

CALENDAR

OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR

1954

ADELAIDE

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1954

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PART I

	Page
Preface - - - - -	5
Letters Patent - - - - -	9
Acts of Parliament - - - - -	11
Almanac - - - - -	39
Council, Committees, Faculties and Boards - - - - -	47
Officers of the University - - - - -	55
Former Chancellors, Vice-Chancellors, Wardens, Professors and other Officers of the University - - - - -	69
Endowments and Gifts - - - - -	81
Graduates and Associates - - - - -	88
Statutes - - - - -	144
Standing Orders of the Senate - - - - -	212

PART II

See page 219

PART III

To be published as a supplement

PART IV

See page 401

PART V

See page 551

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 1953 the University had conferred 7,433 degrees and 2,937 diplomas by examination, and 547 degrees and 15 diplomas by admission *ad eundem gradum*; in 1953 there were 2,089 undergraduates, 1,079 non-graduating students, and 397 post-graduate students, apart from the 545 students at the Elder Conservatorium of Music; and the staff of four professors in 1876 had grown to thirty professors, about 125 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 £360,000 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 1949 Parliament increased the State annual grant for running costs by an amount of £81,000 for a full calendar year, an increase of unprecedented magnitude, up to that time, in the history of the University.

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—£20,000 (estimate) for the advancement of Medical research;

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—£52,700 (estimate) for general purposes;

Sir George Murray—£10,000 for a Men's Union Building, and £85,000 (estimate) for general purposes;

Edward Neale—£27,000 (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—£44,000 (estimate) to encourage the study of natural history;

Hugh Hughes—£11,500 (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—£14,000 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.

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

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

LETTERS PATENT

Dated 22nd March, 1881

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

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

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

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

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

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

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

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

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

By warrant under the Queen's Sign Manual.

PALMER.

SUPPLEMENTARY CHARTER

For Recognising Degrees in Surgery and Engineering

Dated 2nd September, 1913

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

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

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

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

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

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

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

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

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

By Warrant under the King's Sign Manual

UNIVERSITY OF ADELAIDE ACT, 1935.

No. 2228.

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

(Assented to 5th December, 1935.)

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

Short Title

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

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

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

Interpretation

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

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

Incorporation and Continuance of University

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

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

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

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

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

The Council

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

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

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

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

Election of Members of Council by Senate

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

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

Election of Members of Council by Parliament

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

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

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

Time of Appointment and Tenure of Office

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

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

Effect of Councillor Ceasing to be Member of Parliament

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

Filling of Vacancies

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

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

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

Election of Chancellor and Vice-Chancellor

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

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

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

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

Constitution of Senate

13. (1) The Senate shall consist—

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

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

Election of Warden

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

Conduct of Business

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

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

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

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

Chairmanship of Council and Senate

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

Management of the University

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

Power to Make Statutes

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

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

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

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

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

Power to Confer Degrees

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

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

Residence of Undergraduates During Terms.

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

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

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

No Religious Test to be Administered

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

Governor to be Visitor

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

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

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

Annual Grant to University

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

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

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

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

Grants for Agricultural Research

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

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

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

Conditions of Grant

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

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

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

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

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

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

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

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

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

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

Annual Report

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

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

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

University to be Exempt from Land Tax

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

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

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

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

Trusts in Relation to Certain University Land

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

Validation of Degrees and Statutes and Regulations

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

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

THE FIRST SCHEDULE

Reference to Acts.	Short Titles of Acts
No. 20 of 1874	The Adelaide University Act.
No. 45 of 1876	The University Site Act, 1876.
No. 143 of 1879	The Adelaide University Act Amendment Act.
No. 172 of 1880	The University of Adelaide Degrees Act.
No. 441 of 1888	The Degrees in Surgery Act.
No. 1053 of 1911	The Adelaide University Act Amendment Act, 1911.
No. 1555 of 1923	Adelaide University Act Amendment Act, 1923.
No. 1614 of 1924	Adelaide University Act Amendment Act, 1924.
No. 1831 of 1927	Agricultural Education Act, 1927.

THE SECOND SCHEDULE

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

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

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

THE THIRD SCHEDULE

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1936.

No. 2327 of 1936

(Assented to 3rd December, 1936.)

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1937.

No. 2340 of 1937.

(Assented to 15th September, 1937)

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

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

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1942.

No. 10 of 1942.

(Assented to 22nd October, 1942.)

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

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

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

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

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

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

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

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

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

THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

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

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

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

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

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

"University grounds" means—

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

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

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

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

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

(3) In this section "authorized person" means a person appointed by the council to be an authorized person for the purposes of this section.

(4) The council may appoint any person to be an authorized person for purposes of this section, and may, at will, revoke any such appointment.

18b. No by-law shall be made--

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

18c. (1) Every by-law--

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

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

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

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

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

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

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

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

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

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

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

No. 9 of 1950.

1. In these by-laws—

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

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

“Road” includes way and track;

“University” means the University of Adelaide;

“University grounds” means—

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

- (c) all roads, ways, tracks, paths, open spaces and buildings on, and appurtenances to the said lands and park;

“Vehicle” includes any motor car, motor truck, motor cycle, carriage, cart, bicycle, or other vehicle of whatsoever kind or nature and howsoever ridden, driven, or propelled.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (b) remove or damage or injure or interfere with any stake or label on or near any tree, shrub, plant or flower;
 - (c) walk on or over or cause damage to any bed containing or being prepared for flowers or shrubs or walk on or over any lawn in contravention of any notice posted thereon;
 - (d) enter or walk on or over any part of the University grounds which is temporarily enclosed and on which is posted a notice prohibiting persons from entering or walking thereon; or
 - (e) damage, or injure or interfere with or climb upon any fence, building, or erection, or any fixed or movable thing.
- (2) This by-law shall not apply to employees of the University acting in the course of their employment.
19. (1) The Council or its delegate may prohibit the holding of any meeting on the University grounds.
- (2) No person shall conduct, promote, or take part in any meeting so prohibited.
20. Any person who contravenes or fails to observe any of these by-laws shall be guilty of an offence and liable to a penalty not exceeding Twenty Pounds and to pay compensation for damage as hereinafter provided.
21. (1) Penalties incurred under these by-laws may be recovered in a summary manner.
- (2) In any proceedings for the recovery of penalties, the University may claim and recover summarily compensation for damage done by the defendant to the University grounds or anything growing or being thereon.

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

HOSPITALS ACT, 1934.

No. 2158 of 1934.

Adelaide Hospital to be Medical and Dental School

Section 32 of the Act provides—

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

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

Advisory Committee

Section 33 provides—

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

(2) The committee shall consist of 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.

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 1954

TERMS:

First Term: March 22-May 22.

Second Term: June 7-August 7.

Third Term: August 30-December 11.

Lectures will cease in some cases in the week ending October 30, and in others in the week ending on November 6.

1954

JANUARY

- F. 1 New Year's Day. Commonwealth inaugurated 1901.
 M. 11 Faculty of Law—4.30 p.m.
 Tu. 19 Faculty of Science—2 p.m. Faculty of Agricultural Science
 —4 p.m.
 W. 20 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15
 p.m.
 Th. 21 Faculty of Economics—4 p.m. Faculty of Dentistry—
 5 p.m.
 F. 22 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 Tu. 26 Last day of entry for the Supplementary Leaving Examina-
 tion to be held in February.
 F. 29 Education Committee—2.30 p.m.

FEBRUARY

- M. 1 Public Holiday: celebration of Foundation Day.
 Tu. 2 Last day of entry for the special degree and diploma exami-
 nations to be held in March. Hospital year begins.
 Last day of entry for the M.S. examinations to be held
 in May. Finance Committee—2.30 p.m.
 F. 5 Council—2.20 p.m.
 M. 8 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 LAST DAY OF ENROLMENT. Conservatorium first
 quarter begins.
 Tu. 16 Supplementary Leaving Examination begins.
 F. 19 Education Committee—2.30 p.m.
 M. 22 Finance Committee—2.30 p.m.
 F. 26 Council—2.20 p.m. Last day of entry for evening student-
 ships.

 MARCH

- M. 1 Special degree and diploma examinations begin.
 M. 8 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. Last day of entry for public examinations in
 Music and Art of Speech to be held in May.
 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.
 Th. 18 Education Committee—2.30 p.m.
 F. 19 Public Holiday: Queen's visit.
 S. 20 Long vacation ends.
 M. 22 Finance Committee—2.30 p.m. **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.
 F. 26 Council—2.20 p.m.
 M. 29 **LECTURES BEGIN.**
 W. 31 **ANNUAL COMMEMORATION.** Last day for submitting
 entries for the Bunday Prize and for The Sir Archibald
 Strong Memorial Prize for Literature.
-

APRIL

- Th. 1 Last day for submitting compositions for the degree of
Mus.Doc.
 M. 12 Lectures begin in subjects (mostly second year) gravely
 affected by numbers of National Service students.
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. Faculty of Medicine—8 p.m.
 Th. 15 Faculty of Music—9.15 a.m. Faculty of Economics—4 p.m.
 Faculty of Dentistry—5 p.m. Conservatorium first
 quarter ends.
 F. 16 Good Friday.
 Su. 18 Easter Day.
 M. 19 Easter Monday.
 Tu. 20 Lectures resume. Conservatorium second quarter begins.
 F. 23 Education Committee—2.30 p.m.
 Su. 25 Anzac Day.
 M. 26 Public holiday: celebration of Anzac Day.
 Tu. 27 Finance Committee—2.30 p.m.
 F. 30 Council—2.20 p.m.
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MAY

- W. 5 Theory of Music and Art of Speech examinations.
 M. 10 Faculty of Law—4.30 p.m.
 Tu. 11 Faculty of Science—2 p.m. Faculty of Agricultural Science
 —4 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.
 Tu. 18 Last day for submitting essays for the League of Nations
 Prize.
 F. 21 Education Committee—2.30 p.m.
 S. 22 FIRST TERM ENDS.
 M. 24 Finance Committee—2.30 p.m. University and Conserva-
 torium vacation begins.
 F. 28 Council—2.20 p.m.

JUNE

- S. 5 University and Conservatorium vacation ends.
 M. 7 SECOND TERM BEGINS. Conservatorium resumes.
 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 Public holiday: celebration of Queen's Birthday.
 F. 18 Education Committee—2.30 p.m.
 M. 21 Finance Committee—2.30 p.m.
 F. 25 Council—2.20 p.m.

JULY

- Th. 1 Last day for submitting theses for the Bonython Prize and
 for the degree of D.D.Sc.
 S. 3 Conservatorium second quarter ends.
 M. 5 Conservatorium third quarter begins.
 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 September.
 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.
 F. 23 Education Committee—2.30 p.m.
 M. 26 Finance Committee—2.30 p.m.
 F. 30 Council—2.20 p.m.

AUGUST

- S. 7 SECOND TERM ENDS.
 M. 9 University vacation begins. 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 Conservatorium vacation begins.
 F. 20 Education Committee—2.30 p.m.
 M. 23 Finance Committee—2.30 p.m.
 F. 27 Council—2.20 p.m.
 S. 28 University and Conservatorium vacations end.
 M. 30 THIRD TERM BEGINS. Conservatorium resumes.

SEPTEMBER

- 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 entry for the DEGREE AND DIPLOMA
 EXAMINATIONS to be held in November.
 W. 15 Theory of Music and Art of Speech examinations.
 F. 17 Education Committee—2.30 p.m.
 S. 18 Conservatorium third quarter ends.
 M. 20 Finance Committee—2.30 p.m. Conservatorium fourth
 quarter begins.
 F. 24 Council—2.20 p.m.
 Th. 30 Last day for submitting exercises for the degree of
 Mus.Bac.

OCTOBER

- F. 1 Last day of entry for the PUBLIC EXAMINATIONS to
 be held in December.
 M. 11 Public holiday: Labour Day.
 Tu. 12 Faculty of Science—2 p.m. Faculty of Agricultural Science
 —4 p.m. Faculty of Law—4.30 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.
 F. 22 Education Committee—2.30 p.m.
 M. 25 Finance Committee—2.30 p.m.
 F. 29 Council—2.20 p.m.
 S. 30 Lectures in some departments end.

 NOVEMBER

- M. 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. Conservatorium vacation of three weeks begins.
- S. 6 All lectures end by this date.
- M. 8 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 24.
- 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 DEGREE AND DIPLOMA EXAMINATIONS BEGIN.
- F. 19 Education Committee—2.30 p.m.
- S. 20 Conservatorium vacation ends.
- M. 22 Finance Committee—2.30 p.m.
- W. 24 Senate—4.30 p.m. Election of members of the Council and Warden and Clerk of the Senate.
- F. 26 Council—2.20 p.m.
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DECEMBER

- F. 3 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- M. 6 Faculty of Law—4.30 p.m.
- Tu. 7 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 Education Committee—2.30 p.m.
- S. 11 THIRD TERM ENDS. Conservatorium fourth quarter ends.
- M. 13 Finance Committee—2.30 p.m.
- F. 17 Council—2.20 p.m.
- S. 25 Christmas Day.
- F. 31 Last day of application for Mining and Metallurgical Bursaries.
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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.
 F. 28 Education Committee—2.30 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—2.30 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.
 F. 18 Education Committee—2.30 p.m.
 M. 21 Finance Committee—2.30 p.m.
 F. 25 Council—2.20 p.m.
 M. 28 Last day of entry for evening studentships.

 MARCH

- Tu. 1 Special degree and diploma examinations begin.
 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.
 F. 18 Education Committee—2.30 p.m.
 S. 19 Long vacation ends.
 M. 21 Finance Committee—2.30 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.** Last day for submitting
 entries for the Bunday Prize and the Sir Archibald
 Strong Memorial Prize for Literature.
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The University of Adelaide

1954.

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.

GLEN HOWARD BURNELL, M.D., F.R.C.S.Ed. A member since 1948. Date of last election, 26th November, 1952.

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

ANDREW FAIRWEATHER, B.E. A member since 1947. Date of last election, 22nd November, 1950.

SIR WILLIAM GEORGE TOOP GOODMAN, Kt., M.I.C.E., M.I.E.E., M.J.E. (Aust.). A member since 1913. Date of last election, 22nd November, 1950.

COLIN ERNEST SUTHERLAND GORDON, M.A. Elected for the first time, 22nd November, 1950.

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

ALBERT JAMES HANNAN, C.M.G., Q.C., M.A., LL.B. A member since 1939. Date of last election, 22nd November, 1950.

