New York; Chapman and Hall Ltd., London).  
 Quenouille, M. H., *Introductory statistics* (Butterworth-Springer Ltd.).  
 Finney, D. J., *Introduction to statistical science in agriculture* (Oliver and Boyd, Edinburgh, 1953).

**374. Entomology.**

The course of lectures and practical work for third-year B.Ag.Sc. students consists of one lecture and three hours laboratory work weekly for three terms. The following aspects will be treated:

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.

The practical work consists of examination of selected insect types and of the damage caused by them. A collection of not less than 50 species of insects should be made; it should be classified where possible into families and handed in at the time of the practical examination. Collecting equipment will be loaned to the student. Excursions will be arranged where possible.

An essay on some general aspect of entomology will be set.

Intending students should arrange to meet the lecturer as a group at the end of the preceding academic year.

Text-books:

- Imms, A. D., *Outlines of entomology* (Methuen).  
 Wigglesworth, V. B., *Insect physiology* (Methuen: 134 pp.).

Reference books:

- Imms, A. D., *General text-book of entomology* (Methuen).  
 Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).  
 Essig, E. O., *College entomology* (Macmillan).  
 Metcalf, C. L., and Flint, W. P., *Destructive and useful insects* (McGraw-Hill).  
 Martin, H., *Scientific principles of plant protection* (Longmans).

**375. Genetics.**

Agricultural Science students will attend the course in Genetics I (296) for Science students.

**376. Microbiology.**

The course comprises two lectures and four hours' practical work throughout the year. Subjects:

General microbiology: morphology, metabolism, growth and classification of bacteria, including more detailed study of bacteria important in animal diseases.

Elements of immunology, serology, disinfection and chemotherapy.

Dairy bacteriology.

Filterable viruses.

Microbiology of:

Water and sewage.

Soils: quantitative and qualitative study of soil organisms; influence on soils and crops; special groups.

Fermentations: yeasts; manufacture of alcoholic beverages; industrial alcohol; other fermentations.

Outline of classification and morphology of fungi.

Reference books:

Morgan, W. A., *Infectious diseases in domestic animals* (Comstock Publ. Co.).

Russell, E. J., and others, *Micro-organisms of the soil* (Longmans, 8th ed.).

Hammer, B. W., *Dairy bacteriology* (Wiley, or Chapman and Hall).

Prescott, S. C., and Dunn, C. G., *Industrial microbiology* (McGraw-Hill).

Peltier, G. L., and others, *Laboratory manual of general bacteriology* (Wiley, 3rd ed.).

### 377. Plant Pathology.

The course consists of one lecture and two hours' practical work a week throughout the year and deals with the following:

Nature of plant disease; methods of study; symptoms and causes, animate and inanimate; diseases caused by bacteria, fungi, viruses, nematoda; physiological diseases; types of parasitism; host-parasite relations; environment and parasitic disease; principles of plant disease control—by legislation, eradication, protection and the use of resistant varieties.

During the course particular attention will be paid to diseases of economic importance in southern Australia. Their detailed study will provide the main basis for the practical work. The subject matter required for examination is covered by the course of lectures and reading recommended from time to time.

Reference books:

Heald, F. D., *Manual of plant diseases* (McGraw-Hill).

Martin, H., *Scientific principles of plant protection*, 3rd ed. (Longmans).

Hambidge, G., *Hunger signs in crops* (Amer. Soc. Agronomy).

Grainger, J., *Virus diseases of plants* (O.U.P.).

Bawden, F. C., *Plant viruses and virus diseases* (3rd ed.) (*Chronica Botanica*).

Large, E. C., *The advance of the fungi* (Alden Press).

Fawcett, H. S., *Citrus diseases and their control* (McGraw-Hill).

Walker, J. C., *Diseases of vegetable crops* (McGraw-Hill).

### 381. Agriculture III.

A course of lectures, practical work and demonstrations dealing with the following:

The more important farm crops; Australian production compared with that of other countries; the cultural requirements of the more important crop groups and the agricultural use of specific crops; the improvement of crop plants by breeding and selection.

Principles of fodder conservation; practical aspects of hay, silage, and grain conservation.

Land utilisation in Australia; historical survey of settlement; methods of developing new lands; modern trends in land use; arable and livestock farming; the agricultural and economic advantages of livestock; the wool industry; the wheat industry; the dairying industry; meat production; summer and winter cereals; leguminous crops, potatoes, tobacco, sugar, fibre crops, etc.; conservation of agricultural resources.

Reference books for Agriculture I, II and III:

*The Australian environment* (C.S.I.R.O.).

Klages, K. H. W., *Ecological crop geography* (Macmillan).

Lyon, T. L., and Buckman, H. O., *Nature and properties of soils* (4th ed.) (Macmillan).

Russell, E. J., *Soil conditions and plant growth* (Longmans).

- Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (Univ. of Melb. pr.).  
 U.S. Dept. of Agr., *Yearbooks* 1938-49.  
 Donald, C. M., *Pastures and pasture research* (Univ. of Sydney, 1946).  
 Bews, J. H., *World's grasses* (Longmans).  
 Robbins, W. W., and others, *Weed control* (McGraw-Hill).  
 Rather, H. C., *Field Crops* (McGraw-Hill).

### 382. Animal Husbandry.

A course of lectures, practical work and demonstrations covering the following:  
 Characteristics of the principal breeds of sheep and beef cattle; ecological aspects of livestock management in the Australian environment; management of various types of sheep flock and cattle herds.

Dairy and swine husbandry: characteristics of the principal breeds of dairy cattle and swine; management of herds in the varying Australian environments.

Anatomy and physiology of domestic animals with special reference to the alimentary, urogenital and endocrine systems.

Growth and development of the animal body, with particular reference to meat producing animals.

Veterinary hygiene; the aetiology, treatment, control and prevention of the major diseases of livestock.

Animal nutrition; energy, nitrogen and mineral balances; units employed; digestibility. Requirements for maintenance, growth, reproduction, lactation, fattening; and production of various livestock products.

Nutritive value of common fodders. Practical work to include the determination of nitrogen balances and digestibility of common fodders, together with the compounding of rations for feeding various forms of livestock.

Biology of animal production; advanced treatment of wool biology, meat production, milk production, and egg production.

Animal breeding: Introduction to the theory of population genetics and its application to animal breeding and livestock improvement.

Introduction to methods of investigation of animal production problems.

#### Text-books:

McMeekan, C. P., *Principles of animal production* (Whitcombe and Tombs, Ltd.).

Maynard, L. A., *Animal nutrition* (McGraw-Hill).

U.S. Department of Agr., *Yearbooks* 1939, 1942.

Lush, J. L., *Animal breeding plans* (Iowa State College pr.).

#### Reference books:

Marshall, F. H. A., and Halnan, E. T., *Physiology of farm animals* (C.U.P.).

Dukes, H. H., *Physiology of domestic animals* (Bailliere, Tindall and Cox).

Sisson, S., *Anatomy of domestic animals* (Saunders).

Turner, C. W., *The comparative anatomy of the mammary glands* (Miss. Uni. Co-op. Store).

Morrison, F. B., *Feeds and feeding* (20th ed.) (Morrison Publishing Co.).

Kelley, R. B., *Principles and methods of animal breeding* (Angus and Robertson).

Nichols, J. E., *Livestock improvement* (Oliver and Boyd).

Lerner, I. W., *Population genetics and animal improvement* (C.U.P.).

C.S.I.R., *Bulletin* No. 164.

Mather, K., *Biometrical genetics* (Methuen).

Belschner, H. G., *Sheep management and diseases* (Angus and Robertson).

### 383. Farm Engineering and Surveying.

A course of lectures and demonstrations extending over three terms and covering the following:

Farm surveying, including the use and adjustment of instruments employed in surveying and levelling.

The mode of action and general principles involved in the construction and performance of farm implements and machinery, including implements of tillage, harvesting, transport, and equipment for the processing of agricultural products.

The principles governing the operation of internal combustion engines, diesel engines, steam engines, boilers and electrical motors.

**384. Horticulture.**

1. A course of lectures, practical work and demonstrations covering:
  - Horticultural crop distribution and production in Australia.
  - Temperature, moisture and soil, as factors in crop distribution.
  - Orchard, vineyard and vegetable garden management covering soil, frost occurrence and control, crop water requirements and irrigation practice; drainage; control of pests and diseases.
  - Fruit development from bud differentiation to harvesting.
  - Culture of principal fruit, vine and vegetable crops.
2. Equipment—Students must provide themselves each with pruning secateurs, pruning saw and carborundum sharpening stone.

## Reference books:

- Chandler, W. H., *Evergreen orchards* (Lee and Febiger, Phil).  
 Chandler, W. H., *Deciduous orchards* (Lee and Febiger, Phil).  
 Chandler, W. H., *Fruit growing* (Houghton Mifflin Coy.).  
 Gardner, V. R., Bradford, F. C., and Hooker, H. D., "*The fundamentals of fruit production*" (McGraw-Hill).  
 Shoemaker, J. S., "*Vegetable Growing*" (Chapman and Hall).  
 Kramer, P. J., *Plant and soilwater relationships* (McGraw-Hill).  
 Ayers, Q. C., and Scoates, D., *Land drainage and reclamation* (McGraw-Hill).  
 Various bulletins of the Department of Agriculture, South Aust.

**385. Methods of Extension.**

The lag between discoveries of research and their application by the community.

The development of agricultural extension systems in the United States, other countries and in the Australian States; criticisms of existing systems.

Methods by which the farmer is being influenced; leaflets, pamphlets, journals, the press, the radio.

The extension worker as district agricultural adviser or specialist adviser; attributes and methods employed; the organisation of community effort; the management of meetings; field days, demonstrations, visual aids.

Writing and speaking.

**386. Rural Economics.**

A course of lectures and tutorials covering the following:

1. The nature and scope of economics and the technique of economic studies.
2. The business firm—price, cost, output.
3. The application of economic principles to agriculture and to the management problems on individual farms with special reference to:
  - (a) Production, supply and demand, prices.
  - (b) Land utilisation, farm size, rent and land values.
  - (c) Land tenure; settlement policies.
  - (d) Rural credit, types of, and need for credit; credit institutions and policies in Australia.
  - (e) Marketing, co-operatives, domestic and international marketing policies. Export policy for Australia's major rural industries.
  - (f) Management of a farm; types of farming, combination of factors of production and farm enterprises, farm layout.
  - (g) Business organisation of farms, keeping of farm records, interpretation of records and measures of efficiency. Usefulness and limitations of cost of production surveys and analyses.

## Text-books:

- Tarshis, L., *Elements of modern economics* (Houghton Mifflin).  
 Cohen, R., *Economics of agriculture* (C.U.P.).

## Reference books:

- Benham, F., *Economics* (Pitman).  
 Samuelson, P. A., *Economics* (2nd Ed.) (McGraw-Hill).  
 Black, J. D., *Farm management* (Macmillan).

- Thomas, E., *An introduction to agricultural economics* (Thomas Nelson and Sons).
- Brinkmann, T., *Economics of the farm business* (English Edition—University of California).
- Waite, W., and Trelogan, H., *Agricultural market prices* (John Wiley and Sons) (Chapman and Hall).
- Schultz, T. W., *Agriculture in an unstable economy* (McGraw-Hill).
- Wadham, S.M., and Wood, G. L., *Land utilization in Australia* (M.U.P.; revised ed.).
- Rural Reconstruction Commission, Reports Nos. 1-10.

### 388. Subject of "Individual Study."

1. Each student of the final year will be required to select a subject for individual study, discuss it with the lecturer or lecturers concerned, and submit the subject for approval to the Dean before the end of the first week in the first term.
2. The Dean will decide whether the subject is satisfactory or not, and if satisfactory will appoint a lecturer to act as supervisor of the student's work, and will nominate the subject with which the individual study will be linked.
3. Satisfactory completion of the individual study will be pre-requisite to passing the annual examination.
4. The study chosen should be one which can be satisfactorily dealt with within the time allotted (i.e., about 28 half-days for the year). As far as possible it should involve a survey of literature and where appropriate be supplemented by some practical study.
5. The student will be required to submit to his supervisor progress reports on his individual study at the end of the first and second terms.
6. The supervisor will review the progress reports with the student and advise on all aspects of the study, including the actual manner of presentation of the reports.
7. A final report shall be submitted to the Dean of the Faculty on or before the last day of lectures in third term. This report should be in the form of a general account covering the literature reviewed, a description of any practical work performed, and a discussion of the study as a whole.

### PRACTICAL REQUIREMENTS

On enrolment for the course, each student is required to submit a statement of his previous experience in practical farming.

Those candidates who have not already engaged in agriculture for twelve consecutive months, and those who, in any case, desire to spend portion of the first summer vacation at Roseworthy College, must register at the University for their vocational practical work before 15th November of the first year.

Practical work to be undertaken at Roseworthy College during the course of the second and subsequent years should also be registered at the University a fortnight before the commencement of each May or August vacation and before 15th November in the case of summer vacations.

Each student must eventually be able to show that he has taken part in a reasonable variety of operations connected with crop and pasture production, animal husbandry, dairying, horticulture and field experimental work. He must keep a record of practical work and before qualifying for the degree he will be required to show that the work has been completed to the satisfaction of the Principal of Roseworthy Agricultural College.

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## ENGINEERING

### 401. Architectural Theory, Construction and Practice I.

Pre-requisite subject: Building Construction and Drawing I (421).

A course of lectures and drawing office exercises on building construction in which a study is made of the South Australian Building Act and relevant regulations.

Throughout 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 1923-46 and Regulations.

Reference books:

As for Building Construction and Drawing I (421).

#### 402. Architectural Theory, Construction and Practice II.

Pre-requisite subjects: Architectural Design II (412); and Architectural Design III (413) should be taken concurrently.

PART A: 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; terminology common; 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).

Reference books:

McMahon, A. P., *Art of enjoying art* (Whittlesey House).

Scott, G., *Architecture of humanism* (Constable).

Clark, K., *Gothic revival* (Constable).

Read, H., *Art and industry* (Faber).

Towndrow, F. E., *Architecture in the balance* (Chatto and Windus).

PART B: 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: 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.

PART D: 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: A course of lectures on the historical development of planning.

#### 403. Architectural Theory, Construction and Practice III.

Pre-requisite subjects: Architectural Theory, Construction and Practice II (402).

PART A: A course of lectures and visits to buildings complete or under construction dealing with the relation of architects to consultant engineers and the principles involved in the design and provision of mechanical equipment of buildings; study of codes and regulations involved.

The course includes:—

*Acoustics of building:* General phenomena, geometrical investigation, reverberation, absorption materials, methods of using, loudness and intelligibility, pitch and quality, musical sounds and partials, analysis of rooms for various purposes; transmission of sound, noise reduction.



## Text-book:

Knudsen and Harris, *Acoustical designing in architecture* (Wiley).

## Reference-book:

Bagenal, H., and Wood, Alex., *Planning for good acoustics* (Methuen).

*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.

*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.

**PART B:** A course of lectures on professional practice. The architect in his relation to client and to builder; the functions of the architect; 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. scale of charges; competitions; R.A.I.A. control and requirements.

## Reference books:

Hudson, A. A., *Law of building and engineering contracts* (Sweet and Maxwell, or Law Book Co., Sydney).

Creswell, H. B., *Honeywood file* (Architectural Press).

Creswell, H. B., *Honeywood settlement* (Architectural Press).

R.A.I.A. Year Book, *Standard documents*.

*Time saver standards* (Architectural Record).

**PART C.**—A course of lectures and more advanced exercises on office practice and preparation of drawings and specifications. Estimating; examination of methods used by the quantity surveyor; architect's methods of estimating from the sketch drawings.

**PART D.**—A course of lectures and exercises on town planning practice.

**406. Architectural History I.**

A course of lectures on the development of architecture: The architecture of Egypt, the two rivers, the Aegean, Greek, Roman, Early Christian, Byzantine and Mediaeval. Students must submit notebooks, sketches and drawings.

## Text-books:

Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

Normand, C. P. J., *Parallel of the orders of architecture* (Tiranti).

## Books of reference:

Richardson, A. E., and Corfiato, H. O., *The art of architecture* (Batsford).

Anderson, Spiers and Dinsmoor, *The architecture of ancient Greece* (Batsford).

Anderson, Spiers and Ashby, *The architecture of ancient Rome* (Batsford).

Jackson, Sir T. G., *Byzantine and Romanesque architecture* (Batsford).

Jackson, Sir T. G., *Gothic architecture* (Batsford).

**407. Architectural History II.**

Pre-requisite subject: Architectural History I (406).

A continuation of the course of lectures on architectural development: the leading characteristics and history of the great styles of architecture; general knowledge of the principal masters and their works; a detailed study of Renaissance architecture in Italy, France and England up to 1850.

Students must submit notebooks, sketches and drawings, including measured drawings from local architecture, and sketching of architectural detail in the field.

## Text-book:

Fletcher, B. F., *History of architecture* (Batsford).

## Books of reference:

Richardson, A. E., and Corfiato, H. O., *The art of architecture* (Batsford).

Anderson and Stratton, *The architecture of the Renaissance in Italy* (Batsford).

Ward, W. H., *Architecture of the Renaissance in France* (Batsford).  
 Blomfield, R., *Short history of Renaissance architecture in England* (Bell).  
 Letarouilly, F. M., *Student's Letarouilly illustrating the Renaissance in Rome*  
 (ed. A. E. Richardson) (Tiranti).

#### 411. Architectural Design I.

Pre-requisite subjects: Architectural Drawing I (416), Free Drawing I (424), Architectural History I (406), and Building Construction and Drawing I (421).

An introduction to architectural design. The course includes the design of simple domestic buildings, and larger single storeyed buildings with simple roof truss requirements. Sketch designs are arranged throughout the course.

Books of reference:

Robertson, H., *Principles of architectural composition* (The Architectural Press).  
 Guptill, A. L., *Colour in sketching and rendering* (Reinhold).  
 Guptill, A. L., *Sketching and rendering in pencil* (Reinhold).

#### 412. Architectural Design II.

Pre-requisite subjects: Architectural History I (406) and II (407), Architectural Design I (411), Building Construction and Drawing II (422), and Architectural Drawing II (417). Architectural Theory, Construction and Practice I (401) should be taken concurrently.

A continuation of the course of study begun in Architectural Design I. An introduction to architectural design in relation to multi-celled buildings. Students embody in their designs principles laid down in Architectural Theory, Construction and Practice I. Sketch design problems are issued at regular intervals.

Book of reference:

Robertson, Howard, *Principles of architectural composition* (The Architectural Press).

#### 413. Architectural Design III.

Pre-requisite subjects: Architectural Design II (412), Architectural Theory, Construction and Practice I (401). Architectural Theory, Construction and Practice II (402) should be taken concurrently.

A continuation of the course of study in architectural design. The study of buildings in relation to actual site conditions. The design of multi-storeyed structures, places of entertainment, etc., buildings in relation to their environment, and simple town planning studies.

Students embody in their designs principles laid down in lectures on Theory, Construction and Practice II.

Books of reference:

As for Architectural Design II.

#### 416. Architectural Drawing I.

**PERSPECTIVE.**—The principles of Architectural perspective, definitions and terms used in perspective; simple positions of the cube, pyramids, prisms, cones, and cylinders; models composed of a combination of the above solids. Perspective projection of simplified Architectural forms, perspective composition. The projection of architectural perspectives from given plans and elevations.

Reference books:

Sierp, A. F. *Perspective projection* (Sands and McDougall).  
 Holmes, J., *Applied perspective* (Pitman).

**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; 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 delineation; obtaining second elevations and plans; sectional elevations and plans; the plans and elevations of intersecting 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).

#### 417. Architectural Drawing II.

Pre-requisite subjects: Architectural Drawing I (416) and Architectural History I (406).

##### (a) GEOMETRICAL PROJECTION.

GEOMETRICAL DRAWING.—In addition to the work set out for Architectural Drawing I, more advanced problems on the construction and areas of plane figures, the projection of lines and planes; the projection of the octahedron, dodecahedron, and icosahedron; sections on solids made by planes to both planes of reference; more advanced problems on penetrations and development by triangulation.

GEOMETRICAL PROJECTION OF SHADOWS.—Shadows of simple solids on one or both planes of reference; shadows of vertical prisms with overhanging horizontal slabs; shadows of solids on oblique and curved surfaces, and on oblique planes; shadows on various shapes recessed in or projected from walls; shadows caused by artificial light; shadows of architectural details. Perspective shades and shadows when the sun is in various positions. Perspective reflections.

##### (b) ARCHITECTURAL RENDERING.

This work consists of a number of projects devised with the special object of training the student in rendering and presentation techniques as used in Architectural Design.

Reference books:

Harrison, J., and Baxandall, G. A., *Practical geometry and graphics* (Macmillan).

Morris, I. H., and Husband, J., *Practical plane and solid geometry* (Longmans).

Magonigle, H., *Architectural rendering in wash* (Scribner).

McGoodwin, H. K., *Architectural shades and shadows* (Bates, Guild).

#### 419. Architectural Thesis.

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 £100,000, submitting with it a report explaining the basis of the design, with references. The work is to be done as far as possible without assistance.

#### 421. Building Construction and Drawing I.

A descriptive course in elementary building construction and drawing. The lectures include the consideration of brick bonds and brick wall construction, including brick joints; building stones and masonry; ventilation and damp-proofing, foundations and footings; carpentry joints; timber floors; frame construction; brick veneer; ceilings and roofs; joinery joints; doors; windows; stairs; cupboards; building boards; plywood; roof coverings and roof plumbing.

Students study and draw to scale details of importance in buildings commencing with simple examples, and progressing to more difficult ones requiring knowledge of building construction.

Text-book:

Mitchell, G. A. and A. M., *Building construction and drawing* (Batsford).

Reference books:

Sharp, W. Watson, *Australian methods of building construction* (Angus and Robertson).

Nangle, J., *Australian building practice* (Brooks).

Tulloch, *Details of Australian building construction* (Keating and Wood).

**422. Building Construction and Drawing II.**

Pre-requisite subject—Building Construction and Drawing I (421).

A continuation of the study of building construction and drawing with provisions similar to those set out in Building Construction and Drawing I.

Site requirements, excavations, foundations, shoring and underpinning, dangerous structure, joinery, fittings, glazing.

Insulation, water proofing and damp proofing, internal and external finishes, including plastering, painting, tiling.

Roofs, roofing materials and roof drainage, fire resisting construction.

Text and Reference books:

As for Building Construction and Drawing I.

**424. Free Drawing I.**

Lectures on lettering and layout, creative design and the theory of colour with practical exercises throughout the session. Drawing of architectural ornament in light and shade from the cast. Rendered studies in various media from still life. Outdoor sketching.

Reference books:

Studio Publication, *Lettering of today* (London).

Guptill, A. L., *Sketching and rendering in pencil* (Reinhold).

Guptill, A. L., *Colour in sketching and rendering* (Reinhold).

Ostwald, W., *Colour science*, Vols. I, II and III (Windsor and Newton).

**425. Free Drawing II.**

Pre-requisite subject: Free Drawing I (424).

Extended use of ornament and colour. Architectural sketching in various media, and rendered outdoor studies of existing buildings or works of art in line wash and colour. Figure sketching.

Books of reference:

As for Free Drawing I.

**431. Civil Engineering I.**

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207), Strength of Materials (436).

A 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:

Am. Joint Committee, *Recommended practice and standard specification for concrete and reinforced concrete* (Am. Soc. for Testing Materials).

Speedie, M. G., and O'Donnell, I. J., *Foundation methods* (Tait Book Co.).

Standards Association of Australia:

*Code for use of structural steel in building*, Interim 351.

C.S.I.R., *Handbook of structural timber design* (3rd ed., 1948).

Reference books:

Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw-Hill).

Sutherland and Bowman, *Structural theory* (Wiley).

Salmon, E. H., *Materials and structures*, Vol. II (Longmans).

Grinter, L. E., *Theory of modern steel structures* (Vols. I and II) (Macmillan).

Grinter, L. E., *Design of modern steel structures* (Macmillan).

Krynine, D. P., *Soil mechanics* (McGraw-Hill).

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

Sutherland, H., and Reese, W. W., *Introduction to reinforced concrete design*, 2nd ed. (Wiley).

Hansen, H. J., *Modern timber design* (Wiley).

Reece, P. O., *An introduction to the design of timber structures* (Spon).

#### 432. Civil Engineering II.

Pre-requisite subjects: Civil Engineering I (431), Hydraulics (434), Surveying I (437).

PART A.—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).

Either Merriman, T., and Wiggan, T. H., *American civil engineers' handbook* (Wiley) or Urquhart, L. C., *Civil engineers' handbook* (McGraw-Hill).

Terzaghi, K., *Theoretical soil mechanics* (Chapman and Hall).

Merriman, M., *Elements of precise surveying and geodesy* (Wiley, or Chapman and Hall).

Reynolds, C. E., *Concrete construction* (Concrete Publications).

PART B.—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* (Arnold).

##### Reference books:

Sutherland, H., and Reese, W. W., *Introduction to reinforced concrete design* (2nd ed.) (Wiley).

Magnel, G., *Pre-stressed concrete* (Concrete Publications).

#### 434. Hydraulics.

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207).

The course is introduced with the elements of fundamental flow studies. Flow under various conditions is considered and laws developed. Applications of such laws to flow through orifices, over weirs, along pipe lines and open channels are given by the Civil Engineering Department. The principles governing the design for one dimensional flow through water wheels, turbines and centrifugal pumps are given by the Mechanical Engineering Department.

These subjects are covered in a course of about thirty lectures. Practical work in the laboratory is completed in nine sessions.

##### Text-book:

Rouse, H., *Elementary mechanics of fluids* (Wiley).

##### Reference books:

Addison, H., *Text-book of applied hydraulics* (Chapman and Hall).

Gibson, A. H., *Hydraulics and its applications* (Constable).

Jameson, A. H., *Introduction to fluid mechanics* (Longmans).

#### 435. Structural Design.

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 do 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* (Von Nostrand).

Book of reference:

Sutherland and Bowman, *Structural theory* (Wiley).

#### 437. Surveying I.

Pre-requisite subject: A pass with credit or in Division I in Pure Mathematics I (201).

Instruments and their adjustments; linear measurements; chain surveying; compass surveying; theodolite surveying; plane table surveying; tacheometrical surveying; levelling; contouring; setting out curves; field notes; computations; plotting.

Three hours a week will be occupied in office and field work.

Candidates must comply with the requirements of a Survey Camp (439) before being credited with this subject.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable).

Students should provide themselves with six or seven-figure logarithmic tables, such as Chambers' *Mathematical tables*.

#### 438. Surveying IB.

Pre-requisite subjects: A pass with credit or in Division I in Pure Mathematics I (201) and a pass in Engineering Drawing I (481).

A short course consisting of one lecture and three hours' drawing office work per week for one term, comprising an 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).

#### 439. Survey Camp (First).

Students must attend lectures and practical classes in Surveying I (437) before attending a survey camp.

A field camp extending over about three weeks is held each year in the long vacation. A camp fee of £3 3s. is charged. Quarters and stretchers are provided, but students must arrange for their own transportation and bedding and subscribe funds necessary for the provision and preparation of meals. Students must comply with all regulations dealing with conduct in camp.

Students must complete survey plans from data obtained at the camp, and submit such plans with field notes, etc., for inspection by a date fixed by the lecturer-in-charge. The survey plans form part of the work of the camp, and must be approved before attendance at the camp can be credited.

A candidate whose work at the camp is considered by the lecturer-in-charge not to be satisfactory may be required to do additional practical work in the first term of the following year.

Entry for the camp should be made before the end of lectures.

#### 440. Survey Camp (Second).

This camp is for Civil Engineering students who normally attend in the final year of the course.

The camp is of about three weeks' duration, and is held during a vacation. The camp fee is £3 3s. 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 first term of the following year.

Entry for the camp should be made before the end of the second term.

#### Electrical Engineering.

Those students in Mining Engineering, Metallurgical and Chemical Engineering, Civil Engineering and Mechanical Engineering proceeding under the 1954 schedules will take the following substitute courses:

1954 SCHEDULE  
Electrical Engineering I.  
Electronic Engineering IA.

1955 COURSE  
Electrical Engineering I, Part A.  
Electrical Engineering I, Part B.

Students in Electrical Engineering proceeding under the 1954 Schedules will take the following courses:

1954 SCHEDULE  
Electrical Engineering I.  
Electronic Engineering IA.  
Electronic Engineering IB.

1955 COURSE  
Electrical Engineering I, Part A.  
Electrical Engineering I, Part B.  
Parts of Electrical Engineering II as  
prescribed by the Professor.  
Electrical Engineering III.

Electrical Engineering II.

#### 441. Electrical Engineering I.

Pre-requisite subjects: Physics II, B. E. Course (223), or Inorganic and Physical Chemistry II (233), Pure Mathematics IIA (204), Applied Mathematics I (207).

The course consists of an introductory series of lectures in Electrical Engineering and is divided into two parts, A and B. The subject matter of the course covers the fundamental aspects of both power (Part A) and electronic (Part B) engineering, as required by students taking Electrical, Mechanical and Civil Engineering courses.

(Note.—Mining, Metallurgical and Chemical Engineering students take Part A of the course only.)

#### PART A

Two lectures a week throughout the year.

Units, D.C. and A.C. measuring instruments, bridge and potentiometer methods of measurement; illumination, types of incandescent and discharge lamps, magnetic circuit theory, electromagnets; D.C. machines; A.C. circuits in steady state, three-phase systems, elementary theory of transformers, alternators, induction motors,

synchronous motors, commutator motors, single-phase motors, rectifiers and rotary converters, transmission and distribution of A.C. and D.C. power, switchgear, protection; brief course in safety and rating features of wiring regulations.

## PRACTICAL

Three hours' practical work a week for two terms only.

A series of experiments and exercises designed to illustrate the subject matter of the lecture.

## Text-books:

- Cotton, H., *Electrical technology* (Pitman).  
Standards Association of Australia, *Wiring rules, Part I*.  
B.S.S. No. 205, *Glossary of terms, electrical engineering*.

## Reference books:

- Hehre, F. W., and Harness, G. T., *Electrical circuits and machinery*, Vols. I and II (Wiley).

\*Langsdorf, A. S., *Principles of direct current machines* (McGraw-Hill).

\*Lawrence, R. R., *Principles of alternating current machines* (McGraw-Hill).

\*Electrical Engineering students—advised to purchase.

Tools: Screwdriver, pliers.

## PART B

One lecture a week throughout the year.

Principles of hard and soft valves, amplification, rectification, oscillation, and the cathode ray tube and its application.

## PRACTICAL

Three hours' practical work a week for one term only.

## Text-books:

Ryder, J. D., *Electronic principles* (Pitman). (For non-Electrical Engineering students.)

Gray, M.I.T. Staff, *Applied electronics*. (For Electrical Engineering students only.)

*Radiotron valve data book* (Amalgamated Wireless Valve Technical Series R.V.2).

## Reference books:

Seely, S., *Electron tube circuits* (McGraw-Hill).

Arguimbau, L. B., *Vacuum tube circuits* (Wiley).

Cruft Electronics Staff, *Electronic circuits and tubes* (McGraw-Hill).

Tools: Screwdriver, pliers.

## 442. Electrical Engineering II.

Pre-requisite subjects: Electrical Engineering I (441), Applied Mathematics IIA (210), Strength of Materials (436).

Three lectures a week throughout the year.

This course comprises: (a) One lecture a week devoted to topics from power and measurements, i.e., power conversion equipment, machines, transformers, 3-phase systems and the principles of measurements at power, audio and high frequencies; (b) Two lectures a week devoted to Electronics, including a further development of amplifier theory, and an introduction to feedback filters, transmission lines, circle diagrams, symmetrical components, transients, harmonics, modulation and detection.

## PRACTICAL

Practical work of five hours a week will be arranged to illustrate the above course of lectures.

## Text-books:

Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).

M.I.T. Staff, *Electric circuits* (Wiley).

Seely, S., *Electron tube circuits* (McGraw-Hill).

Jaeger, J. C., *Introduction to the Laplace transformation* (Methuen).

Rissik, H., *Power system interconnection* (Pitman).

Langsdorf, A. S., *Principles of D.C. machines* (McGraw-Hill).

Lawrence, R. R., *Principles of A.C. machinery* (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering* (Constable).



## Reference books:

- Everitt, W. L., *Communication engineering* (McGraw-Hill).  
 Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).  
 King, Mimno, Wing, *Transmission lines, antennas and wave guides*  
 (McGraw-Hill).  
 Concordia, S., *Synchronous machines, theory and performance* (Wiley).  
 Parker-Smith, S., and Say, W. G., *Electrical engineering design manual*  
 (Chapman and Hall).  
 Westinghouse Electric Manufacturing Co., *Electrical transmission and distribution reference book*.  
 Golding, E. W., *Electrical measurements and measuring instruments*  
 (Pitman).  
 Hund, A., *High frequency measurements* (McGraw-Hill).

(Additional references will be given during the course.)

**443. Electrical Engineering III.**

Pre-requisite subject: Electrical Engineering II (442).

The course is divided into three sections:—Part A, Servomechanisms; Part B, Electrical Power; Part C, Electronics and Communications.

Students may select Option 1 (Power) or Option 2 (Electronics) as follows:—

*Option 1: Power*

- Part A: Servomechanisms.
- Part B: Electrical Power.
- Specialist Lectures and Seminar Work.

*Option 2: Electronics*

- Part A: Servomechanisms.
- Part C: Electronics and Communications.
- Specialist Lectures and Seminar Work.

**PART A: SERVOMECHANISMS**

Three lectures a week and six hours' practical work a week for one term. The course covers automatic control with special emphasis on servomechanisms. In addition to the general theory a study of the course will include transducers, electro-mechanical analogies, magnetic amplifiers, servo-motors and elementary computers.

**PART B: ELECTRICAL POWER**

Four lectures a week throughout the year. Practical and project work twelve hours a week for two terms and six hours a week for one term.

A more advanced study of the subject matter of Electrical Engineering I and Electrical Engineering II, and in addition, an advanced course in electrical measurements, circuits analysis, transformers, machines, rectifiers, transmission, power systems, unbalanced operation, stability, protection, switching and insulation co-ordination.

**PART C: ELECTRONICS AND COMMUNICATIONS**

Four lectures a week throughout the year. Practical and project work of twelve hours a week for two terms and six hours a week for one term.

A survey of Units, field studies, network synthesis, Electro-magnetic theory, electron mechanics, communication theory.

A more advanced treatment of the subject matter of Electrical Engineering I and II and in addition, an advanced course in circuit theory, filters, transmission lines, wave-guides, and aerial systems; amplifiers; modulation and demodulation; relative efficiency of A.M., F.M., S.S.B., and pulse for communications; selection of topics from C.R.O. technique, radar and television engineering, measurements, applied acoustics.

**SPECIALIST LECTURES AND SEMINARS**

During the year, students are required to attend specialist lectures given by practising engineers who are invited from industry, public utilities and Government establishments. In addition, student seminar work is arranged at suitable times.

## Text-books:

## Part A:

Lauer, H., Lesnick, R., and Matson L. E., *Servomechanisms fundamentals* (McGraw-Hill).

## Part B:

Concordia, C., *Synchronous machines, theory and performance* (Wiley).

Sah, A. P. T., *Fundamentals of alternating current machines* (McGraw-Hill).

Parker-Smith, S., and Say, W. G., *Electrical engineering design manual* (Chapman and Hall).

## Part C:

Starr, A. T., *Electric circuits and wave filters* (Pitman).

Seely, S., *Answers to electron tube circuits* (McGraw-Hill).

Jackson, W., *High frequency transmission lines* (Methuen).

## Reference books:

Additional reference books for each part (A, B and C) will be given during the year.

## Part B:

Students should have a copy of:

Knowlton, A. E., *Standard handbook for electrical engineers for calculation and design work.* (McGraw-Hill).

General: Journals, such as those of the *Institution of electrical engineers*, the *American institute of electrical engineers*, etc.

## 451. Mechanical Engineering I.

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207), Physics II, B.E. Course (223), or Inorganic and Physical Chemistry II (233), Strength of Materials (436), Engineering Drawing II (482).

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.

**APPLIED THERMODYNAMICS I.**—An introductory treatment of fuels and combustion, thermodynamics of working fluids, air compressors, internal combustion engines, gas turbines, steam engines and turbines, boilers, condensers and other heat exchangers, refrigeration, and the testing of prime-movers.

## Text-book:

Grundy, R. H., *Theory and practice of heat engines* (Longmans).

## Reference books:

Sneeden, J. B. O., *Elements of steam power engineering* (Longmans).

Sneeden, J. B. O., *Introduction to internal combustion engineering* (Longmans).

Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).

Faires, V. M., *Theory and practice of heat engines* (Macmillan).

**THEORY OF MACHINES I.**—An introductory treatment of kinematics and dynamics, including certain aspects of kinematic chains and simple mechanisms, inversions, lower and higher pairing, centrodes, velocity and acceleration diagrams, valve diagrams and valve gears, straight-line motions, universal couplings, friction and lubrication, rope and belt drives, toothed gearing, cams, equilibrium in machines, brakes, governing, balancing and oscillations.

## Text-book:

Bevan, T., *Theory of machines* (Longmans).

**MACHINE DESIGN I.**—A course of lectures and drawing office work in the design and drawing of machine members and simple power transmission systems with emphasis on design, including design economics and procedure, drawing office practice, materials and their applications, manufacturing processes, combined stress and theories of failure, fatigue and creep, factors of safety and design stresses, shafts under combined stress, bearings and lubrication, couplings and clutches, belt, chain and rope drives, introduction to toothed gearing design, hoisting gear, springs and fly-wheels.

## Text-books:

Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw-Hill); or

Maleev, V. L., *Machine design* (International).

## Reference books:

- Faires, V. M., *Design of machine elements* (Macmillan).  
 Black, P., *Machine design* (McGraw-Hill).  
 Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).  
*Machinery's handbook* (Ind. pr.).  
*Mechanical world yearbook*, 1953 (Mechanical World).  
 Standard Specifications and Codes.

## 452. Mechanical Engineering II.

Pre-requisite subjects: Hydraulics (434), Mechanical Engineering I (451), Electrical Engineering I (441).

An advanced course in applied thermodynamics, fluid mechanics, theory of machines and machine design. The course is covered by about seven lectures and two hours' seminar a week, together with two three-hour laboratory or project periods and two three-hour drawing office sessions a week.

The course is divided into two parts for the convenience of part-time students. All work in each part must normally be completed in one academic year. The subdivision is as follows:

Part A—Applied Thermodynamics II.  
 Fluid Mechanics.

Part B—Theory of Machines II.  
 Machine Design II.

**APPLIED THERMODYNAMICS II.**—A course of lectures and practical work in applied thermodynamics including advanced thermodynamics of fluids with application to internal combustion engines, gas turbines, steam turbines, refrigeration, psychometry and air conditioning, compressed air; fuels and combustion; heat transmission with application to boilers, condensers, and other heat exchangers; testing of power plant.

## Text-books:

- Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).  
 Cohen, H., and Rogers, G., *Gas turbine theory* (Longmans).  
 Obert, E. F., *Internal combustion engines* (International Text-book).  
 Eckert, E. R., *Introduction to the transfer of heat and mass* (McGraw-Hill).

## Reference books:

- Ewing, J. A., *Thermodynamics for engineers* (C.U.P.).  
 Schmidt, E., *Thermodynamics* (Oxford Clarendon Press).  
 Pye, D. R., *Internal combustion engine*, Vols. I and II (O.U.P.).  
 Jennings, B. H., and Rogers, W. L., *Gas turbine analysis and practice* (McGraw-Hill).  
 Stodola, A., *Steam turbines* (Van Nostrand).  
 Kearton, J. G., *Steam turbine theory and practice* (Pitman).  
 Brown, A. I., and Marco, S. M., *Introduction to heat transfer* (McGraw-Hill).  
 McAdams, W. H., *Heat transmission* (McGraw-Hill).  
 Sparks, N. R., *Theory of mechanical refrigeration* (McGraw-Hill).  
 Raber, B. F., and Hutchinson, F. W., *Refrigeration and air conditioning engineering* (Wiley).

**FLUID MECHANICS.**—A course of lectures and practical work in the essentials of fluid dynamics as applied to the theory and design of pumps, compressors, fans, and turbines, to the theory and use of models and to measurements in fluids.

## Text-books:

- Wislicenus, *Fluid mechanics of turbo machinery* (McGraw-Hill).  
 Rouse, H., *Elementary mechanics of fluids* (Wiley).

## Reference books:

- Nelson, W. C., *Airplane propeller principles* (Wiley).  
 Kearton, W. J., *Turbo blowers and compressors* (Pitman).  
 Spannake, W., *Centrifugal pumps, turbines and propellers* (M.I.T.).  
 Ower, E., *Measurement of air flow* (Chapman and Hall).  
 Cohen H., and Rogers, G., *Gas turbine theory* (Longmans).  
 Goldstein, *Modern developments in fluid dynamics* (Oxford).

Rouse, H., *Fluid mechanics for hydraulic engineers* (McGraw-Hill).  
 Binder, R. C., *Fluid mechanics* (Prentice-Hall).  
 Prandtl, L., *The essentials of fluid dynamics* (Blackie).

THEORY OF MACHINES II.—A course in advanced kinematics and dynamics including advanced aspects of cams and gearing; the dynamics of engine and shaft; governing and flywheels, balancing, torsional oscillations; critical speeds; mechanical vibrations including measurements, isolation, damping, dynamic absorbers, vehicle springing; instruments; automatic control.

Text-books:

As for Theory of Machines I, together with  
 Freberg, C. R., and Kemler, E. N., *Elements of mechanical vibrations* (Wiley) or  
 Den Hartog, J. P., *Mechanical vibrations* (McGraw-Hill).  
 Thompson, W. T., *Mechanical vibrations* (Prentice-Hall).

Reference books:

Dalby, W. E., *Balancing of engines* (Arnold).  
 Myklestad, N. O., *Vibration analysis* (McGraw-Hill).  
 Tuplin, W. A., *Vibration in machinery* (Pitman).  
 Johnson, W. C., *Mathematical and physical principles of engineering analysis* (McGraw-Hill).  
 Rhodes, T. J., *Industrial instruments for measurement and control* (McGraw-Hill).  
 Macmillan, R. H., *An introduction to the theory of control* (C.U.P.).

MACHINE DESIGN II.—A course of lectures and drawing office work on advanced aspects of the design of machine members and mechanical assemblies including treatments of various types of gears, lubrication and bearing design; reciprocating engine components; mathematical and experimental stress analysis, fatigue, creep; design for high speed operation; curved beam theory; the economics of product design and design in relation to manufacturing method.

The work includes the design of a mechanism and of a small project involving thermodynamics or fluid mechanics.

Text-books:

As for Theory of Machines I and II and Heat Engines I and II, together with  
 Maleev, V. L., *Machine design* (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).  
 Goudie, W. J., *Ripper's steam engine* (Longmans).  
 Timoshenko, S., *Strength of materials*, Vols. I and II (Von Nostrand).  
 Roark, R. J., *Formulae for stress and strain* (McGraw-Hill).  
 Symposium, *The failure of metals by fatigue* (Melbourne Univ. pr.)  
 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., *Photoelasticity* (Blackie).  
 Wahl, A. M., *Mechanical springs* (Penton).  
 Steeds, W., *Involute gears* (Longmans).  
 Merritt, H. E., *Gears* (Pitman).  
 Buckingham, E., *Analytical mechanics of gears* (McGraw-Hill).  
 Buckingham, E., *Spur gears* (McGraw-Hill).

- Norton, A. E., *Lubrication* (McGraw-Hill).  
 Shaw, M. C., and Macks, E. F., *Analysis and lubrication of bearings* (McGraw-Hill).  
 Hersey, M. D., *Theory of lubrication* (Wiley).  
 Chase, H. H., *Handbook of designing for quantity production* (McGraw-Hill).  
 Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

#### 461. Assaying I.

Pre-requisite subject: Inorganic and Physical Chemistry II (233).

The course consists of three hours per week throughout the year of theoretical and practical instruction in the quantitative analysis (including fire assaying) of typical ores, metals and alloys.

Text-book:

Bugbee, E. E., *Text-book of fire assaying* (Wiley).

Reference book:

Young, R. S., *Industrial inorganic analysis* (Chapman and Hall).

#### 462. Process Engineering I.

Pre-requisite subject: Inorganic and Physical Chemistry II (233).

The work is divided into three parts.

##### A. UNIT OPERATIONS I.

*Lectures:* Two hours a week throughout the year dealing with the theory of errors; sampling, laboratory sizing, solids handling; fluid mechanics as applied to the motion of solids through fluids (an introduction to gravity separation) and fluids through pipes; flow measurement, pumping; fluid flow through porous media, filtration, fluidization. An introduction to phase separation and diffusional operations.

*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-book:

Brown, G. G., *Unit operations*, 1950 (Wiley).

Reference books:

Perry, J. H., *Chemical engineers' handbook* (3rd ed.) (McGraw-Hill).

Kirkbride, C. G., *Chemical engineering fundamentals*, 1947 (McGraw-Hill).

Smith, J. M., *Introduction to chemical engineering thermodynamics* (McGraw-Hill).

##### B. UNIT PROCESSES (EXTRACTIVE METALLURGY).

*Lectures:* Two series of lectures, each of one hour a week throughout the year, are conducted concurrently. The first series deals with principles, viz., stoichiometry, phase equilibria, thermochemistry and reaction kinetics as encountered in extractive metallurgy; the second series deals with applications, viz., unit processes of pyrometallurgy (drying, calcining, roasting, sintering and agglomeration, smelting, converting and refining), hydrometallurgy (leaching, separation, precipitation) and electrometallurgy.

*Practical Work:* Three hours a week throughout the year of quantitative laboratory (bench scale) work designed to illustrate the principles of unit processes (metallurgy).

Reference books:

(i) Principles:

Kubaschewski, O., and Evans, E. L., *Metallurgical thermochemistry*, 1951 (Butterworth-Springer).

Inst. of Metallurgists, London, *Principles of extraction and refining of metals* (Refresher course, 1950), March, 1951.

Schuhmann, R., *Metallurgical engineering*, Vol. I, 1952 (Addison-Wesley Press).

Butts, A., *Metallurgical problems*, 1943 (McGraw-Hill).

## (ii) Applications:

- Bray, J. L., *Non-ferrous production metallurgy*, 1941 (Wiley).  
 Bray, J. L., *Ferrous production metallurgy*, 1942 (Wiley).  
 Liddell, D. M., *Handbook of non-ferrous metallurgy*, 2 Vols., 1945 (McGraw-Hill).  
 Inst. of Mining and Metallurgy, London, *The refining of non-ferrous metals*, Symposium, 1950.  
 Am. Inst. M. & M.E., *Basic open-hearth steel making*, 1940 (McGraw-Hill).  
 Mantell, C. L., *Industrial electrochemistry*, 1940 (McGraw-Hill).  
 Dorr, J. V. N., and Bosqui, F. L., *Cyanidation and concentration of gold and silver ores* (2nd ed.) (McGraw-Hill).

## C. INDUSTRIAL ECONOMICS I.

*Lectures:* One hour a week for two terms dealing with the presentation of technical results and literature searches, elementary business principles, and an introduction to industrial economics.

## Reference books:

- Rhodes, F. H., *Technical report writing* (McGraw-Hill).  
 Graves, R., and Hodge, A., *The reader over your shoulder*, 1943 (Cape).  
 Kirkbride, C. G., *Chemical engineering fundamentals*, 1947 (McGraw-Hill).  
 Burnham, T. H., *Engineering economics*, 2 Vols., 1944 (Pitman).  
 Campbell, W., *Business practice and principles*, Part I, 2nd Ed. (Pitman).

## 463. Process Engineering II.

Pre-requisite subjects: Physical Chemistry III (238), Process Engineering I (462), Engineering Drawing II (482).

The work is divided into three parts.

## A. UNIT OPERATIONS II.

*Lectures:* Two hours a week throughout the year devoted primarily to the principles of mass transfer (as exemplified by the unit operations of extraction, distillation and absorption), energy transfer (as exemplified by heat transfer) and the simultaneous transfer of mass and energy (as exemplified by humidification and dehumidification). Treatment, in lesser detail, is also given to adsorption, evaporation, crystallisation, drying and agitation.

*Tutorials:* One hour a week throughout the year is devoted to the solution of practical problems involving the application of fundamental principles.

*Practical Work:* Approximately fifteen hours a week throughout the year, two terms being devoted to laboratory work and one term to a design project. The laboratory work will include both bench-scale and pilot scale investigations, one of which will be associated with the design project.

## Text-book:

- Brown, G. G., *Unit operation*, 1950 (Wiley).

## Reference books:

- Perry, J. H., *Chemical engineers' handbook* (3rd ed.) (McGraw-Hill).  
 Kern, D. Q., *Process heat transfer*, 1950 (McGraw-Hill).  
 McAdams, W. H., *Heat transmission*, 1942 (McGraw-Hill).  
 Clarke, L., *Manual for process engineering calculations*, 1947 (McGraw-Hill).  
 Robinson, C. S., and Gilliland, E. R., *Elements of fractional distillation* (4th ed.) (McGraw-Hill).  
 Treybal, R. E., *Liquid extraction*, 1951 (McGraw-Hill).  
 Sherwood, T. K., and Reed, C. E., *Applied mathematics for chemical engineers*, 1939 (McGraw-Hill).  
 Sherwood, T. K., and Pigford, R. L., *Absorption and extraction*, 1952 (McGraw-Hill).

## B. UNIT PROCESS (INORGANIC CHEMICAL).

*Lectures:* A course of 40 lectures dealing with oxidation, reduction, neutralisation, double decomposition, calcination, hydration, hydrogenation, electrolysis and thermal decomposition; mass and energy balances, thermodynamics, and kinetics, of selected unit processes.

*Practical Work:* Three hours a week during the second and third terms of quantitative laboratory bench-scale work, designed to illustrate the physical and chemical principles of unit processes (inorganic chemical).

Text-books:

- Shreve, R. N., *Chemical process industries*, 1945 (McGraw-Hill).  
Hougen, O. A., and Watson, K. M., *Industrial chemical calculations* (Wiley).

Reference books:

- Kobe, K. A., *Inorganic process industries* (Macmillan).  
Riegel, E. R., *Industrial chemistry* (4th Ed.) (Reinhold).  
Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I, II, and III (Wiley).

C. INDUSTRIAL ECONOMICS II.

*Lectures:* A seminar of two hours a week will be conducted throughout the year dealing with the technical and economic issues involved in the initiation, development, establishment and control of industrial enterprises. The treatment will include research, patents, market surveys, plant location, process development (material, energy and economic balances), the selection and purchase of equipment, plant design and layout, plant control and operation, cost estimates, costing methods and cost control, the structure of industry, financial control (balance sheets, P. & L. statements), works organisation and management (including industrial relations).

Reference books:

- Tyler, C., *Chemical engineering economics* (3rd Ed.) (McGraw-Hill).  
Burnham, T. H., *Engineering economics*, 2 Vols., 1944 (Pitman).  
Vilbrandt, F. C., *Chemical engineering plant design* (2nd Ed.) (McGraw-Hill).  
Kirkbride, C. G., *Chemical engineering fundamentals*, 1947 (McGraw-Hill).  
Clarke, L., *Manual for process engineering calculations*, 1947 (McGraw-Hill).  
Tiffin, J., *Industrial psychology*, 1947 (Prentice-Hall).  
Bichowsky, *Industrial research*, 1942 (Chem. Pub. Co.).  
Fed. British Industries, *Industry and research*, Conference, 1946 (Pitman).  
Walker, H. N., *Australian patents*, 1949 (Law Book Co. of Aust.).  
Yoder, Dale, *Personal management and industrial relations*, 1944 (Prentice-Hall).  
Furnas, C. C., *Research in industry*, 1948 (Van Nostrand).  
Lester, B., *Sales engineering*, 1940 (Wiley).

464. Industrial Instrumentation.

Pre-requisite subject: Inorganic and Physical Chemistry II (233) or Physics II (222).

*Lectures:* One hour a week throughout the year, providing an introduction to the subject of industrial instrumentation; 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.

*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.

Text-book:

- Eckman, D. P., *Industrial instrumentation*, 1951 (Wiley).

Reference books:

- Rhodes, T. J., *Industrial instruments for measurement and control*, 1941 (McGraw-Hill).  
Eckman, D. P., *Principles of industrial process control*, 1945 (Wiley).

**465. Physical Metallurgy I.**

Pre-requisite subjects: Chemistry 1 (231 or 232) and Physics I (221).

*Lectures:* One hour a week throughout the year, dealing with the structure and physical properties of metals, mechanical testing, mechanism of solidification, commercial casting processes, powder metallurgy, recrystallization and grain growth; the phase rule and the constitution of binary alloys; metallography of iron and steel; heat treatment of steels; alloy steels; surface hardening processes; metallography of non-ferrous alloys; welding; corrosion and protection; principles of pyrometry.

*Practical work:* Three hours a week throughout the year of experiments designed to illustrate the fundamental properties of metals and alloys.

Text-book:

Brick and Phillips, *Structure and properties of alloys* (McGraw-Hill).

Reference books:

Doan and Mahla, *Principles of physical metallurgy* (McGraw-Hill).

Sachs and Van Horn, *Practical metallurgy* (Am.Soc.Metals).

Rollason, *Metallurgy for engineers* (Arnold).

*Metals handbook*, 1948 ed. (Am. Soc. Metals).

**466. Ore Dressing.**

Pre-requisite subject: Geology 1 (251).

*Lectures:* Two hours a week for two terms dealing with the theory of comminution, crushing, grinding; screening, classification; gravity and electrical concentration, flotation; dewatering; mill design and control.

*Practical Work:* Three hours a week for two terms of bench and pilot scale experiments designed to illustrate the principles of ore dressing.

Text-book:

Taggart, A. F., *Elements of ore dressing* (Wiley, 1951).

Reference books:

Gaudin, A. M., *Principles of mineral dressing*, 1939 (McGraw-Hill).

Taggart, A. F., *Handbook of mineral dressing*, 1945 (Wiley).

Wark, I. W., *Principles of flotation*, 1938 (Australasian Institute of Mining and Metallurgy).

Michell, F. B., *The practice of mineral dressing* (Electrical Press).

**471. Mining Engineering I.**

Pre-requisite subjects: Geology I (251), Engineering Drawing II (482), and if Surveying IA (484) has not been passed, it must be taken concurrently.

The course consists of two lectures a week throughout the year, and is a general treatment of the field of mining engineering, viz.: prospecting and surface exploration, sampling, explosives, mine development, support of mine excavations, stopping methods, elementary coal mining, and tunnelling.

Text-books:

Lewis, R. S., *Elements of mining* (Wiley); or

Young, C. T., *Elements of mining* (McGraw-Hill); or

Higham, S., *An introduction to metalliferous mining* (Griffin and Co.).

Reference books:

Brookes, B. C., and Dick, W. F. L., *Introduction to statistical method* (Heinemann Ltd.).

Beringer, B., *Underground practice in mining* (Mining Publ. Ltd.).

Eaton, L., *Practical mine development and equipment* (McGraw-Hill).

Truscott, S. J., *Mine economics* (Mining Publ. Ltd.).

Jackson, C. F., and Hedges, J. H., *Metal mining practice* (U.S. Bureau of Mines Bulletin 419).

Elford and McKeown, *Coal mining in Australia* (Tait Publishing Co. Pty. Ltd.).

Richardson and Mayo, *Practical tunnel driving* (McGraw-Hill).

**472. Mining Engineering II.**

Pre-requisite subjects: Mining Engineering I (471), Strength of Materials (436), Hydraulics (434).

*Lectures:* Three hours a week throughout the year, dealing with underground transport, hoisting, drainage and pumping, mine ventilation, rock pressure and



subsidence, mining economics, mining law, mine surveying and advanced treatment of mining methods.

*Practical Work:* Twelve hours a week throughout the year, comprising practical survey work and design work relating to mining operations and mine plant.

At the end of the academic year each student must submit a satisfactory paper on an approved subject.

**Text-books:**

- Peele, R., *Mining engineers' handbook* (2 vols.) (3rd ed.) (Wiley).  
Baxter and Park, *Examination and valuation of a mineral property* (Addison Wesley).

**Reference books:**

- Staley, W., *Mine plant design* (McGraw-Hill).  
Jeppe, C. B., *Gold mining on the Witwatersrand* (Transvaal Chamber of Mines).  
Spalding, J., *Deep mining* (Mining Publ. Ltd.).  
Broughton, H. H., *Electric winders* (Spon).  
Willcox, F., *Mine accounting and financial administration* (Pitman).  
Metcalf, J. E., *Mining engineers' survey manual* (Electrical Press).  
Winiberg, F., *Metalliferous mine surveying* (Mining Publ. Ltd.).  
Winiberg, F., *Surveying calculations* (Mining Publ. Ltd.).  
Haddock, M., *Deep borehole surveys and problems* (McGraw-Hill).  
Staley, W., *Introduction to mine surveying* (Stanford Univ. Press).  
Lovering, T. S., *Minerals in world affairs* (Prentice-Hall).  
Fish, C. L., *The engineering method* (Stanford Univ. Press).  
Gill, C. H., *Dust, its effects on the respiratory system* (Lewis).  
Dobb, M., *Wages* (Nisbet and C.U.P.).

Students should provide themselves with seven-figure logarithmic tables, such as Chambers' *Mathematical tables*.

**476. Mining, Metallurgical and Chemical Engineering Trip.**

During the May or August vacation students are taken to visit mines and industrial plants in South Australia, or in other States. Each trip lasts for one or two weeks, and students pay their own costs.

**481. Engineering Drawing I.**

This course is given at the School of Mines as Engineering Drawing and Design I.

It is an introductory course in technical drawing, descriptive geometry and dimensioned sketching, occupying four hours a week throughout the year. Students must provide themselves with an approved set of drawing instruments.

Instruments and their uses; plane geometrical constructions; representation of objects in multi-view projection; auxiliary views; true lengths and shapes; axonometric projections; perspective; dimensioning; drawing office practice; sketching; ink work.

**Text-books:**

- French, T. E., *Engineering drawing* (McGraw-Hill).  
*Australian standard engineering drawing practice* (Institution of Engineers, Australia).