FRANK RAYMOND HONE, B.Sc., M.D. A member since 1949. Date of last election, 25th November, 1953.

PROFESSOR LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford). Elected for the first time, 29th July, 1953.

IVAN BEDE JOSE, M.C., M.S., F.R.C.S. Elected for the first time, 25th November, 1953.

HILDA MARION LEWIS, B.A. A member since 1945. Date of last election, 26th November, 1952.

THE HONOURABLE MR. JUSTICE GEORGE COUTTS LIGERTWOOD, B.A., LL.B. A member since 1942. Date of last election, 25th November, 1953.

PROFESSOR ALEXANDER KILLEN MACBETH, C.M.G., M.A., D.Sc., F.I.C. A member since 1942. Date of last election, 26th November, 1952.

PROFESSOR SIR DOUGLAS MAWSON, Kt., O.B.E., B.E., D.Sc., F.R.S. A member since 1931. Date of last election, 22nd November, 1950.

HELEN MARY MAYO, O.B.E., M.D., B.S. A member since 1914. Date of last election, 25th November, 1953.

PROFESSOR MARK LEDINGHAM MITCHELL, M.Sc. A member since 1949. Date of last election, 25th November, 1953.

ARCHIBALD GRENFELL PRICE, C.M.G., D.Litt., F.R.G.S. A member since 1925. Date of last election, 28th November, 1951.

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The Dean of the Faculty of Arts	Professor A. Killen Macbeth
The Dean of the Faculty of Dentistry	Professor M. L. Mitchell
The Dean of the Faculty of Engineering	Professor W. P. Rogers
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- Tutor:
DAVID HARRY PENNY, B.Ec. Appointed 1953.

COMMERCE AND PUBLIC ADMINISTRATION

- Reader in Commercial Studies:
RUSSELL LLOYD MATTHEWS, 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 Administration:
ARTHUR COLIN TILLET, A.U.A. Appointed 1949.
- 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

- Lecturer-in-Charge:
AMY GRACE WHEATON, M.B.E., M.A. (Adel.), B.Sc. (Econ.) (Lond.). Appointed 1942.
- Part-time Assistant Lecturer and Tutor:
FLORA JOY MACLENNAN, A.U.A. Appointed 1951.

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, Ph.D. (Camb.). Appointed 1950.
- Lecturer:
RENFREY BURNARD POTTS, D.Phil. (Oxford), B.Sc. Appointed 1951.
- Part-time Lecturer:
ROBERT STANLEY CAPON, O.B.E., B.A.
- 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.
- Junior Research Fellow and Evening Lecturer:
JAMES HENRY MICHAEL, 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 Lecturer:
GEORGE RAYNER FULLER, B.Sc. Appointed Assistant Lecturer, 1927; Lecturer, 1946; Senior Lecturer, 1950.
- Lecturers:
GORDON JAMES AITCHISON, M.Sc. Appointed 1946.
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.
- Part-time Demonstrators:
LEON LENIN GEORGE HEAVEN
KEITH HENRY LOKAN.
DENISE ROBERTSON, B.Sc.
- Senior Research Fellow:
ALAN AUSTIN WEISS, B.Sc.

MATHEMATICAL PHYSICS

- Professor:
HERBERT SYDNEY GREEN, Ph.D., D.Sc. (Edin.). Appointed 1951.
- Senior Lecturer:
JOHN CLIVE WARD, D.Phil. (Oxford).
- Senior Research Fellow:
OTTO BERGMANN, Ph.D. (Dublin).

CHEMISTRY

The Angas Professor:

ALEXANDER KILLEN MACBETH, C.M.G., M.A. (St. And.), D.Sc. (Belf.). Appointed 1928.

Professor Inorganic and Physical Chemistry:

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

Reader:

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

Senior Lecturer:

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

Lecturers:

FRANK LOVELOCK WINZOR, D.Sc. Appointed Assistant Lecturer, 1933; Lecturer, 1946.
 BRUCE OSWALD WEST, B.Sc. Appointed 1950.
 JACK ROBSON URWIN, B.Sc. Appointed 1951.
 PHILLIP REID JEFFRIES, M.Sc. (W. Aus.), Ph.D. (Sheffield). Appointed 1953.
 ATHELSTAN LAURENCE JOHNSON BECKWITH, B.Sc. (W. Aus.). Temporary; appointed 1953.

Part-time Lecturer:

SYDNEY THOMAS EBERHARD, B.Sc.

Demonstrator:

HEDLEY HERBERT FINLAYSON.

Junior Research Fellow:

JULIAN GAGOLSKI, Ph.Mgr. (Poland).

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 SEGNET, Ph.D. (Camb.), M.Sc. Appointed 1953.

Temporary Lecturer:

PAUL SAMUEL HOSSFELD, Ph.D.

Demonstrators:

MARY JULIA WADE, B.Sc.
 ALAN JAMES RISELY WHITE, 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 Lecturer in Cryptogamic Botany:

HUGH BRYAN SPENCER WOMERSLEY, M.Sc. Appointed Lecturer, 1946; Senior Lecturer, 1950.

Lecturers:

RAYMOND LOUIS SPECHT, M.Sc. Appointed 1951.
 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.
 JEAN MCKENZIE

ZOOLOGY**Professor:**

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

Senior Lecturer:

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

Lecturers:

STANLEY JOE EDMONDS, B.A., M.Sc. Appointed 1952.
STEWART CLARE, B.A. (Kansas), M.S. (Iowa), Ph.D. (Chicago). Appointed 1954.

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.

BIOCHEMISTRY AND GENERAL PHYSIOLOGY**Professor:**

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

Senior Lecturer:

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

Lecturer:

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

Part-time Lecturer in Agricultural Biochemistry:

IVAN GEORGE JARRETT, M.Sc.

Part-time Tutor:

JOAN BURTON PATON, M.Sc.

ANIMAL PRODUCTS RESEARCH FOUNDATION**Chemist:**

MARY CAMPBELL DAWBARN, M.Sc. Appointed 1927.

HUMAN PHYSIOLOGY AND PHARMACOLOGY**Professor:**

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.

Lecturers:

DAVID IAN BEVISS KERR, B.Sc. Appointed 1950.
ALLAN JOHN DAY, M.Sc., M.B., B.S. Appointed 1954.

Part-time Demonstrators:**BACTERIOLOGY****Professor:****Reader-in-Charge:**

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

Lecturer:

SIBELY JEAN McLEAN, M.Sc. Appointed 1953.

Assistant Lecturer and Demonstrator:

FRANK MILES COLLINS, M.Sc.

Demonstrator:

AILEEN JOYCE THOMPSON, B.Sc.

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.

✓ Lecturers:

ROBERT CULVER, B.Sc., B.E. Appointed 1949.
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.

✓ Senior Lecturer in Chemical Engineering:

ROBERT WILLIAM FRANCIS TAIT, Ph.D. (Birm.). Appointed 1950.

✓ 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:

JAMES PLAYFORD DUNCAN, B.E. Appointed 1948.

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.

✓ 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:

DAVID WEI-CHI SHEN, Ph.D. (Lond.). Appointed Lecturer 1950; Senior Lecturer 1953.

✓ 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.

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.

Senior Lecturer:

✓ Lecturer:

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

✓ Lecturer in Histology:

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

Part-time Lecturer:

JOHN RUSSELL BARBOUR, M.B., M.S.

Demonstrator in Histology:

JUDITH SCHROEDER, 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:

HARRY LANDER, M.B., B.S. Appointed 1954.

EXPERIMENTAL MEDICINE

Keith Sheridan Professor:

ANTI-CANCER COMMITTEE

Chairman:

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

Hon. Radiotherapist:

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

Medical Officer to the Committee:

FREDERICK ANDREW DIBDEN, M.B., B.S.

Assistant Registrars to the Radiotherapy Clinic:

DOROTHEA SMITH HEITMAN, M.B., B.S.
PAMELA ROSEMARY PHILLIPS, 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.

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. (Sydney). Appointed 1954.

Professor of Genetics:

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

Reader in Plant Pathology:

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

Senior Lecturer in Entomology:

DUNCAN CAMPBELL SWAN, M.Sc.

Senior Lecturer in Agricultural Chemistry:

RUPERT JETHRO BEST, D.Sc.

Senior Lecturer in Agronomy:

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:

ERNEST 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:**
FRANK HOWARD BEARE, M.D., M.R.C.P., D.P.M. Appointed 1940
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.
 - 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:**
JOSIAH MARK BONNIN, M.D., M.R.C.P.
MELVILLE ERNEST CHINNER, M.D., M.R.C.P., F.R.A.C.P.
WILLIAM MORRIS IRWIN, M.B., B.S., M.R.C.P.
RICHARD ALFRED AMYAS PELLEW, M.B., B.S., M.R.C.P.
CHRISTOPHER BAGOT SANGSTER, M.D., M.R.C.P.
ROBERT FRANK WEST, M.B., B.S., M.R.C.P.
 - In Infectious Diseases:**
ROBIN ARCHIBALD BURSTON, M.B., B.S.
RICHARD ALFRED AMYAS PELLEW, M.B., B.S.
- Honorary Tutor in Clinical Psychiatry:**
JOHN EWART CAWTE, M.B., B.S.
- Full-time Assistant to the Professor:**
ROBERT STIRLING COLTON, M.B., B.S.
- Research Fellows:**
MICHAEL GLEESON TAYLOR, M.B., B.S.
ALEXANDER KEVIN COHEN, M.B., B.S.

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.

In Radiology:
HORACE ALEXANDER McCOY, M.B., B.S., D.M.R.E. Appointed 1954.

Tutors:

In Surgery and Applied Anatomy:
NOEL JAMES BONNIN, M.B., M.S., F.R.C.S.
ALLAN GORDON CAMPBELL, M.B., M.S., F.R.C.S.
JAMES ESTCOURT HUGHES, 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 SIDEY, M.B., B.S. (Lond.), F.R.C.S.

Full-time Assistant to the Director:
JOHN PEARCE MADDERN, M.B., B.S.

Part-time Assistants to the Director:
RONALD HUNTER, M.B., B.S.
MERVYN KEITH SMITH, M.B., B.S.

Research Fellow:

OTHER OFFICERS

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

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:
GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.P.H., D.T.M. Appointed 1948.
HARRY FENWICK HUSTLER, M.B., B.S. (Melb.) Appointed 1952.

Tutor in Pediatrics:
HENRY GEORGE RISCHBIETH, M.B., B.S., M.R.A.C.P., D.C.H.

DENTISTRY

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

Director of Dental Studies:
THOMAS DRAPER CAMPBELL, D.Sc., D.D.Sc. Appointed 1949.

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.
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:
KENNETH AYLESBURY BROWN, B.D.S. Appointed 1952.
JOHN FRANCIS BURROW, B.D.S. Appointed 1953.
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.

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:

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**Lecturer:**

JAMES ALEXANDER CRAN, M.D.S. Appointed 1953.

Tutors:

JOHN LEONARD EUSTACE, B.D.S. Appointed 1951.
 THOMAS BRUCE LINDSAY, M.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:

MELVILLE ERNEST CHINNER, M.D. Appointed 1941.

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:**

JOHN MILROY McPHIE, M.B., B.S. Appointed 1949.

In Surgery:

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

PHARMACY

- 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 Lecturer on Forensic and 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:
- Senior Entomologist in Charge:
DUNCAN CAMPBELL SWAN, M.Sc. Appointed Entomologist, 1931; Senior Entomologist, 1946.
- Senior Entomologist:
HERBERT GEORGE ANDREWARTHA, D.Sc. Appointed Entomologist, 1936; Senior Entomologist, 1950.
- Entomologists:
THOMAS OAKLEY BROWNING, B.Sc. (Syd.), Ph.D. Appointed 1948.
PAUL EDWARD MADGE, B.Sc. (Cal. S.P.C.). Appointed 1952.
- Systematic Entomologist:
HENRY 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. (Sydney). Appointed 1954.

Senior Agronomist:

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

Mortlock Research Fellow:

Agronomists:

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

Temporary Lecturer:

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

GENETICS

Professor:

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

Senior Plant Geneticist:

Plant Geneticists:

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

Cytologist:

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

Junior Research Fellow:

PETER GORDON MARTIN, B.Sc.

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:

FREDERICK LEON MILTHORPE, Ph.D. (Lond.), M.Sc.Agr. (Syd.). Appointed
Plant Physiologist, 1949; Senior Plant Physiologist, 1950.

Plant Physiologists:

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

OTHER OFFICERS

Secretary:

GARFIELD LOCKHART GOODEN, A.F.I.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:

HAROLD STEPHEN PARSONS, Mus.Bac.

Teacher of Flute:

KEITH YELLAND.

Teacher of Oboe:

NOEL POST.

Teachers of Clarinet:

CLEVE MARTIN.

ARNOLD BLAYLOCK.

J. C. H. CLEWS.

Teacher of Bassoon:

JOHN GEORGE GOOD.

Teacher of French Horn:

BARRY SADLER

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, A.U.A.

Secretary:

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.

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.F.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 causâ*)**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.

Obstetrics:

ALFRED AUSTIN LONDON, M.D.

FORMER REGISTRARS

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

JOHN WALTER TYAS, 1882-1892.

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

FREDERICK WILLIAM EARDLEY, B.A., A.I.A.S.A., 1924-1944. Appointed Accountant, 1900; Assistant Registrar, 1911; Registrar, 1924.

FORMER LIBRARIAN

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

CLINICAL TEACHERS

Royal Adelaide Hospital

Hon. Physicians:

G. A. LENDON, M.D. (Adel.), F.R.C.P. (Lond.), F.R.A.C.P.
 F. H. BEARE, M.D., B.S. (Adel.), M.R.C.P. (Lond.), D.P.M.
 F. RAY HONE, M.D., B.Sc. (Adel.), F.R.A.C.P.
 K. S. HETZEL, M.D., B.S. (Adel.), F.R.C.P. (Lond.), F.R.A.C.P.
 E. McLAUGHLIN, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
 E. F. GARTRELL, M.B. B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
 H. N. ROBSON, M.B., Ch. (Edin.), M.R.C.P. (Lond.), F.R.C.P. (Edin.).

Hon. Assistant Physicians:

M. E. CHINNER, M.D., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
 C. B. SANGSTER, M.D. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
 J. M. BONNIN, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
 J. L. HAYWARD, M.D., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
 M. W. MILLER, M.B., B.S. (Adel.), M.R.C.P. (Lond.)
 R. F. WEST, M.D. (Adel.), M.R.C.P. (Lond.).
 H. R. GILMORE, M.B., B.S. (Adel.), M.R.C.P. (Lond.).

Hon. Clinical Assistants to Medical Section:

R. C. ANGOVE, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
 R. E. BRITTEN JONES, M.D. (Adel.), M.R.C.P. (Lond.).
 R. A. BURSTON, M.B., B.S. (Adel.).
 J. V. GORDON, M.D. (Adel.), M.R.C.P. (Lond.).
 W. M. IRWIN, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
 J. M. McPHIE, M.B., B.S. (Adel.), M.R.A.C.P.
 R. A. A. PELLEW, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
 J. W. SANGSTER, M.B., B.S. (Adel.).
 H. SCHUDMAK, M.B.E., M.B., B.S. (Adel.).

Hon. Surgeons:

A. T. BRITTEN JONES, M.B., B.S. (Adel.), F.R.C.S. (Edin.).
 A. F. HOBBS, M.B., B.S. (Adel.), F.R.C.S. (Eng.).
 A. H. LENDON, M.B., B.S. (Adel.), F.R.C.S. (Eng.).
 I. A. HAMILTON, M.B., B.S. (Adel.), F.R.C.S. (Eng.).
 A. C. McEACHERN, M.B., M.S. (Adel.), F.R.C.S. (Eng.).
 S. KRANTZ, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Assistant Surgeons:

J. R. BARBOUR, M.B., M.S. (Adel.), F.R.C.S. (Eng.).
 J. E. HUGHES, M.B., M.S. (Adel.), F.R.A.C.S.
 L. J. T. PELLEW, M.B., B.S. (Adel.), F.R.C.S., F.R.A.C.S.
 O. W. LEITCH, M.B., M.S. (Adel.), F.R.A.C.S.
 J. R. MAGAREY, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.
 A. G. CAMPBELL, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Clinical Assistants to Surgical Section:

K. S. CRAFT, M.B., B.S. (Adel.).
 G. M. HONE, M.B., B.S. (Adel.).
 C. S. KERR, M.B., B.S. (Adel.), M.S. Pt. I (Adel.).
 G. A. McINTOSH, M.B., B.S. (Adel.).
 D. B. McLEAY, M.B., B.S. (Adel.).
 M. Y. SHEPPARD, M.B., B.S. (Adel.).
 J. D. SIDEY, M.B., B.S. (Lond.), F.R.C.S. (Eng.), F.R.A.C.S.
 E. J. TAMBLYN, M.B., B.S. (Adel.), F.R.C.S. (Edin.).
 G. McL. TURNBULL, M.B., B.S. (Adel.).
 B. F. VENNOR, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Hon. Surgeon in Charge of Orthopaedic Department:

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

Hon. Assistant Surgeon, Orthopaedic Department:

N. S. GUNNING, M.B., B.S. (Adel.), F.R.C.S. (Edin.), M.Ch. (Orth. Liv.).

Hon. Clinical Assistants, Orthopaedic Department:

W. J. BETTS, M.B., B.S. (Adel.), M.Ch. (Orth. Liv.), F.R.A.C.S.
 LANSSELL BONNIN, M.B., B.S. (Adel.), M.Ch. (Orth. Liv.), F.R.C.S.
 N. P. WILSON, M.B., B.S. (Melb.), F.R.C.S. (Edin.).

Hon. Assistant Surgeon in Charge of Urological Unit:

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

Hon. Clinical Assistant, Urological Department:

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

Hon. Assistant Surgeon in Charge of Thoracic Surgery Unit:

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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.

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. A. JESSUP, 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.).

Medical Officers for Tuberculosis Services:

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

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

Medical Superintendent, Morris Hospital:

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

Medical Superintendent, Bedford Park Sanatorium:

A. R. ANDERSON, 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.

REPRESENTATIVES OF THE UNIVERSITY

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 AuditorsROBERT 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:GLEN HOWARD BURNELL, M.D., F.R.C.S.Ed.
FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.**On the Medical Board of South Australia:**

GLEN HOWARD BURNELL, M.D., F.R.C.S.Ed.

On the Advisory Committee of the University Council and of the Adelaide Hospital:GLEN HOWARD BURNELL, M.D., F.R.C.S.Ed.
JOHN LEONARD EUSTACE, B.D.S.
KENNETH STUART HETZEL, M.D., F.R.C.P.**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:**

JOSIAH WILLIAM STATTON, B.Sc.

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 CRAMPION, 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.**On the Fauna and Flora Board:**PROFESSOR A. A. ABBIE, M.D., D.Sc.
PROFESSOR J. B. CLELAND, M.D.**On the Dental Board of South Australia:**

MALCOLM STEWART JOYNER, B.D.S.

On the Ridley Memorial Trust:

PROFESSOR J. A. PRESCOTT, D.Sc.

On the Union Council:HELEN MARY MAYO, O.B.E., M.D.
PROFESSOR M. L. MITCHELL, M.Sc.
A. J. HANNAN, C.M.G., Q.C., 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.
- 1895: Public Subscriptions—£160 to found a scholarship in memory of the Rev. W. Roby Fletcher.
- 1896: Mrs. Davies Thomas—£400 }
1934: Mrs. Davies Thomas—£200 } to found scholarships in memory of Dr. John Davies Thomas.
- 1897: Sir 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. Commercial Travellers' Association—£100 to found a bursary in memory of Archibald Mackie.
- 1916-22: Sir S. J. Way—£1,277 for general purposes.
- 1917: Public Subscriptions—£740 to found scholarships in memory of Eugene Alderman.
- 1918: Mrs. A. M. Simpson—£500 to provide a library in aeronautics in memory of her husband, Alfred Muller Simpson.
- 1919: Miss E. M. Bunday, Mus. Bac.—£1,236 to found research scholarships in Botany or Forestry.
- 1920: The family of the late R. Barr Smith—£11,000 to form an endowment for the University library.
- 1920: Private Subscriptions—£7,073 to establish the Animal Products Research Foundation.
- 1920: The North Adelaide Congregational Church—Subscriptions—£50 to provide a medal in memory of the Rev. Dr. Jefferis.
- 1920: The Hon. Sir George Murray, K.C.M.G.—£1,000 for the Building Fund.
- 1920: The family of John Darling—£15,000 for a medical school building in memory of their father.
- 1921: Mrs. G. A. Jury—£12,000 to endow a chair in English Language and Literature.
- 1921: Old Scholars of Tormore House School—£130 to found an annual prize in memory of the School.
- 1922: Mrs. Jane Marks—£30,000 for the better endowment of the medical school and to perpetuate the memory of George Richard Marks and his wife Jane Marks.
- 1922: Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—Property of the estimated value of £20,923 for advancement of medical research.
- 1922: Old scholars of Miss Martin's School—£150 to found annual prizes in memory of Annie Montgomerie Martin.
- 1923: The Adelaide Co-operative Society—£150 to found a bursary in memory of George Thompson.
- 1923: T. E. Barr Smith—£100 to found an annual prize for an essay on the work of the League of Nations.
- 1924: Mrs. Agnes Ayers—£500 for general purposes.
- 1924: Old Scholars of the Methodist Ladies' College—£100 to provide a library in psychology to commemorate Miss Sarah Elizabeth Jackson, M.A.
- 1924: Public Subscriptions—£650
- 1924: James Gartrell—£200 to found an annual prize in Comparative Philology.
- 1925: Old Scholars of Unley Park School—£450 to found a bursary in memory of Catherine Maria Thornber.
- 1926: The Hon. Sir Langdon Bonython, K.C.M.G.—£20,000 to endow the chair of Law.
- 1926: The Hon. Sir Josiah Symon, K.C.M.G., K.C.—£9,500 for the Lady Symon Building, the women's portion of the University Union.
- 1926: Sir Joseph Verco, Kt.—£5,000 to establish a fund for the publication of results of research in the medical sciences.
- 1926: J. T. Mortlock—£2,000 to help the Council in equipping the Waite Agricultural Research Institute.
- 1926: Public Subscriptions—£1,076 for the encouragement of orchestral music; the fund was inaugurated by Mr. Percy Grainger in memory of his mother.

- 1926: Executors of the late Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—£452 to establish Keith Sheridan prizes in the medical school.
- 1927: John Melrose—£10,000 for a chemistry laboratory at the Waite Agricultural Research Institute.
- 1927: M. L. Mitchell—£50 for the Barr Smith Library.
- 1927-8: T. E. Barr Smith—£34,718 for the Barr Smith Library Building.
- 1929: The family of John Darling—£10,000 for a laboratory for soils research at the Waite Agricultural Research Institute.
- 1929-51: The Commonwealth Bank of Australia—£4,000 for plant culture houses and an insectary 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—£46,000 (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—£11,500 (estimate) for pastoral research.

- 1942: Sir George Murray—£83,691 (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—£2,456 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 } 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.
- 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: A. J. Raven—£2,453 to provide regular series of lectures in Philosophy to commemorate David Young.
- 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—£14,000 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—£17,341/13/4 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. A. E. Hare—£5,768 for the purposes of the Anti-Cancer Committee.
 1953: W. Donnithorne—£1,590 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.

DONATIONS

- 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 }
 James Waite—£400 } to assist investigations into
 Mrs. R. F. Mortlock—£100 } soil erosion and pasture re-
 J. T. Mortlock—£1,500 } generation.
- 1940-41: 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 } For the purchase of equip-
 Broken Hill South Ltd.—£4,000 } ment for the Department of
 Zinc Corporation Ltd.—£4,000 } Mining, Metallurgical and
 Imperial Chemical Industries Ltd.—£1,000 } Chemical Engineering.
- 1949: Professor J. H. B. Tew—£100 to establish a fund on which the Professor of Economics may draw for prizes in Economics.
- 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 De-
 partment of Mining, Metal-
 lurgical and Chemical En-
 gineering.

- 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.

GIFTS AND BEQUESTS

TO THE UNIVERSITY LIBRARY:

- (1) Public Library of South Australia: the medical portion of the Public Library.
- (2) William Barlow, C.M.G., LL.D.: a collection of 450 Law Books.
- (3) The Rt. Hon. Sir S. J. Way, Bart.: a library of over 15,000 volumes; and bronze statuettes and silverware.
- (4) The Hon. Sir Josiah Symon, K.C.M.G., K.C.: a valuable collection of the earlier Law Reports and other legal books.
- (5) Sir Joseph Verco, Kt.: books for the Medical Library.
- (6) W. Ramsay Smith, D.Sc.: a collection of books and periodicals numbering 2,165 volumes.
- (7) R. J. M. Clucas, B.A.: 1,300 books selected from his library.
- (8) Aylmer Strong: the library of his brother, Professor Sir Archibald Strong.
- (9) The French Government: 470 volumes selected by the Lecturer in French.
- (10) Sir Douglas Mawson: 19 volumes of Drygalski's records of his South Pole Expedition.
- (11) F. Lucas Benham, M.D.: a collection of about 1,000 books.
- (12) R. S. Rogers, M.A., M.D., D.Sc.: about 800 books on botany, chiefly on orchids.
- (13) Canon T. H. Frewin: a collection of more than 300 classical coins.
- (14) Lord Normand: a copy of the transcript of the argument before the Privy Council in the Banking Case.

For a list of other gifts, see the Calendar for 1953.

THE WAITE AGRICULTURAL RESEARCH INSTITUTE:

For gifts of furniture, equipment, etc., see the Calendar for 1948.

EQUIPMENT, etc.:

See list published in the Calendar for 1953.

TO THE STUDENTS' UNION BUILDINGS AND WAR MEMORIAL

(See list published in the Calendar for 1948.)

Total Cost, £39,125.

TO THE ANTI-CANCER CAMPAIGN

Gifts in 1930 - - - -	£6,000	Gifts in 1949 - - - -	£1,458
Gifts in 1939 - - - -	£3,350	Proceeds of the Lord Mayor's	
Gifts in 1948 - - - -	£221	Appeal for Cancer in 1950 -	£102,793

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.