**482. Engineering Drawing II.**

This course comprises two terms of the course given at the School of Mines as Engineering Drawing and Design II.

Pre-requisite subjects: Engineering Drawing I (481) and Pure Mathematics I (201). If Strength of Materials (436) has not already been passed, it must be taken concurrently.

Design principles, procedure and standards; limits and fits; welded, riveted and screwed joints; thin cylinders. Mechanical transmission of power; bearings; shafting, couplings, and physical metallurgy.

**Text-books:**

- Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw-Hill) or

Faires, V. M., *Design of machine elements* (Macmillan).  
 French, T. E., *Engineering drawing* (McGraw-Hill).

Reference books:

Maleer, V. L., *Machine design* (International).  
 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* 1953.  
*British standard specifications* (B.S.I.).  
*Australian standard specifications* (S.A.A.).

#### 483. Engineering Materials.

Pre-requisite subjects: Inorganic Chemistry I (232) and Physics I (221).

*Lectures and Practical Work:* The course consists of one lecture a week throughout the year and three hours' practical work or equivalent demonstrations for two terms, providing an elementary introduction to fuels, combustion, furnaces; the production, constitution and structure of ferrous and non-ferrous alloys; metal fabrication, welding, plating, corrosion and heat treatment; clay products, cements and insulating materials; wood products, plastics, and adhesives.

Text-book:

White, A. H., *Engineering materials*, 1948 (McGraw-Hill).

Reference books:

Griswold, J., *Fuels, combustion and furnaces*, 1946 (McGraw-Hill).  
 Rollason, *Metallurgy for engineers* (Arnold).

#### 484. Surveying IA.

A course of one lecture and three hours' field work a week, throughout the year, taken by students in Mining and Architectural Engineering. The construction, adjustment and use of instruments; chain surveys; levelling; traverses, measurement and setting out of earthwork; curve ranging; computation of traverses and levels; areas and volumes with straight and irregular boundaries; stadia measurements; determination of azimuth (simple methods). Plotting and finishing plans, sections and tracings.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable).

Students should provide themselves with seven-figure logarithmic tables, such as Chambers' *Mathematical tables*.

#### 485. Workshop Practice I.

The course is divided into two parts, and is held in the first and second terms.

1. An introductory course of lectures covering the fundamentals of workshop organisation and the more common operations and processes.

*Lectures:* The fundamentals of workshop organisation; common operations and processes—pattermaking, foundry work, welding, soldering and brazing, machine shop practices; safety principles.

*Practical Work:* Simple exercises in grinding, chipping, filing, drilling, boring, turning, forging, welding the use of common measuring tools.

Processes and tools: Pattermaking, moulding, foundry practice; forging, major hand and machine processes and tools. Welding. Machine tools, construction and capabilities of standard and well-known machine tools, including typical constructions for wear adjustments, convenience of controls, protection of parts from swarf and dirt, cleaning and lubrication, feed mechanism and capability of machines. Adjustment tests, machining methods, tolerances, inspection.

2. Practical work: Instructions and simple exercises in grinding, chipping, filing, fitting, drilling, reaming, boring, turning, screw cutting, riveting, sheet metal work, brazing, soldering, and elements of oxy-acetylene welding and gas cutting.

**486. Workshop Practice II.**

A course in more advanced machine shop practice, welding and heat treatment, consisting of lectures, demonstrations and practical work.

Laying out work, scraping machine parts. Tool grinding. Turning. Screw cutting. Milling. Planing and shaping. Adjustment of cutting tools and cutting speeds and feeds. Manual and automatic A.C. and D.C. arc welding. Spot, seam, butt and flash resistance welding. Flame machining and hard surfacing. Protective metal coatings.

Fundamentals of toolmaking; heat treatment; gear cutting; thread milling and generating; cylindrical and surface grinding and chucking; turret and automatic screw machine practice; grinding and lapping; breaching; alignment and babbiting of bearings; precision measuring; presses and press tools.

**491. First Aid.**

Candidates for the degree of B.E. are required to produce evidence of their having satisfactorily completed a course of instruction in First Aid approved by the Council. They may either qualify for the certificate of the St. John Ambulance Association or satisfactorily complete a special course arranged for Engineering students by the University.

**492. General Engineering.**

All candidates are required in the first year to attend a short course of lectures intended to provide a descriptive survey of the various major branches of Engineering, including their historical development. The departments of Civil, Mechanical, Electrical, Mining, Metallurgical and Chemical, and Architectural Engineering each provide part of the course. There is no examination, but attendance is required for at least 75 per cent. of the lectures.

**493. Industrial Engineering.**

Financial principles and their application to engineering; contracts; industrial organisation and administration; production engineering; production and material control; time and operation study; methods of wage payment; plant layout; principles of cost accounting.

Text-book:

Cornell, W. B., *Organisation and management* (Ronald); or  
Bethel, L. L., and others, *Industrial organisation and management*  
(McGraw-Hill).

Reference books:

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 specialised 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.

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**FACULTY OF LAW****GENERAL NOTES**

Those students who began the course in 1953 or later are proceeding under current regulations, but those who began the course before 1953 are proceeding under regulations now repealed. The subjects listed below are those which will, in 1955, be given under each set of regulations. Under the old regulations, subjects are divided into ordinary subjects and special subjects. For an explanation of these terms, see University calendars for 1952 or earlier years.

## A. SUBJECTS UNDER CURRENT REGULATIONS

## I. Elements of Law (501).

- (a) The forms of law, written and unwritten (common law, equity, statutes, custom, etc.).
- (b) Principles of legal interpretation.
- (c) Outline of the constitution and jurisdiction of Australian courts.
- (d) Outline of the growth of English courts.

## Text-books:

- Geldart, W. M., *Elements of English law* (5th ed.) (O.U.P.).
- Hanbury, H. G., *English courts of law* (O.U.P.).
- Williams, G. L., *Learning the law* (4th ed. with Australian supplement) (Stevens).

## Reference books (available in the Library):

- Baalman, J., *Outline of law in Australia* (Law Book Co. of Aust.).
- Allen, C. K., *Law in the making* (O.U.P.).
- Pollock, F., *First book of jurisprudence* (Macmillan).
- Maitland, F. W., *The forms of action at common law* (C.U.P.).
- Beal, E., *Cardinal rules of legal interpretation* (Stevens).
- Sutton, R., *Personal actions at common law* (Butterworth).
- Plucknett, T. F. T., *Concise history of the common law* (Butterworth).
- Potter, H., *Historical introduction to English law* (Sweet and Maxwell).
- Holdsworth, W. S., *History of English law*, Vol. I (4th ed.) (Methuen).
- Windeyer, W. J. V., *Lectures on legal history* (2nd ed.) (Law Book Co. of Aust.).
- Radcliffe, G. R. Y., and Cross, G., *English legal system* (2nd ed.) (Butterworth).
- Allen, C. K., *The Queen's peace* (Stevens).

Note: Students will be expected to have read the text-books before the beginning of lectures.

## 2. Constitutional Law, Part I (502).

- (a) English constitutional law and history.
- (b) The development of responsible government in the British Empire, and contemporary inter-Commonwealth relations.
- (c) International law in so far as it relates to Australia.
- (d) The constitution of South Australia.

## Text-books:

- Wade, E. C. S., and Phillips, G. G., *Constitutional law* (4th ed.) (Longmans).
- Jennings, W. I., *Law and the constitution* (Univ. of London pr.).

## Reference books:

- Dicey, A. V., *Introduction to the study of the law of the constitution* (9th ed. or later) (Macmillan).
- Keir, D. L., and Lawson, F. H., *Cases in constitutional law* (4th ed.) (O.U.P.).
- Amos, M., *The English constitution* (Longmans).
- Starke, J. G., *An introduction to international law* (2nd ed.) (Butterworth).
- Evatt, H. V., *The king and his dominion governors* (O.U.P.).
- Taswell-Langmead, T. P., *English constitutional history* (10th ed.) (Sweet and Maxwell).
- Phillips, Hood, *The constitutional law of Great Britain and the Commonwealth* (Sweet and Maxwell).

Note: Students will be expected to have read Jennings, W. I., *Law and the constitution*, before the beginning of lectures.

## 3. Criminal Law (503).

- (a) General principles of criminal law.
- (b) Specific crimes.
- (c) Statutes and reports of cases, specially prescribed in lectures.

## Text-books:

- Either Kenny, C. S., *Outlines of criminal law* (16th ed.) (C.U.P.), or Cross, R., and Jones, P. A., *An introduction to criminal law* (3rd ed.) (Butterworth).

## Reference books:

- Russell, W. O., *Treatise on felonies and misdemeanours* (10th ed.) (Stevens).  
 Stephen, J. F., *Digest of the criminal law* (9th ed.) (Sweet and Maxwell).  
 Stephen, J. F., *History of the criminal law of England* (Macmillan).  
 Barry, Paton, and Sawyer, *An introduction to the criminal law in Australia* (Macmillan).  
 Royal Commission on Capital Punishment, *Report, 1949-1953*, Comd. 8932 (H.M.S.O.).  
 Glanville Williams, *Criminal law* (Stevens).

## 4 and 5. (504 and 505).

See Regulations 3 (a) (iv) and (v) of the LL.B. Regulations; candidates who wish to present subjects other than those named in the Regulations must make written application to the Dean of the Faculty.

## 6. The Law of Contract (507).

- (a) General principles of the law of contract.  
 (b) Statutes and reports of cases specially prescribed in lectures.

## Text-book:

Cheshire, G. C., and Fifoot, C. H. S., *Law of contracts* (3rd ed.) (Butterworth).

## Reference books:

- Chitty, *Contracts* (Sweet and Maxwell).  
 Caporn, A. C. and F. M., *Selected cases illustrating the law of contracts* (Stevens); or  
 Miles, J. C., and Brierly, J. L., *Cases illustrating general principles of the law of contract* (O.U.P.).  
 Williston, A. *treatise on the law of contracts* (revised ed.) (Baker, Voorhis).  
*The restatement of contract* (American Law Institute).

## 7. The Law of Torts (508).

- (a) General principles of the law of torts.  
 (b) Specific torts.  
 (c) Statutes and reports of cases specifically prescribed in lectures.

## Text-books:

- Winfield, P. H., *Text-book of the law of tort* (4th or 5th ed.) (Sweet and Maxwell).  
 Morison, W. L., *Cases in the law of torts* (Law Book Co. of A/sia).

## Reference books:

- Salmond, J., *Law of torts* (11th ed.) (Sweet and Maxwell).  
 Pollock, F., *Law of torts* (15th ed.) (Stevens).  
 Clerk, J. F., and Lindsell, W. H. B., *Law of torts* (10th ed.) (Sweet and Maxwell).  
 Williams, G. L., *Joint torts and contributory negligence* (Stevens).

## 8. The Law of Property (509).

- (a) Principles of the law of real and personal property, and particularly: estates in land, equitable ownership, future estates, powers of appointment, the rule against perpetuities, servitudes, and the general principles of personal property.  
 (b) Statutes: Law of Property Act, 1936-1945; Real Property Act, 1886-1945; Real Property (Registration of Titles) Act, 1945; Estates Tail Act, 1881; and other Statutes as prescribed in lectures.  
 (c) Reports of cases specially prescribed in lectures.

## Reference books:

- Cheshire, G. C., *Modern law of real property* (6th ed.) (Butterworth).  
 Williams, J., *Principles of the law of personal property* (18th ed.) (Sweet and Maxwell).

- Megarry, R. E., *A manual of the law of real property*, 1949 (Stevens and Sons).  
 Kerr, D., *Australian land titles (Torrens) system* (Law Book Co. of Aust.).  
 Baalman, J., *Torrens system in N.S.W.* (Law Book Co. of Aust.).  
 Jessup, G. A., *Forms and practice of lands titles office of S.A.* (2nd ed.) (Law Book Co. of Aust.).

#### 9. Constitutional Law, Part II (510).

- (a) The constitution of the Australian Commonwealth.  
 (b) English and Australian administrative law.  
 (c) Australian treaty-relations with foreign states, and participation in international organizations.

##### Text-book:

Sawer, G., *Cases on the constitution of the Commonwealth of Australia* (Law Book Co. of Aust.).

##### Reference books:

- Knowles, G. S., *Commonwealth of Australia constitution act* (Canberra).  
 Phillips, Hood, *The constitutional law of Great Britain and the Commonwealth* (Sweet and Maxwell).  
 Wynes, W. A., *Legislative and executive powers in Australia* (Law Book Co. of Aust.).  
 Nicholas, H. S., *Australian constitution* (Law Book Co. of Aust.).  
 Else-Mitchell, R., *Essays on the Australian constitution* (Law Book Co. of Aust.).  
 Allen, C. K., *Law and orders* (Stevens).  
 Sieghart, M.A., *Government by decree* (Stevens).  
 Robson, W. A., *Justice and administrative law* (Stevens).  
 Friedmann, W., *Principles of Australian administrative law* (M.U.P.).

#### 10. Jurisprudence (512).

- (a) The philosophy of law.  
 (b) Historical and analytical jurisprudence.

##### Text-books:

- Paton, *A text-book of jurisprudence* (2nd ed., O.U.P.).  
 Hall, *Readings in jurisprudence* (Bobbs-Merrill, 1938).

##### Reference books:

- Allen, *Law in the making* (5th ed., 1951, O.U.P.).  
 Cardozo, *The nature of the judicial process* (1948, Y.U.P.).  
 d'Entrèves, *Natural law* (1951, Hutchinsons Uni. Library).  
 Diamond, *The evolution of law and order* (1951, Watts).  
 Friedmann, *Legal theory* (3rd ed., 1953, Stevens).  
 Jones, *Historical introduction to the theory of law* (O.U.P., 1940).  
 Salmond, *Jurisprudence* (10th ed., 1947, Sweet and Maxwell).  
 Stone, *The province and function of law* (Maitland, 1952).

Students are expected before the beginning of the course to have read Sabine, *History of political theory*, especially sections on Aristotle, Cicero, Aquinas, Machiavelli, Hobbes, Locke, Rousseau, Bentham, Austin, Kant, Hegel, Marx.

#### 11. Roman Law (513).

A course of lectures extending over two terms on the following topics:

- (a) A general outline of Roman private law.  
 (b) The Roman Law of Sale, studied in comparison with the law of sale of goods in South Australia.

##### Text-books:

- Turner, *Introduction to the study of Roman private law* (Bowes & Bowes).  
 (This book should be read before lectures begin.)  
 Gaius (ed. de Zulueta) (2 vols.) (O.U.P.).  
 (Students will be referred to selected texts.)  
 Lee, R. W., *The elements of Roman law* (3rd ed., Sweet and Maxwell).  
 de Zulueta, *The Roman law of sale* (O.U.P.).  
 (Students will be referred to selected texts.)  
 Chalmers, *Sale of goods* (12th ed., Butterworth).

## Reference books:

- Buckland, *A text-book of Roman law* (C.U.P.).  
 Jolowicz, *Historical introduction to the study of Roman law* (2nd ed., C.U.P.).  
*Justinian's Institutes* (ed. Moyle, O.U.P.).  
 Schulz, *Classical Roman law* (O.U.P.).

In the examination in this subject, passages from the selected texts will be set for translation and comment.

**12. Legal History (514).**

No attempt will be made to deal with the entire history of English law. Lectures will be confined to a number of special subjects, but students may be asked questions in the examination outside the scope of the subjects selected each year to be discussed in the lectures. The lecture subjects for the year 1955 will be:

- (a) Trespass and Case.
- (b) The History of Contract.
- (c) Uses and Trusts.
- (d) Another topic or topics to be announced later.

## Text-books:

There is no one text-book which within a short compass deals adequately with all the subjects to be discussed. But students should provide themselves with the following work which deals with subjects (a) and (b).

Fifoot, C. H. S., *History and sources of the common law* (Stevens).

## Reference books:

- The following books contain material relevant to subjects (a), (b) and (c):  
 Holdsworth, W. S., *A history of English law*, especially volumes 3, 7 and 8 (Methuen).  
 Holdsworth, W. S., *Historical introduction to the land law* (O.U.P.).  
 Plucknett, T. F. T., *Concise history of the common law*, 4th ed., 1948 (Butterworth).  
 Ames, J. B., *Lectures on legal history* (Harvard U.P.).  
 Pollock, F. and Maitland F. W., *History of English law* (2 vols., C.U.P.).  
 Holmes, O. W., *The common law* (Little Brown and Co.).  
 Maitland, F. W., *Collected Papers* (C.U.P.).  
 Maitland, F. W., *The forms of action at common law* (C.U.P.).  
 Kiralfy, A. K., *The action on the case* (Sweet and Maxwell).  
 Potter, H., *Historical introduction to English law* (Sweet and Maxwell).  
 Various authors, *Select essays in Anglo-American legal history* (3 vols., Little Brown and Co.).

In respect of subject (d) students will be referred to relevant books during the course of the lectures.

**13. Equity (515).**

- (a) Such of the following special subjects as may be chosen by the lecturer:—  
 (1) Terms of years; (2) The principles of equity and equitable estates and interests; (3) Trusts; (4) Mortgages; (5) Bills of sale; (6) Administration of deceased persons' estates; (7) Married women's property; (8) The principles of conveyancing.
- (b) The Statutes relating to the special subjects and referred to in the lectures.
- (c) Reports of cases specially prescribed in lectures.

## Text-books:

- Ashburner, W., *Principles of equity* (Butterworth).  
 Hanbury, H. G., *Modern equity* (Stevens).  
 Other books on particular subjects suggested in lectures.

## Reference books:

- McDougall, A., *Modern conveyancing* (Pitman).  
 As suggested in lectures.

**14. Mercantile Law (516).**

A course of lectures extending over one year and dealing with sale of goods, negotiable instruments, bills of sale, hire purchase agreements, agency, insurance, suretyship, and such other subjects as the lecturer may choose.

## Text-book:

Charlesworth, J., *Principles of mercantile law* (7th ed.) (excluding partnership and bankruptcy) (Sweet).

## Reference books:

Russell, F. A. A., and Edwards, D. S., *Law relating to bills of exchange in Australia* (2nd ed.) (Sydney Law Book).

Chalmers, M. D., *Digest of the law of bills of exchange* (11th ed.) (Stevens).

Hanbury, H. G., *Principles of agency* (Stevens).

Byles, J. B., *Treatise of the law of bills of exchange* (20th ed.) (Sweet and Maxwell).

Smith, J. W., *Compendium of mercantile law* (13th ed.) (Stevens).

Dean, A., *Law relating to hire purchase in Australia* (2nd ed.) (Sydney Law Book).

Benjamin, J. P., *Treatise on the law of sale of personal property* (7th ed.) (Sweet and Maxwell).

Anson, W. R., *Principles of the English law of contract* (19th ed.) (O.U.P.).

Bowstead, W., *Digest of the law of agency* (10th ed.) (Sweet and Maxwell).

Rowlatt, S. A., *Law of principal and surety* (3rd ed.) (Sweet and Maxwell).

**B. SUBJECTS UNDER REPEALED REGULATIONS.**

(See Calendars for 1952 or earlier years.)

**ORDINARY SUBJECTS****1. The Law of Wrongs.**

Candidates will be expected to attend the lectures given in Criminal Law and in Torts under the new regulations, and will be examined in these subjects.

**2. The Law of Property (Real and Personal).**

As for the law of Property under new regulations.

**3. The Law Relating to Companies, Partnership, Bankruptcy, and Divorce.**

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. of Australia).

Lewis, A. N., *Text-book of Australian bankruptcy law* (Law Book Co. of Australia).

And such other text-books as are suggested in class.

**4. The Law of Evidence and Procedure.**

The law of evidence generally. Pleading and practice in the Supreme Court and Local Court.

## Text-books:

Wills, W., *Law of evidence in civil and criminal cases* (Stevens).

Cockle, E., *Cases and statutes on the law of evidence* (Sweet and Maxwell).

Odgers, W. B., *Principles of pleading* (Stevens).

## Reference books:

Phipson, S. L., *Manual of the law of evidence* (Sweet and Maxwell).

*The Annual Practice* (Sweet and Maxwell).

Hannan, A. J., *Practice of the Local Court in South Australia* (Law Book Co. of Aust.).

**5. Constitutional Law.**

Students will be required to attend lectures in divisions (a) and (b) of Constitutional Law, Part I, and divisions (a) and (b) of Constitutional Law, Part II, under the new regulations. They will be examined separately on the syllabus contained in those lectures.



## Text-books:

Wade, E. C. S., and Phillips, G. G., *Constitutional law* (4th ed.)  
(Longmans).

Sawyer, G., *Cases of the constitution of the Commonwealth of Australia* (Law Book Co. of Aust.).

## Reference books:

Texts referred to in the lectures.

## 6. The Law of Equity and Conveyancing.

The same course as prescribed for Equity (515) under the current regulations.

## 7. Mercantile Law.

The same course as prescribed for Mercantile Law (516) under the current regulations.

## SPECIAL SUBJECTS

## I. Latin.

The same course as prescribed for Latin I for the Ordinary degree of Bachelor of Arts.

## 2 and 3.

Courses I and II in any subject named in regulation 2 of the degree of Bachelor of Arts except Geography, Music, Botany, Zoology, and Geology; or two courses in related subjects approved for the purpose by the Faculty of Law; provided that a student who wishes to do so may present either Latin II and III, or Latin II and one unit in another approved Arts subject as these special subjects.

## 4. Jurisprudence (including Roman Law).

Students will attend the lectures given in Jurisprudence (512) and certain of those given in Roman Law (513). They will be examined separately.

## 5. Private International Law.

The course of lectures is given in alternate years, and is completed in one year. It will not be given in 1955.

## FACULTY OF MEDICINE

## DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

## FIRST EXAMINATION

## 531. Physics.

A course of lectures (three hours a week) and practical work (three hours a week) throughout the academic year.

## Text-books:

Students should have available one of the text-books prescribed for Course 221, together with *either*.

Rogers, J. S., *Physics for medical students* (Univ. of Melb. pr.); or

Webster, H. C., and Robertson, D. F., *Medical physics* (Univ. of Queens. pr.).

## 532. Chemistry.

The course in Chemistry for medical students comprises (a) a series of three lectures weekly throughout the year, and (b) a course of instruction in practical work twice weekly for three terms. The lectures are given on Mondays at 9 a.m. and on Tuesdays and Thursdays at 12 noon. Lectures on Mondays throughout the year and Thursdays during the first term deal with Inorganic and Physical Chemistry, and the other lectures are on Organic Chemistry. The practical classes meet on Tuesdays and Thursdays from 9 a.m. to 12 noon throughout the three terms, and the work includes qualitative and volumetric methods of analysis using semi-micro methods. Laboratory exercises in organic chemistry are also set. Notes on the practical work are supplied and the principles involved in the analyses are discussed.

## Text-books:

Amsden, J. P., *Physical chemistry for premedical students* (McGraw-Hill).  
 Macbeth, A. K., *Organic chemistry* (Longmans).

## Reference books:

Partington, J. R., *General and inorganic chemistry* (Macmillan).  
 Vogel, A. I., *Text-book of qualitative chemical analysis* (Longmans).

## 533. Botany.

The course of lectures (three hours a week) and practical work (six hours a week) in plant biology deals with the following:

- (a) Elementary morphology and anatomy of angiosperms.
- (b) Outline of the physiology of autotrophic and heterotrophic plants.
- (c) Morphology and life history of selected algae, moss, fern, gymnosperm and angiosperm treated from evolutionary point of view; sexual reproduction; introduction to genetics.

Students taking this course attend lectures and practical work during the third term only.

## Text-books:

Codwin, H., *Plant biology* (C.U.P.).  
 James, W. O., *Elements of plant biology*, 3rd ed. (Allen and Unwin).

## 534. Zoology.

A course of lectures (two hours a week) and practical work (six hours a week) during the first two terms of the academic year.

## Text-book:

Weimer, B. R., *Man and the animal world* (Chapman and Sons).

## Reference books:

Buchsbaum, R. M., *Animals without backbones*, vols. I and II (Penguin Books).  
 Gerard, R. W., *Unresting cells* (Harper).  
 Marshall, A. M., and Hurst, C. H., *Practical zoology* (Murray).

## SECOND EXAMINATION

## 541. Biochemistry.

This course consists of three lectures and two periods of laboratory work a week during the first term and two lectures and one period of laboratory work a week during the second and third terms of the second year.

## Subject-matter of the course:

First term.—The chemistry of carbohydrates, lipids and proteins in relation to foodstuffs and living tissues; the nature and activity of enzymes and the chemistry of digestion; the composition and function of blood and of other tissue fluids.

Second and third terms.—The absorption and intermediary metabolism of foodstuffs; energy relationships and oxidation mechanisms; vitamins; the metabolism of water and inorganic elements; the chemistry of hormones; abnormalities of metabolism.

An additional course of about twelve lectures on clinical tests is given to medical students in connection with their practical work in the second and third terms.

## PRACTICAL WORK:

During the first term students perform experiments illustrating the chemical properties of carbohydrates, fats, proteins, enzymes, and other substances of biochemical importance.

In the second and third terms, medical students conduct quantitative examinations of urine, milk, blood and gastric contents, and perform various clinical tests.

## Text-books recommended:

Mitchell, P. H., *Textbook of biochemistry* (latest ed.) (McGraw-Hill).  
 Cameron, A. T., *Textbook of biochemistry* (6th ed.) (Churchill); or  
 Harrow, B., *Textbook of biochemistry* (4th ed.) (Saunders); or

Kleiner, I. S., *Human biochemistry* (2nd ed.) (Kimpton).  
 Mitchell, M. L., *Handbook of practical biochemistry* (Hassell).

Reference book:

Cantarow, A., and Trumper, M., *Clinical biochemistry* (3rd ed.) (Saunders).

**542. Embryology and Histology.**

A course of lectures and practical classes on the development and microscopic structure of the tissues, organs and systems of the body, extending over three terms. Before the time of examination students are required to submit their notebooks as evidence of satisfactory attendance at practical classes. Medical students are expected to provide their own microscopes and the following books:

Maximow, A. A., and Bloom, W., *A text-book of histology* (6th ed.) (Saunders); together with:

Hamilton, W. J., and others, *Human embryology* (Heffer).  
 Ford, E. B., *Genetics for medical students* (3rd ed.) (Methuen).

Recommended for further reading:

Clark, W. E. Le Gros, *The tissues of the body* (2nd ed.) (O.U.P.).  
 Corner, G. W., *Ourselves unborn* (Yale U.P.).  
 Barclay, A. E., and others, *Foetal circulation and cardiovascular system, a synopsis for students* (Blackwell).  
 Ham, A. W., *Histology*, 2nd ed. (Lippincott).  
 Smith, C. A., *The physiology of the newborn infant* (2nd ed.) (Thomas).

THIRD EXAMINATION

**546. Anatomy.**

The course in Anatomy extends over six 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 the part of the body under dissection at the time.

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 and sixth terms, lectures and demonstrations on special topics not already covered by the course.

Students must equip themselves with dissecting instruments, half a human skeleton, and the following books:

Abbie, A. A., *Principles of anatomy* (3rd ed.) (Angus and Robertson).  
 Gray, H., *Anatomy, descriptive and applied* (Longmans); or  
 Cunningham, D. J., *Textbook of anatomy* (O.U.P.); or  
 Buchanan, A. M., *Manual of anatomy* (7th ed.) (Ballière, Tindall, and Cox).  
 Cunningham, D. J., *Manual of practical anatomy* (3 vols.) (O.U.P.).  
 Ford, E. B., *Genetics for medical students* (Methuen).

The following books are also recommended:

Appleton, A. B., Hamilton, W. J., and Simon, G., *Surface and radiological anatomy* (latest ed.) (Heffer).  
 Lockhart, R. D., *Living anatomy* (Faber).  
 Maguire, F. A., *Anatomy of the female pelvis* (Angus and Robertson).  
 Ranson, S. W., *Anatomy of the nervous system from the standpoint of development and function* (8th ed.) (Saunders).

Books for further reading and reference will be recommended from time to time and can be consulted in the medical library.

**547. Human Physiology.**

The course in Human Physiology extends over the second and third terms of the second year and the whole of the third year of medical study. Text-books recommended are Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière Tindall and Cox), Wright, S., *Applied physiology* (O.U.P.), and Lamb, F. W., *Introduction to human experimental physiology* (Longmans). For the continuation of this subject into the fourth and fifth years of medical study see syllabus no. 563.

**FOURTH EXAMINATION****551. General Pathology.**

This course comprises an introduction to the subject. The general tissue reactions in disease are considered, particularly the inflammatory reaction, neoplasia and the retrograde tissue changes, both in systematic lectures and by practical work in the laboratory of histopathology. An introductory course in clinical pathological methods is included.

**Text-book:**

Wright, G. P., *An introduction to pathology* (Longmans) latest edition.

**552. Bacteriology.**

Morphology, physiology, cultivation, isolation and classification of bacteria; principles of sterilisation, disinfection and chemotherapy; principles of immunology; the filterable viruses; elementary medical mycology; protozoa of medical importance. Bacteria in relation to disease: general and special bacteriological methods useful in diagnosis; collection of specimens for bacteriological and serological examination; the bacteriology, immunology and epidemiology of specific infections.

**Text-books:**

Fairbrother, R. W., *A text-book of bacteriology* (latest ed.). Heinemann.  
Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology*. (9th ed.). (Livingstone).

**Reference books:**

Rhodes A. J., and van Rooyen, C. E., *Text-book of virology* (latest ed.). (Thomas Nelson).  
Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity* (3rd ed.). (Arnold).

**553. Applied Physiology and Pharmacology.**

The course extends through three consecutive terms beginning with the third term in the third year of medical studies. There will be two lectures a week in the third term of third year and one lecture a week in the first and second terms of fourth year. The subject-matter will be the application of the more important principles of physiology and pharmacology to medicine and surgery.

**Text-books:**

Clark, A. J., *Applied pharmacology* (Churchill).  
Wright, S., *Applied physiology* (O.U.P.).

**Reference book:**

Sollman, T., *A manual of pharmacology* (Saunders).

**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:**

White, W. Hale, *Materia medica, pharmacy, pharmacology, and therapeutics* (Churchill).  
*Royal Adelaide Hospital pharmacopoeia.*  
*Adelaide Children's Hospital pharmacopoeia.*

## FIFTH EXAMINATION.

## 561. Special Pathology.

In this course the naked-eye and microscopic changes in diseased organs and tissues are considered in detail, and the morbid physiology of disease is also discussed. The course comprises:

- (i) Systematic lectures;
- (ii) Practical work in the laboratory of histopathology;
- (iii) Clinico-pathological demonstrations of selected cases, which are held weekly during term;
- (iv) Attendance at autopsies in the mortuary of the Royal Adelaide Hospital. Autopsies are held daily when material is available, and students are required to attend as many as possible, and in any case not fewer than forty per annum.

## Text-books:

Capell, D. F., *Muir's text-book of pathology* (Arnold) or  
 Boyd, W., *Text-book of pathology* (Lea and Febiger).  
 Hadfield, G., *Recent advances in pathology* (6th ed.) (Churchill).  
 Hutchison, R., and Hunter, D., *Clinical methods* (Cassell).

## Reference books:

Dible, J. H., and Davie, T. B., *Pathology, an introduction to medicine and surgery* (Churchill).  
 Karsner, H. T., *Human pathology* (6th ed.) (Lipincott).  
 Ogilvie, R. F., *Pathological histology* (Livingstone).  
 Willis, R., *Pathology of tumours* (Butterworth).  
 Whitby, L. E. H., and Britton, C. J. C., *Disorders of the blood* (Churchill).  
 Dyke, S. C., *Recent advances in clinical pathology* (Churchill).  
 Novak, E., *Gynaecological and obstetrical pathology* (Saunders).

## 562. Public Health and Preventive Medicine.

The course of lectures deals with the principles of the subject and with their application in modern communities. The principal elements in a public health programme are reviewed: (1) eugenics and heredity, (2) maternal welfare and prenatal care, (3) infant welfare, (4) child welfare, (5) industrial hygiene, (6) food and nutrition, (7) water supplies, (8) personal hygiene, physical and mental, (9) communicable diseases, and the principles of epidemiology and immunity, (10) non-communicable diseases and hospital organisation, (11) sanitary engineering and housing, (12) vital statistics and demography, (13) medical research, (14) public health education, (15) military medicine.

Consideration is given to the place of preventive medicine in the curriculum, to the clinical and social aspects of preventive medicine, to the role of the general practitioner in public health administration, and to the health legislation in S.A.—the Health Act, the Food and Drugs Act, the Local Government Act, the Venereal Diseases Act, the Dangerous Drugs Act, and the relevant regulations.

The course of study is divided into four parts:

1. A short introductory series of lectures dealing with the general principles of social medicine, the organisation of health services, personal hygiene, nutrition and dietetics, and medical statistics. These lectures are given to students beginning clinical work at the Royal Adelaide Hospital.
2. Lectures on public health or community hygiene, covering the principal elements in a public health programme, as listed above.
3. Lectures on the preventive aspects of clinical medicine.
4. Demonstrations and visits, including some of the following features: the quarantine station at Torrens Is., the pasteurisation of milk, air conditioning plant, a swimming pool, sewage treatment, a child health centre, abattoirs, a modern bakery, and an office of a Board of Health.

## Reference books:

American Public Health Association, *Control of communicable diseases* (1950).  
 Burn, J. L., *Recent advances in public health* (Churchill).  
 Boyd, M. F., *Preventive medicine* (Saunders).  
 Currie, J. R., and Mearns, A. G., *Hygiene* (Livingstone).  
 Current issues of *Good health*.

*Health Act and Regulations* (South Australia).

Kershaw, J. D., *Approach to social medicine* (Baillière, Tindall and Cox).

Rosenau, M. J., *Preventive medicine and hygiene* (Appleton).

Smillie, *Preventive medicine and public health* (Macmillan).

Sutton, H., *Lectures on preventive medicine* (Consolidated pr.).

### 563. Forensic Medicine and Toxicology.

The Coroner's Court, Magistrate's Court, Local Court and Supreme Court; medical evidence, use of statements, expert evidence, medical privilege; dying declarations; duties of a medical man in regard to crime; rights of the individual, e.g., accused or a prisoner on medical examination; position of medical man acting for employers or insurance agents when examining patients; legal side of manslaughter by negligence, abortion, infanticide, concealment of birth, notification of birth; medico-legal bearings of divorce; signs of death; putrefaction; sudden deaths, asphyxia, syncope, coma; natural sudden deaths; post-mortem examinations, including exhumations; wounds, accidental, suicidal, homicidal, and fabrications; asphyxia, hanging, strangulation, drowning, poisoning, electrocution, abortions and infanticide; examinations of victims and accused in cases of criminal assault, rape, etc.; suspected drunkenness; duties of prison doctors; poisons, sales of poisons, Dangerous Drugs Act; Pharmacy and Poisons Acts; collecting material for analysis; examination of blood for alcohol; tests for human and other bloods; blood groups; paternity cases; seminal stains; hairs and fibres.

Text-books:

Smith, S., *Forensic medicine* (Churchill, 1943); or

Glaister, J., *Medical jurisprudence and toxicology* (Livingstone).

Taylor, A. S., *Principles and practice of medical jurisprudence*, edited

Smith, S. A., and Cook, W. G. H. (latest edition) (Churchill).

Simpson, K., *Forensic medicine* (Livingstone).

## SIXTH EXAMINATION

### 571. Group I: The Principles and Practice of Medicine and Therapeutics.

A. MEDICINE: A course of lectures extending over two years in the principles and practice of medicine, including therapeutics, in general and special diseases.

#### 1. Medicine.

Text-book:

Conybeare, Sir J. J. (ed.), *Textbook of medicine* (10th ed., 1952, Livingstone).

Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone, 1952).

Reference books:

Price, F. W. (ed.), *A textbook of the practice of medicine* (8th ed., 1950) (O.U.P.).

Cecil, R. L. F., and Loeb, R. F. (eds.), *Textbook of medicine* (8th ed., 1950) (Saunders).

Stewart, Sir J. Purves, *Diagnosis of nervous diseases* (10th ed., 1952, Arnold).

Wood, P. H., *Diseases of the heart and circulation* (2nd ed., 1952, Eyre and Spottiswoode).

Bourne, G., *An introduction to cardiology* (1949) (Arnold).

Coope, R., *Diseases of the chest* (2nd ed., 1948) (Livingstone).

Molesworth, E. H., *An introduction to dermatology* (4th ed., 1944, Churchill).

Roxburgh, A. C., *Common skin diseases* (9th ed., 1950, Lewis).

Whitby, Sir L. E. H., and Britton, C. J. C., *Disorders of the blood* (7th ed., 1953, Churchill).

Walshe, F. M. R., *Diseases of the nervous system* (7th ed., 1952) (Livingstone).

Harriss, E. H. R., and Mitman, M., *Clinical practice in infectious diseases* (4th ed., 1951) (Livingstone).

Christie, A. B., *Infectious diseases* (2nd ed., 1952, Faber and Faber).

2. *Physical Signs, Diagnosis and Chemical Methods.*

## Text-books:

Hutchison, Sir R., and Hunter, D., *Clinical methods* (12th ed., 1949, Cassell).

## Reference books:

Cabot, R. C., *Physical diagnosis* (1949, Baillière, Tindall and Cox).

Harrison, G. A., *Chemical methods in clinical medicine* (3rd ed., 1947, Churchill).

Stokes, E. H., *Clinical investigation* (1953, Angus and Robertson).

3. *Therapeutics.*

## Text-books:

Dunlop, D. M., McNee, J. W., and others, *Text-book of medical treatment* (6th ed., 1953, Livingstone).

White, Sir W. Hale, *Materia medica, pharmacy, pharmacology and therapeutics* (29th ed., 1952, Churchill).

## B. PSYCHOLOGICAL MEDICINE: The course includes:

## 1. GENERAL PSYCHOLOGY: Six lectures at the end of the third year.

(a) The nature and scope of psychology.

(b) Psychology and physiology.

(c) Psychological testing.

(d) 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:

Gordon, R. G., Harris, N. G., and Rees, J. R., *Introduction to psychological medicine* (O.U.P.).

Henderson, D. K., and Gillespie, R. D., *Text-book of psychiatry* (7th ed., 1950, O.U.P.).

C. MEDICAL DISEASES OF CHILDREN: A course of ten lectures on infant feeding and management, and disease specially important in children; demonstrations at the Mareeba Babies' Hospital, including the actual preparation of infant foods in common use; methods of caring for premature infants. The maintenance of breast feeding at the School for Mothers.

## Text-books:

Ellis, R. W. B., *Disease in infancy and childhood* (1951) (Livingstone).

Collins, V. L., *Infant feeding* (5th ed., 1948, Ramsay, Melb.).

## 572. Group II: The Science and Art of Surgery.

A. SURGERY: A course of lectures, extending over two years, in the science and art of surgery in general and special diseases and injuries.

## Text-book:

Rose and Carless, *A manual of surgery for students and practitioners* (Baillière, Tindall and Cox).

## Reference books:

Bailey, H., and Love, R. J. M., *Short practice of surgery* (Lewis).

Illingworth, C. F. W., *Text-book of surgical treatment, including operative surgery* (Livingstone).

Jones, R. Watson-, *Fractures and other bone and joint injuries* (Livingstone).

McMurray, T. P., *Practice of orthopaedic surgery* (Arnold).

Bailey, H., *Emergency surgery* (Wright).

Maingot, R. H., *Abdominal operations* (Appleton-Century).

The instruction in practical surgery will include the application of splints, bandages, etc.

Text-book:

Bailey, H., *Demonstrations of physical signs in clinical surgery* (Wright).

Reference books:

Farquharson, E. L., *Illustrations of surgical treatment* (Livingstone).

Pye, W., *Surgical handicraft* (Wright).

**B. OPERATIVE SURGERY AND SURGICAL ANATOMY:** Instruction included in lectures on Surgery.

Text-books:

McGregor, A. L., *Synopsis of surgical anatomy* (Wright).

Rowling, L. B., *Land marks and surface markings of the human body* (Lewis).

Reference books:

Cunningham, D. J., *Manual of practical anatomy* (O.U.P.).

Beesly, L., and Johnston, T. B., *Manual of surgical anatomy* (O.U.P.).

Rowlands, R. P., and Turner, P., *The operations of surgery* (Churchill).

Turner, G. G., and Carson, H. W. (eds.), *Modern operative surgery* (Cassell).

**C. DISEASES OF THE EYE:** 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:

Wolf, E., *Diseases of the eye* (Cassell).

**D. DISEASES OF THE EAR, NOSE AND THROAT:** Nasal obstruction due to disease and injury; acute and chronic sinusitis, symptoms, and treatment; nasal manifestations of allergy and treatment; epistaxis—causes and treatment; throat infections—types, causes and treatment; malignant disease of throat, its surgery and treatment by radiation; dysphagia—types, causes, and treatment; cardiospasm; diseases of the larynx and their treatment, with special reference to tuberculosis and cancer; the nature of hearing and deafness; causes and types of deafness and their treatment; suppurative otitis and its complications; tinnitus; vertigo; injuries to ear; vestibular tests.

Text-book:

Hall, I. S., *Diseases of the nose, throat, and ear* (Livingstone).

Reference book:

Jackson, C., and others, *Nose, throat and ear, and their diseases* (Saunders).

**E. SURGICAL DISEASES OF CHILDREN:** Ten lecture-demonstrations on surgical diseases of children given at the Adelaide Children's Hospital in the fifth year of the medical course.

**F. DENTISTRY:** Extraction of teeth under local and general anaesthetic on at least four patients; instruction on normal and abnormal arrangement of teeth, the importance of deciduous dentition and conservation of teeth, and recognition and treatment of certain teeth and gum conditions, e.g., temporary treatment of carious teeth, abscess conditions, pyorrhoea, inflammatory and ulcerative conditions of gums, dental use of X-rays, regulation of children's teeth.

**G. RADIOLOGY:** A course of ten lecture-demonstrations in third year, dealing with: surgical and applied anatomy and combined with the radiological investigation of bones and joints, of thorax, of alimentary tract, of liver and gall bladder, of urinary tract, of female pelvic organs and of soft tissues.

**H. ANAESTHETICS:** (i) A course of lectures dealing with preparation of patient—premedication (including rectal); ether anaesthesia—including signs, airway, respiration, and contra-indications; chloroform, trichlor-ethylene, ethyl chloride, intravenous anaesthesia; gas anaesthesia; spinal anaesthesia, caudal, local; choice of anaesthesia. (ii) Every student is also required to satisfy the instructors



of his proficiency in administering open ether, ether through a shipway apparatus (E.N.T.), endotracheal ether, ether to children, nitrous ox. and ox., intravenous, spinal, and local (if possible).

Text-book:

Minnitt, R. J., and Gillies, J., *Text-book of anaesthetics* (7th ed., 1948, Livingstone).

### 573. Group III: Obstetrics and Gynaecology.

A. OBSTETRICS: Historical introduction; the sexual cycle; maturation and fertilisation; implantation and development of ovum; development of placenta and membranes; functions of the placenta; diagnosis of pregnancy; anatomy and physiology of pregnancy; foetus-in-utero and definitions; normal pregnancy; Mechanism and management of normal labour; the effects of labour on mother and foetus; analgesic and anaesthetic methods; puerperium, normal and abnormal; abnormal pregnancy; abnormal labour; abnormal third stage; the newborn baby, normal and abnormal; significance of the Rh factor in pregnancy; obstetric operations; forceps operation, episiotomy, termination of pregnancy and induction of labour, versions and destructions, caesarean section, preparation for childbirth; radiology in obstetrics; the changed face of obstetrics.

Text-books:

Eden, T. W., and Holland, E. L., *Manual of obstetrics* (Churchill).

Mayes, B. T., *Text-book of obstetrics* (Australian Publishing Co.).

Reference books:

Maguire, F. A., *The anatomy of the female pelvis* (Angus and Robertson).

Brown, F. J., *Ante and post natal care* (Churchill).

Brown, F. J., *Postgraduate obstetrics and gynaecology* (Butterworth Medical Publications).

Munro-Kerr, J. M., and Chasser-Moir, J., *Operative obstetrics* (Baillière, Tindall and Cox).

B. GYNAECOLOGY: Examination of patient; introductory terms in gynaecology; cause of menstruation; role of internal secretions in gynaecology; inflammations; tumours; lacerations; malformations and displacements; other gynaecological conditions; use of gynaecological instruments and appliances; gynaecological operations.

Text-books:

Berkeley, G. H. A. C. (ed.), *Diseases of women*, by Ten Teachers (Arnold).

Schlink, H. H., *Gynaecology* (Angus and Robertson).

Shaw, W., *Text-book of gynaecology* (Churchill).

Solomons, B. A. H., *Handbook of gynaecology* (Baillière, Tindall and Cox).

Reference books:

Eden, T. W., and Lockyer, C., *Gynaecology* (Churchill).

Grossen, H. S., and Grossen, R. T., *Diagnosis and treatment of diseases of women* (Mosby, St. Louis).

Te Linde, R. W., *Operative gynaecology* (Lippincott).

### 574. Medical Ethics.

A short course of lectures on the ethics of the profession.

The relationship of practitioners to one another, to patients, nurses, chemists, friendly societies, the public, advertising, hospitals, the law courts, and the State.

## DEGREE OF MASTER OF SURGERY

### PART I OF THE EXAMINATION

#### 581. Anatomy.

The general scope of the work in Anatomy is similar to that prescribed for the degrees of M.B. and B.S., but a more accurate knowledge is required and more detail in respect of regions and structures of particular surgical or medical importance.

Embryology, Histology, and Neurology are treated as experimental and not purely descriptive sciences. Some knowledge is required of the factors under-

lying the growth and differentiation of the body and its organs, the histogenesis of tissues, and particular aspects of structures important as the basis of physiological and pathological processes.

The candidate is expected to show an acquaintance with modern trends in anatomical research such as can be obtained from current and recent numbers of journals, monographs, etc.

#### 582. Physiology (including Biochemistry).

The scope of the work in physiology is that prescribed for the degrees of M.B. and B.S., excluding pharmacology, but including the physiology of the special senses. A higher standard is required than for the Bachelor's degrees, and special emphasis is laid on the application of physiology and biochemistry to surgery.

The examination consists of written papers and viva voce questions, and equal marks are allotted for each division.

##### Text-books:

Latest edition of  
Best, C. H., and Taylor, N. B., *Physiological basis of medical practice*  
(Baillière, Tindall and Cox).  
Wright, S., *Applied physiology* (O.U.P.).

Selections from recent monographs will be set by the Professor.

## FACULTY OF DENTISTRY

### DEGREE OF BACHELOR OF DENTAL SURGERY

#### FIRST YEAR.

##### 601. Physics.

A course of lectures (three hours a week) and practical work (three hours a week) throughout the academic year.

##### Text-books:

Students should have available one of the text-books prescribed for Course 221, together with *either*  
Rogers, J. S., *Physics for medical students* (Melb. Univ. pr.); or  
Webster, H. C., and Robertson, D. F., *Medical physics* (Univ. of Queens. pr.).

##### 602. Chemistry.

The course in chemistry for dental students comprises (a) a series of three lectures weekly throughout the year, and (b) a course of instruction in practical work twice weekly for three terms. The lectures are given on Mondays at 9 a.m. and on Tuesdays and Thursdays at 12 noon. Lectures on Monday throughout the year and Thursdays during the first term deal with Inorganic and Physical Chemistry, and the other lectures with Organic Chemistry. The practical classes meet on Tuesdays and Thursdays from 9 a.m.-12 noon throughout the three terms, and the work includes qualitative and volumetric methods of analysis using semi-micro methods. Laboratory exercises in organic chemistry are also set. Notes on the practical work are supplied and the principles involved in the analyses are discussed.

##### Text-books:

Amsden, J. P., *Physical chemistry for premedical students* (McGraw-Hill).  
Macbeth, A. K., *Organic chemistry* (Longmans).

##### Reference books:

Partington, J. R., *General and inorganic chemistry* (Macmillan).  
Vogel, A. I., *Text-book of qualitative chemical analysis* (Longmans).

##### 603. Zoology.

A course of lectures (two hours a week) and practical work (six hours a week) during the first two terms of the academic year.

## Text-book:

Weimer, B. R., *Man and the animal world* (Chapman and Sons).

## Reference books:

Buchsbaum, R. M., *Animals without backbones*, vols. I and II (Penguin Books).

Gerard, R. W., *Unresting cells* (Harper).

Marshall, A. M., and Hurst, C. H., *Practical zoology* (Murray).

**604. Dental Materials and Technics I.**

(a) A course of elementary instruction on dental materials and technics.

(b) A course of demonstration and practical work at the Dental Department, Royal Adelaide Hospital.

## Text-book:

Skinner, E. W., *The science of dental materials* (4th ed.) (Saunders).

## SECOND YEAR.

**611. Anatomy.**

This consists of a course of systematic lectures, demonstrations, and practical work. The course is so arranged as to cover the general anatomy of the body and the principles underlying its structure, the detailed topographical anatomy of the head and neck and the dissection of this region.

The course occupies three terms and comprises about forty lectures and one hundred and twenty hours' practical work.

## Text-books recommended:

Abbie, A. A., *Principles of anatomy*, 3rd ed. (Angus and Robertson).

Cunningham, D. J., *Manual of practical anatomy*, vol. iii. (O.U.P.).

**612. Histology.**

A course of lectures, demonstrations and practical classes in histology extending over three terms and including a special course on the microscopic anatomy and development of the teeth and face.

## Text-books recommended:

Hewer, E. E., *Textbook of histology for medical students* (Heinemann).

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

## Reference books:

Mummery, J. H., *The microscopic anatomy of the teeth* (O.U.P.).

Widdowson, T. W., *Special or dental anatomy* (Staples).

**613. Junior Dental Anatomy.**

(a) A course of instruction on human teeth, deciduous and permanent; their notation, structure, characters, arrangement, and occlusion.

(b) A course of practical work at the Dental Department, Royal Adelaide Hospital. A study of teeth by drawing, carving, and section-cutting.

## Text-books:

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

Black, G. V., *Descriptive anatomy of the human teeth* (White dental manufacturing co.).

## Reference book:

Schwartz, J. R., *Practical dental anatomy and tooth carving* (Dental items of interest publishing co.).

**614. Biochemistry.**

A course of lectures and practical work on general biochemistry during one term.

## Text-book:

Mitchell, M. L., *Practical biochemistry for medical students* (Hassell).

## Reference books:

Thorpe, W. V., *Biochemistry for medical students*, 4th ed. (Churchill); or

Cameron, A. T., *Text-book of biochemistry*, 6th ed. (Churchill); or

Harrow, B., *Text-book of biochemistry*, 4th ed. (Saunders).

**615. Physiology.**

A course of lectures and practical work extending over two terms dealing with (1) the mechanisms of movement and sensation, and the physiology of digestion; (2) the circulation and respiration, secretory and excretory functions as exemplified in particular by the salivary glands and the kidneys.

## Text-books:

- Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).  
Best, C. H., and Taylor, N. B., *Living body* (Chapman and Hall).

**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.

## Text-books:

- Skinner, E. W., *The science of dental materials* (4th ed.) (Saunders).  
Osborne, J., *Dental mechanics for students* (2nd ed.) (Staples).

## THIRD YEAR.

**621. General and Dental Bacteriology.**

A course of lectures and practical work designed to give instruction on the general principles of bacteriology and immunity as it applies to dental practice. The course covers the following:—Morphology, physiology, cultivation and isolation of bacteria; principles of sterilisation, disinfection and chemotherapy; general principles of immunology and infection; the characteristics and occurrence of representative genera of bacteria with particular reference to those involved in dental and oral infections.

## Text-books:

- Fairbrother, R. W., *Textbook of medical bacteriology* (5th ed., Heineman).  
Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* 9th ed., Livingstone).

**622. Pathology.**

**A. GENERAL PATHOLOGY:** A course of instruction on the general principles of pathology, inflammation, repair of injuries, tumours, pyogenic organisms, syphilis, tuberculosis, and actinomycosis, with special reference to diseases associated with the mouth and adjacent parts.

## Text-book:

- Montgomery, G. L., *Pathology for students of dentistry*, (Livingstone 1953).

## Reference books:

- Boyd, W., *Text-book of pathology* (Lea and Febiger).  
Dible, J. H., and Davie, T. B., *Pathology: an introduction to medicine and surgery* (Churchill).  
Kettle, E. H., *Pathology of tumours* (Lewis).  
Ogilvie, R. F., *Pathological histology* (Livingstone).

**B. DENTAL PATHO-HISTOLOGY:** A course of instruction dealing with microscopic examination of dental and surrounding tissues in diseases of the teeth.

## Text-books:

- Hopewell-Smith, A., *Normal and pathological histology of the mouth*. Vol. II: *Pathological histology* (Blakiston).  
Colyer, J. F., *Dental surgery and pathology* (Longmans).  
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).

**623. Dental Metallurgy.**

A course of approximately twenty lectures and practical demonstrations dealing with:—

- (1) Nature, properties and structures of alloys used in dentistry for fillings, inlays, cast and fabricated dentures.
- (2) Properties and heat-treatment of materials for dental tools.
- (3) Casting and fabrication of dental alloys; limitations of soldering and welding processes in dental work.
- (4) Corrosion of dental materials; electroforming.

**624. Senior Dental Anatomy.**

A course of instruction on human and comparative dental anatomy. Teeth: their origin, development, form, eruption, and function. Associated structures: periodontal, alveolar process, the palate and oral cavity. Temporo-mandibular articulation, mandibular movements and the mechanism of mastication. Nerve and blood supply.

Text-book:

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

Reference books:

Underwood, A. S., *Aids to dental anatomy and physiology* (Wood).  
Shapiro, H. H., *Applied anatomy of the head and neck* (Lippincott, 1943).  
Sicher, H., *Oral anatomy* (Mosby, 1949).

**625. Dental Materia Medica.**

An introductory course of instruction on the application of drugs relating to the practice of dentistry.

Text-book:

Dobbs, E. C., and Prinz, H., *Pharmacology and dental therapeutics* (10th ed., Mosby); or  
Dilling, W. J., and Hallam, S., *Dental materia medica, pharmacology, and therapeutics* (3rd ed., Cassell).

**626. Prosthetic Dentistry I.**

- (a) A course of instruction on full denture prosthesis, partial denture prosthesis and metal casting technics.
- (b) A course of demonstrations and practical work at the Dental Department, Royal Adelaide Hospital.

Text-book:

Turner, C. R., and Anthony, L. P. (eds.), *American text-book of prosthetic dentistry* (Lea and Febiger).

Reference books:

Prothero, J. H., *Prosthetic dentistry* (Medico-dental pub. co.).  
Gabell, D. P., *Prosthetic dentistry* (O.U.P.).

**627. Operative 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).  
McBride, Walter C., *Juvenile dentistry* (4th ed.) (Lea and Febiger).  
Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).  
McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).

## FOURTH YEAR.

## 631. General Surgery.

A course of lectures and clinical demonstrations in general surgery, with special reference to the surgery of the mouth and jaws.

## Text-books:

- Mills, G. P., and Humphreys, H., *Text-book of surgery for dental students* (Arnold) or:—  
 Woodruff, Michael, F. A., *Surgery for dental students* (Blackwell Scientific Publications, Oxford).  
 Bailey, H., *Clinical surgery for dental practitioners* (Lewis).

## Reference book:

- Blair, V. P., Ivy, R. H., and Brown, J. B., *Essentials of oral surgery* (St. Louis: The C. V. Mosby Co.).

## 632. General Medicine.

A short 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. Dental Surgery and Pathology.

A course of lectures and clinical instruction on the principles of dental surgery and pathology, embracing diagnosis, pathological dentition, local anaesthesia, extraction of teeth, post-operative pain, haemorrhage; injuries to teeth from trauma and caries; destruction of tooth substance by attrition, abrasion, and erosion, diseases of the pulp, complications from pulp affections; diseases of the soft tissues of the mouth.

## Text-books:

- Stones, H. H., *Oral and dental diseases* (2nd ed.) (Livingstone).  
 Nevin, M., and Puterbaugh, P. G., *Conduction, infiltration and general anaesthesia in dentistry* (Dental items of interest pub. co.).

## Reference book:

- Gottlieb, *Dental caries* (Lea and Febiger).

## 634. Prosthetic Dentistry.

- (a) A course of instruction on the principles of partial denture prosthesis.  
 (b) A course of demonstrations and practical work at the Dental Department, Royal Adelaide Hospital.

## Text-books:

- Gabell, D. P., *Prosthetic dentistry* (O.U.P.).  
 Turner, C. R., and Anthony, L. P. (eds.), *American textbook of prosthetic dentistry* (Lea and Febiger).

## Reference books:

- Prothero, J. H., *Prosthetic dentistry* (Medico-dental pub. co.).

## 635. Crown and Bridge Prosthesis.

- (a) A course of lectures and other instruction on the fundamentals of crowns and bridges, their classification, application, construction, and repair.  
 (b) A course of demonstrations and practical work at the Department of Dentistry, Royal Adelaide Hospital.

## Text-books:

- Doxtater, L. W., *Procedures in modern crown and bridge work* (Dental items of interest pub. co.).  
 Tylman, S. D., and Peyton, F. A., *Acrylics and other dental resins* (Lippincott).

Kennedy, E., *Partial denture construction* (Dental items of interest pub. co.).

Tylman, S. D., *Crown and bridge prosthesis* (Mosby).

#### 636. Orthodontics I.

A course of instruction, demonstrations, and practical work.

#### 637. Dental Materia Medica, Pharmacology, and Therapeutics.

A course of instruction on the names, sources, physical character, chemical properties, preparation, doses, physiologic action, and application of the important drugs relating to the practice of dentistry; prescription-writing.

Text-book:

American Dental Association, *Accepted dental remedies* (latest ed.) (A.D.A.).

#### 638. Operative Dentistry II.

A course of advanced instruction in the procedures of conservative dental surgery.

Text-books:

Gabel, Arthur B., (ed.), *American text-book of operative dentistry* (Lea and Febiger, 1947).

Grossman, I., *Root canal therapy* (3rd ed., 1950) (Lea and Febiger).

McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).

#### 639. Children's Dentistry.

A course of instruction on the treatment of injuries and diseases of children's teeth; methods and materials used; child management.

Text-books:

Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).