<p style="text-align: center;">A</p> Abbie, Andrew Arthur, D.Sc. (Sydney, 1941) - - - 1945 †Abbott, Clifford Alexander, B.Sc. - - - 1952 Abbott, Charles Anthony Lempriere, LL.B. - - - 1947 Abbott, Charles Arthur Hillas Lempriere, B.A. - - - 1911 LL.B. - - - 1914 Abbott, Derek Athol Lempriere, LL.B. 1950 Abbott, Geoffrey Joseph, B.E. - - - 1921 †Abbott, Howard Lockyer, B.A. - - - 1952 †Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.) 1942 surrendered) 1943 Abbott, Nigel Basil Cresley, M.B., B.S. 1916 †Abbott, Nigel Drury Cresley, M.B., B.S. 1944 Abotomey, Olive Wanda, B.A. - - - 1930 *Adam, David Bonar, B.Ag.Sc. (Melbourne, 1922) - - - 1939 Adam, Elizabeth Anderson, B.A. - - - 1949 Adams, Arthur John Sorby, B.Sc. - - - 1926 Adams, Colin Francis, B.E. - - - 1934 Adams, Dorothy Sorby, M.B., B.S. - - - 1922 Adams, Edward James Stanley, B.E. - - - 1941 *Adams, Frederick Penoyre, LL.B. - - - 1923 Adams, John Clyde, B.E. - - - 1941 Adams, Reginald Keith Sorby, M.A. - - - 1926 Addison, Stanley Simpson, B.Sc. - - - 1908 Adey, Colin Richard, B.Sc. (Eng.) - - - 1942 Adey, William Ross, M.D. (M.B., B.S., 1943) - - - 1949 †Adlam, Kenneth Charles, B.E. - - - 1952 †Ahern, Kevin Barry, LL.B. - - - 1951 Aitchison, Erica Nancy, B.A. - - - 1931 Aitchison, Gordon Douglas, M.E. - - - 1952 Aitchison, Gordon James, M.Sc. - - - 1945 Aitchison, Gordon John, B.E. - - - 1927 Aitken, Gilbert William Elliot, M.B., B.S. - - - 1943 *Akhurst, Adrian, LL.B. - - - 1908 Alcock, Dudley Horace, B.A. - - - 1943 Alderman, Arthur Richard, D.Sc. - - - 1943 Alderman, Colin Graham, M.B., B.S. - - - 1943 Aldersey, Algernon, Lumley Haydon, B.Sc. - - - 1950 Aldersey, Richard Baker, B.Sc. - - - 1923 †Alexander, Donald John, B.E. - - - 1951 Alexander, Rosemary Margery Blanche, LL.B. - - - 1935 Alexander, William Colin, B.E. - - - 1928 Allardice, John Graham, B.E. - - - 1950 Allen, Dulce Dawn, B.A. - - - 1945 Allen, Edgar, M.A. - - - 1913 †Allen, Gordon Lewis, B.E. - - - 1951 Allen, Gordon Vivian, B.E. - - - 1936 Allen, Gwenneth Dawn, B.Sc. - - - 1947 Allen, Henry Joshua, M.A. - - - 1929 Allen, James Lawrence, B.A. - - - 1935 Allen, John Bernard, B.A. - - - 1942 Allen, John Howard, B.Sc. - - - 1916 †Allen, Kevin Reginald, B.D.S. - - - 1952 Allen, Leonard Nicholls, M.A. - - - 1933 Allen, Lois Waveney, B.A. - - - 1913 Allen (nee Mann), Margaret Noble, B.A. - - - 1927 Allen, Maxwell George, B.Sc. - - - 1949 Allen, Murray William, B.E. - - - 1950 †Allen, Roy, M.B., B.S. - - - 1951	Allen, Shirley Hope, B.Sc. - - - 1943 †Allen, Thomas Howard, M.B., B.S. - - - 1953 Allen, William Douglas, B.Sc. - - - 1934 Allert, Margaret Elizabeth, B.A. - - - 1950 Allison, John Kenneth, B.A. - - - 1939 Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - 1947 Almond, William Wesley, B.Sc. (Eng.) 1945 Altmann, Arthur Richard, B.E. - - - 1920 Altmann, Herbert Franz, M.B., B.S. - - - 1922 Altman, Olive Stella, B.A. - - - 1948 Ambrose, Betty Rosslyn, M.B., B.S. - - - 1936 Ambrose, John Rosslyn, M.B., B.S. - - - 1943 †Ames, Peter Geoffrey, B.Sc. - - - 1953 †Amey, Lloyd Ronald, B.E. - - - 1951 Amos, George Lewis, M.Sc. - - - 1939 Anders, Douglas John, B.Sc. - - - 1936 Anders, Ralph Charles, B.E. - - - 1934 Andersen, Kerstin Lillemor, B.A. - - - 1934 Anderson, Adrian Akhurst, B.E. - - - 1925 Anderson, Alan Bruce, B.Sc. - - - 1922 †Anderson, Albert Raymond, M.B., B.S. 1951 †Anderson, Alex Gordon, B.Sc. - - - 1933 Anderson, Alison Margaret, B.A. - - - 1937 Anderson, Aubrey James Clifton, B.A. 1947 Anderson, Claude Leonard, M.B., B.S. 1933 Anderson, Colin Charles, B.Sc. (Eng.) 1944 Anderson, Donald Robert Ross, M.B., B.S. - - - 1947 Anderson, Dorothy Kathleen Ross, M.B., B.S. - - - 1942 †Anderson, Douglas Bruce, B.E. - - - 1952 Anderson, Geoffrey Fraser, LL.B. - - - 1943 Anderson, Gwendoline Mary, B.A. - - - 1933 Anderson, Isabella, B.A. - - - 1930 Anderson, Jack Sidney, M.B., B.S. - - - 1944 Anderson, Max Kimberley, M.B., B.S. 1943 Anderson, Ronald Alexander, B.Sc. - - - 1948 Anderson, Sescia Ross, LL.B. - - - 1941 Anderson, William Moffat, B.E. - - - 1920 Andrew, Brian William, B.E. - - - 1948 Andrew, Hugh Graham, M.B., B.S. - - - 1941 †Andrew, Ronald Headland, M.B., B.S. - - - 1953 Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932) - - - 1947 Andrews, Jean Mary Agnes, B.A. - - - 1948 Andrews, Julian, M.B., B.S. - - - 1932 Andrews, Murray William, B.Sc. - - - 1949 Andrews, Richard Bullock, B.A. - - - 1887 LL.B. - - - 1891 Angel, Laura Madeline, M.Sc. - - - 1938 Angel, Mary Taylor, M.B., B.S. - - - 1931 †Angle, Ronald James, B.Sc. - - - 1951 Angove (nee Clare), Dorothy Cotgrave, B.A. - - - 1912 Angove, Roger Clare, M.B., B.S. - - - 1938 Angus, William, B.Sc. (Aberdeen, 1900) 1905 Angus, William Roy, M.B., B.S. - - - 1923 Angwin, William Britton, B.Sc. - - - 1909 Annear, Douglas Innes, B.Sc. - - - 1944 †Annells, Ralph Edward, B.D.S. - - - 1951 Annells, William Charles, M.A. - - - 1899 †Apostol, Vasille Papadimitriou, LL.B. - - - 1952 Appleby, Arthur George, B.E. - - - 1923 Appleby, Cyril Angus, B.Sc. - - - 1949 Appleby, Harold Henry, M.B., B.S. - - - 1925 Appleby, Ronald Louis, B.Sc. - - - 1950
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* Deceased.

† Not yet Members of the Senate.

†Beare, Thomas Hudson, M.B., B.S.	-	1952	Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	-	1947
Beare, Thomas James, B.E. (Interim B.Sc. (Eng.) 1949 surrendered)	-	1951	Beviss, Archibald Charles Kidman, B.A.	-	1943
†Bearnan, Imelda, B.A.	-	1952	Bhavilai, Rawi, M.Sc.	-	1952
Beaton, Doris Jean, LL.B.	-	1940	Biaggini, Ernest Gordon, D.Litt.	-	1944
Beauchamp, Edward Benjamin, LL.B.	-	1927	Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	-	1920
Beaumont, Paul Charles, B.A.	-	1921	Bickford, Reginald Nevill Cudmore, M.B., B.S.	-	1935
Beaumont, Olive Sowter, B.A.	-	1939	Biddle, Enid Barbara, B.A.	-	1948
Beck, Alan Beavis, M.Sc.	-	1932	Biddle, Gordon Crawford, B.Sc.	-	1950
Beck, Merlin Benjamin, B.Ag.Sc.	-	1949	Bidstrup, Patricia Leslie, M.B., B.S.	-	1939
Beck, Robert George, B.Ag.Sc.	-	1941	†Biele, Keith William, B.Ec.	-	1952
Beckwith, Ralph Symonds, B.Sc.	-	1944	Billing, Geoffry Chandos, B.A.	-	1922
Beckwith, Shirley Katie, B.A.	-	1939	Billitzer, Anthony Wolfgang, M.Sc.	-	1952
Bednall, Brian Herbert, B.Sc.	-	1925	Bills, Allan Maynard, B.A.	-	1931
Bednall, David Maurice, LL.B.	-	1953	Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	-	1949
Bednall, Maurice William, LL.B.	-	1924	Bills, David Charles, B.Sc.	-	1950
Beech, Ernest Robert, M.B., B.S.	-	1932	Bills, Lawrence McAusland, LL.B.	-	1937
†Beech, Margaret Doris, B.Sc.	-	1952	Bills, Malcolm Bruce, B.D.S.	-	1947
Beecham, Anthony Frank, B.Sc.	-	1950	Bilney, Neil Joseph, B.A.	-	1938
Begg, Barbara Rosemary, B.Sc.	-	1947	Binns, Raymond Thomas, M.D. (M.B., B.S., 1923)	-	1937
Begg, Betty Shannon, M.B., B.S.	-	1949	Birch, John Bright, M.B., B.S.	-	1915
Begg, Percy Raymond, B.D.S. (Melbourne, 1924)	-	1932	Birch, Louis Charles, D.Sc.	-	1949
D.D.Sc.	-	1935	†Birdseye, Sydney Alick, M.B., B.S.	-	1951
Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered for B.E., 1918)	-	1918	Birks, Peter Macintyre, M.B., B.S.	-	1934
Behndt, Arthur Clive, M.B. B.S.	-	1948	Birks, Walter Gordon, M.B., B.S.	-	1937
†Beilby, Bruce Parnell, B.E.	-	1952	Birks, Walter Richard, B.Sc.	-	1910
Bell, Arthur Hammond, M.A.	-	1925	Black, Edward William, Mus.Bac.	-	1925
Bell, Donald George, B.A.	-	1941	Black, Eustace Couper, M.B., B.S.	-	1910
Bell, Edith Bevilacqua, B.A.	-	1936	Black, Geoffrey Howard Barham, M.B., B.S.	-	1916
Bell, Franklyn Gilbert, M.B., B.S.	-	1949	†Black, Nancy Helen Barham, M.B., B.S.	-	1951
†Benjaminson, Albert, B.E.	-	1951	Blackburn, Arthur Seaforth, LL.B.	-	1913
†Bennett, Mary Gilmour, B.Sc.	-	1951	Blackburn, Sir Charles Bickerton, B.A.	-	1893
Bennett (nee Berriman), Annie Stevens, B.A.	-	1919	Blackburn, Harold Stewart, M.B., B.S.	-	1942
Bennett, Charles Gordon, B.A.	-	1922	Blackburn, John Stewart, B.A.	-	1914
Bennett, David John, B.Sc.	-	1932	†Blackburn, Margaret Alison, B.A.	-	1951
Bennett, Donald Collier, M.B., B.S.	-	1946	Blackburn, Richard Arthur, B.A.	-	1939
†Bennett, Floyd Chester, B.A.	-	1951	Blackburn, Robert Stewart, B.D.S.	-	1941
Bennett, Frederick Norman, B.A.	-	1905	Blackburn, Suzanne Burton, M.B., B.S.	-	1948
Bennett, Graham Leslie, M.B., B.S.	-	1935	Blacket, Arthur Howard, B.A.	-	1927
Bennett, Henry Trevor, LL.B.	-	1950	Blacket (nee Dickinson), Edith Grace, B.A.	-	1926
Bennett, John Barkly, M.B., B.S.	-	1947	Blades, James Frederick, B.A.	-	1947
Bennett, John Nelson, LL.B.	-	1944	Blaess, Frederick John Henry, M.A.	-	1943
Bennett, Keith McQuarrie, B.E.	-	1925	Blaess, Ronald Frederick, B.A.	-	1943
Bennett, Norman Robertson, M.B., B.S.	-	1919	Blair, David Scott, B.E.	-	1949
Bennett, Richard Barkly, M.B. B.S.	-	1948	*Blair, Euphemia Theodosia, M.A.	-	1916
Bennett, Thomas Southall, B.A.	-	1933	Blair, Joan Scott, B.A.	-	1949
†Bennier, Donald John, B.E.	-	1951	†Blair, Ruth Margaret, B.A.	-	1951
Benskin, Frederick George, M.A. (Oxford, 1900)	-	1923	Blake, Milton Audley, B.Sc.	-	1923
†Benson, Colin John, M.B., B.S.	-	1953	Blakeway, Lionel Norman, B.A.	-	1948
Benson, Maurice Bernard, B.A. (London)	-	1950	Blaskett, Alan Charles, B.Sc.	-	1950
†Benson, Richard Neville, M.B., B.S.	-	1953	Blaskett, Donald Reginald, B.E.	-	1940
†Benson, William Herbert, M.B., B.S.	-	1951	Blaskett, Kenneth Selway, B.E.	-	1931
†Bentley, Alan, M.B., B.S.	-	1953	Blaskett, Sydney Norman, B.E.	-	1928
†Bentley, John Donald, B.A.	-	1951	Bleby, Dorothy Aileen, B.A.	-	1930
Bentley, William James, B.A.	-	1935	Bleby, Gordon Edward Henry, LL.B.	-	1931
Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	-	1949	Bleby, John Raymond, B.A.	-	1933
Berndt, Kenneth Lewis, B.Sc.	-	1937	Bleby, Thelma Evelyn, LL.B.	-	1923
B.A.	-	1943	Blesing, Rae Flora, B.A.	-	1947
Berriman, Robert Harold, B.E. (B.Sc., 1915, surrendered for B.E., 1919)	-	1919	Blight, John Malcolm, B.Sc.	-	1950
Bert, Ernest Julius, B.E.	-	1921	†Blight, Thomas David, B.Sc.	-	1951
Berry, Frances Winifred, M.A.	-	1919	Bloomfield, Allan John, B.D.S.	-	1939
†Berry, Patricia Dean, B.Sc.	-	1952	Bloomfield, Jack Lee, B.Ec.	-	1943
Berry, Philip Alan, M.Sc.	-	1934	Blown, William Baker, B.E.	-	1930
†Berry, Thomas Bruce, B.D.S.	-	1953	Boas, Isaac Herbert, B.Sc.	-	1899
†Bessant, Dorothy Elizabeth, B.A.	-	1952	Boehm, Ernst Arthur, B.Ec.	-	1949
†Best, Effie Deland, B.Sc.	-	1953	†Boehm, Jack, LL.B.	-	1952
Best (nee Deland), Effie Wyllie, M.Sc.	-	1930	Boehm, Rolfe Vernon, B.E.	-	1935
Best, Rupert Jethro, D.Sc.	-	1948	†Boehm, Walter Gotthalf, B.A.	-	1953
Bested, Gordon John, B.A.	-	1942	Boer, Edward Douglas, M.B., B.S.	-	1942
Bettison, Margaret Selina, B.A.	-	1949	Bolin, Beverley Louise, B.E.	-	1948
Betts, Beatrice Berenice, B.A.	-	1933	*Bollen, Christopher, M.D. (Toronto, 1891)	-	1894
Betts, William James, M.B., B.S.	-	1941	†Bollen, Derek Willoughby, LL.B.	-	1951
Bevan, Medhurst Llewellyn Willett, LL.B.	-	1931	Bollen, Kenneth Willoughby, M.B., B.S.	-	1918
†Beverley, David William Ernest, B.E.	-	1951	Bond, Leonard Gordon, B.A.	-	1924
			*Bond, William Elmhirst Tucker (B.A., Cambridge), B.Sc.	-	1952

* Deceased.

† Not yet Members of the Senate.