McBride, W. C., *Juvenile dentistry* (4th ed.) (Lea and Febiger).

#### 640. Preventive Dentistry.

A course of instruction on the dentitions of native and civilised peoples; the function of mastication; diet and nutrition in relation to dental health and disease; the maintenance of a healthy functioning dentition.

Reference books:

O'Rourke, J. T., and Miner, L. M. S., *Oral physiology*, 1951 (C. V. Mosby, St. Louis).

Clements, F. W., (and others), *Diet and nutrition for the Australian people*, 1945 (Angas and Robertson).

Plimmer, R. H., and Plimmer, V. G., *Food, health, vitamins* (9th ed. 1943) (Longmans, Green and Co.).

### FIFTH YEAR.

#### 641. Anaesthetics.

A course of lectures and demonstrations on general anaesthetics.

Text-book:

Kaye, G., Orton, R. H., and Renton, D. G., *Anaesthetic methods* (Ramsay).

#### 642. Prosthetic Dentistry III.

(a) A course of instruction on splints, obturators, and appliances used in oral prosthesis.

(b) A course of practical work at the Dental Department, Royal Adelaide Hospital.

Text-books:

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).

Fry, W. K., *Dental treatment of maxillo-facial injuries* (Blackwell).

#### 643. Orthodontics II.

A course of instruction and practical work on irregularities of the positions of the teeth and concomitant anomalies of the jaws; their development, causes, consequences, recognition, and treatment by mechanical and surgical means.

## Text-books:

Angle, E. H., *Treatment of mal-occlusion of the teeth* (White Dental Manufacturing co.).

Brash, J. C., *Four lectures on the aetiology of irregularity and mal-occlusion of the teeth* (Dental Board of the United Kingdom, 1929).

**644. Dental Jurisprudence.**

A short course of lectures dealing briefly with this subject.

**645. Public Dental Health.**

A short course of lectures on dentistry in its relation to public dental health and dental health services, and public education on dental health.

**646. Oral Surgery.**

A short course of instruction on major dental operations and operative procedure on adjacent structures.

**647. Periodontia.**

A course of instruction on diseases of the gums embracing their aetiology, symptoms, diagnosis, pathology and treatment.

## Reference books:

Colyer, J. F., and Sprawson, E. C., *Dental surgery and pathology*, 8th ed. (Longmans).

Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).

Merritt, A. H., *Periodontal diseases—diagnosis and treatment* (Macmillan and Co.).

Fish, E. W., *Parodontal diseases* (2nd ed. 1952) (Eyre and Spottiswoode).

**MINIMUM PRACTICAL REQUIREMENTS**

*NOTE.—All work is to be completed in the Hospital, wholly by the student himself, under the supervision of the appointed instructor.*

The student, before commencing any year's work, must possess all the instruments on the official list, approved by the demonstrator in charge.

**FIRST YEAR****DENTAL MATERIALS AND TECHNICS I.**

Attend demonstrations and do the following practical work: Care and use of equipment, manipulation of wax, plaster of paris and hydrocol; manipulation of rubber and synthetic resins.

**SECOND YEAR.****JUNIOR DENTAL ANATOMY.**

Attend the classes in practical tooth morphology, and do practical work in the following subjects:—

1. Drawing from specimen teeth.
2. Modelling and carving teeth.
3. Section cutting.

**DENTAL MATERIALS AND TECHNICS II.**

Attend demonstrations and do the following practical work:—Manipulation of rubber and synthetic resins; denture repair technics; manipulation of metals; dental casting technics.

**THIRD YEAR.****OPERATIVE TECHNICS.**

Attend demonstrations and do practical work in the following:—

1. Equipment: inspection; its care and use.
2. Sterilisation.



3. Instrument design and use.
  - (a) Classification of instruments; hardening, tempering, sharpening.
  - (b) Study of finger positions.
  - (c) Use of hand instruments.
4. Cavity preparation.
5. Use of various filling materials in simple fillings.
6. Use and adjustment of matrices.
7. Use of materials in compound fillings.
8. Use of drugs.
9. Examination of teeth and detection of caries by X-rays.
10. Root canal treatment.
11. Chairside procedures.
12. Attend clinical instruction and practical work on simple cases during the third term.

#### PROSTHETIC DENTISTRY I.

Attend instruction and do the following practical work:—Full denture technics; construction of special impression trays; model duplication; electroforming technics; reconstruction and rebasing technics; partial denture technics.

#### FOURTH YEAR.

##### OPERATIVE DENTISTRY.

Each student must attend on days allotted to him for instruction in extractions, anaesthetics, and examinations, and must do practical work in each group of dental operations set out below:—

1. Extractions:
  - Under local anaesthetic.
  - Under general anaesthetic.
2. Examination reports.
3. Plastic restorations:
  - Amalgam.
  - Silicate cement.
4. Gold restorations.
5. Inlays.
6. Scaling cases.
7. Root canal treatment and pulp-capping.

##### PROSTHETIC DENTISTRY II.

Carry out the following practical work:—

1. Full denture construction for patients.
2. Pre-extraction records.
3. Exercises in immediate denture construction.
4. Exercises in partial denture construction.
5. Partial dentures for patients.
6. Relining and rebasing full dentures for patients.

##### CROWN AND BRIDGE PROSTHETICS.

Carry out the following work:—

1. Crowns: shell, richmond, jacket, threequarter, davis.
2. Fixed partial prosthesis: simple, complex.
3. Removable partial prosthesis: simple, complex.
4. Facings, pontics, abutments.
5. Repairs.

All work to be done mounted with contiguous teeth standing.

##### ORTHODONTIC TECHNICS.

Carry out the following work:—

1. Plain soldered bands.
2. Plain spurred bands.

3. Appliance for maintaining expansion.
4. Retaining appliances, Classes II and III.
5. Retainer for use after rotation.

## FIFTH YEAR.

## OPERATIVE DENTISTRY.

Each student shall attend on the days allotted to him for instruction in extractions, anaesthetics, and examinations and must do practical work in each group of operations, as given below:—

1. Extractions:
  - Under local anaesthetic.
  - Under general anaesthetic.
2. Examination reports.
3. Gold restorations.
4. Inlays.
5. Plastic restorations:
  - Amalgam.
  - Silicate cement.
6. Root canal treatments and pulp-capping.
7. Radiography.
8. Gingivitis and pyorrhoea treatments.

## ANAESTHETICS.

Attend demonstrations on the days allotted and do administrations of anaesthetics.

## ORAL SURGERY.

Attend and assist in at least one case of each of the following:—

Root resection, alveolectomy, surgical removal of impacted teeth, fractured jaw.

## PROSTHETIC DENTISTRY III.

Carry out the following practical work:—

1. Full denture construction for patients.
2. Partial denture construction for patients.
3. Immediate denture construction for patients.
4. Construct splints for fractured jaws.
5. Construct appliances for cleft palates.

When suitable patients are not available, exercises will be set by the Reader.

## ORTHODONTIA.

Treat allotted cases of simple and complicated mal-occlusion.

Record models to be made before and after treatment and lodged in model case.

Students to carry on the treatment as long as time will permit.

## DEGREE OF MASTER OF DENTAL SURGERY

At the beginning of each year during which he proposes to undertake work for the degree a candidate shall notify the Faculty of the subject or subjects he desires to study during the year.

A candidate who desires any adjustment in the general requirements prescribed or in the special work to be undertaken shall submit the adjustment desired to the Faculty for approval as early in the year as possible.

A candidate will be required to carry out in each subject, under the direction of the Professor or Supervisor concerned, a course of study which will include exercises and practical work.

A candidate will be required to submit, not later than two weeks prior to the examination, a typewritten report on the practical work carried out during each year.

## PART I OF THE EXAMINATION

## 651. Physics.

A course of reading in elementary physics with special reference to dentistry and medicine, including more detailed study—and experimental work when specified—of selected topics such as capillarity, diffusion and osmosis; properties of materials, strength, elasticity, fatigue, and effects of temperature; physical principles of electrolysis, diathermy, X-rays, radiography, sterilisation by ultra-violet light, etc.

For reading:

Webster, H. C., and Robertson, D. F., *Medical physics* (Univ. of Queensland); and subjects dealing with the application of physics in dentistry such as may be found in Glasser, O., and others (eds.), *Medical physics* (Year Book Publishers) or in the current journals as indicated.

## 652. Chemistry.

A course of advanced reading and, when required, the preparation of written papers on selected and approved subjects dealing with the chemistry of substances used in dentistry.

A list of the reference books to be studied may be obtained on application to the Department of Chemistry.

## 653. Metallurgy.

Advanced study of the chemical and physical properties of metals and alloys as applied to dentistry.

## 654. Anatomy.

Candidates will be required to show an advanced knowledge of the anatomy of the head and neck, with special application to the teeth, jaws, and jaw musculature. They must be familiar with current views on the comparative anatomy and anthropological implications of the teeth, jaws and jaw musculature. Practical work and courses of reading will be directed by the Professor of Anatomy.

## 655. Physiology.

The scope will be that prescribed for the degree of B.D.S. and will include those parts of the central nervous system and special senses dealt with in a prescribed junior text-book. A higher standard will be required than that for the B.D.S., and special emphasis will be laid on the application of physiology to dentistry.

More advanced reading in the following branches will be required:—

- (1) Respiration—the control of respiration and anoxia with a view to general anaesthesia.
- (2) Circulation—its relation to the use of local anaesthesia, haemophilia, anaemias and immunity.
- (3) Digestion and nutrition—in relation to tissue development, particularly teeth and bone, vitamins and minerals.
- (4) The hormones.

This advanced reading can be done from:

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox); or from  
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 Univ. pr.).

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. 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* (3rd ed., Arnold).

Dubos, R. F., *Bacterial and mycotic infections of man* (2nd ed., Lippincott).

#### PART II OF THE EXAMINATION

The scope of the work for Part II will entail the following:

- (a) A course of study of advanced and current literature on general Dental Surgery and Pathology.
- (b) A course of study of advanced text-books and current literature on the other section of work selected by the candidate and approved by the Faculty.
- (c) Practical work at the Dental Hospital in both Dental Surgery and Pathology and the other approved section of work; the amount of such practical work to be as directed by the Faculty in each case, but in no case to be less than one half-day session a week throughout the Hospital year.

The Faculty will indicate in general outline the scope of work to be covered in the branch of Dentistry selected and approved for section (b) of the examination.

The 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 Director of Dental Studies of having carried out a satisfactory amount of practical work at the Dental Department as prescribed above.

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### FACULTY OF MUSIC

#### DEGREE OF BACHELOR OF MUSIC AND DIPLOMA OF ASSOCIATE IN MUSIC

##### Chief and Second Practical Studies I (671), II (672) and III (673).

A course of individual tuition throughout the year.

**SYLLABUS.**—Studies and works as prescribed each year.

**EXAMINATION:**

- (a) Each candidate will be required to perform the whole or any part of a list of works to be submitted to the Director of the Elder Conservatorium of Music for approval not later than the last day of the third quarter, 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.

**SYLLABUS:**

##### 675. General Musical Knowledge.

- (a) *Rudiments:* A knowledge of all intervals, scales, triads, clefs, dominant 7th and diminished 7th, syncopation and the principles of note grouping and time signatures, transposition, creative imagination and melodic invention.

(b) *Form*: A knowledge of the various forms associated with the several styles and periods of music—binary, ternary, rondo, fugue, suite, sonata, symphony, oratorio, opera, etc.

(c) *History*: A broad outline of musical history, composers and their work.

EXAMINATION: One three-hour paper.

#### 677. Sight Reading and Aural Training I.

SYLLABUS.—Recognition of diatonic intervals within the limit of an octave; the four triads in root position; dictation of melodic passages.

The cultivation of a musical memory; sight reading of melodic passages; melodic invention and the building of creative imagination; recognition of form and style; critical discussion and evaluation of works.

EXAMINATION: One one-hour paper.

#### 678. Sight Reading and Aural Training II.

SYLLABUS.—As for Part I but more advanced, and in addition: Recognition of diatonic and chromatic intervals above or below keynote up to and including major ninth; major and minor common chords and their inversions; the four principal cadences in major and minor keys; dictation of melodic passages, including two-part writing.

EXAMINATION: One hour-and-a-half paper.

#### 679. Sight Reading and Aural Training III.

SYLLABUS.—As for Part II, but more advanced, and in addition: To name each chord in a sequence of common chords and their inversions in four-part harmony in major keys; dictation: two- and three-part writing.

EXAMINATION: One two-hour paper.

#### Speech Training I (681), II (682) and III (683).

This course is divided into three 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.

Recommended text-books:

Daniel Jones, *English pronouncing dictionary* (Dent).

Walter Ripman, *Good speech* (Dent).

Barbara Storey, *The way to good speech* (Nelson).

Blackwood and Osborn, *The study of poetry* (Macmillan).

L. S. Harris, *The nature of English poetry* (Dent).

Harry Traynor, *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.

#### The Scope of School Music I (685), II (686) and III (687).

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 two-hour paper.

#### Principles of Class Music Teaching I (690), II (691) and III (692).

The course extends over three years, each applicable to the primary, middle and secondary school years respectively.

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 covers essential principles, including:

- (a) Singing: the development of the child voice; preparation for and early work in part singing; voice and breathing exercises and song teaching; the problem of the monotone.
- (b) Percussion band and rhythmic movement.
- (c) The development of creative work.
- (d) How to develop the power of listening.
- (e) The teaching of pitch, reading, phrasing and form.
- (f) Materials and repertoire.
- (g) Solfa and staff notation.

Throughout the year students are given opportunities to observe demonstration periods of class teaching, and are themselves required to teach different age groups.

Reference books:

- Somervell, *The compleat teacher* (Boosey).  
 McPherson and Read, *Aural culture based on musical appreciation* (Williams).  
 Campbell-Egan, *Music in schools* (Carroll).  
 Scholz, *Music, the child and the masterpiece* (O.U.P.).

EXAMINATION:

- (a) One three-hour paper.
- (b) Practical—the instruction of a class which shall embrace the application of the principles covered in the course.
- (c) Viva voce tests.

#### Modern Languages I (693), II (694) and III (695).

#### Ensemble Playing I (696) and II (697).

SYLLABUS.—The study of prescribed works and attendance at a practical class for instruction throughout the year.

EXAMINATION: The performance of a work submitted to and approved by the Director of the Elder Conservatorium of Music.

**Drama I (698), II (699) and (700).**

These courses are not yet available.

**SYLLABUS—****701. Harmony I.**

1. Musical terminology and elements of music.
2. Common chords, dissonant triads and their inversions.
3. The chord of the dominant seventh and its inversions.
4. Candidates may be required: (a) to harmonize a simple figured bass and melody limited to the above-mentioned chords; (b) to write a melody to a four-lined stanza of poetry; (c) to write a melody to a given part above or below; (d) to modulate to the dominant, subdominant and relative minor key.

EXAMINATION: One three-hour paper.

**SYLLABUS—****702. Harmony II.**

A. A candidate may be required: (a) to write a melody to a four-lined stanza of poetry; (b) to complete a four phrase melody of which the first phrase is given, with due regard to elementary principles of form.

B. Harmony: Common chords and their inversions; the diatonic and chromatic chords of the seventh and ninth; modulation to nearly related keys, suspensions and passing notes; harmonization of figured basses limited to the foregoing combinations; harmonization of simple melodies.

EXAMINATION: One three-hour paper.

**703. Harmony III.**

SYLLABUS: To harmonise a chorale; to harmonise a melody in instrumental style, or to write a pianoforte accompaniment; to add three parts above a given bass; to modulate to any key, Major or Minor, including enharmonic modulation; and in all to show a knowledge of the use of diatonic and chromatic chords, fundamental discords, and the chord of the Augmented 6th.

EXAMINATION: One three-hour paper.

**704. Harmony IV.**

SYLLABUS: Chorale harmonization in five parts; instrumental harmony in four parts; melodic invention and pianoforte accompaniment to a given melody; unfigured basses (passacaglia); modulation to unrelated keys.

Text-books recommended:

- Kitson, *Evolution of harmony* (O.U.P.).  
 Buck, *Unfigured harmony* (Oxf. Clar. press).  
 Macpherson, *Melody and harmony* (Wood.)  
 Morris, *The Oxford harmony* (O.U.P.).

EXAMINATION: One three-hour paper.

**705. Harmony V.**

SYLLABUS: Advanced chorale harmonization in five parts; free instrumental harmonization and accompaniment of melodies; variations on an unfigured bass; advanced modulation.

Note: Candidates may be required to write original composition in the examination in working papers in the foregoing subjects.

Text-books recommended:

- As for the second-year course, and the article on Harmony in Grove's *Dictionary of music and musicians* (Macmillan).

EXAMINATION: One three-hour paper.

**707. Counterpoint I.**

SYLLABUS: Simple counterpoint; all species in two parts.

EXAMINATION: One two-hour paper.

**708. Counterpoint II.**

SYLLABUS: All species in not more than four parts; combined fifth species in two parts only.

Text-books recommended:

Morris, *Foundations of practical harmony and counterpoint* (Macmillan).  
 Morris, *Introduction to counterpoint* (O.U.P.).  
 Thiman, *Practical free counterpoint* (Curwen).

EXAMINATION: One three-hour paper.

#### 709. Counterpoint III.

SYLLABUS: All species in not more than four parts, and first species only in not more than five parts; free instrumental counterpoint in two parts.

Text-books recommended:

Macpherson, *Practical counterpoint* (Williams).  
 Morris, *Foundations of practical harmony and counterpoint* (Macmillan).

EXAMINATION: One three-hour paper.

#### 710. Counterpoint IV.

SYLLABUS: Counterpoint up to five parts in 16th century style (e.g., Palestrina), and 18th century style (e.g. Bach); free instrumental counterpoint up to three parts.

Text-books recommended:

As for second-year course, together with:  
 Morris, *Contrapuntal technique in the sixteenth century* (Clarendon).  
 Kitson, *The art of counterpoint* (O.U.P.).  
 Groves, *Dictionary of music and musicians* (Macmillan), Article on Counterpoint.

EXAMINATION: One three-hour paper.

#### 712. Double Counterpoint, Canon and Fugue I.

SYLLABUS: Double counterpoint at the octave, tenth and twelfth, showing inversion with added free part; canon (infinite) for two voices, with added free part; fugal answer and counter subject; fugal exposition in not more than four parts.

Text-books recommended:

Prout, *Double counterpoint and canon* (Augener).  
 Prout, *Fugue* (Augener).  
 Bridge, *Double counterpoint and canon* (Novello).  
 Oldroyd, *The technique and spirit of fugue* (O.U.P.).

EXAMINATION: One three-hour paper.

#### 713. Double Counterpoint, Canon and Fugue II.

SYLLABUS: Double counterpoint at the octave, tenth and twelfth, showing the inversion with two free parts added; canon (infinite) with two free parts; fugue in three or four parts.

Text-books recommended:

As for the second-year course, together with Prout's *Fugal analysis* (Augener) and the articles on Invertible Counterpoint and Fugue in Grove's *Dictionary of music and musicians* (Macmillan).

EXAMINATION: One three-hour paper.

#### 716. History of Music I.

SYLLABUS: A general survey of the history of music.

Text-books recommended:

Colles, *The growth of music* (O.U.P.).  
 Dyson, *The progress of music* (O.U.P.).  
 Buck, *History of music* (Benn).  
 Parry, *Summary of the history and development of medieval and modern European music* (Novello).

EXAMINATION: One three-hour paper.



## SYLLABUS: 717. History of Music II.

- (a) The Polyphonic Era: vocal polyphony—its development from the music of the early Christian Church, through organum and descant to the 16th century madrigal; instrumental polyphony—the rise of instrumental music through the 16th and 17th centuries, culminating in the works of J. S. Bach.
- (b) The progress of instrumental music from the Italian violin school of composition to the classical symphony of the 18th century, through the Mannheim school to the works of Haydn.

## Reference books:

- Parry, *Summary of the history and development of medieval and modern European music* (Novello).
- Colles, *The growth of music* (O.U.P.).
- Foss, *The heritage of music* (O.U.P.).
- Hadow (ed.), *The Oxford history of music* (O.U.P.).
- Parry, *The evolution of the art of music* (Kegan Paul).
- Fellowes, *English madrigal composers* (O.U.P.).

EXAMINATION: One three-hour paper.

## SYLLABUS: 718. History of Music III.

- (a) The development of dramatic music from the medieval church plays to the present day, through 17th century Italian Opera forms to the works of Mozart and his contemporaries; from early German Romantic Opera through the music dramas of Wagner to the trends of 20th century Opera forms.
- (b) Classical period: The 18th century instrumental sonata and its application to the symphony and string quartet as exemplified in the works of Haydn, Mozart and the early Beethoven.
- (c) Beginnings of German Romanticism—Schubert and the Lied.

## Reference books:

- As for History II, and in addition:
- Turner, *Mozart* (Dent).
- Einstein, *Mozart* (Cassell).
- Dent, *Mozart's Operas* (O.U.P.).
- Capell, *Opera* (Benn).
- Bekker, *The story of music* (Norton).
- Scott, *Beethoven* (Dent).
- Newman, *Wagner* (Dent).

EXAMINATION: One three-hour paper.

## 719. History of Music IV.

SYLLABUS: The music of J. S. Bach; the music of Beethoven; the development of the orchestra and orchestral forms from the time of Beethoven to the present day; music of the 19th century—the Romantic influence, programme music; nationalism in art and the national schools of music; the Lied and the pianoforte; contemporary music—a broad survey with an analysis of the trends of the style and technique of the work of representative composers of the 20th century.

## Reference books:

- As for History III, with the addition of the following:
- Bacharach, *British music of our time* (Pelican).
- Pannain, *Modern composers* (Dent).
- Dyson, *The new music* (O.U.P.).
- Niecks, *Programme music* (Novello).
- Schweitzer, *J. S. Bach* (2 volumes) (Breitkopf and Hartel).
- Gray, *A survey of contemporary music* (O.U.P.).
- Hadow, *Studies in modern music* (Seeley).
- Tovey, *Beethoven* (O.U.P.).

EXAMINATION: One three-hour paper.

**Form and Analysis and the Literature of Music I (721), II (722) and III (723).**

SYLLABUS: A progressive study, over a three-year course, of instrumental and vocal forms and styles. Detailed analysis of prescribed works.

EXAMINATION: One three-hour paper.

**725. Orchestration I.**

SYLLABUS: A knowledge of the nature, compass and technique of the various instruments of the classical orchestra; a study of the scores and the instrumentation of orchestral works of the 18th century; scoring for orchestra of given work.

EXAMINATION: One three-hour paper.

**726. Orchestration II.**

SYLLABUS: As for Part I with the addition of a study of the scores and the instrumentation of orchestral works of the 19th and 20th centuries; scoring for orchestra of given work.

EXAMINATION: One three-hour paper.

**731. 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:

Richardson, *Acoustics of orchestral instruments and of the organ* (Arnold).

Jeans, *Science and music* (C.U.P.).

Buck, *Acoustics for musicians* (Clarendon).

Wood, *The physics of music* (Methuen).

EXAMINATION: One two-hour paper.

**DIPLOMA IN PHARMACY.**

Note.—The subjects in the course for the Diploma in Pharmacy must be taken in the order indicated below. No departure from this rule is permitted without the sanction of the Board of Pharmaceutical Studies.

**FIRST EXAMINATION.****751 and 752. Theoretical Inorganic Chemistry.**

Pre-requisite subject: Leaving Chemistry.

The course is divided into two parts, namely (Part A, Course 751) the lectures on inorganic and physical chemistry given to the evening class in Chemistry I at the University on Mondays and Fridays throughout the three terms and (Part B, Course 752) a special course of about forty lectures on the inorganic salts of the *British Pharmacopoeia*, including the methods for their preparation and assay. Papers will be set on the subject matter of each of the two parts of the course.

**Part A (751).**

The general behaviour and the principal properties of solids, liquids, and gases; properties of dilute solutions; general chemical theories; atomic and molecular structure; the chemistry of the non-metallic elements and their principal compounds; hydrogen; oxygen; water; solution; potable waters; hardness of water; acids, bases and salts; neutralisation, colour indicators, hydrogen peroxide; halogens, halogen acids, and their salts; oxides and oxy-acids of chlorine; hypochlorites and chlorates; sulphur; oxides and oxy-acids of sulphur; sulphites and sulphates; sodium thiosulphate; boron, boracic acid, and borax; nitrogen; oxides and oxy-acids of nitrogen; nitrites and nitrates; ammonia and its salts; arsenic and antimony and their oxides; arsenites and arsenates; detection of traces of arsenic and antimony; tartar emetic; colloids and colloidal solutions; preparation of colloidal metals; dissociation of acids and salts in solution; hydrogen ion concentration of solutions; principles of volumetric analysis of acids and alkalis.

## 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:

- Partington, J. R., *Text-book of inorganic chemistry* (Macmillan); or  
 Philbrick and Holmyard, *Text-book of theoretical and inorganic chemistry*  
 (Dent).  
 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.

## Subject-matter:

- (a) The examination of the appearance and chief characteristics of simple salts of pharmaceutical interest.  
 (b) The detection of metallic and acidic constituents in a mixture of simple salts using semi-micro technique.  
 (c) Simple volumetric estimations involving the use of standard solutions of acids and alkalis using semi-micro methods; strength of B.P. acids; principles of dilution of strong acids to B.P. strength; the preparation and use of standard solutions of potassium permanganate and silver nitrate; quantitative problems.

## Text-book:

- Appleyard, F. N., and Lyons, C. G., *Practical pharmaceutical chemistry*  
 (Pitman).

## Reference book only:

- Vogel, A. L., *Text-book of qualitative chemical analysis* (Longmans).

## PHARMACY I.

The course comprises subjects 754 and 755.

## 754. Elementary Pharmacy: Theory and Practical.

Practical Work.—A record of all work done in the laboratory must be kept in an approved notebook.

## Subject matter:

The weights and measures of pharmacy and exercises thereon.

An introductory treatment of the drugs and galenicals of the *British Pharmacopoeia*; and of their dispensing.

## Text-books:

- British Pharmacopoeia* (Pharmaceutical Press).  
*The British Pharmaceutical Codex* (Pharmaceutical Press).  
 Bentley, A. O., *Text-book of pharmaceuticals* (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:

Macbeth, A. K., *Organic chemistry* (Longmans).

## 762. Practical Organic Chemistry.

Subject-matter:

- (a) The determination of melting-points and boiling-points.
- (b) Preparation and examination of some simple organic compounds.
- (c) The detection of salts of simple organic acids and bases; reactions of quinine, strychnine, brucine, and morphine; characterisation of B.P. organic compounds.
- (d) The examination of fixed and volatile oils and fats; acid value; saponification value of esters and oils; iodine value; essential oils.

Text-books:

Bentley, A. O., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

Appleyard, F. N., and Lyons, C. G., *Practical pharmaceutical chemistry* (Pitman).

## 763. Biology.

This course is the same as that prescribed for the B.Sc. degree. See syllabus No. 269.

## THIRD EXAMINATION.

## 771. Botany and Pharmacognosy.

This course of lectures is begun in the second year and completed in the third year of studies.

A. BOTANY.—This course of lectures and practical work deals with the classification of the plant kingdom, with special reference to the production and distribution of their economic products.

B. PHARMACOGNOSY.—This course includes lectures and practical work on drugs of the *British Pharmacopoeia* of vegetable and animal origin and such others as are in common use; geographical and botanical sources; physical characteristics; the collection, preparation and preservation of drugs for the market; recognition of genuine drugs; possible sophistications, microscopical examination; the more important active principles; official methods of isolating same.

A wide range of macroscopic and microscopic specimens will be available.

## Text-books:

Mangham, S., and Hockley, A. R., *Biology for pharmaceutical students* (Baillière, Tindall and Cox).  
 Trease, G. E., *A textbook of pharmacognosy* (Baillière, Tindall and Cox).

## PHARMACY II.

This subject comprises the following units:

**772. Commercial Pharmacy.**

Business and commercial terms explained using a selection from Pitman's book-keeping text-book.

Cheques; advantage of cheque accounts; how to write and safeguard cheques; endorsement and crossing of cheques; blackboard illustrations; effect of "not negotiable", etc.

Simple cash-book principles explained and worked examples shown with the use of blackboard; rulings illustrated; receipts and payments accounts; capital and revenue expenditure; fixed and floating assets.

The use of the journal together with postings to the ledger from both journal and cash-book with blackboard demonstrations; imprest system of shop cash.

Model columnar cash-book suitable for a pharmacy demonstrated and followed through by students by use of blackboard, together with postings of totals to ledger.

Blackboard demonstration of reconciliation with bank statements, model trading account, profit and loss account and balance-sheet; cost of goods sold and stock-turn; basis of stock on hand values.

Graph showing various books and accounts leading up to trading, profit and loss accounts and balance-sheet.

Blackboard demonstration showing framework of model dispensing cost and profit account and combined scrip and cost book with explanations of bases of allocation covering materials, overhead, percentage basis for fluctuating overhead; contrast with basis of allocation for fixed overhead.

Notes of depreciation; its cause and methods of treatment in accounts; partnership, goodwill (including factors to be considered for basis of valuation covering the goodwill of a pharmacy).

General law covering contracts, sale of goods summarised.

History of early closing legislation as applied to Pharmacy; explained particularly, Section 65.

Discussions on those sections of the various Acts which affect pharmaceutical business, viz., Industrial Code (living wage and Industrial Boards), Workmen's Compensation Act (compulsory insurance against claims), Licensing Act, discussions on Section 13 and the effect of the Birks Appeal Case, Registration of Business Names' Act, and Trading Stamp Act and Weights and Measures Act.

Discussion including income tax principles, sales tax, pay roll tax; principles of insurance, fire, life, marine, loss of profits, plate glass, sickness and accident, chemists' indemnity, public risk, etc.; filing and indexing systems suitable for records covering customer contracts, invoices, statements, etc.

**773. Practical Pharmacy, Volumetric Analysis and Drug Assay.**

This course of lectures and practical work includes:

- (a) The manufacture of official preparations.
- (b) The evaluation of drugs and preparations for compliance with the specifications of the *British Pharmacopoeia*. Students will examine a selection of the preparations dispensed or manufactured during the course.

**774. Practical Experience.**

The requirements for registration as a pharmaceutical chemist include the serving of a four-year apprenticeship. Candidates for the Diploma are required to present to the Board of Studies evidence, which has been certified as correct by the Pharmacy Board, of having:

(i) Completed not less than 4,000 hours of experience in a pharmacy in work appropriate to their course of studies.

(ii) Complied with the requirements of The Pharmacy Act in respect to the manufacture of preparations included in the *British Pharmacopoeia* and the *British Pharmaceutical Codex* and the dispensing of prescriptions.

These exercises are normally completed during the second and third years of study.

#### FOURTH EXAMINATION.

##### PHARMACY III.

This subject comprises the following three units:

##### 781. Practical Pharmacy and Dispensing.

**A. Manufacturing Pharmacy.**—The theory and practical application of the principles involved in the methods of disintegration, comminution, pulverisation, and sifting of drugs, and the subsequent preparation from the same or from commercial drugs, of typical examples of:—Compound powders and confections, pill masses and lozenges, granular preparations, aromatic waters, spirits, mixtures, solutions and injections, mucilages, syrups, honeys, liniments, lotions, collodions, glycerins, ointments, plasters, suppositories, infusions, decoctions, tinctures, wines and vinegars, solid extracts, fluid extracts, and other pharmaceutical products.

The process of distillation, sublimation, extraction, infusion, decoction, digestion, maceration, percolation, expression, scaling, colation, clarification, decolourisation, trituration, elutriation, levigation, and such other processes which enter into the first, second and third years' study.

**B. Dispensing.**—The theory and practical application in the laboratory related to the compounding of prescriptions, with particular regard to the processes necessary, the calculations involved and the requirements of the Dangerous Drug and Poison Regulations in respect of labels and containers; the conversion of Imperial weights and measures into those of the metric system; the suspension of insoluble substances; the preparation and nature of emulsions, emulsifying agents, excipients and methods used for pills and tablets; principles of sterilisation, sterilisation of apparatus and materials; preparation of aseptic and antiseptic dressings.

Prescription reading.—Practical exercises in deciphering from originals; translation of Latin phrases of directions for use; detection of possible errors and unusual doses; detection of incompatibility and methods of overcoming the same.

Toxicology.—An elementary knowledge of poisons and their appropriate antidotes.

Posology.—A general knowledge of *British Pharmacopoeia* dosage and modifications necessary for age, habit and method of administration, etc.

Text-books:

*British Pharmacopoeia* (Pharmaceutical Press).

*British Pharmaceutical Codex* (Pharmaceutical Press).

Bentley, A. O., *Text-book of pharmaceuticals* (Baillière, Tindall and Cox).

Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

Tomski, H. W., *Pharmaco-therapeutic notebook* (Baillière, Tindall and Cox).

Reference book:

The extra pharmacopoeia *Martindale* (Pharmaceutical Press).

##### 782. Forensic Pharmacy.

This course includes a detailed survey of the legislation which governs the practice of pharmacy.

Particular attention is given to The Pharmacy Act and Regulations, the Dangerous Drug Act and Regulations, and to The Food and Drugs Act and Regulations including the Poison Regulations. Some discussion of the historical background of these enactments is also included.

**783. Pharmacy Organisation.**

This course covers the practical application of the principles given in previous courses dealing with Commercial and Forensic Pharmacy (772 and 782).

Consideration is given to those general principles of human relations which are of importance to the pharmacist in his administration of the legal requirements attached to medicines.

Other topics include the scope of the social sciences and the widespread use of social psychology in personnel management in commerce and industry, and in the professions; the scope and functions of pharmaceutical organisations; pharmaceutical ethics—the relationship of pharmacists to one another, to other professions, to the public and to the State.

**PHARMACY IV.**

This subject contains the following five units:

**791. Pure Pharmacology.**

This course includes lectures and practical laboratory experiments to elucidate the action of drugs upon cells as demonstrated by altered function. The physiological and pharmacological principles involved in quantitative biological standardisation will be studied in theory and practice, both with respect to standards of toxicity and of potency. For this latter purpose, the following preparations will be used when test material is available: pituitary extracts (anterior and posterior), insulin, digitalis, squill and strophanthus, thyroid, gonadal and adrenal cortical hormones and the cholinesterase system.

Subject only to the availability of biological test material, as wide a range of qualitative experiments as possible will be made, demonstrating *inter alia*, the actions of atropine, eserine, amyl nitrite, acetylcholine, adrenaline, ergotoxine, alcohol, ether, chloroform, thiopentone, sodium, phenobarbital, picrotoxine, leptazol, nikethamide, strychnine, morphine, triazol, mephenesin and curare. The practical work will be conducted in three hour periods and students will keep detailed practical records.

**792. Bacteriology.**

The general characteristics of bacteria and viruses; their distribution, methods of cultivation and isolation of pure cultures. Methods of sterilisation and tests for sterility.

Antibacterial agents. Infection of bacteria and resistance by the body. Production of immunity in the body. Preparation of vaccines and antisera. Hypersensitivity and allergies. Skin tests used in the diagnosis of diseases. Normal body flora; survival of pathogens outside the body. Sources of contamination in the pharmacy. Applications of bacteriology.

Each lecture is followed by practical exercises in the laboratory.

Text-book:

Bentley, A. O., *Text-book of pharmaceuticals*. Section 5 (Baillièrè, Tindall and Cox).

**793. Nutrition.**

The energy and protein requirements of the body; the mineral constituents and accessory food factors in the diet; the relative value of common natural foods and the economic aspects of malnutrition.

**794. Organic Medicinals.**

This course is primarily concerned with the pharmacy of organic compounds and therefore extends the scope of course 761. Reference is made to the use and action of selected drugs.

**795. Social Biology.**

The special course of lectures given to students for the Diploma in Social Science during the third term as set out in syllabus No. 833.

**History of Thought.**

During either the third or fourth year of studies students are required to attend a series of background lectures given under this title (see Syllabus No. 141).

## DIPLOMA IN PHYSICAL EDUCATION

### MEDICAL AND PHYSICAL EXAMINATIONS

Every student entering for the practical exercises and every student entering upon a course of lectures leading to the diploma or certificate in Physical Education for the purpose of taking the examination in that course, must be prepared to attend the various examinations which will be held as early as possible in March. Enrolments should be made early to facilitate the necessary arrangements.

Students will also be required to present themselves for such repeat examinations as may be prescribed for them during the progress of their course.

New students are advised to consult the lecturer in charge of Physical Education as early as possible in the term and to acquaint themselves with the arrangements for their examinations.

#### 801. Human Biology.

The course consists of two lectures or lecture-demonstrations a week for three terms. The lectures are given in the Anatomy Lecture Theatre.

A general account is given of the structure, function, and development of the human body, laying stress on biological principles rather than on descriptive detail. In the first part of the course the anatomy of the different systems of the body is described, together with their functions, so far as these can be related in a simple manner to gross structural features. Then follows an account of the microscopical structure of the tissues and the cells of which they are built, again laying stress on the relation between structure and function, and on the manner in which cells are nourished and reproduce. This leads to a brief consideration of the principles of embryological development and growth, and of the significance of hereditary and acquired differences between individuals. Ethnological differences and their possible importance are next dealt with, man being presented as a member of a species with an evolutionary history, and more or less closely related to other groups of animals. The last part of the course is taken up with a more detailed description of the bones, muscles and joints of the human body than was given in the earlier lectures; these structures are dealt with so as to illustrate the mechanism of the body in respiration and in simple movements and exercises.

In general the course is intended to serve as an introduction to biological science, using the elementary structure and function of the human body as its subject-matter, and emphasising points of special importance in physical education. It also forms the basis for a more detailed study of particular aspects of biology in the second year of the course.

##### Text-book:

Abbie, A. A., *Principles of anatomy*, 3rd ed. (Angus and Robertson).

##### Books for reference and general reading:

Haldane, J. B. S., and Huxley, J. S., *Animal biology* (O.U.P.).

Williams, J. F., *Text-book of anatomy and physiology* (Saunders).

#### 802. Human Physiology.

This course consists of two lectures or lecture-demonstrations a week for three terms, and is taken in the third year of the course.

In this course the principles of human physiology are dealt with, and special attention is given to those functions which, directly or indirectly, are connected with muscular exercise. The purpose of the lectures is to bring about a deeper understanding of the essential nature of the physiological processes in question and their regulation and co-ordination in life. Whenever possible, students have the opportunity of seeing or performing experiments which may prove instructive or useful from the theoretical and practical points of view. An elementary knowledge of chemistry and physics is desirable.

##### The following books will be found valuable for general reference:

Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).

Best, C. H., and Taylor, N. B., *Living body* (Chapman and Hall).

Students will also find *Muscular exercise*, by M. G. Eggleton (Paul, Trench and Trubner) very helpful in connection with their work on muscular activities.



#### 804. Hygiene.

This course consists of one lecture a week for three terms, and covers the same ground as that for the other Diplomas in Education. After an introduction on objectives, definitions, and sources of information, the subject is divided as follows:—

**PERSONAL HYGIENE**—This part includes the hygiene of the skeletal, muscular, respiratory, circulatory, digestive, nervous, endocrine, and genito-urinary systems, the hygiene of the eye, ear, nose, throat, teeth, and skin, and the principles of nutrition and heredity.

**COMMUNITY HYGIENE**—This part includes a reference to public health organisation in South Australia and to other public bodies interested in social welfare. It also includes discussions on the sanitary requirements of buildings, control of infection and infectious diseases, ventilation, the effect of sunlight, the care and preservation of food, the disposal of refuse, insects of public health interest, and rural and domestic sanitation.

Text-books:

Williams, J. F., *Personal hygiene applied* (Saunders).

Abbie, A. A., *Human physiology* (Angus and Robertson).

Davies, M. B., *Hygiene and health education for training colleges* (Longmans).

#### 806. Body Mechanics.

This course consists of lectures and practical work during two periods a week for three terms.

The course comprises:

A detailed study of the human skeletal and muscular systems, and their association with the nervous system, to assist in the understanding of bodily movement; the principles of good posture in standing, sitting, and in movement; postural errors, their causes, effects, and preventive treatment; examination of patients for the recognition of postural defects, and courses of exercises for corrective purposes; suggestions for programmes of posture training in schools.

The following books are recommended for reference:

Smout, C. F. V., and McDowall, R. J., *Anatomy and physiology for students of physiotherapy* (Arnold).

R.A.F., *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).

#### 807. Human Nutrition.

This course consists of one lecture or lecture-demonstration 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 food-stuffs; energy and protein requirements of the body; the mineral constituents of the diet; accessory food factors; the processes of digestion absorption and excretion; normal and special diets; food preservation and food poisoning; the relative value of common natural foods and the economic aspects of nutrition.

N.B.—Students attending this course should have some knowledge of chemistry and physics, at least to the Intermediate stage; failing this they are expected to attend a special course in elementary chemistry concurrently with the course in Human Nutrition, and pass an examination in the general subject matter of the course. This special course is held during the first term.

Text-books recommended:

Mottram, V. H., *Human nutrition* (Arnold); or

Sherman, H. C., *Chemistry of food and nutrition* (Macmillan).

Marston, H. R., and Dawbarn, M. C., *Food composition tables* (C.S.I.R. Bulletin 178).

Other references will be given during the course of the lectures.

**808. Clinical Observation.**

Following the course in Body Mechanics, a series of hospital visits is arranged during the third year. Students are shown how to observe postural defects and deformities common among school children and young adults. X-rays of the bony changes occurring in deformities are explained, and corrective exercises demonstrated. The possibilities of preventive work in schools through early recognition of signs and symptoms, and through correct habitual postures, are demonstrated.

Students are expected to keep notes of their observations, and are given a practical examination at the end of the course.

**809. First Aid.**

This course consists of lectures and practical work, having special reference to the needs of physical education students, but also providing some background for those who have not already qualified for their St. John Certificate.

**811. Practice of Physical Education.**

The course consists of lectures and discussions on the work of administering physical education in practice, and occupies two periods a week.

It covers the nature of physical education in schools and its place in the curriculum; the organisation of physical education with particular reference to equipment, staffing, and administration; the work of the teacher in preparing tables of exercises, adjusting practical work to suit ages, weather and other conditions; establishing standards and developing interest. Methods of organising classwork, problems connected with class management and discipline, and methods and procedures of value in work with clubs, welfare groups and recreation centres are also discussed.

Credit is given for class exercises and essays.

The following books are recommended for reading and reference:

Publications of the British Board of Education: (a) *Syllabus of physical training for schools*, 1933; (b) *Recreation and physical fitness for youths and men*, 1937; (c) *Recreation and physical fitness for girls and women*, 1937; (d) *McNair Committee report on the training and recruitment of teachers and youth leaders*, 1944; (e) *Physical education: Denmark and Sweden* (Pamphlet No. 104, 1935); (f) *Physical education in Germany* (Pamphlet No. 19, 1937); (g) *Organised camping* (Pamphlet No. 11, 1948).

Hedley, G. W., and Murray, G. W., *Physical education for boys* (Methuen 1936).

Marshall, F. J. C., and Rees, W. R., *Physical education in boys' schools*, 2nd Edition, 1941 (London Univ. pr.).

Williams, J. F., and Brownell, C. L., *Administration of health and physical education* (Saunders).

Halliday, R. E., and Gordon, K. M., Education Department of Western Australia, *Physical education for primary schools* (1942), and *Pictorial handbook to physical education for primary schools* (1945).

*Physical and recreational training for Australian Women's Services.*

*Physical education for primary schools* (Physical Education Branch, Dept. of Public Instruction, Queens.).

*Physical education for Victorian schools* (Education Dept. of Vic., 1946).

*Moving and growing, physical education in the primary school* (Ministry of Education, England, 1952).

**812. Principles of Physical Education.**

The course consists of a series of lectures on the history and principles of physical education together with seminar discussions on topics and problems arising from the lectures and directed reading, and will take two periods a week for three terms. The unity of body-mind and the scientific bases of physical education are stressed, and the aims and the place of physical education in the life of the individual, the school and the modern community are discussed.

Credit is given for class exercises and essays.

The following books and reports are recommended for reading and reference:

Gardiner, E. N., *Athletics of the ancient world* (O.U.P., 1930).

Rice, E. A., *Brief history of physical education* (Barnes, 1929).

- Nixon and Cozens, *Introduction to physical education* (Saunders, 1938 or later edition).  
 Williams, *Principles of physical education* (Saunders, 1938).  
 Jacks, L. P., *Education of the whole man* (U.L.P., 1931).  
 Jacks, L. P., *Education through recreation* (U.L.P., 1932).  
 Jacks, M. L., *Physical education* (Nelson, 1938).  
 Smithells, Philip A., *Atlantic gap* (1948).  
 British Medical Association, *Report of the Physical Education Committee* (1936).  
 Randall, M. W., *Modern ideas on physical education* (Bell and Sons, 1952).  
 McIntosh, P. C., *Physical education in England since 1800* (Bell and Sons, 1953).

### 813. History of Education.

This course is the same as that required for one section of the B.A. course in Education, and takes two hours a week for about half the year. Additional periods dealing more specifically with the history of physical education are also arranged.

Students who have done little or no reading in ancient history are advised to read:

Breasted, J. H., *Ancient times* (Ginn).

#### Text-books:

Boyd, W., *History of western education* (Black).  
 Quick, R. H., *Essays on educational reformers* (Longmans).

#### Recommended for additional reading:

Curtis and Boulwood, *A short history of educational ideas* (Univ. Tutorial Pr.).  
 Monroe, P., *Brief course in the history of education* (Macmillan).  
 Cubberley, E. P., *History of education* (Mifflin).  
 Butts, R. F., *A cultural history of education* (McGraw-Hill).  
 Eby, F., and Arrowood, C. F., *The development of modern education* (Prentice-Hall).  
 Brubacher, *A history of the problems of education* (McGraw-Hill).

It will be possible for students taking this course to take the other part of the course, in the theory of Education, in order to complete the requirements of Education as a subject for the degree of B.A.

### 814. Physical Psychology.

During the first two terms the lectures deal with those aspects of general psychology which are of special concern to students of physical education. The major topics treated are:—basic terms and concepts, psychological aspects of physical and motor development, motivation, elementary learning theory, the psychology of adolescence, social development and the role of games and recreation.

During the third term the lectures deal with the psychology of play and recreation, and recreational leadership.

Essays and class exercises done during the year count towards the final examination.

#### Text-book:

Pressey, S. L., and Robinson, F. T., *Psychology and the new education* (Harper, Revised, 1944) (Pages 1-364).

#### Reference books:

Thouless, R., *General and social psychology* (University Tutorial pr., 2nd ed., 1937).  
 Sandiford, P., *Educational psychology* (Longmans, 1941).  
 Garrison, K. G., *Psychology of adolescence* (Prentice-Hall, 3rd ed., 1946).  
 Jersild, A. T., *Child psychology* (Prentice-Hall, 1944).  
 Boring, Langfeld and Weld, *Foundation of psychology*.  
 Skinner, C. E., *Educational psychology* (Prentice-Hall, revised ed. 1945).  
 Weir, L. H., *Europe at play* (Barnes, 1937).  
 Butler, G. D., *Introduction to community recreation* (McGraw-Hill, 1940).  
 Pearse, I. H., and Crocker, *Peckham experiment* (Allen and Unwin, 1944).  
 Mitchell, E. D., and Mason, B. S., *Theory of play* (Barnes, 1939).

**816. Practical Work.**

Candidates are required to attend demonstrations and to take part in practical exercises in various branches of physical activity for two years. Each year's work requires about 12 periods a week throughout the academic year. Attendance at practical classes is compulsory.

Students are required to achieve a reasonable standard of proficiency and teaching skill in the various branches. There is no formal examination, the student being assessed on his work throughout the year. The Lecturer-in-Charge has, notwithstanding, the right to prescribe a formal examination in any one or all branches of practical work.

Except in special cases approved by the Board of Studies in Physical Education a candidate who fails in more than one subject of either part will be required to repeat the whole of the practical work of that part. Part I must be completed before Part II is taken.

**PART I:**

For men: Gymnastics and minor games; dancing; organised sports and physical recreational activities; swimming; hiking and camping.

For women: Gymnastics and minor games; organised sports and physical recreational activities; dancing; swimming; hiking and camping.

**PART II:**

For men: Gymnastics and minor games; athletics and organised sports; swimming; combative exercises; hiking and camping.

For women: Gymnastics and minor games; athletics and organised sports; swimming; dancing; hiking and camping.

The course in swimming is spread over two years and a standard approximating that of the Royal Life Saving Society's Bronze Medallion is expected to be reached.

A prescribed gymnastic costume must be worn for all practical subjects.

**817. Practical Teaching.**

The prescribed practical work consists of attendance at about thirty sessions (about 90 hours) for demonstration and discussion lessons, and approximately ten weeks (or its equivalent, not necessarily consecutive) of teaching practice in such schools and under such conditions of supervision and reports as may be approved.

In addition to this work in schools, teaching practice and leadership experience may be prescribed for students in clubs, camps, and playgrounds either during term or in vacation.

**DIPLOMA IN SOCIAL SCIENCE**

Intending students should seek an interview by appointment with the lecturer-in-charge, Mrs. A. G. Wheaton.

**831. Economics.**

Candidates may take either the course in Economics I (see syllabus no. 151) or the course in Social Economics (see Syllabus no. 150). Either course comprises two lectures a week throughout the academic year.

**832. Psychology.**

The course, which comprises two lectures a week throughout the academic year, is the same as for the degree of B.A. See syllabus no. 81.

**833. Social Biology.**

There are alternative courses in Social Biology for the diploma in Social Science—A and B. Course A comprises the first two terms' work in Biology (269) and the third term's work specified below. Course B comprises the first two terms' work in Human Biology (801) and the third term's work specified below. A student who has been accepted by the Board of Studies as a candidate for the diploma in Social Science may present Course A as a Science subject for the degree of B.A.; but he cannot so present Course B.

During the third term a special course of lectures is given on the following subject-matter:

The value of vital statistics as a guide to, and measure of social medicine. Morbidity and mortality rates, especially infant and maternal figures; accidents, ageing populations.

The role of medicine in the life of the community. Public and voluntary programmes; individual medical practice. Immunisation. Herd and individual immunity. Diseases of social significance: tuberculosis, venereal disease, crippling diseases—arthritis, heart disease, nervous diseases. Prostitution.

Biological aspects of non-infective environmental factors: climate, nutritional requirements, urbanisation, the aeroplane in relation to infectious diseases.

Biological implications of hereditary factors in relation to society. The importance of distinguishing acquired from hereditary conditions, Rubella, Rh. groups.

Personal hygiene in society; groups as aggregates of individuals. The impact of sexual difficulties on everyday life.

Maladjustment of individuals and groups; repercussions on society from a biological point of view.

#### 834. Social History.

Either (1) or (2) or (3) may be taken.

##### (1) POLITICS II.

The course of lectures is given annually, and is completed in one year. See syllabus no. 62.

##### (2) HISTORY IIB.

The course of lectures is given each year. No student may take the course as part of a degree course until he has completed either Economics I or History I. See syllabus no. 54.

##### (3) SOCIAL HISTORY.

One lecture a week throughout the academic year.

This course is designed to give an historical outline of the social services and the measures, remedial and preventive, which have been adopted to solve social problems, particularly in Great Britain and Australia. It deals with the following: Measures taken from mediaeval times to the present day to deal with want and distress; social effects of the industrial revolution; trade unions and the Labour Movement; introduction of comprehensive and specialised social security programmes; social reforms connected with public health, treatment of criminals and delinquents, education and child welfare, industrial welfare and mental health; history of organised philanthropy; the relation between the statutory and voluntary social services; the present position of the Social Service State; the Women's Movement.

For preliminary reading:

Ashley, W. J., *Economic organisation of England* (Longmans).

Books of reference:

Trevelyan, G. M., *English social history* (Longmans).

Webb, S. J., and B., *English local government*, Vols. 1 and 2 (Longmans).

Fay, C. R., *Great Britain from Adam Smith to the present day* (Longmans).

Hammond, J. L. L. B., and B., *Village labourer* (Longmans); *Lord Shaftesbury* (Constable).

Hammond, J. L. L. B., and B., *Rise of modern industry* (Methuen).

Hammond, J. L. L. B., and B., *Age of the Chartists* (Longmans).

Pinchbeck, I., *Women workers of the industrial revolution* (Routledge).

Cole, G. D. H., *Short history of the British working class movement* (latest ed.) (Allen and Unwin).

Cole, G. D. H., and Postgate, R. W., *Common people* (Methuen).

Cole, M., *Makers of the labour movement* (Longmans).

Holyoake, G. J., *Co-operative movement today* (Methuen).

Rowntree, B. S., *Poverty* (Nelson).

Rowntree, B. S., *Poverty and progress* (Longmans).

Howard, J., *State of prisons* (Dent).

Hutchins, B. L., *Public health agitation* (Fifield).

Rathbone, E. F., *Disinherited family* (Arnold).

- Macadam, E., *New philanthropy* (Allen and Unwin).  
 Watson, J. A. F., *Meet the prisoner* (Cape).  
 Beveridge Report.  
 Great Britain, *Report of Royal Commission on population* (H.M.S.O.).  
 Newman, G., *The building of a nation's health* (Macmillan).  
 Strachey, R., *The cause*.  
 Booth, C. (ed.), *Life and labour of the people in London*.

Other references will be given in the course of the lectures.

### Principles and Practice of Social Work I (836) and II (837).

#### FIRST YEAR.

Three hours a week throughout the academic year.

#### Syllabus:

*The field of social welfare:* Social work as one of the means of attaining social welfare; human needs and social problems; community resources; the functions of social workers and methods of working with individuals, groups, and communities; historical development of social work.

*Introduction to theory of social work:* 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, group work, and community organisation as inter-related methods.

*Social Case Work I:* Philosophy, basic concepts, and processes of case work in relation to other forms of social work; the structure of the professional relationship; inter-relationships of client, worker, agency and community; development of professional skills of interviewing, case study, diagnosis and treatment, use of personal and community resources; forms of treatment; discussion of case material; case recording; the case worker as a member of a team.

*Social Group Work I:* Historical development of group work; agency settings; introduction to the theory and method of working with groups; analysis of groups; social processes in organised groups; the role of the leader; use of programmes.

*Community Organisations:* Historical background; community organisation as a generic process in social work; problems of discovering social needs in a community and of developing programmes to meet them; role of the professional consultant; co-ordinating agencies such as councils of social service and community chests; techniques and skills.

#### SECOND YEAR.

Three hours a week.

#### Syllabus:

*Social Case Work II:* The disciplined use of the self in a norm-regulated helping relationship; a more detailed analysis of interviewing methods; development of insight and skills in social case work with children, families and adults; more advanced study of principles and techniques based on case records.

*Psychiatric aspects of social work:* Psychopathology and its social implications; interpretation and significance of diagnostic classifications of neuroses, functional and organic psychoses, and character deviations; brief history of the development of psychiatric dynamics; significance of social factors; social worker's role in prevention, treatment and after-care; fields of psychiatric social work.

#### Special areas:

(a) *Family social work:* Effects on the individual of inter-relationships within the family; parent-child and husband-wife relationships; needs of a normal family in a cultural context, and community resources; atypical families, e.g., migrants; financial assistance and use of budgets; marriage counselling.

(b) *Child welfare:* Changing concepts of child welfare; needs of the normal child in relation to parental care and the responsibility of society; consideration of children with special needs such as the socially deprived, the physically and mentally handicapped, the delinquent and the emotionally disturbed; methods and skills in foster care, institutional placement, adoption, and in the use of community resources such as schools, health agencies and child guidance.

(c) *Medical Social Work:* Social case work in a medical setting as an integrated part of medical care. Social study and treatment of the patient as a person in a community; relationships between social worker and other members of the medical team, and with social agencies.

Contribution of social work through services concerned with psychological and social factors that affect the patient's adjustment to illness or his constructive utilization of available medical or health services; social and emotional factors which may contribute to illness, recovery or the working-out of a satisfactory way of living within limitations.

Reference books for First and Second Years:

*General, Social Case Work, Child Welfare:*

Hamilton, G., *Theory and practice of social case work* (Columbia Univ. pr.). (1953 ed.)

Hamilton, G., *Social case recording* (Columbia Univ. pr.).

Young, P., *Interviewing in social work* (McGraw-Hill).

Lowry, F., *Readings in social case work* (Columbia Univ. pr.).

Robinson, V. P., *A changing psychology in social case work* (Univ. of N. Carolina pr.).

Hollis, F., *Social case work in practice* (Family Welfare Association of America).

Towle, C., *Social case records from psychiatric clinics* (Univ. of Chicago).

Reynolds, B. C., *Between client and community* (Smith College studies in social work).

Rogers, C. R., *Counselling and psychotherapy* (Houghton, Mifflin Co.).

Rogers, C. R., *Client-centred therapy* (Houghton, Mifflin Co.).

Simey, T. S., *Principles of social administration* (O.U.P.).

Morris, C., *Social case work in Great Britain* (Faber).

Mess, H. A., and others, *Voluntary social service since 1918* (Kegan Paul).

Beveridge, W., *Voluntary action* (Macmillan, 1948).

Bourdillon, A. F. C. (ed.), *The voluntary social services* (Methuen).

U.K. Ministry of Education, 1944, *Community centres* (H.M.S.O.).

Nuffield Foundation, *Old people* (O.U.P.).

British Medical Association, *Care and treatment of the elderly and infirm* (B.M.A., 1947).

U.K. Home Office, 1945, *Making citizens* (H.M.S.O.).

Glover, E. R., *Probation and re-education* (Routledge).

National Council of Social Services, *Age is opportunity*.

Towle, J., *Family case-work and counselling: a functional approach* (Univ. of Pennsylvania).

Hollis, F., *Women in marital conflict* (Family Service Assoc. of America).

Kornitzer, M., *Child adoption in the modern world* (Putnam).

Burlington, D., and Freud, A., *Infants without families* (Allen and Unwin).

Bowlby, J., *Maternal care and mental health* (World Health Organisation, 1951).

*The family in a democratic society*—Anniversary Papers of the Community Service Soc. of N.Y. (Columbia Univ. pr.).

de Schweinitz, K., *England's road to social security* (Univ. of Penn. pr.).

de Schweinitz, K., *People and process in social security* (American Council on Education).