Bone, Maxwell Harold, B.A. - - -	1938	Brazel, James Francis, LL.B. - - -	1926
Bonner, Brian Christopher, B.Sc. - - -	1950	Brazier, John Richard, B.A. - - -	1948
Bonnin, James Arthur, M.B., B.S. - - -	1946	†Breakey, Angus James, B.E. - - -	1953
Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936) - - -	1947	Breakwell, Ernest James, M.Ag.Sc. (B.Sc. Agric., Sydney, 1931) - - -	1939
Bonnin, Lansell, M.B., B.S. - - -	1941	†Brealey, Keith Lisle, B.Sc. - - -	1951
Bonnin, Murray Frew, LL.B. - - -	1936	*Brebner, Charles Cave, LL.B. - - -	1913
B.A. - - -	1947	†Brebner, Donald Malcolm, LL.B. - - -	1951
Bonnin, Noel James, M.S. (M.B., B.S., 1932) - - -	1944	Bree, Ellen Ruth, B.A. - - -	1942
Bonython, Charles Warren, B.Sc. - - -	1938	Bree, Joan Alison, B.Sc. - - -	1948
Bonython, John Langdon, B.A. (Cambridge, 1928) - - -	1928	†Brentnall, George Rex, M.B., B.S. - - -	1953
Booker, Robert Franklin, M.A. - - -	1931	†Brett, Horace William Walter, B.Sc. - - -	1951
Boomsma, Clifford David, M.Sc. - - -	1949	Brice, Emilie Una, B.A. - - -	1937
†Boord, Leslie, B.E. - - -	1953	†Brice, Helen Elizabeth, B.Sc. - - -	1953
Booth, Edward Stirling, B.Sc. - - -	1932	†Brice, John Marshall, B.Sc. - - -	1951
Booth, Jean Marie, Mus.Bac. - - -	1944	Brideson, Hedley Cyril, B.A. - - -	1943
Boothby, Charles Brinsley, LL.B. - - -	1886	Bridgland, Milton Deane, B.Sc. - - -	1942
Borland, Francis Thomas, M.A. (Melbourne) - - -	1952	Bridgland, Reginald James, M.E. - - -	1935
Borrow, Keith Travers, LL.B. - - -	1939	Bridgen, James Bristock, B.A. (Oxford, 1920) - - -	1926
Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937) - - -	1947	Bright, Charles Hart, B.A. - - -	1934
Bosner, Peter Abel, B.E. - - -	1950	LL.B. - - -	1934
Bosher, Victor James Marcel, M.Sc. - - -	1949	Brindal, Rosemary Barbara, M.B., B.S. - - -	1949
Bosworth, Richard Charles Leslie, D.Sc. - - -	1938	Brisbout, John Augustus Roger, M.B., B.S. - - -	1950
Bosworth, Richard Leslie Eugene, B.Sc. - - -	1901	Broadbent, Eric Elihu, M.B., B.S. - - -	1917
Botham, John Robert, B.Ag.Sc. - - -	1950	†Broadbent, Henry Neil Gribble, B.E. - - -	1952
Botten, Robert Gray, M.B., B.S. - - -	1949	Brook, Rex Richard Ashby, M.B., B.S. - - -	1949
Boucaut, James Penn, LL.B. - - -	1939	Brooksopp, John Ernest, LL.B. - - -	1934
Boundy, Clive Alfred Paul, B.E. - - -	1935	Brookway, George Ernest Emerson, B.Sc. - - -	1921
Boundy, Rex, B.E. - - -	1923	Brokensha, Peter, B.E. - - -	1950
Boundy, William Stevenson, B.Sc. - - -	1950	Bromfield, Donald Hamilton, M.B., B.S. - - -	1946
Bourke, Elma Marie, B.A. - - -	1933	Bronner, Rudolph, M.A. - - -	1926
*Bourke, George Herbert, B.A. - - -	1924	Brook, Donald Leslie, B.E. - - -	1949
Bourke, Herbert Merwin, M.B., B.S. - - -	1922	Brooke, Joyce Ethel, M.Sc. - - -	1939
Bourne, Malcolm Cornelius, B.Sc. - - -	1949	Brooke, Malcolm Archibald, B.E. - - -	1925
†Bowden, Kevin Benjamin, B.E. - - -	1951	Brooke, William Charles Robert, B.E. - - -	1931
†Bowden, Wallace Auckland, M.B., B.S. - - -	1953	Brookman, Benjamin Edward, M.B., B.S. - - -	1944
Bowering, Beryl, M.B., B.S. - - -	1933	Brookman, Graham George, B.E. - - -	1949
Bowering, Owen Wheatley, M.B., B.S. - - -	1937	Brookman, John Gordon, B.E. - - -	1937
Bowes, Colin Robert, B.Sc. - - -	1945	Brookman, John Ragless, M.E. - - -	1925
Bowes, Donald Ralph, M.Sc. - - -	1948	Brooks, Albert Joseph, B.A. - - -	1904
†Bowey, Allan Edgar, B.Sc. - - -	1953	†Brooks, Brian John, B.E. - - -	1951
Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1949	Brooks, George Herbert, B.Sc. (Eng.) - - -	1943
Bowey, Ross Richard, M.B., B.S. - - -	1948	†Brooks, James Alfred, B.Sc. - - -	1952
Bowler, John Kirkpatrick, M.B., B.S. - - -	1937	Brooks, Joyce Dardanella, B.A. - - -	1945
Bowness, Alexander, B.Ec. - - -	1947	Brooks, Merle Olive, B.A. - - -	1947
Boyce, Althea Enid, B.A. - - -	1930	Brooks, Mervyn Leslie, B.Sc. - - -	1948
Boyce, Sidney Herbert, B.E. - - -	1928	Brooks, Richard Rodney, B.E. - - -	1935
†Boylan, Francis Eugene, LL.B. - - -	1953	Broomhead, Edwin Norman, M.A. - - -	1940
Boyle, Kevin William, B.E. - - -	1940	Brose, Henry Herman Leopold Adolph, D.Sc. - - -	1931
Boyle, Lester Robert, M.D.S. (B.D.S., 1943) - - -	1947	†Broughton, Rodney Whitfield-Smith, B.E. - - -	1953
Bracken, Maurice John, B.A. - - -	1947	Brous, Michel, M.B., B.S. - - -	1945
Braddock, Lyall Arthur, B.Ec. - - -	1944	Brown, Arthur Cubitt, B.E. (B.Sc., 1911, surrendered for B.E., 1914) - - -	1914
Braden, Allan Walter Horace, B.Sc. - - -	1947	Brown, Alfred Reginald Radcliffe, M.A. (Cambridge) - - -	1926
†Brame, Alan John Fisher, B.E. - - -	1951	Brown, Cyril Maitland Ash, B.A. - - -	1932
Bramwell, Myra Gladys, B.A. - - -	1940	Brown, Dougal Hamilton, B.E. - - -	1948
†Brandstater, Bernard John, M.B., B.S. - - -	1951	Brown, Enid Norma, B.A. - - -	1939
Brandstater, Rhona, B.Sc. - - -	1949	Brown, Ernest William, D.Sc. (Cambridge, 1897) - - -	1914
†Branson, Colin William, B.Ec. - - -	1953	Brown, Frederick George, B.A. (London, 1898) - - -	1906
Branson, Harrold Randolph, M.B., B.S. - - -	1921	B.Sc. - - -	1910
Brasch, Leonard William, B.Sc. - - -	1950	†Brown, Graham Barrett, B.E. - - -	1952
Brauer, Edwin Harold, B.A. - - -	1947	†Brown, Geoffrey Frank, B.Sc. - - -	1952
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899) - - -	1905	Brown, Geoffrey Ivan, B.D.S. - - -	1946
Braunthal, Norman Frank, B.Ec. - - -	1947	Brown, Geraldine Whittle, B.Sc. - - -	1949
Brawn, May, M.A. - - -	1924	Brown, Henry, M.A. - - -	1924
Bray, Andrew Mackie, B.E. - - -	1950	B.Ec. - - -	1936
Bray, Elva Mildred, B.A. - - -	1941	Brown, Howard Arthur, B.E. - - -	1938
Bray, Gildart Harvey, M.A. (Aberdeen, 1890) - - -	1891	Brown, Ian, B.Sc. - - -	1940
†Bray, Isabel Mary, B.Sc. - - -	1951	Brown, James Howard, M.B., B.S. - - -	1944
Bray, John Jefferson, LL.D. - - -	1937	†Brown, John Arthur Stacy, B.Sc. - - -	1951
Bray, John Marmion, B.Sc. - - -	1942	Brown, Kenneth Aylesbury, B.D.S. - - -	1950
Bray, Robert Stow, B.Sc. - - -	1950	Brown, Kenneth Barnden, M.B., B.S. - - -	1942
Bray (nee Trengove), Rosalie Irene, M.A. - - -	1930	Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.) 1946 surrendered) - - -	1948
†Bray, William Harry, LL.B. - - -	1951		

* Deceased.

† Not yet Members of the Senate.

Carman, Robert Douglas, M.S. (M.B., B.S., 1939) - - - - -	1948	Cheek, Donald Brook, M.D. (M.B., B.S., 1947) - - - - -	1953
Carman, Stephen Hewett, LL.B. - - - - -	1936	Cheek, Nancy Olive, M.B., B.S. - - - - -	1942
Carmen, Noel Francis, B.A. - - - - -	1947	Cheesman, Graham Frank, M.B., B.S. - - - - -	1946
Carmichael, Donald Ross, B.A. - - - - -	1950	†Chennell, John Gordon Peake, B.Sc. - - - - -	1951
Carne, Alfred George, B.A. - - - - -	1912	Cherry, Aileen Percival, B.A. - - - - -	1934
Carne, Ian Hamilton, B.E. - - - - -	1940	M.B., B.S. - - - - -	1949
Carr, Emma Lucy, B.A. - - - - -	1917	Cherry, Alan Percival, M.B., B.S. - - - - -	1941
Carroll, Mary Philomena, B.A. - - - - -	1933	Cherry, Edward Percival, M.B., B.S. - - - - -	1938
Carslaw, Horatio Scott, D.Sc. (Sc.D., Cambridge, 1908) - - - - -	1926	Chester, Harry Leonard, M.B., B.S. - - - - -	1925
Carter, Charles Robert, B.Sc. - - - - -	1947	†Chester, Leonard Raymond, B.Sc. - - - - -	1951
Carter, Edward Diment, B.Ag.Sc. - - - - -	1949	Chesterman, Harry Martin, B.E. - - - - -	1950
Carter, Elizabeth Reay, B.A. - - - - -	1942	Chibnall, Helen, B.Sc. - - - - -	1944
Carter, Frank Killingbeck, B.Sc. - - - - -	1922	Chick, John Bertram, B.Sc. - - - - -	1948
†Carter, Ian Dan, M.B., B.S. - - - - -	1952	Chignell, Arthur Kent, B.A. - - - - -	1900
Carter, Ida Jane, B.A. - - - - -	1918	Child, Marie Beatrice, B.A. - - - - -	1926
†Carter, Maurice Vernon, B.Ag.Sc. - - - - -	1951	†Childs, John Tothill, B.D.S. - - - - -	1952
Carter, Maxwell John, B.Sc. - - - - -	1948	†Childs, Peter Anthony, M.B., B.S. - - - - -	1953
†Carter, Melville Lionel, M.B., B.S. - - - - -	1953	*Chilman, Eliza Stewart, B.A. - - - - -	1930
Carthew, Allen Rex, B.Sc. - - - - -	1949	Chinner, Beryl Esther, Mus.Bac. - - - - -	1947
Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	†Chinner, Graham Alan, B.Sc. - - - - -	1953
†Carthew, John, B.E. - - - - -	1952	Chinner, Melville Ernest, M.D. (M.B., B.S., 1925) - - - - -	1938
Carthew, Lancelot, B.A. - - - - -	1932	†Chittleborough, Jeffrey David, B.Sc. - - - - -	1951
Cartledge, Jack Pickering, LL.B. - - - - -	1921	Chittleborough, Laurel Evelyn, B.A. - - - - -	1947
Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Chittleborough, Robert Graham, M.Sc. - - - - -	1952
Cashmore, Alec Brooke, M.Sc. - - - - -	1938	Choate, Max Paul, B.A. - - - - -	1950
Cashmore, George Herbert, M.B., B.S. - - - - -	1927	†Christie, Basil James Frederick, B.Sc. - - - - -	1953
Cashmore, Helen Patricia, B.A. - - - - -	1948	Christie, Margaret, B.A. - - - - -	1945
†Casling, Reginald Herbert, B.E. - - - - -	1951	Christie, Patrick Joseph, LL.B. - - - - -	1925
Casson, Leslie Frank, M.A. - - - - -	1928	Christie, William, M.B., B.S. - - - - -	1925
Casson, Paul Bevis, B.Sc. - - - - -	1935	Christophersen, Jack Vivian, B.D.S. - - - - -	1927
†Castle, Edgar Woods, B.A. - - - - -	1952	Church, Jack Raymond, B.Sc. - - - - -	1949
†Castle, Robert Norman, M.B., B.S. - - - - -	1953	Church, John Henry, M.A. - - - - -	1934
Catcheside, David Guthrie, D.Sc. (London) - - - - -	1952	†Church, Keith Neville, B.E. - - - - -	1951
Catchlove, Sydney George Leyland, M.B., B.S. - - - - -	1907	Churchward, Spencer, M.A. - - - - -	1903
†Catchpole, John Roger, B.Sc. - - - - -	1952	Churchward, Stella Mary, B.Sc. - - - - -	1904
Causby, Donald James, B.E. - - - - -	1950	Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918) - - - - -	1922
Caut, David Kennings, M.B., B.S. - - - - -	1946	Clapp, Cedric Norman, B.D.S. - - - - -	1938
Caut, Leslie George William, B.A. - - - - -	1921	Clapp, Kevin Hubert, B.Sc. - - - - -	1947
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902) - - - - -	1931	*Clark, Allan David Everett, B.A. - - - - -	1935
†Cawdle, Robert Ferris, B.E. - - - - -	1951	Clark, Annie Winifred, M.B., B.S. - - - - -	1922
Cawte, Frederick George Nelson, B.A. - - - - -	1943	Clark, Archie Septimus, B.Sc. - - - - -	1900
Cawte, John Ewart, M.B., B.S. - - - - -	1949	*Clark, Edward Vincent, B.Sc. - - - - -	1895
Chalken, Gwendoline Elizabeth, B.A. - - - - -	1930	†Clark, Eunice Jean, B.Sc. - - - - -	1952
Chamberlain, Reginald Roderic St. Clair, LL.B. - - - - -	1922	Clark, Helen Goldthorp, M.Sc. - - - - -	1948
Chambers, William Charles Teesdale, M.B., B.S. - - - - -	1942	†Clark, Henry William, B.A. - - - - -	1951
*Champion de Crespigny, Sir Constantine Trent, M.D. (Melbourne, 1906) - - - - -	1913	Clark, Hugh Rodney, M.E. - - - - -	1938
Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930) - - - - -	1933	†Clark, James Blyth, LL.B. - - - - -	1953
Chandler, Arthur James, M.B., B.S. - - - - -	1927	Clark, John Francis, B.D.S. - - - - -	1922
Chapman, Arthur Horsley, B.E. - - - - -	1927	Clark, John Osborne, LL.B. - - - - -	1941
Chapman, Ernest Stirling, B.D.S. - - - - -	1928	†Clark, John Symonds, B.E. - - - - -	1951
Chapman, Frank Hewett, LL.B. - - - - -	1930	†Clark, Mary Patricia, B.A. - - - - -	1951
Chapman, John Marsden, B.A. - - - - -	1934	Clark, Pauline, B.Sc. - - - - -	1948
†Chapman, Peter Noel, B.D.S. - - - - -	1952	Clark, Robert John, LL.B. - - - - -	1933
*Chapman, Robert Hall, M.E. (B.Sc. 1910, surrendered for B.E., 1913) - - - - -	1921	†Clark, William Raymond, B.E. - - - - -	1951
Chapman, Stanley Bertram, B.Sc. - - - - -	1931	†Clarke, Allan Lawrence, B.Ag.Sc. - - - - -	1952
Chapman, William Glanville, B.E. - - - - -	1934	†Clarke, Andrew Michael Fausset, M.B., B.S. - - - - -	1951
†Chappell, John Francis, B.E. - - - - -	1952	Clarke, Brian Russell, B.Sc. - - - - -	1945
Chappell, John Graham, B.Sc. - - - - -	1950	Clarke, Harold Vernon, B.D.S. - - - - -	1934
†Chappell, William Thomas, M.B., B.S. - - - - -	1953	Clarke, Miles de Courcy, M.B., B.S. - - - - -	1942
Chapple, Alfred, B.Sc. - - - - -	1894	Clarke, Phil Gregory, B.A. - - - - -	1948
Chapple, Colin Frederic, M.B., B.S. - - - - -	1936	Clarke, Reginald Harry, B.Sc. - - - - -	1938
Chapple, Harold, B.Sc. - - - - -	1900	B.A. - - - - -	1942
Chapple, Phoebe, B.Sc. - - - - -	1898	Clarkson, Alan James, M.B., B.S. - - - - -	1934
M.B., B.S. - - - - -	1904	Clarkson, Colin Lloyd, B.Sc. - - - - -	1950
Chard, June Myra, M.B., B.S. - - - - -	1947	Clayton, Arthur Ross, M.B., B.S. - - - - -	1902
†Charlesworth, George Harvey, B.A. - - - - -	1953	Cleggett, Edith, B.A. - - - - -	1921
Charlesworth, Thomas William, M.A. - - - - -	1932	Cleland, Elizabeth Robson, M.Sc. - - - - -	1935
Chartres, Bruce Alwyn, M.Sc. - - - - -	1953	Cleland, Joan Burton, M.Sc. - - - - -	1947
Cheek, Allison Mary, B.A. - - - - -	1949	Cleland, John Burton, M.B. (Sydney, 1902) - - - - -	1902
Cheek, Bruce Mansfield, M.A. - - - - -	1949	Cleland, Margaret Burton, M.B., B.S. - - - - -	1932