Miriam, L., *Relief and social security* (Brookings Instn.).

Burns, E., *American social security system* (Houghton, Mifflin).

Towle, C., *Common human needs* (American Asscn. of Social Workers).

Epstein, A., *Insecurity, a challenge to America* (Harrison Smith and Robert Haas).

Garrett, A., *Interviewing: its principles and methods* (Family Service Asscn. of America).

Fink, A. E., *The field of social work* (Henry Holt and Co.).

Kasius, C. (ed.), *Principles and techniques in social casework* (Family Service Asscn. of America).

Stroup, H., *Social work: an introduction to the field* (American Book Co.).

Bakewin, R. M., and H., *Psychologic care during infancy and childhood* (Appleton-Century Co.).

Gordon, R. G. (ed.), *A survey of child psychiatry* (O.U.P.).

Hadfield, J. A., *Psychology and mental health* (Allen and Unwin).

Fredericksen, H., *The child and his welfare* (W. H. Freeman and Co.).

Abbott, G., *The child and the state* (Univ. of Chicago pr.).

Hutchinson, D., *In quest of foster parents* (Columbia Univ. pr.).

Meyer, *Studies of children* (King's Crown pr.).

- Healy, W., Bonner, A., Baylor, A., Murphy, J., *Reconstructing behaviour in youth* (Knopf).  
 Schulze, S. (ed.), *Creative group living in a children's institution* (Assocn. pr.).  
 Burmeister, E., *Forty-five in the family* (Columbia Univ. pr.).  
 Bovet, L., *Psychiatric aspects of juvenile delinquency* (World Health Organization).

*Group Work:*

- Coyle, G., *Group work with American youth* (Harper).  
 Klein, A., *Society, democracy and the group* (Whiteside).  
 Konopka, G., *Group work in the institution* (Whiteside).  
 Lindsay, A., *Recording in group work* (Woman's pr.).  
 Murray, C., and J., *Guide lines for group leaders* (Whiteside).  
 Sullivan, D. (ed.), *Readings in group work* (Assocn. pr.).  
 Trecker, H., *Social group work* (Woman's pr.).  
 Wilson, G., and Ryland, G., *Social group work* (Houghton, Mifflin).  
 Wittenberg, R., *So you want to help people* (Assocn. pr.).  
 Wittenberg, R., *The art of group discipline* (Assocn. pr.).

*Community Organisation:*

- Buell, B., and others, *Community planning for human services* (Columbia Univ. pr.).  
 Dillick, S., *Community organization for neighbourhood development* (Woman's pr.).  
 Johns, R., and De Marche, D., *Community organization and agency responsibility* (Assocn. pr.).  
 McMillen, W., *Community organization for special welfare* (Univ. of Chicago pr.).  
 Stroup, H., *Community welfare organization* (Harper).

*Periodicals:*

- Social case work.*  
*Social service review.*  
*Social work.*  
*British journal of psychiatric social work.*  
*American journal of orthopsychiatry.*  
*Social service—National Council of Social Service* (Lond.).  
*Social work journal* (American Assocn. of Social Workers).  
*The group* (American Assocn. of Group Workers).  
*The child* (Children's Bureau).  
*Proceedings of national conference of social work.*  
*The social work year book* (American Assocn. of Social Workers).

References to additional reading will be given in the lectures.

### 839. Sociology.

Two lectures a week; tutorials by arrangement.

(a) SOCIOLOGY.

SYLLABUS.—Definition, scope and methods of sociology; relation to the social sciences and social philosophy; application of scientific method to sociology.

Nature of the social interaction: tendency to form groups; interests; the individual and society; co-operation, competition, conflict and assimilation; social order; personality and social order.

Social structure: society and community; institutions and associations; roles and statuses; social stratification; culture and civilization; structure of primitive society; growth of societies; the modern state; demographic aspects of social structure.

Social control: the normative aspect of society; custom, morals, religion, law, convention, fashion, public opinion, education and propaganda; social controls in primitive society; adjustment and deviation.

Social change: biological, geographical, technological and cultural factors; social development; social values and cultural trends; social mobility; migration and cultural assimilation; culture contacts; social disorganisation; theory of cultural lag; social problems; social planning; social aspects of town and regional planning.



Comparative study of some social institutions: marriage and the family; the state; social class; property; justice.

Unity of society; functional adequacy of culture.

(b) SOCIAL PHILOSOPHY.

Values and their expression in social relationships; need of a social philosophy; ethical relativity and objectivity; the good in its relation to freedom; justice, liberty and equality; some theories of punishment; a brief historical survey of ethical thought; philosophical bases of some modern political systems and of social case work; social progress.

Textbooks:

- Martindale, D., and Monechese, E. D., *Elements of sociology* (Harper).  
Green, A. W., *Sociology* (McGraw-Hill).

Books of reference:

- La Piere, R. T., *Sociology* (McGraw-Hill).  
Ginsberg, M., *Sociology* (O.U.P.).  
MacIver, R. M., *Society* (Macmillan).  
Hiller, E. T., *Social relations and structures* (Harper).  
Hobhouse, L. T., *Morals in evolution* (Chapman and Hall).  
Hobhouse, L. T., *Social development* (Allen and Unwin).  
Folsom, J. K., *Family and democratic society* (Routledge and Kegan Paul).  
Landis, J. T., and Landis, M. G., *Readings in marriage and the family* (Prentice-Hall).  
Bartlett, F. C., and others, *Study of society* (Paul, Trench, Trubner).  
Mess, H. A., *Social structure* (Routledge).  
Svendo Riemer, *The Modern City* (Prentice-Hall).  
Myrdal, A., *Nation and family* (Routledge).  
Lemert, *Social pathology* (McGraw-Hill).  
von Hentig, H., *Crime: causes and conditions* (McGraw-Hill).  
Tappan, P. W., *Juvenile delinquency* (McGraw-Hill).  
Tappan, *Contemporary correction* (McGraw-Hill).  
Young, *Social treatment* (McGraw-Hill).  
Ogburn, W. F., *Social change* (N.Y. Viking pr.).  
Malinowski, B., *Crime and custom in savage society* (Paul, Trench, Trubner).  
Malinowski, B., *Scientific theory of culture and other essays* (Univ. of Nth. Carolina pr.).  
Malinowski, B., *Dynamics of culture change* (Yale Univ. pr.).  
Mead, M., *From the South Seas* (Morrow).  
Strehlow, T. G. H., *Aranda traditions* (Melb. Univ. pr.).  
Westermarck, E. A., *History of human marriage* (Macmillan).  
Westermarck, E. A., *Origin and development of the moral ideas* (Macmillan).  
Landtman, G., *Origin of the inequality of social classes* (Paul, Trench, Trubner).  
Warner, W. Lloyd, et al., *Social class in America* (Chicago: Science Research Associates, 1949).  
Warner, W. L. and Low, J. O., *The social system of the modern factory* (Yale Univ. Pr.).  
Benedict, R., *Patterns of culture* (Houghton, Mifflin).  
Frazer, J. G., *Golden bough* (Macmillan).  
Zimmerman, C. C., *Family and civilization* (Harper).  
Sorokin, P. A., *Contemporary sociological theories* (Harper).  
Titmuss, R. M., *Problems of social policy* (H.M.S.O.).  
Borrie, W. D., *Population trends and policies*.  
Hobhouse, L. T., *Rational good* (Watts).  
Hobhouse, L. T., *Elements of social justice* (Allen and Unwin).  
Plato, *Republic*.  
Zimmern, A. E., *Greek commonwealth* (O.U.P.).  
Tawney, R. H., *Equality* (Allen and Unwin).  
Articles in *Encyclopaedia of the Social Sciences*.  
*British journal of sociology* (Routledge, Kegan Paul).  
*American journal of sociology*.

*Rural sociology.*  
*Population studies* (C.U.P.).  
*U.N. publications.*

References to additional reading will be given in the lectures.

#### 841. Social Psychology.

Two lectures and, if possible, one discussion class a week.

This course aims at covering the psychological conditions of social life.

**SYLLABUS.**—Definition and field of social psychology; independent, dependent and intervening variables. Historical outline. The individual in his social and cultural setting. Nature and nurture in individual differences; sex and race differences. Foundations of personality: the biological approach to the study of personality; theories of motivation; feeling and emotion; learning. Social factors in memory, perception, judgment and motivation. Beliefs and attitudes. Intelligence tests; mental deficiency. Personality as a structural whole; the field theory. The processes of socialization. Social interaction; the individual in the group. Suggestion; imitation and sympathy. Communication and the development of language; co-operation, differentiation, competition, conflict, domination and submission, frustration and aggression. Mental mechanisms affecting social interaction. Culture patterns and collective behaviour; formation of group norms, stereotypes and prejudice; concepts of role and status; cultural factors in the development of personality. Genetic approach to the study of personality; concept of normality; social maturity and factors conducive to mental health. Integration and dissociation of personality. Psychological processes involved in social change; attitudes—formation and change; leadership; effects of group situations. The psychology of maladjustment; personality deviations and behaviour problems, social factors in delinquency; psycho-neuroses; psychoses.

#### Books:

##### (a) Prescribed text-books:

- Klineberg, O., *Social psychology* (Holt).  
 Krech, D., and Crutchfield, R. S., *Theory and problems of social psychology* (McGraw-Hill).  
 Murphy, G., *Personality* (Harper).  
 Hart, B., *Psychology of insanity* (C.U.P.).

##### (b) Books of reference:

- Newcomb, T. M., and Hartley, E. L., *Readings in social psychology* (Henry Holt and Co., N.Y.).  
 La Piere, R. T., and Farnsworth, P. R., *Social psychology* (2nd ed.) (McGraw-Hill).  
 Sherif, M., *Outline of social psychology* (Harper).  
 Miller, N. E., and Dollard, J., *Social learning and imitation* (Paul, Trench and Trubner).  
 Louttit, C. M., *Clinical psychology of children's behaviour problems* (Harper).  
 Linton, R., *Cultural background of personality* (Paul, Trench and Trubner).  
 Cantril, H., *Psychology of social movements* (Wiley).  
 Young, K., *Handbook of social psychology* (Paul, Trench, Trubner).  
 Mead, R., *From the South Seas* (Morrow).  
 Murphy, G. and L., *Experimental social psychology* (Harper).  
 Ginsberg, M., *Psychology of society* (O.U.P.).  
 Allport, G. W., *Personality* (Constable).  
 Jennings, H. S., *Biological basis of human nature* (Faber).  
 Hollingworth, L. A., *Psychology of the adolescent* (King).  
 Penrose, L. S., *Mental defect*. (Sidgwick).  
 Benedict, R., *Patterns of culture* (Houghton, Mifflin).  
 Gordon, R. G., and others, *Introduction to psychological medicine* (O.U.P.); or  
 Fisher, V. E., *Introduction to abnormal psychology* (Macmillan).  
 Murray, H. A., *Explorations in personality* (O.U.P.).  
 Kluckhohn, C., and Murray, H. A., *Personality in nature, society and culture* (Knopf).  
 Cantril, H., and others, *Gauging public opinion* (Oxford, 1944).

Hadfield, J. A., *Psychology and mental health* (Allen and Unwin).  
 Freud, S., *Group psychology and the analysis of the ego* (Hogarth).  
 Dennis, W. (ed.), *Readings in child psychology* (Prentice-Hall).  
 Kardiner, A., *Psychological frontiers of society* (Columbia Univ. pr.).  
 Newcomb, T. M., *Social psychology* (Dryden).  
*Human relations* (Tavistock Publications).

- (c) For preliminary reading:  
 Munn, N. L., *Psychology* (Houghton, Mifflin, Co.).

#### 843. Social Organisation.

This course is given in alternate years, and will be given in 1955.

SYLLABUS.—Law and government; structure and functions of the courts; social services in our own community, legislation affecting them and methods of administration, the relative spheres of Federal, State, and Local Government activities, and the relation of statutory to voluntary social services. Special reference will be paid to: (1) *Child Welfare*: health, education and recreation of the normal child; care of the physically disabled, neglected, retarded and delinquent; (2) *The Family*: marriage, divorce, desertion, custody, maintenance, adoption, law of property, etc.; (3) *Housing and Town-planning*; (4) *Public Health*; (5) *Labour*: workmen's compensation; employment services; vocational guidance; (6) *Social Security*: unemployment and other benefits, pensions; family endowment; rehabilitation; (7) *General*: other laws relating to problems of social work, e.g., hire purchases, loans, etc.; nationality and naturalization; aboriginals.

Books of reference:

Texts of Acts of Parliament.

*Commonwealth year book*.

Other references will be given throughout the lectures.

#### 845. Nutrition.

See syllabus no. 807 for the course in Human Nutrition given to physical education students.

#### 847. Practical Work.

Before qualifying for the diploma a student must satisfy the Board that he has reached a satisfactory standard in practical work.

Each student will be required to work in social agencies under the guidance of trained supervisors for two days a week during the first and second terms of each year, and for continuous full-time periods amounting to four months, spread over the two years, and usually including a period of two months in the first long vacation and two months at the end of the second academic year, or for an equivalent period.

*Visits of Observation*: Visits of observation are arranged to government social service departments, community centre, children's Homes and other institutions, Homes for the aged, hospitals, Juvenile Court, opportunity classes, factories, rehabilitation centre, prison and reformatory, etc.

*Tutorials*: Students are expected to attend tutorials in which opportunities are given for the discussion of their problems.

## DIPLOMA IN PHYSIOTHERAPY

### FIRST-YEAR COURSE.

#### 861. Anatomy.

**ANATOMY.**—A course on human biology during the first term, and courses on the topographical anatomy of the extremities and trunk during the whole of the year.

**HISTOLOGY AND EMBRYOLOGY.**—A course of lectures, demonstrations and practical classes extending over three terms.

**PRACTICAL.**—Students are required to dissect the extremities and the trunk. Special demonstrations are held throughout the year.

During the third term students dissect the human brain and make themselves familiar with its major macroscopic features.

## Books:

- Abbie, A. A., *Principles of anatomy*, latest ed. (Angus and Robertson).  
 Cunningham, D. J., *Manual of practical anatomy*, latest ed. (Angus and Robertson).  
 Lockhart, R. D., *Living anatomy* (Faber).  
 Hamilton, W. J., Boyd, J. D., and Mossman, H. W., *Human embryology* (Heffer); or  
 Hewer, E. E., *Textbook of histology for medical students* (Heinemann).

## For reference:

- Cunningham, D. J., *Textbook of anatomy* (O.U.P.); or  
 Gray, H., *Anatomy, descriptive and surgical* (Longmans).

Students must equip themselves with dissecting instruments and half a human skeleton, if procurable. Some microscopes are available for hire by students.

**862. Physiology.**

The course consists of two lectures a week in the first and second terms and one a week in the third term. It deals with: Blood; lymph and tissue fluid; circulatory system: heart and vessels; respiration: essentials of nutrition and energy; metabolism; heat regulation; kidney; endocrines; essentials of nerve and muscle physiology.

**863. Physics (including the Physics of Medical Electricity).**

The course consists of one lecture-demonstration a week throughout the year, and deals with relevant topics in Physics, viz., force, moments, and energy; temperature, heat-energy, humidity, ventilation; production and properties of infra-red, visible, and ultra-violet radiations; electricity and magnetism, including the production and properties of direct, alternating and high-frequency currents; ionization and electrolysis, shielding of apparatus, heating by high-frequency currents, etc.

The scope of the course is defined by typed lecture notes. The text-books set for Medical Electricity, together with an elementary text-book on Physics, are suitable for reference.

**864. Theory and Practice of Massage and Manipulation.**

The course consists of two hours a week during the second and third terms.

**THEORY.**—Ten lectures on history of medicine. Brief review of primitive medicine; medicine in Mesopotamia; that of the Ancient Egyptians, Persians, Indians, and Chinese. Greek medicine; the Alexandrian School; medicine in the Roman Empire; Arabic medicine; the medieval awakening; the rise of the Universities; anatomical advance and its influence on surgery; the experimental era and its wealth of discoveries; the contribution of physicists; bacteriologists; clinical teachers and pathologists to med. anaesthesia; nursing; outline of advances over last 100 years.

Ten lectures on the theory of massage manipulations; their effects and uses; description of general massage, and of that used for certain surgical conditions and contra-indications. Ethics.

## Reference books:

- Jacobson, E., *Progressive relaxation* (Univ. of Chicago Press).  
 Osler, W., *The evolution of modern medicine* (Yale Univ. Press).  
 Mettler, F. A., *History of medicine* (Blakiston).  
 Neuburger, *History of medicine* (Oxford Med. Publ.).  
 Singer, *A short history of medicine* (O.U.P.).

**PRACTICE** (Students working on each other).—Instruction in relaxation, rhythm and other preparatory exercises. General massage for arm, leg and back.

**865. Theory of Movement (including Body Mechanics and Swedish Remedial Exercises) and Practice of Remedial Exercises.**

The course consists of two hours a week during the third term.

The work of Hendrik Ling and others in the development of remedial exercises.

Relaxation; co-ordination; levers; axes and planes; centre and line of gravity; the work and properties of muscles; group action of muscles; posture; examination of patient; balance; mechanics of pelvis; reflexes; fundamental starting positions.

## Text-book:

Prosser, E. M., *Manual of massage and movements* (Faber and Faber).

## Reference:

Wells, K. F., *Kinesiology* (W. B. Saunders).

## 866. Social Psychology.

Same course as for Social Science students, but a separate examination will be held. See Syllabus No. 841.

## SECOND-YEAR COURSE

## 871. Anatomy.

ANATOMY.—Lectures on the topographical anatomy of the head and neck during the first and second terms.

NEUROLOGY.—Students attend the course of lectures on neurology given in the first term to medical students but do not take part in the practical work.

PRACTICAL.—Students dissect the head and neck.

## Text-books:

No special books are required, but the following are recommended for general reading:

Jones, F. Wood, *Principles of anatomy as seen in the hand* (Baillière, Tindall and Cox).

Jones, F. Wood, *Structure and function as seen in the foot* (Baillière, Tindall and Cox).

## 872. Theory of Treatments and Practice of Massage.

A. TREATMENTS.—The course consists of one hour a week throughout the three terms:

Brief revision of causes, changes, signs and symptoms of the following conditions, with detailed aims and methods of treatment by massage and exercises: fractures, dislocations and other conditions affecting osseous system; sprains; muscle trauma; synovitis; arthritis; burns, scars, pressure sores; amputations; pre- and post-natal treatments. The forms of electrotherapy which are beneficial are mentioned, but no details are given of dosage or methods of application.

B. MASSAGE.—The course consists of one hour a week throughout the three terms. Students work on each other.

General massage of head, neck, chest and abdomen. Special treatments for particular conditions. Management of bed patients, lifting, bandaging, etc.

## Text-books:

Tidy, N. M., *Massage and remedial exercises in medical and surgical conditions* (Wright).

Heardman, Mrs. H., *Physiotherapy in obstetrics and gynaecology* (Livingstone).

Randall, M., *Training for childbirth* (Churchill).

## Reference books:

Naylor, A., *Fractures and orthopaedic surgery for nurses and masseuses* (2nd ed.) (Livingstone).

Stone, K., *Diseases of the joints and rheumatism* (Heinemann).

Cyriax, J. H., *Textbook of orthopaedic medicine* (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).

## 873. Theory of Movement and Practice of Remedial Exercises.

The course consists of two hours a week throughout the three terms.

THEORY.—Principles for building schemes of exercises: commands; apparatus; the body mechanics, muscle work and effects and uses of all starting positions derived from the fundamental positions. Exercises as set out in Prosser, E. M., *Manual of massage and movements* (Faber and Faber). Schemes of exercises suitable for conditions benefited by remedial exercises, including pre- and post-natal work.

**PRACTICE** (Students working on each other).—Students are taught to take and to teach the fundamental and derived positions accurately, and the exercises as set out in Prosser, *Manual of massage and movements*. Original and educational exercises are built up for all muscle groups. Class work: commands, co-ordination exercises including Frenkels.

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).

#### 874. Pathology.

The course consists of one lecture a week for three terms, together with clinical demonstrations at the Royal Adelaide Hospital and microscopic sections.

**A. GENERAL PATHOLOGY.**—Inflammation; infection; immunity (fever); hypertrophy and atrophy; degeneration; repair (scar tissue, adhesions, etc.); nature of tumorous 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; skin diseases; diseases of the eye.

Text-book:

- Boyd, W., *Text-book of pathology* (Lea and Febiger).

#### 875. Medical Electricity.

The course consists of one lecture a week for three terms and practical work for one hour a week for three terms.

Physical therapy in practice of medicine. Electromedical currents: apparatus and accessories, effects, general rules for treatment. Electrical reactions of muscles and nerves: Wallerian degeneration, technique and value of testing; electrical stimulation for treatment. Low frequency currents: galvanic current and iron transfer, Faradic and sinusoidal; physics and physiological effects; technique and dangers. High frequency currents and apparatus: short and long wave diathermy; physiological effects; general technique; safety rules; electrical injuries; causes. Physics of radiant energy; electro-magnetic spectrum; infra red and luminous radiation; sources, effects, clinical use; technique and precautions. Ultra violet radiation: physics and effects; therapy, sources, technique; indications and contra-indications.

Text-book:

- Clayton, E. B., *Electro therapy and actino therapy* (Baillière, Tindall and Cox).

Reference books:

- Kovacs, R., *Electric therapy and light therapy* (Kempton).  
 Morris, H., *Medical electricity for massage students* (3rd ed., Churchill).  
 Osborne and Holmquest, *Technic of electro therapy* (Baillière, Tindall and Cox).

#### 876. Practical Work.

The practical work on patients is carried out at the Royal Adelaide Hospital and at the Queen Victoria Maternity Hospital.

**A. OUT-PATIENTS.**—Three afternoons a week throughout the three terms, approximately 300 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 one morning a week during the academic year.

## THIRD-YEAR COURSE

## 881. Theory of Muscle Re-education

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. Trick movements, harmful and good.

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. Application of re-education principles to cerebral palsy; types of cerebral palsy and special technique of treatment for each type; splinting for cerebral palsy.

D. Brief outline of normal child development and posture.

## 882. Theory and Practice of Specialised Treatments.

The course consists of one lecture a week and daily practical instruction during the three terms, and includes the theory and practice of specialised medical and surgical treatments.

In addition, there are 8 lectures on orthopaedics by an orthopaedic surgeon, 2 lectures on chest surgery by a chest surgeon, 6 lectures on physiotherapy for chest conditions, 2 lectures on neurosurgery by a neurosurgeon, and 4 specialised lectures on the mechanical and electrical construction of machines used in medical electricity.

## Reference books:

Jones, R., and Lovett, R., *Orthopaedic surgery* (Oxford Medical Publications).

Forrester-Brown, M. E., *Diagnosis and treatment of deformities in infancy and early childhood* (Oxford Medical Publications).

Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).

Knudsen, K. A., *Text-book of gymnastics* (Churchill).

Smith, O. Guthrie, *Rehabilitation; re-education and remedial exercises* (Baillière, Tindall and Cox).

Angove, Hester, *Remedial exercises for certain conditions of the heart and lungs* (Faber).

Fletcher, E., *Medical disorders of the locomotor system including rheumatic diseases* (Livingstone).

Cash, Joan E., *Text-book of medical conditions for physiotherapists* (Faber and Faber).

Kendall, H. O. and F. P., *Posture and pain* (Williams and Wilkins).

Allen, Edgar, Van Nuys, and others, *Peripheral vascular diseases* (Saunders).

## 883. Practical Work on Patients.

## A. At the Royal Adelaide Hospital:

The course extends over sixteen weeks, and includes short wave diathermy, electrical stimulation, ultra violet, infra red treatments and plaster work, as well as general treatments in the wards and at Out-patients' Departments. The students work approximately 30 hours a week, a total of 480 hours.

## B. At the Adelaide Children's Hospital:

The course comprises 30 hours a week for eighteen weeks and includes practice in the wards and the Physiotherapy Department, and instruction and practice in re-education and in the making of plaster splints. There is also one hourly tutorial each week during the three terms.

## C. At the Queen Victoria Maternity Hospital:

Students attend full time for two weeks, the work covering pre- and post-natal work and clinical instruction.

D. At all hospitals, case notes must be kept and submitted for examination at the end of each term. The results are submitted to the board of examiners at the end of the year.

### **TIME-TABLES FOR 1955**

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  
TIME-TABLES FOR 1955  
FACULTY OF ARTS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
	Elementary Greek .. ..		Times to be arranged				
2	Greek I .. ..	—	9	9	9	—	—
3	Greek II .. ..	—	9	9-11	9	—	—
5	Greek III .. ..		Times to be arranged				
6, 7	Latin I .. .. Day Night	11 5.15-7.15	11	11	— 5.15-7.15	11	—
9	Latin II and III .. ..	12	12	12*	12	—	—
11	Comparative Philology .. ..	5	—	—	5	—	—
20	Honours Classics .. ..		Times to be arranged				
21	English IA .. .. Day Night	12 5.15	—	5.15	11	—	—
22	English I .. .. Day Night	—	12 5.15	—	—	12 5.15	—
23	English II .. .. Even Years Odd Years	—	11 5.15	—	—	12 5.15	—
28	English III .. .. Even Years Odd Years	—	5.15 11	—	—	5.15 12	—
31	Honours English .. ..		Times to be arranged				
32	French I—Lectures .. .. Day Night	— —	10 6.15	—	—	10 6.15	—
33	Oral .. ..	—	—	6.15	—	—	—
35, 36, 38	French II .. .. Lectures	10	—	—	10	—	—
41	Oral .. ..		Times to be arranged				
42	French III .. .. Lectures	—	10	—	—	10	—
43	Oral .. ..		Times to be arranged				
44	Old and Middle French I and II and Honours French .. ..		Times to be arranged				
45	German I .. ..	4	5.15	—	—	5.15	—
46	German II .. ..	5.15	4-5 5.15-6.15	—	—	—	—
47	German III .. ..	11-12 12-1	—	12	—	—	—
48	First Year Honours German .. ..	12	—	—	—	—	—
49	Second Year Honours German .. ..	—	5.15	—	—	10	—
50	Final Year Honours German .. ..	11	—	10	—	—	—
51	Seminar for all Honours German Students .. ..	—	—	—	—	11	—
52	Scientific German Beginners .. ..	2	—	12	—	—	—
53	Advanced .. ..	9	—	—	—	—	—
54	History IA .. .. Even Years Odd Years	—	9 7.15	—	—	9 7.15	—
55	History IB .. .. Even Years Odd Years	—	7.15 9	—	—	7.15 9	—
56	History IIA .. .. Even Years Odd Years	9 5.15	—	—	9 5.15	—	—
57	History IIB .. .. Even Years Odd Years	—	7.15 9	—	—	7.15 9	—

\* Latin III, third term only.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday	
55	History III .. .. .	5.15	—	—	5.15	—	—	
58	Honours History .. .. .		Times to be arranged					
61	Politics I .. .. . Even Years	—	7.15	—	—	7.15	—	
	Odd Years	—	9	—	—	9	—	
62	Politics II .. .. . Even Years	9	—	—	9	—	—	
	Odd Years	6.15	—	—	6.15	—	—	
63	Politics IIIA .. .. . Even Years	7.15	—	—	7.15	—	—	
	Odd Years	9	—	—	9	—	—	
64	Politics IIIB .. .. . Even Years	—	9	—	—	9	—	
	Odd Years	—	5.15	—	—	5.15	—	
68	Honours Politics .. .. .		Times to be arranged					
71	Philosophy I .. .. . Day	11	—	—	11	—	—	
	Night	—	5.15	—	—	5.15	—	
72	Philosophy IIA .. .. .	}	Times to be arranged					
73	Philosophy IIB .. .. .		Times to be arranged					
74	Philosophy IIIA .. .. .		Times to be arranged					
75	Philosophy IIIB .. .. .		Times to be arranged					
78	Honours Philosophy .. .. .		Times to be arranged					
81	Psychology I .. .. . Day	10	—	—	10	—	—	
	Night	5.15	—	—	5.15	—	—	
82	Psychology II .. .. .		Times to be arranged					
83	Psychology III .. .. .		Times to be arranged					
84	Neurophysiology (third term) ..		see Zoology IB (273), Faculty of Science					
91	Geography I—Lectures .. .. . Day	11	—	—	11	—	—	
	Night	—	5.15	—	—	5.15	—	
	*Practical .. .. .	10(A)	6.15(B)	—	12(C)	—	—	
92	Geography II—Lectures .. .. . Practical	4.15	—	—	4.15	—	—	
		5.15	—	—	—	—	—	
93	Geography III .. .. .	—	—	4.15-6.15	—	4.15	—	
95	Economic Geography .. .. .	—	—	7.15	—	7.15	—	
98	Honours Geography .. .. .		Times to be arranged					
101	Education .. .. . Day	—	2	—	2	—	—	
	Night	—	5	—	5	—	—	
141	History of Thought .. .. .		Times to be arranged					
			<b>DIPLOMA IN EDUCATION</b>					
105	Hygiene .. .. .	9	—	—	—	—	9	
108	Pre-Primary Education III .. .. .	4.30	—	—	—	—	—	
111	Primary Education III .. .. .	—	—	4.30	—	—	—	
114	Secondary Education III .. .. .	—	—	—	—	—	11	
117	Educational Psychology II .. .. .	—	—	—	—	—	10	
	<b>N.B.—All Economics subjects— under Faculty of Economics.</b>							

\* Candidates must attend either session (A) or session (B) or session (C)

## FACULTY OF ECONOMICS

No. in Syllabus	Subject	Years	Monday	Tuesday	Wed.	Thursday	Friday	Saturday	
150	Social Economics	Even Years Odd Years	— 5.15	— —	12 —	— 5.15	12 —	— —	
151	Economics I	.. Even Years .. Odd Years	5.15 —	— —	— 12	5.15 —	— 12	— —	
152	Economics II	.. Even Years .. Odd Years	— —	— —	10 5.15	— —	10 5.15	— —	
153	Economics III	.. Even Years .. Odd Years	— —	— —	5.15 10	— —	5.15 10	— —	
158	Honours Economics	.. ..	Times to be arranged						
161	Economic Statistics I	Even Years Odd Years	— 5.15	— —	12 —	— 5.15	12 —	— —	
162	Economic Statistics II	Odd Yrs. only	}	Times to be arranged					
169	Public Finance	Odd Years only							
171	Accountancy I	.. Even Years .. Odd Years	— —	— 5.15	12 —	— 6.15	12 —	— —	
172	Accountancy II	.. ..	—	5.15	—	6.15	—	—	
173	Accountancy IIIA	.. ..	—	12	—	12	—	—	
174	Accountancy IIIB	.. ..	—	5.15	—	6.15	—	—	
181	Law I	.. .. .	6.15	—	—	—	6.15	—	
182	Law II	.. .. .	—	—	6.15	—	6.15	—	
183	Law III	.. .. .	—	—	6.15	—	6.15	—	

Times for tutorial classes will be arranged at commencement of lectures.