* Deceased.

† Not yet Members of the Senate.

Close, Maynard Davidson, B.A.	- - -	1938	†Cook, Hugh David, M.B., B.S.	- - -	1953
Close, Ronald Wilkinson, B.Sc.	- - -	1929	Cooke, Allan George, B.E.	- - -	1945
Close, Rosemary Jocelyn, M.B., B.S.	- - -	1947	B.Sc.	- - -	1952
Close, Walter John Westcott, M.S.	- - -	1929	Cooke, Barbara Terment, B.Sc.	- - -	1936
(M.B., B.S., 1913)	- - -	1929	Cooke, Florence Emmeline, Mus.Bac.	- - -	1900
Coaldrake, John Edward, M.Sc.	- - -	1951	Cooke, Frank Edward, B.Sc.	- - -	1950
Coates, Dorothy Havelle, M.B., B.S.	- - -	1949	Cooke, Peter Terment, B.Sc.	- - -	1931
Coates, John Richard, M.B., B.S.	- - -	1944	Cooke, Raymond Greayer, M.Sc.	- - -	1938
Coats, Claude Hampson, M.A.	- - -	1920	Cooke, William Terment, D.Sc.	- - -	1905
Coats, Douglas Alan, M.B., B.S.	- - -	1946	Cooling, Max Sylvester, M.D., B.S.	- - -	1944
Coats, Geraldine Dulcie, B.Sc.	- - -	1951	Coombe, Alec Holloway, M.A.	- - -	1933
†Cock, Alexa Beatrice, B.A.	- - -	1921	Coombe, Bryan George, B.Ag.Sc.	- - -	1948
†Cock, Herbert Edward, B.D.S.	- - -	1941	Coombe, Harold Robert, B.D.S.	- - -	1923
†Cock, Leonard Ambrose, M.B., B.S.	- - -	1932	Coombe, Murray Taylor, B.Sc.	- - -	1942
Cockburn, Malcolm Turner, M.D.	- - -	1934	Coombe, Reginald Joseph, LL.B.	- - -	1923
(M.B., B.S., 1925)	- - -	1934	Coombe, Robert John, B.D.S.	- - -	1950
Cockburn, Patricia, B.A.	- - -	1944	Coombe, Samuel Walter, B.A.	- - -	1919
Cockburn, Patrick, M.B., B.S.	- - -	1914	†Coombe, Toderick Edward, B.D.S.	- - -	1952
Cockburn, Robert Forbes, B.E.	- - -	1933	Cooper, Adrian Harry Campbell, B.A.	- - -	1935
Cocks, Alan Malcolm Vavdrey, M.B., B.S.	- - -	1946	Cooper, Constance May, M.B., B.S.	- - -	1904
Cocks, Alec Douglas, B.D.S.	- - -	1924	Cooper, Donald Counter, M.B., B.S.	- - -	1921
Cocks, Alfred Sydney de Bohun, M.S.	- - -	1939	Cooper, Kenneth Francis, M.B., B.S.	- - -	1929
(M.B., B.S., 1925)	- - -	1939	Cooper, Maxwell, B.Sc.	- - -	1950
†Cocks, Bruce Gordon, B.D.S.	- - -	1952	Cooper, Thomas Edwards, B.E.	- - -	1922
Cocks, Edward Desmond, M.B., B.S.	- - -	1942	Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered for B.E., 1913)	- - -	1913
Cocks, Sydney Gordon, B.D.S.	- - -	1925	Coote, George Gilbert, B.Sc.	- - -	1931
†Coffey, Dennison Dean, LL.B.	- - -	1953	B.A.	- - -	1939
†Coggins, Harold Douglas, B.Sc.	- - -	1951	†Cooter, Robert Benjamin, M.B., B.S.	- - -	1952
Coggins, Robert Symes, B.Sc.	- - -	1949	Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	- - -	1948
Coghlan, Marie Teresa Clare, B.A.	- - -	1928	Corbin, Cecil, M.B., B.S.	- - -	1894
Cohen, Alexander Kevin, M.B., B.S.	- - -	1950	Corbin, Clive Wilson, B.E.	- - -	1932
Cohen, Lena Sybil, B.A.	- - -	1934	Corbin, Horace Hugh, B.Sc. (London, 1904)	- - -	1918
Colby, Eunice Mary, B.Sc.	- - -	1949	Corbin, John Ogilvie, M.B., B.S.	- - -	1933
†Cole, Anthony Haslam, B.Sc.	- - -	1953	Corbin, Katherine Anne, LL.B.	- - -	1941
Cole, Cyril Richard, B.Sc.	- - -	1914	Cormier, Kathleen, B.A.	- - -	1943
Cole, Reuben Herbert George, B.Sc.	- - -	1950	†Cornelius, Muriel Merle, B.A.	- - -	1951
Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	- - -	1947	Cornell, James Gladstone, M.A. (Melbourne, 1928)	- - -	1938
Cole, Thomas Haslam, LL.B.	- - -	1922	Corney, Eric Ronald, M.A.	- - -	1937
Colebatch, Gordon Thomas, B.E.	- - -	1932	Cornish, Alan Alfred Ernest, B.E.	- - -	1939
†Colebatch, Hal John Hester, M.B., B.S.	- - -	1951	Cornish, Anne Claire, B.A.	- - -	1949
Colebatch, John Houghton, M.B., B.S.	- - -	1933	Cornish, Brian Leslie, M.B., B.S.	- - -	1947
Colebatch, Walter John, B.Sc. (Edinburgh, 1903)	- - -	1906	Cornish, Edmund Alfred, D.Sc.	- - -	1951
Coleman, Arthur Paul, B.E.	- - -	1948	Cornish, Jack Rodolph, LL.B.	- - -	1928
Coleman, Arthur Philemon, M.A. (Victoria University, Canada, 1880)	- - -	1914	Cornish, John Edwin, B.Sc.	- - -	1943
Coleman, Isobel Beryl Jean, B.A.	- - -	1939	Cornish, Joseph Ruskin, M.B., B.S.	- - -	1923
†Coleman, James Terence, LL.B.	- - -	1952	Corpe, John Wood, B.E.	- - -	1935
Coleman, Margaret Christine, B.A.	- - -	1945	†Correll, Shirley Edith, B.A.	- - -	1953
Coles, Margaret Elizabeth, B.Sc.	- - -	1945	Corry, Samuel Lloyd, M.B., B.S.	- - -	1910
Coles, Mignonette, B.A.	- - -	1912	Cosgrove, Bernard Augustin, B.A.	- - -	1942
Coles, Philip Douglas, B.A.	- - -	1936	Cosh, Elma, B.A.	- - -	1944
Collins, Charles Vincent, B.A.	- - -	1931	Cosh, James Malthouse, B.A.	- - -	1943
Collins, Frank Miles, M.Sc.	- - -	1952	Cosh, Joyce Rosalind, B.A.	- - -	1949
Collins, Frank Sandford, B.E.	- - -	1942	Cottell, Dorothy Jean, B.A.	- - -	1940
†Collins, John Malcolm, M.B., B.S.	- - -	1952	Cottew, Geoffrey Selkirk, B.Sc.	- - -	1949
Collins, Leslie William Nettell, B.E.	- - -	1931	Cotton, James Murray, M.B., B.S.	- - -	1926
Collins, Marjorie Isabel, B.Sc. (Sydney, 1916)	- - -	1918	†Cotton, John Carrington, B.Sc.	- - -	1951
Collison, Edith, B.Sc.	- - -	1900	Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered)	- - -	1949
Colman, William Russell Goodwin, B.E.	- - -	1922	Cottrell, Eric, B.E.	- - -	1935
Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929)	- - -	1933	Coulls, Brian Helston, B.Sc.	- - -	1950
Colton, John Blacker, LL.B.	- - -	1941	†Counsell, Ruth Kingsley, B.A.	- - -	1951
Colton, Robert Stirling, M.B., B.S.	- - -	1944	Couche, Raymond Arthur, B.Sc.	- - -	1949
Colville, Arthur Landseer, LL.B.	- - -	1905	Coventry, Cameron Hilder, B.Sc.	- - -	1900
Colville, John Stuart, B.Sc.	- - -	1948	Covertton, John Selby, M.D. (M.B., B.S., 1931)	- - -	1947
Comley, Charles Herbert, M.A.	- - -	1906	Cowan, Darcy Rivers Warren, M.B., B.S.	- - -	1908
B.Sc.	- - -	1910	Cowan, George Dalrymple, LL.B.	- - -	1911
Conant, James Bryant, D.Sc. (Sc.D. Columbia)	- - -	1951	Cowan, Leslie Thompson, B.Sc.	- - -	1907
Condon, Robert Francis, B.Sc.	- - -	1940	Cowan, Robert Francis, B.A.	- - -	1912
M.B., B.S.	- - -	1946	Cowan, Ronald William Trafford, B.A.	- - -	1936
†Connor, Brian Anthony, M.B., B.S.	- - -	1953	Cowan, William Albert, M.A. (N.Z., 1930)	- - -	1934
†Connor, John Leo, B.A.	- - -	1935	Coward, Ivan Fernley, B.Ec., 1940, B.A.	- - -	1951
†Conroy, Keith Douglas, B.E.	- - -	1952	Cowden, Kenneth Laurence Brooke, M.B., B.S.	- - -	1932
Conybeare, William James, B.A. (Cambridge, 1894)	- - -	1895	Cowell, Dorothy Margaret, B.A.	- - -	1941
†Cook, Adrian Hartley, B.A.	- - -	1952	Cowell, Geoffrey Reginald, B.Sc.	- - -	1922
†Cook, Ernest Peter, B.E.	- - -	1929	Cowell, James Richard, B.A.	- - -	1939
†Cook, Gordon James, B.Ec.	- - -	1941			

† Not yet Members of the Senate.

Cowley, George Russell, B.E. - - -	1949	†Cunningham, Mark Laurence, M.B.	
Cowley, John Maxwell, M.Sc. - - -	1945	B.S. - - - - -	1953
Cowling, Brian Deucalion, M.B., B.S. -	1948	Curry, Allan Ralph, B.E. - - - - -	1949
Cowling, Gordon Aubrey, B.E. - - -	1928	Cussen, Nan Woodforde, B.A. - - - -	1935
Cowling, Lionel Deucalion, M.B., B.S.	1923	Custance, Harold Maxwell, B.Sc. - - -	1941
Cowperthwaite, Elsie Eleanor, M.A. -	1906	Custance, John Kentish, B.E. - - - -	1947
Cox, Alwyn Birchmore, M.Sc. - - - -	1932	†Cuthbertson, Kenneth John MacKenzie,	
†Cox, Brian Rothwell, LL.B. - - - -	1953	B.Ag.Sc. - - - - -	1953
Cox, Carlton Ingham, B.Sc. - - - -	1929		
Cox, David Vassall, Mus.Bac. - - - -	1936	D.	
Cox, David William, B.Sc. - - - -	1934	Dack, Thomas, B.A. - - - - -	1936
†Cox, Norman Charles, B.E. - - - -	1951	Daddow, Henry Howard, B.A. - - - -	1940
Cox, Ronald Frank, B.E. (Interim B.Sc.		Daenke, Lachlan Lewis, B.D.S. - - - -	1950
(Eng.), 1947, surrendered) - - - -	1948	†Daily, Brian, B.Sc. - - - - -	1952
Cox, Rudolph William Arthur, B.E. -	1921	Dallwitz, Walter Berthold, B.A. - - -	1940
Crabbe, Gavin Murray, M.B., B.S. -	1927	M.Sc. - - - - -	1943
Crafter, Kenneth Charles, M.B., B.S. -	1944	Daltry, Kate, M.A. - - - - -	1924
Craig, William Alexander, B.E. - - -	1950	†Daly, David James, M.B., B.S. - - - -	1952
†Craker, David Lindsay, B.Sc. - - - -	1951	†Daly, Lawrence John, B.E. - - - - -	1951
Cramond, Kelvin Malcolm (Interim		†Daly, Lewis John, B.A. - - - - -	1953
B.Sc. (Eng.), 1942, surrendered),		Dalziel, Lawrence Henry, B.A. - - - -	1949
B.E. - - - - -	1945	Daniell, Aileen Edna, B.A. - - - -	1950
†Cramond, Margaret Mary Alyn, B.A. -	1952	Darling, Leslie Hayward, M.Sc. - - - -	1949
Crampton, Mary Hope St. Clair, M.A.	1926	Darragh, Peter John, B.Sc. - - - -	1950
Cran, James Alexander, M.D.S. - - -	1952	Dart, Ralph John, B.E. - - - - -	1915
Crane, Alexander Herbert, B.Sc. - - -	1926	Darwin, Errol Raffael Henry, B.Sc. - -	1907
Crane, Greta Ruby, B.E. - - - - -	1937	Darwin, Lisle Julius, M.A. - - - - -	1910
†Cranley, Patrick, M.B., B.S. - - - -	1952	†Davenport, John, M.B., B.S. - - - -	1952
Craton, Patricia Clarice, B.A. - - -	1948	Davey, Constance Muriel, M.A. - - - -	1918
Craven, David Edward, M.B., B.S. -	1943	Davey, Esther Marion, B.Sc. - - - -	1915
Crawford, Lionel Payne, M.A. (Oxford,		Davey, Laurence Llewellyn, M.B., B.S.	1919
1890) - - - - -	1897	Davey, Roy Herbert, B.Sc. - - - - -	1920
Creed, Philip John, M.B., B.S. - - -	1950	David, Daniel Arthur, M.A. - - - - -	1930
Cresswell, Edwin Fletcher, B.E. - - -	1927	†David, John Fairhall, B.A. - - - - -	1952
Cresswell, George Edwin, LL.B. - - -	1939	†Davidson, James Logie, B.Ag.Sc. - - -	1953
Cresswell, Reginald Gilbert Dorrien,		†Davidson, Robert Thomas, M.B., B.S.	1951
LL.B. - - - - -	1937	Davidson, Roy Laidlaw, B.A. - - - -	1907
Crisp, Brian Correll, M.D.S. - - - -	1952	Davies, Clive Runnalls, B.A. - - - -	1909
Crisp, Charles Stephens, B.Sc. - - -	1948	Davies, David Llywelyn, M.B., B.S. -	1943
Crisp, John Douglas Correll, B.E. - -	1950	†Davies, Donald Laurence, B.E. - - - -	1951
Crisp, Leslie Finlay, M.A. - - - - -	1948	Davies, Ernest Salter, M.A. (Oxford)	1937
Crisp, Margaret Emily, M.Sc. - - - -	1950	Davies, Myfyr Bryn, M.A. (Oxford,	
Crocker, Dudley Furneaux, B.E. - - -	1939	1941) - - - - -	1953
Crocker, Robert Langdon, D.Sc. - - -	1948	°Davies, Natalia, B.A. - - - - -	1930
Crocker, Walter Russell, B.A. - - - -	1925	†Davies, Norma Esther, M.B., B.S. - -	1953
†Croft, Edwin George, LL.B. - - - -	1952	Davies, Peter Owen Alfred Lawe, B.E.	
Croker, Annie Isobel, B.A. - - - - -	1934	(Sydney, 1947) - - - - -	1951
Cromer, D'Arcy Ananda Neil, M.Sc. -	1935	Davies, Rodney Deane, M.Sc. - - - -	1953
Crompton, David Owen, M.B., B.S. -	1939	Davies, Sheila Caroline, B.A. - - - -	1948
Crompton, James Woodhouse, B.E. (In-		Davies, William Laurence, B.A. - - - -	1914
terim B.Sc. (Eng.), 1944, surrend-		Davis, Christine Joyce, B.A. - - - -	1937
ed) - - - - -	1949	†Davis, Clive, B.Sc. - - - - -	1951
Crompton, Robert Woodhouse, B.Sc. -	1948	Davis, David, B.A. - - - - -	1906
Crook, Marjorie Marion, B.A. - - - -	1940	Davis, Edward Bruce, B.Sc. - - - -	1949
Crook, Richard Dallas, B.Sc. - - - -	1940	Davis, Harold Julian, M.B., B.S. - -	1927
†Crook, Walter Ralph, B.E. - - - - -	1953	Davis, Henry Hargan, B.E. (Sydney,	
Cropley, Frederick Waterton, B.E. -	1932	1943) - - - - -	1947
Crosby, Melville Alexander Keith, M.E.	1944	Davis, Hubert Garth, M.B., B.S. - - -	1937
Crosby, Neil Daniel, M.D. (M.B., B.S.,		Davis, John Alexander, B.E. - - - -	1929
1935) - - - - -	1951	Davis, Kingsley, B.E. - - - - -	1950
Crosby, Raymond Wilbur Louis, M.B.,		Davis, Ray, B.Sc. - - - - -	1915
B.S. - - - - -	1940	Davis, Robert Bruce, B.A. - - - - -	1948
Croucher, Colin, M.B., B.S. - - - -	1950	†Davis, Robert George, B.Sc. - - - -	1951
Crouchley, Jim, M.Sc. (B.Sc., W.		Davison, Gordon William, B.A. - - - -	1931
Aust.) - - - - -	1945	Davoren, John Joseph, LL.B. - - - -	1922
†Crowe, Brian Rooney, LL.B. - - - -	1952	†Davy, Arthur Francis, B.D.S. - - - -	1951
†Crowe, Elizabeth Mary, B.A. - - - -	1951	Daw, Francis Alan, B.Sc. - - - - -	1945
Crozier, John Edwin Digby, M.D.		Dawbarn, Mary Campbell, M.Sc. - - -	1928
(Cambridge, 1931) - - - - -	1932	Dawkins, Albert Norman, B.E. - - - -	1922
Cruikshank, Donella Heather, M.Sc. -	1943	Dawkins, Alec Letts, M.B., B.S. - - -	1927
Crump, Cecil Charles, LL.B. - - - -	1923	Dawkins, Alfred Ernest, B.Sc. - - - -	1912
B.A. - - - - -	1935	Dawkins, Donald Campbell, M.B., B.S.	1939
°Cudmore, Sir Arthur Murray, M.B.,		Dawkins, Lindsay Cramp, B.E. - - - -	1932
B.S. - - - - -	1894	Dawkins, Margaret Ina, B.A. - - - -	1938
Cudmore, Collier Robert, B.A. (Oxford,		Dawkins, Sydney Letts, M.B., B.S.	
1909) - - - - -	1932	(Edinburgh, 1899) - - - - -	1920
Cullity, Thomas Brendan, M.B., B.S.	1947	Dawson, Alfred Lisle, B.Sc. - - - -	1926
Culshaw, George Vincent, LL.B. - - -	1927	Dawson, David Lancelot, B.A. - - - -	1934
Culver, Dorothy Evelyn, B.Sc. - - - -	1945	Dawson, Geoffrey Dean, B.E. - - - -	1937
Culver, Robert, B.E. (Interim B.Sc.		Dawson, Joseph Bernard, M.D. (Lon-	
(Eng.), 1947, surrendered) - - - -	1949	don, 1911) - - - - -	1920
B.Sc. - - - - -	1949	Dawson, Michael Dean, M.B., B.S. - -	1942
Culver, Roy Vernon, B.Sc. - - - -	1940	Day, Alison Chapman, B.Sc. - - - -	1947
		Day, Allan John, M.Sc. - - - - -	1950

° Deceased.

† Not yet Members of the Senate.

†Day, Graham John, B.D.S. - - - -	1951	Dorsch (nee Heyne), Agnes Marie	
Day, John Bice, B.D.S. - - - -	1944	Johanna, B.A. - - - -	1891
Day, Kathleen Emily, B.Sc. - - - -	1931	Dorsch, Ernst Georg, B.A. - - - -	1915
Day, Robert Sydney, M.B., B.S. - - - -	1934	Dorsch, Magdalene Hedwig, B.A. - - - -	1926
Deam, Robert Joseph, B.Sc. - - - -	1942	Dorsch, Theodor Siegfried, B.A. - - - -	1933
Deans, Absalom, B.A. - - - -	1912	Dorsch, Wilhelm Bernhard, M.B., B.S.	1933
Dearlove, Thomas Pearce, M.B., B.S.	1942	Doudy, Cecil Roy, LL.B. - - - -	1906
Dearman, Cyril Henry, B.E. - - - -	1950	Douglas, Donald Robin, B.Sc. - - - -	1949
De Boehme, Cecil Brooks, LL.B. - - - -	1931	Douglas, Francis John, M.B., Ch.B.	
†De Cean, Neil, B.E. - - - -	1951	(Melbourne, 1897) - - - -	1898
Deer, John Gregory, B.Sc. - - - -	1948	Douglas, Hugh Matheson, M.B., B.S. - - - -	1947
Deer, William Henry, B.E. - - - -	1950	Douglas, Robert Langton, M.A. (Ox-	
Deland (nee Robjohns), Annie Joan,		ford, 1891) - - - -	1900
B.A. - - - -	1923	Douglas, Sholto John, M.B., B.S. - - - -	1930
Deland, Charles Mervyn, M.B., B.S. - - - -	1924	†Dow, Ian Baird, LL.B. - - - -	1953
Deland, Raymond John, B.Sc. - - - -	1947	Dow, William Harold John, B.Sc. - - - -	1949
Dellow, Peter Glynn, B.D.S. - - - -	1949	Dowding, Alan Lorimer, B.Sc. - - - -	1950
Delmont, William George, B.D.S. - - - -	1932	Dowdy, Norman James, B.A. - - - -	1948
Delprat, Lica, M.B., B.S. - - - -	1910	Dowie, David Lincoln, M.E. - - - -	1935
Delprat, Mary Johanna Alberta Theo-		Dowling, Donald Augustus, M.B., B.S.	1923
dora, M.B., B.S. - - - -	1909	Downey, Donnell Raymond, LL.B. - - - -	1930
Dempsey, Richard Francis, LL.B. - - - -	1888	†Downing, Bruce Jacob, M.B., B.S. - - - -	1953
†Denby, Ernest Frank, B.Sc. - - - -	1951	*Downing, Donald Lewis, B.Sc. - - - -	1944
Dennis, Alan Henry, B.A. - - - -	1936	†Downing, Robert Gregory, M.B., B.S.	1952
Dennis, Edwin, B.Sc. - - - -	1950	Downs, Benjamin, M.E. (Liverpool,	
†Denis, William Norman, B.Sc. - - - -	1951	1947) - - - -	1949
Denton, Noel Fletcher, M.B., B.S. - - - -	1945	Downs, George William, B.A. - - - -	1947
Derrington, Arnold Ward, M.B., B.S. - - - -	1947	Downs, Howard Albert, B.A. - - - -	1949
Devaney, Helen, LL.B. - - - -	1942	Doyle, Leo James, LL.B. - - - -	1931
de Vidas, Jack, M.B., B.S. - - - -	1938	Drabsch, Alfred Felix, B.A. - - - -	1941
†Dev, Ian Albert, B.Sc. - - - -	1953	Draper, Fred, B.Sc. - - - -	1924
Dewar, Colin Chudleigh, M.B., B.S. - - - -	1949	Draper, Morrell Henry, M.B., B.S. - - - -	1944
†Dewar, Donald Gordon, B.E. - - - -	1952	†Draper, Neil, B.E. - - - -	1953
Dewar, John, B.Sc. (Eng.) - - - -	1945	Drever, Donald Edward, M.B., B.S. - - - -	1926
†Diamond, Arthur Ian, B.A. - - - -	1952	†Drever, Ian Campbell, M.B., B.S. - - - -	1951
Dickson, Warren, B.A. - - - -	1949	Drew, Charles Francis, M.B., B.S. - - - -	1911
Dibden, Frederick Andrew, M.B., B.S.	1941	Drew, David Charles Roskilly, B.E.	
Dibden, William Andrew, M.B., B.S.	1939	(Interim B.Sc. (Eng.), 1944, surren-	
Dick, Gordon Stuart Blyth, B.Sc. - - - -	1923	dered) - - - -	1947
Digance, James Roy, B.A. - - - -	1945	†Drew, Michael John Roskilly, M.B.,	
Diggle, John Nelson, M.B., B.S. - - - -	1946	B.S. - - - -	1951
Dilworth, Nerida Margaret, M.B., B.S.	1950	Dridan, Julian Randal, B.E. - - - -	1922
†Dineen, Desmond Patrick, M.B., B.S.	1952	Driscoll, Hilda Marion, B.A. - - - -	1908
†Dineen, John Kenneth, B.Sc. - - - -	1951	Drummond, Euphemia Gibb, B.A. - - - -	1923
†Dinham, Charles Anthony, B.E. - - - -	1952	Ducray, Oliver Francis, B.E. (Interim	
Dinning, Alfred Ernest, B.A. - - - -	1915	B.Sc. (Eng.), 1942, surrendered) - - - -	1947
Dinning, Rodney Alfred Brady, B.A. - - - -	1950	Ducray, Suzette Eleanor, M.B., B.S. - - - -	1949
Dinning, Trevor Alfred Ridley, M.B.,		†Dudley, Keith, B.E. - - - -	1953
B.S. - - - -	1942	Duffield, Kenneth Churchill, LL.B. - - - -	1925
Disher, Ian MacKinnon, B.D.S. - - - -	1943	†Duffy, Ross Martin, LL.B. - - - -	1951
Dix, Alfred James, B.E. - - - -	1930	Duguid, Charles, M.B., B.S. (Glasgow,	
Dixon, Lyall Douglas, M.A. - - - -	1931	1909) - - - -	1920
Dobson, Lesbia Constance Alma, B.A.	1947	Duguid (nee Lade), Phyllis Evelyn,	
Dodd, Leslie, B.A. - - - -	1947	B.A. - - - -	1925
Dodd, Robert Hedley, B.A. - - - -	1931	Duguid, William George, M.B., B.S. - - - -	1948
†Doddridge, Albert Keith, M.B., B.S. - - - -	1953	Dumas, Russell John, M.E. (B.Sc.	
Dodwell, George Frederick, B.A. - - - -	1905	1909, surrendered for B.E., 1913) - - - -	1931
Dohnt, Brian Ray, B.Sc. - - - -	1945	Duncan, James Playford, B.E. - - - -	1941
Doley, Maurice Edward, B.E. - - - -	1939	Duncan, Keith Sinclair, B.E. - - - -	1922
†Dolling, Charles Hoani Scott, B.Ag.Sc.	1951	†Duncan, Robert Allan, B.Sc. - - - -	1951
Dolling, Eleanor Ngaire, B.Sc. - - - -	1950	†Duncan, Robert Lawrence, B.E. - - - -	1951
Doman, Frederick Spencer Howe,		Duncan, Ross, M.A. - - - -	1952
M.B., B.S. - - - -	1949	Duncan, Walter George Keith, Ph.D.	
Donald, Colin Malcolm, M.Ag.Sc.		(London, 1930) - - - -	1951
(B.Sc. Agric. Sydney, 1933) - - - -	1939	Duncan-Hughes, John Grant, M.A.	
Donaldson, Arthur, B.A. - - - -	1881	(Cambridge, 1910) - - - -	1910
Donaldson, George, B.A. - - - -	1882	Dungey, Kevin Leonard, B.A. - - - -	1943
Donaldson, Muriel Grace, B.A. - - - -	1934	Dunhill, Sir Thomas Peel, M.D. (Mel-	
Donnellan, Teresa Marie, B.A. - - - -	1945	bourne, 1906) - - - -	1935
Donnelly, Thomas Hewson, M.B., B.S.	1937	Dunlvie, Ellen Emily, B.A. - - - -	1927
Donnelly, Thomas Hugh, M.B., B.S. - - - -	1911	†Dunlop, Colin Wesley, B.Sc. - - - -	1952
*Donnithorne, William, LL.B. - - - -	1926	†Dunlop, Walter James, B.A. - - - -	1952
Donovan, Francis Patrick, LL.B.		†Dunn, David Everson, M.B., B.S. - - - -	1951
(B.C.L., Oxford) - - - -	1952	Dunn, Edith Marie, B.A. - - - -	1940
Donovan, Mortimer Edward, M.B.,		†Dunn, John Edgar, M.B., B.S. - - - -	1952
B.S. - - - -	1946	Dunn, Sydney Stephen, B.A. - - - -	1947
Doolan, Ernest Joseph, B.A. - - - -	1944	Dunn, Talbot Lewis, M.B., B.S. - - - -	1927
†Doolette, John Barton, B.Ag.Sc. - - - -	1951	Dunne, Lawrence John, B.Sc. - - - -	1947
†Dore, Frederick Arthur, B.Sc. - - - -	1951	Dunning, John Angus, M.A. (Oxford,	
Dorman, David Charles, B.Sc. - - - -	1950	1937) - - - -	1950
Dorman, John Ernest, M.B., B.S. - - - -	1940	†Dunstan, Bruce Henderson, B.D.S. - - - -	1951
Dornweil, Edith Emily, B.Sc. - - - -	1885	Dunstan, Donald Allan, LL.B. - - - -	1949
		Dunstan, Ian Henderson, B.D.S. - - - -	1950
		†Dunstan, Richard English, M.B., B.S. - - - -	1951