**NIGHT LECTURES FOR 1955**  
**FACULTIES OF ARTS, SCIENCE AND ECONOMICS**

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
5	Latin I .. .. .	5.15-7.15	—	—	5.15-7.15	—	—
9	Comparative Philology .. ..	5	—	—	5	—	—
20	English IA .. .. .	5.15	—	5.15	—	—	—
21	English I .. .. .	—	5.15	—	—	5.15	—
22	English II—Odd Years .. ..	—	5.15	—	—	5.15	—
31	French I—Lectures .. ..	—	6.15	—	—	6.15	—
	Oral .. .. .	—	—	6.15	—	—	—
41	German I .. .. .	4	5.15	—	—	5.15	—
42	German II .. .. .	5.15	4-6	—	—	—	—
51	History IA—Odd Years .. ..	—	7.15	—	—	7.15	—
53	History IIA—Odd Years .. ..	5.15	—	—	5.15	—	—
55	History III .. .. .	5.15	—	—	5.15	—	—
62	Politics II—Odd Years .. ..	6.15	—	—	6.15	—	—
64	Politics IIIB—Odd Years .. ..	—	5.15	—	—	5.15	—
71	Philosophy I .. .. .	—	5.15	—	—	5.15	—
81	Psychology I .. .. .	5.15	—	—	5.15	—	—
91	Geography I—Lectures .. ..	—	5.15	—	—	5.15	—
	Practical .. .. .	—	6.15	—	—	—	—
95	Economic Geography .. ..	—	—	7.15	—	7.15	—
101	Education .. .. .	—	5	—	5	—	—
150	Social Economics—Odd Years ..	5.15	—	—	5.15	—	—
152	Economics II—Odd Years .. ..	—	—	5.15	—	5.15	—
161	Economic Statistics I—Odd Years	5.15	—	—	5.15	—	—
171	Accountancy I—Odd Years .. ..	—	5.15	—	6.15	—	—
172	Accountancy II .. .. .	—	5.15	—	6.15	—	—
174	Accountancy IIIB .. .. .	—	5.15	—	6.15	—	—
181	Law I .. .. .	6.15	—	—	—	6.15	—
182	Law II .. .. .	—	—	6.15	—	6.15	—
183	Law III .. .. .	—	—	6.15	—	6.15	—
201	Pure Mathematics I .. .. .	5.15	—	5.15	—	5.15	—
221	Physics I—Lectures .. ..	5.15	—	5.15	—	5.15	—
	Practical .. .. .	6.15-8.15	—	6.15-8.15	—	—	—
231	Chemistry I—Lectures .. ..	5.15	—	5.15	—	5.15	—
	*Practical (at S.M.) .. ..	—	—	7.15-10	—	7.15-10	—
251	Geology I—Lectures .. ..	—	6.15	—	6.15	—	—
	Practical .. .. .	—	5.15	—	5.15	—	—
269	Biology—Lectures .. ..	—	—	6.15	—	6.15	—
	Practical .. .. .	—	—	7.15-9.15	—	7.15-9.15	—

\* Candidates should consult the School of Mines authorities early in the year, and especially about practical work in Organic Chemistry.

## FACULTY OF SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
<b>FIRST-YEAR SUBJECTS—</b>						
201	Pure Mathematics I—Lectures* .. .. Tutorials (1 hr.)	10 11	10 9	— —	10 9, 11	— —
207	Applied Mathematics I—Lectures .. Tutorials (1 hr.)	11 —	11 —	— 12	11 10	— 11
216	First Years Honours Mathematics .. Tutorials (1 hr.)	10	10	—	10	—
Times to be arranged						
221	Physics I—Lectures .. .. Practical** .. ..	9 10-12	—	9 10-12	—	9 10-11
231	Chemistry I—Lectures .. .. Practical*** .. ..	12 2-5(B)	— 2-5(A)	12 —	— 2-5(B)	12 2-5(A)
251	Geology I—Lectures .. .. Practical*** .. ..	—	— 12(A)	11 10(B)	— 12(A)	11 10(B)
261	†Botany I—Lectures .. .. Practical .. ..	— 10-12(A)†	9 10-12(B)	— 2-4(A)†	9 10-12(B)	—
269	Biology—Lectures .. .. Practical .. ..	—	—	6.15 7.15-9.15	—	6.15 7.15-9.15
271	‡Zoology I—Lectures .. .. Practical .. ..	— 2-5	12 —	—	12 2-5	—
272	Zoology IA—(Agric. and Dentistry) Lectures .. .. Practical .. ..	11 —	— 2-5	9 —	—	— 2-5
273	Zoology IB—Lectures .. .. Practical .. ..	11 —	— 2-5	9 —	—	— 2-5
<b>SECOND-YEAR SUBJECTS—</b>						
203	Pure Mathematics II—Lectures .. Tutorials (1 hr.)	9 10	—	9 11	—	9 —
209	Applied Mathematics II—Lectures Tutorials (1 hr.)††	11	11	—	11	—
Times to be arranged						
213	Statistical Methods .. .. Tutorials .. ..	12 —	—	9 1.30-3.30	—	—
222	Physics II—Lectures .. .. Practical .. ..	— 2-5	12 —	—	12 —	12 2-5
233	Inorganic and Physical Chemistry II— Lectures .. .. Practical .. ..	—	9 12-5	—	9 12-5	—
234	Organic Chemistry II—Lectures .. Practical ..	12 —	—	— 9-1	—	9 10-1
252	Geology II—Lectures .. .. Practical .. ..	10 11 12†††	10 11	—	10 11†††	—
262	Botany II—Lectures .. .. Practical .. ..	9 —	9 10-12 2-5	9 —	— 2-5	—
274	Zoology II—Lectures .. .. Practical .. ..	—	9 10-12 2-5	12 —	— 2-5	12 —

\* A student who wishes to take both Pure Mathematics I and Botany I will be permitted to do practical work in Botany I from 11 a.m.-1 p.m.

\*\* Science students must attend *either* Mondays 10 a.m.-12 noon and Fridays 10 a.m.-11 a.m. or Wednesdays 10 a.m.-12 noon and Fridays 10 a.m.-11 a.m.

\*\*\* A candidate must attend either session A or session B.

† Class A will be held only if there are more students than can be accommodated in Class B.

†† The tutorial will probably be held *either* on Wednesdays at 12 or on Fridays at 11.

††† These two periods are alternatives.

‡ The times of the Genetics lectures and practicals for students taking Botany I and Zoology I will be as follows:—Third term, Lectures 9-10 Thursdays, Practicals, 11-1 Thursdays. There will be 8 lectures and 5 practicals on certain days in the third term. Students of Zoology unable to attend at these times should consult the Professor of Zoology early in the year.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
281	Biochemistry I—Lectures .. .. Practical .. ..	10 2-5	—	10 —	— —	— 2-5
291	Bacteriology I—Lectures and Practical	—	11-1	—	11-1	—
296	Genetics I—Lectures .. .. Practical .. ..	—	9 10-12	—	—	— 10-12‡
301	Histology .. ..	—	9-1	—	9-1	—
<b>THIRD-YEAR SUBJECTS</b>						
49	Scientific German—Beginners .. Advanced ..	2 9	—	12 —	—	—
205	Pure Mathematics III .. .. Tutorials (1 hr.) .. ..	9 —	—	11 10	9 —	9 —
211	Applied Mathematics III .. ..	Times to be arranged				
214	Mathematical Statistics .. ..	Times to be arranged				
224	Physics III—Lectures .. .. Practical (9 hrs.) .. ..	4 All day	4 —	—	4 All day	— All day
237	Inorganic and Physical Chemistry III .. Lectures .. .. Practical (9 hrs.) .. ..	9 —	— All day	9 —	— All day	9 —
239	Organic Chemistry III—Lectures .. Practical ..	12 All day	10 —	— Morning	10 —	— All day
254	Geology III—Lectures .. .. Practical .. ..	10, 11 All day	—	10, 11 Morning	—	10, 11 All day
257	Palaentology .. ..	Times to be arranged				
265	Botany III—Lectures .. .. Practical .. ..	9 —	— 2-5	9 —	— All day	9 —
275	Zoology III—Lectures .. .. Practical .. ..	12 Morning	— All day	12 —	— All day	12 —
282	Biochemistry II—Lectures .. .. Practical .. ..	— 2-6	9 —	9 2-6	9 —	— —
286	Physiology—Lectures .. .. Practical .. ..	2-5	Times to be arranged			—
292	Bacteriology II—Lectures .. .. Practical .. ..	11	—	11	—	11
297	Genetics II—Lectures .. .. Practical .. ..	10 —	—	10 —	—	10 2-5*

‡ Available only to those students who are unable to attend at 10-12 on Tuesdays.  
\* Plus 3 hours to be arranged.

## FACULTY OF ENGINEERING

The following time-tables are based on the five-year courses.

**Note:** Where alternative periods are shown, a candidate may be directed to attend at a particular period.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
<b>FIRST-YEAR COURSES</b>							
201	Pure Mathematics I—Lectures Tutorial (1 hr.)	10 11	10 —	— —	10 11	— —	— —
221	Physics I—Lectures .. .. Practical (3 hrs.) .. ..	9 —	— 2-5	9 2-5	— —	9 —	— —
231	Chemistry I—Lectures .. .. Practical .. ..	12 2-5	— —	12 —	— 2-5	12 —	— —
232	Inorganic Chemistry I—Lectures Practical (3 hrs.)	12 2-5	— —	— —	— 2-5	12 —	— —
406	Architectural History I—Lectures Practical	— —	— —	4.30-5.30 10-12	— —	— —	— —
416	Architectural Drawing I	—	11-1	—	11-1	—	—
421	Building, Construction and Drawing I—Lectures .. .. Practical .. ..	— —	— —	— —	— —	3 2-3 4-5	— —
424	Free Drawing I .. .. .	2-4	—	—	—	—	—
481	Engineering Drawing I (4 hrs.)	—	11-1	10-12	1-5	—	—
485	Workshop Practice I*—Lectures Practical (3 hrs.)	— 2-5	— —	— 10-1	— —	10 2-5	— 9-12
491	First Aid**†—Lectures (as notified) Practical (2 hrs.) .. ..	— —	5 To be arranged in the evening	— —	— —	— —	— —
492	General Engineering* .. ..	—	—	—	—	11	—
<b>SECOND-YEAR COURSES</b>							
204	Pure Mathematics IIA— Lectures†† .. .. . Tutorial (1 hr.) .. .. .	9† 12	— —	9 11	— —	9 —	— —
207	Applied Mathematics I—Lectures Tutorial (1 hr.)	11 —	11 —	12 —	11 10	11 —	— —
223	Physics II (B.E. course)— Lectures .. .. . Practical (3 hrs.) .. ..	— —	12 2-5	— —	12 2-5	— —	— —
233	Inorganic and Physical Chemistry II—Lectures .. .. . Practical*** .. .. .	— —	9 12-5	— —	9 —	— 12-5	— —
407	Architectural History II— Lectures .. .. . Practical .. .. .	— —	4.30-5.30 —	— 10-12	— —	— —	— —
411	Architectural Design I .. ..	—	—	—	9-11	10-12	—
417	Architectural Drawing II .. ..	—	2-4	—	2-4	—	—
422	Building, Construction and Drawing II—Lectures .. .. Practical .. .. .	— —	— —	— —	— —	4 2-4	— —
425	Free Drawing II .. .. .	—	—	2-4	—	—	—
437	Surveying I—Lectures .. .. Practical .. .. .	— 2-5	— —	— —	9 —	— —	— —
481	Engineering Drawing I (4 hrs.)	—	11-1	10-12	1-5	—	—

\* First two terms.

\*\* First Aid may be taken in any year.

\*\*\* Practical work at School of Mines.

† One term only.

†† Two lectures weekly. Students whose courses do not include Applied Mathematics IIA attend an extra lecture on Mondays for one term.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
492	General Engineering** .. ..	—	—	—	—	11	—
485	Workshop Practice I**— Lectures .. .. Practical (3 hrs.) .. ..	— — 2-5	— — —	— — 10-1	— — —	10 2-5	— — 9-12
486	Workshop Practice II— Lectures .. .. Practical (3 hrs.) .. ..	— — —	10 2-5	— — —	— 2-5	— 2-5	— — —
<b>THIRD-YEAR COURSES</b>							
210	Applied Mathematics IIA— Lectures .. .. Tutorial (1 hr.)†† .. ..	— — —	11 —	— 12	11 —	— 11	— —
238	Physical Chemistry III***— Lectures .. .. Practical .. ..	— — 2-5	— — —	9 10-11 12-1, 2-5	— — —	9 — —	— — —
251	Geology I—Lectures .. .. Practical† .. ..	— —	— 12(A)	11 10(B)	— 12(A)	11 10(B)	— —
401	Architectural Theory, Construction and Practice I—Lectures Practical	— 2-5	— —	9 —	— —	— —	— —
412	Architectural Design II .. ..	— —	2-5 6.30-9.30	— —	— —	— —	— —
434	Hydraulics—Lectures† .. .. Practical (3 hrs.) .. ..	— 2-5	— —	9-12	— —	9 —	— —
436	Strength of Materials— Lectures .. .. Practical (3 hrs.) .. ..	— — —	9 —	— —	9 2-5	— 2-5	— —
441	Electrical Engineering I— Part A—Lectures .. .. Practical (3 hrs.)*** .. ..  Part B—Lectures .. .. Practical (3 hrs)* .. ..	— 2-5 — 12 2-5	— — — — —	— 9-12 — — 9-12	— 10 — — —	— 10 — — —	— — — — —
465	Physical Metallurgy—Lectures .. .. Practical .. ..	— —	10 —	— —	— 2-5	— —	— —
482	Engineering Drawing II**— Lectures .. .. Practical (3 hrs.) .. ..	10 —	2-5	— —	— —	— —	— —
483	Engineering Materials— Lectures .. .. Practical*** .. ..	11 —	— —	2-5	— —	— —	— —
<b>FOURTH-YEAR COURSES</b>							
251	Geology I—Lectures .. .. Practical† .. ..	— —	— 12(A)	11 10(B)	— 12(A)	11 10(B)	— —
253	Geology II (B.E. course)***— Lectures .. .. Practical .. ..	10 11 12	10 11 —	— — —	10 — —	— — —	— — —
256	Mining Geology*—Lectures .. .. Practical .. ..	— 10-1	10 11-12	— —	10 —	— —	— —
402	Architectural Theory, Construction and Practice II— Lectures .. .. Practical .. ..	12, 5.30 9-12	— —	— —	— —	9 —	— —

\* One term only.  
 \*\* First two terms.  
 \*\*\* For two terms.  
 † Candidates must attend either session (A) or session (B).  
 †† Pratical work at School of Mines.  
 ‡ For nine periods only.  
 ††† One tutorial only will be arranged. All students attend at the time fixed by the lecturer.



## FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
413	Architectural Design III— ..	—	—	—	—	6.30-9.30	9-12
431	Civil Engineering I—						
	Lectures .. ..	—	9	—	11	—	—
	Laboratory (3 hrs.)* ..	2-5	—	9-12	—	—	—
	Drawing Office .. ..	—	—	—	2-5	—	—
434	Hydraulics—						
	Lectures .. ..	—	—	—	—	9	—
	Practical (3 hrs.)* ..	2-5	—	9-12	—	—	—
438	Surveying IB—Lectures*** ..	11	—	—	—	—	—
	Practical .. ..	2-5	—	—	—	—	—
441	Electrical Engineering I—						
	Part A—Lectures .. ..	—	—	—	10	10	—
	Practical (3 hrs.)** ..	—	—	9-12	—	—	—
	Electrical Engineering I—						
	Part B—Lectures .. ..	12	—	—	—	—	—
	Practical (3 hrs.***) ..	2-5	—	9-12	—	—	—
451	Mechanical Engineering I—						
	Lectures .. ..	—	12	12††	—	11	—
	Practical (3 hrs.**) ..	—	2-5	2-5	—	—	—
	Drawing Office (3 hrs.**) ..	—	2-5	2-5	—	—	—
462	Process Engineering IA—						
	Lectures .. ..	—	10†	—	11	—	—
	Practical (3 hrs.) .. ..	—	—	—	2-5	—	—
	Process Engineering IB—						
	Lectures .. ..	9	9	—	—	2-5	—
	Practical (3 hrs.) .. ..	—	—	—	—	—	—
	Process Engineering IC**—						
	Lectures .. ..	—	—	—	—	12	—
471	Mining Engineering I .. ..	9	—	—	—	10	—
484	Surveying IA—Lectures .. ..	—	—	—	9	—	—
	Practical .. ..	—	—	—	—	2-5	—
<b>FIFTH-YEAR COURSES</b>							
403	Architectural Theory, Construc- tion and Practice III—						
	Lectures .. ..	—	—	9	5.30	—	—
	Practical .. ..	—	—	5.30	10-1	—	—
419	Architectural Thesis .. ..	—	—	—	—	9-1	—
		—	—	—	—	2-5	—
432	Civil Engineering II—						
	Part A—Lectures .. ..	9	—	—	9, 10	—	—
	Practical and Seminars ..	10-1	—	—	—	2-5	—
	Part B—Lectures .. ..	—	11	9	—	—	—
	Practical .. ..	2-5	2-5	—	2-5	—	—
435	Structural Design— .. ..						
	Lectures .. ..	—	Times to be arranged		—	—	—
	Practical (8 hrs.) .. ..	2-5	2-5	—	2-5	—	—
443	Electrical Engineering III—						
	Part A—Servomechanisms†† ..	9	9	9	—	11	—
	Part B—Power .. ..	—	9†††	9†††	9†	—	—
		—	—	—	10	—	—
	Part C—Electronics .. ..	9†††	—	—	11‡	10	—
		—	—	—	—	11†††	—
	Practical .. ..	10-1	10-5	2-5	2-5	—	—
	Seminar††† .. ..	—	—	—	—	2-5	—

\* For nine periods only.

\*\* For two terms.

\*\*\* One term only.

† Metallurgical and Chemical students only.

†† Second term only.

††† First and third terms.

‡ Both Power and Electronics students should attend these lectures.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
452	Mechanical Engineering II— First Term—						
	Part A—Lectures ..	—	10	10	9	—	—
	Practica ..	—	11	—	10	—	—
	Part B—Lectures ..	—	—	—	2-5	—	—
	Practical ..	11	9	9, 11	—	11	—
	Seminars and tutorials	2-5	2-5	—	—	2-5	—
	Second Term—						
	Part A—Lectures ..	—	9, 10	10	—	—	—
	Practical ..	—	11	—	—	—	—
	Part B—Lectures ..	—	—	—	9-1	—	—
	Practical ..	10	—	11	2-5	—	—
	Seminars and tutorials	11-5	—	—	—	11	—
	Third Term—						
	Part A—Lectures ..	—	—	—	—	—	—
	Practical ..	—	9-5	—	—	—	—
Part B—Practical ..	11-5	—	—	2-5	2-5	—	
Seminars and tutorials	10	—	—	10-12	9-11	—	
461	Assaying I—Lecture & Practical	—	—	9-12	—	—	—
462	Process Engineering I*—						
	Part B—Lectures ..	9	—	—	—	—	—
	Practical ..	—	—	—	—	2-5	—
463	Process Engineering II—						
	Part A—Lectures ..	9	—	9	10	—	—
	Practical ..	10-1	—	—	2-5	10-1	—
		2-5	—	—	—	2-5	—
	Part B—Lectures ..	—	—	—	12	—	—
	Practical ..	—	10-1	—	—	—	—
	Part C—Seminars ..	—	—	10-12	—	—	—
464	Industrial Instrumentation—						
	Lectures .. ..	—	—	12	—	—	—
	Practical .. ..	—	—	2-5	—	—	—
466	Oredressing**—Lectures ..	—	—	—	9	9	—
	Practical ..	—	2-5	—	—	—	—
472	Mining Engineering II—						
	Lectures .. ..	11	10	—	10	—	—
	Practical .. ..	10-11	11-1	—	11-1	—	—
		12-1	—	—	2-5	—	—
	2-5	—	—	—	—	—	
493	Industrial Engineering .. ..	—	—	—	12	12	—

\* One term only.  
\*\* For two terms.

## FACULTY OF AGRICULTURAL SCIENCE

## FIRST YEAR

Chemistry I	}	See Faculty of Science
Physics I		
Botany I		
Zoology I		

## SECOND YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
361	Agriculture I* .. ..	—	—	—	9-1	—
362	Agricultural Chemistry I* .. ..	—	9-1	—	—	—
363	Biochemistry .. ..	10-11 2-5	—	10-11	—	2-5
364	Botany IIB .. ..	9-10	2-5	9-10 ..	2-5	—
365	Geology I .. ..	—	—	11-1	—	10-1

\* These courses are taken at the Waite Institute.

## THIRD YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
371, 373	Agriculture II* or Biometry* .. ..	—	—	—	2-5	—
372	Agricultural Chemistry II* .. ..	9-5	—	—	9-12	—
374	Entomology* .. ..	—	—	—	—	9-1
375	Genetics .. ..	—	9-12	—	—	—
376	Microbiology* .. ..	—	2-5	9-12	—	—
377	Plant Pathology* .. ..	—	—	—	—	2-5

\* These courses, Microbiology in part, are taken at the Waite Institute.

## FOURTH YEAR

All lectures in the Fourth Year are taken at Roseworthy College.

# DIPLOMA IN PHYSIOTHERAPY

713

## FIRST YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Anatomy	Histology (1st Term)	Anatomy	Histology (1st Term)	Anatomy
10	Social Psychology	Theory of Movement**			Social Psychology
11	Anatomy				Anatomy (1st Term)
12		Histology*		Histology*	
1					
2	Physics	2-4. Histology Practical		2-4. Histology Practical	Practical Massage*
3	Theory of Massage*, incl. History of Medicine	Physiology		Physiology	
4					

\*Second and third terms.

\*\*Third term.

## SECOND YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Anatomy**	Anatomy** Neurology* Practical	Anatomy**	Anatomy** Neurology	Anatomy**
10					
10.30	Theory of Treatments		Queen Victoria Hosp. (10.30-12)		
11	Pathology	Remedial Exercises		Theory of Movement	Practical Massage
12	Anatomy†				Anatomy†
1.30	Practice at R.A.H. (1.30-4.30)	1. Muscle** Re-educ.	Practice at R.A.H. (1.30-4.30)	Muscle** Re-educ.	Practice at R.A.H. (1.30-4.30)
2		2-4. Medical* Electricity			
3					
4				Pathology	

\* First term only. † First and second terms. \*\* Third term only.  
Lectures in Medical Electricity will be held in a place to be arranged.

## THIRD YEAR

Practical work at the hospitals begins on the first Monday in February. Students are divided into two groups, each working half the year at the Royal Adelaide Hospital and half at the Adelaide Children's Hospital. Those at R.A.H. attend the Queen Victoria Maternity Hospital each morning for two weeks in turn. Those at A.C.H. visit either the Somerton Crippled Children's Home, or the Spastic Centre for half a day in alternate weeks.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
12		Theory of Orthopaedic Treatments*			
2				Theory of Specialised Treatments	
3		Muscle Re-educ.		Muscle re-educ.	
4		Theory of Medical Electricity**			

\* 12 lectures, commencing in the second term.

\*\* 4 lectures, commencing in the second term.

## DIPLOMA IN PHYSICAL EDUCATION

To be arranged in consultation with the Lecturer-in-Charge

## DIPLOMA IN SOCIAL SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
831	Economics					
	Social Economics (See Syllabus 150)	5.15	—	—	5.15	—
	Economics I (See Syllabus 151) ..	—	—	12	—	12
832	Psychology (See Syllabus 81) .. ..	10 or 5.15	—	—	10 or 5.15	—
833	Social Biology A .. .. .	—	—	6.15-9.15 (Terms I & II)	—	6.15-9.15 (Terms I & II)
		—	4 (Term III)	—	4 (Term III)	—
833	Social Biology B .. .. .	—	4	—	4	—
834	Social History (I)—					
	(I) Politics II (See Syllabus 62) ..	6.15	—	—	6.15	—
	(II) History IIB (See Syllabus 54) ..	—	9	—	—	9
	(III) Social History .. .. .	—	—	(Not given in 1955)	—	—
836	Principles & Practice of Social Work I	—	—	—	9 2-4	—
837	Principles & Practice of Social Work II	—	9 2-4	—	—	—
839	Sociology .. .. .	—	11	—	—	2.30
841	Social Psychology .. .. .	11	—	—	—	11
843	Social Organisation .. .. .	—	5	—	—	—
845	Nutrition .. .. .	12	—	—	—	4
847	Practical Work—First Year .. ..	9.30 to approx 4.30	—	—	—	9.30 to approx 4.30
	Second Year .. .. .	—	—	9.30 to approx 4.30	9.30 to approx 4.30	—
847	Visits of Observation—First Year ..	—	2-4.30	—	—	—
	Second Year .. .. .	2-4.30	—	—	—	—

FACULTY OF MEDICINE  
FIRST-YEAR COURSE

	Monday	Tuesday	Wednesday	Thursday	Friday
Physics—Lectures .. .. .	12	—	12	—	12
Practical (3 hrs.) .. .. .	2-5	—	—	2-5	—
Chemistry—Lectures .. .. .	9	12	—	12	—
Practical .. .. .	—	9-12	—	9-12	—
Botany (3rd term)—Lectures .. .. .	11	—	9	—	9
Practical .. .. .	—	2-5	—	—	2-5
Zoology (1st and 2nd terms)—Lectures .. .. .	11	—	9	—	—
Practical .. .. .	—	2-5	—	—	2-5

FACULTY OF DENTISTRY  
FIRST-YEAR COURSE

	Monday	Tuesday	Wednesday	Thursday	Friday
Physics—Lectures .. .. .	12	—	12	—	12
Practical (3 hrs.) .. .. .	2-5	—	—	—	—
Chemistry—Lectures .. .. .	9	12	—	12	—
Practical .. .. .	—	9-12	—	9-12	—
Zoology (1st and 2nd terms)—Lectures .. .. .	11	—	9	—	—
Practical .. .. .	—	2-5	—	—	2-5
Dental Materials and Technics I .. .. .			To be arranged		

## DIPLOMA IN PHARMACY

(Provisional time-table for 1955; subject to alteration.)

## FIRST YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
751	Theoretical Inorganic Chemistry	5.15	—	—	—	5.15	—
752	Theoretical Inorganic Chemistry —B.P. salts .. .. .	2	—	—	—	2	—
753	Practical Inorganic Chemistry ..	—	9-12	—	—	—	—
754, 755	Pharmacy I—(Dispensing, History of Pharmacy, First Aid and Practical Dispensing) ..	Times to be arranged	Times to be arranged	—	—	Times to be arranged	—

## SECOND YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
761	Theoretical Organic Chemistry	—	12	—	12*	—	—
762	Practical Organic Chemistry ..	—	—	—	9-12 and 2-5	—	—
763	Biology .. .. .	—	—	6.15-9.15	—	6.15-9.15	—
771	Botany and Pharmacognosy ..	—	3-5**	—	—	—	—

\* Second and third terms only.

\*\* First and second terms only.

## THIRD YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
771	Botany and Pharmacognosy ..	2-5***	—	—	—	—	—
772	Commerical Pharmacy .. ..	12	—	—	—	—	—
773	Practical Pharmacy, Volumetric Analysis and Drug Assay ..	9-12 and 2-5	—	—	—	—	—

\*\*\*. Third term only.

## FOURTH YEAR

Times of Lectures for the fourth year of the course may be obtained from the Lecturer, Mr. E. F. Lipsham.

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