* Deceased.

† Not yet Members of the Senate.

Dunstone, Glen Donald, B.D.S. - - - -	1946	Ellis, Ronald Dudley, B.E. - - - -	1947
Dunstone, John Leonard, M.B., B.S. - -	1939	Ellis, Roy Gilmore, B.D.S. - - - -	1926
Dunstone, Max Warwick, M.B., B.S. - -	1948	†Elms, Valerie Lois, M.B., B.S. - - -	1952
Dunstone, Sydney Morgan Lewis, M.B. B.S. - - - - - - - - - -	1939	Emery, Warren Frederick, M.B., B.S.	1946
†Durdin, Ronald Walter, B.E. - - - -	1951	England, Clarence William, M.B., B.S.	1925
†Durham, James Graham, M.B., B.S. - -	1951	†England, Ernest Bert, M.B., B.S. - -	1952
DuRieu, Beverley Robertson, B.Sc. - -	1949	†England, Ernest James, M.B., B.S. -	1951
Dutton, Alan Hewitt, B.E. - - - -	1938	England, Harold Norman, B.Sc. - - -	1925
Dutton, Alice Irene, M.B., B.S. - - -	1940	England, Harry Clement, B.E. - - -	1930
Dutton, Gilbert Henry, B.Sc. (Wales, 1902) - - - - - - - - - -	1921	Erichsen, Matthias, M.B., B.S. - - -	1903
Dutton, Geoffrey Piers Henry, B.A. (Oxford, 1949) - - - - - - - -	1953	Espie, Frank Fancett, B.E. - - - -	1913
Dwyer, John Matthew, M.B., B.S. - - -	1928	Espie, Frank Fletcher, B.E. - - - -	1947
†Dyer, Bruce Herbert, B.E. - - - - -	1951	Eustace, John Leonard, B.D.S. - - -	1921
†Dyer, James Ross, B.E. - - - - - - -	1951	†Evans, Dene, B.E. - - - - - - - -	1951
†Dyster, Thomas, B.A. - - - - - - - -	1953	Evans, Eric Laurence, B.A. - - - - -	1930
E			
Eardley, Constance Margaret, M.Sc. - -	1949	†Evans, Geoffrey Gordon Llewellyn, B.D.S. - - - - - - - - - -	1951
Eardley, Frederick William, B.A. - - -	1913	Evans, George Richard, B.E. - - - -	1937
Earl, Dorothy Elizabeth, B.A. (Lon- don, 1915) - - - - - - - - - -	1917	Evans, John William, M.A. (Cam- bridge, 1931) - - - - - - - - - -	1932
Earl, John Alfred, M.B., B.S. - - - -	1949	†Evans, Kenneth Alan Greig, M.B., B.S.	1953
Earl, John Campbell, D.Sc. - - - - -	1926	Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929) - - - - - - - - - -	1943
†Earle, Ronald Frank, B.E. - - - - -	1952	Evans, Owen Ross, B.E. - - - - - - -	1950
East, Vernon Roy, B.A. - - - - - - -	1943	Evans, Walter Alfred Wyke, B.D.S. - -	1928
Eberhard, Sydney Thomas, B.Sc. - - -	1944	Evans, Wilfred Robert, B.E. - - - -	1924
†Eben, Colin Dominic, B.D.S. - - - - -	1951	Everard, Betty Ann, B.Sc. - - - - -	1945
Eckersley, Arnold Broughton, B.D.S. -	1938	*Everard, James Edward, M.B., B.S. -	1910
Eckersley, Percy Cyril Wheaton, B.A.	1921	Evershed, The Right Honourable Sir Francis Raymond, P.C., LL.D. (Mel- bourne, 1951) - - - - - - - - - -	1951
Eddy, David Rendall, B.Sc. - - - - -	1949	Ewens, John Qualtrough, LL.B. - - - -	1929
Eddy, James Robert, B.Sc. (Eng.) - -	1942	Ewers, Keith Ambrose, B.Sc. - - - -	1949
Edelman, Howard John, M.B., B.S. - -	1939	Ewers, William David, B.A. - - - - -	1934
Eden, Owen Frederick, B.Sc. - - - - -	1947	Excell, John Eliot, B.E. - - - - - -	1940
Edeson, Emily Geraldine, M.A. (Mel- bourne, 1895) - - - - - - - - - -	1902	Ey, Geoffrey Thomas, M.B., B.S. - - -	1947
Edgar, Robert Steel, M.Sc. - - - - -	1945	Eyles, Helen Mary, B.Sc. - - - - -	1943
†Edge, Robert Harold, B.Sc. - - - - -	1952	Eyles, Philip Sydney, M.B., B.S. - - -	1942
Edgeloe, Victor Allen (Clerk of the Senate), B.A. - - - - - - - - - -	1932	B.A. - - - - - - - - - - - - - -	1949
Edgerly, Margaret Janetta, B.A. - - -	1927	F	
Edgerly, Mark William, B.Sc. - - - - -	1950	Fahey, John Kevin, B.E. - - - - - - -	1950
Edmonds, Stanley Joe, M.Sc. - - - - -	1947	†Fahy, Frederick Edward, B.E. - - - -	1953
B.A. - - - - - - - - - - - - - -	1935	Fairley, James, M.B., B.S. - - - - -	1941
*Edwards, Allan Kingswood Morgan, B.Sc. - - - - - - - - - - - - - -	1930	Fairley, Neil Hamilton, M.D. (Mel- bourne, 1917) - - - - - - - - - -	1949
Edwards, Gordon Robert, B.Ag.Sc. - -	1949	Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered for B.E., 1913) -	1913
Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S. 1921) - - - - - - - - - -	1923	Fairweather, Edna May, B.A. - - - - -	1932
Edwards, Karl Francis, M.B., B.S. - -	1932	Falkenberg, Walter Edwin, B.A. - - -	1940
Edwards, Naomi June, B.D.S. - - - - -	1944	Farmer, Helen Robinson, B.A. - - - -	1945
†Edwards, Pamela Julie, M.B., B.S. - -	1951	Farnell, Leila Mavis, B.A. - - - - -	1933
Edwards, Shirley Blanche, B.Sc. - - -	1944	Farr, Alan Pembroke, B.A. - - - - -	1950
Edwards, Victor Wilfred Alcorn, B.A.	1948	Farrell, Edward Francis, B.A. - - - -	1940
†Eggleton, David Grosvenor, B.Sc. - -	1952	Farrent, Thomas Albert, B.Sc. - - - -	1923
Eglinton, Margi Stewart, B.Sc. - - - -	1945	B.E. - - - - - - - - - - - - - -	1924
Ehmcke, Freda Evelyn, M.B., B.S. - -	1931	Farrow, Murray Aubrey, B.A. - - - -	1945
Eimer, George Herman, B.E. - - - - -	1937	Faunce, Marcus de Laune, M.B., B.S.	1946
Elder, Audrey Olive, B.A. - - - - - -	1945	Fawcett, Wilfred D'Arcy, B.E. - - -	1929
Eldridge, David Melbourne, M.B., B.S.	1948	Featherstone, Dora Bewlay, M.A. - -	1932
Eley, Agnes May, B.A. - - - - - - -	1944	Fechner, Martin Johann Traugott, B.A.	1937
Eley, John Robert, B.Sc. - - - - - - -	1947	Fehlberg, Tasman Julius August, B.A.	1932
Elford, Harold Stewart, B.E. - - - - -	1925	Felgenhaur, Robert Frederick, B.A. -	1949
†Elford, Malcolm Thomas, B.Sc. - - - -	1953	Fenner, Charles Albert Edward, D.Sc. (Melbourne, 1917) - - - - - - - -	1920
Elford, William Graham, B.Sc. - - - -	1947	Fenner, Frank John, M.D. (M.B., B.S., 1938) - - - - - - - - - - - - - -	1942
Elix, David Llewellyn, B.E. - - - - -	1939	Fenner, William Greenock, B.E. - - -	1945
Elix, Robert Hugo, M.B., B.S. - - - -	1938	Fenwick, Aline Mary, LL.B. - - - - -	1944
Elliott, Brian Robinson, B.A. - - - - -	1931	Ferguson, Andrew, B.Sc. - - - - - -	1904
*Elliott, Keith, LL.B. - - - - - - - -	1934	Ferguson, Wilfred John, B.A. - - - -	1930
Elliott, Kenneth Alexander, B.Ag.Sc.	1932	Ferguson, William Rex, B.E. - - - -	1931
Elliott, Lionel John, LL.B. - - - - -	1936	†Fergusson, George Robert, B.A. - - -	1953
Elliott, Murray William, M.B., B.S. - -	1943	Ferres, Helen Mellecent, M.Sc. - - -	1949
Elliott, Ronald Donovan, LL.B. - - - -	1931	†Ferrett, Robert George, LL.B. - - -	1952
Ellis, Annie Rita, B.Sc. - - - - - - -	1905	†Fidock, Dean Henwood, B.E. - - - -	1952
Ellis, Arthur Benjamin, B.A. - - - - -	1911	Field, Frederick Laurence, LL.B. - - -	1936
Ellis, Brian David, B.A. (B.Sc., 1950) -	1953	Fielding, Leonard Edmund, B.E. - - -	1937
Ellis, Bruce Walter, B.A. - - - - - -	1949	Filmer, Kenneth Frederick, B.D.S. - -	1946
Ellis, Charlotte, B.A. - - - - - - - -	1950	Finch, Emily Olive, B.A. - - - - - -	1913
Ellis, Frank, B.E. (B.Sc., 1907, sur- rendered for B.E., 1913) - - - - -	1913	†Finch, Peter Stewart, M.B., B.S. - -	1952
M.A. - - - - - - - - - - - - - -	1913	†Finger, Martyn Rudolph, B.E. - - -	1951
Ellis, Howard John, M.B., B.S. - - - -	1946	†Finlay, Ada Jeanne, B.A. - - - - -	1951

* Deceased.

† Not yet Members of the Senate.

Finlay, Frederic Albert Montague, Mus.Bac. - - - - -	1940	Forgan, Sydney Bayly, M.B., B.S. - - - - -	1926
Finlayson, Allan Harvey, B.E. - - - - -	1932	Forgie, Donald Schollar, B.A. - - - - -	1949
Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922) - - - - -	1936	Formby, Henry Harper, M.B., B.S. (Melbourne, 1900, 1901) - - - - -	1937
Finlayson, Frank Harvey, B.E. - - - - -	1930	Formby, Myles Landseer, M.B., B.S. - - - - -	1924
Finlayson, James Francis, B.Sc. - - - - -	1940	Fornachon, John Charles Macleod, M.Sc. - - - - -	1943
Finn, Beatrice Mary, B.A. - - - - -	1938	Forrest, Waldie William, B.Sc. - - - - -	1948
Finnis, Horace Percy, M.A. (Melbourne, 1910) - - - - -	1922	Forster, William Edward Stanley, LL.B. - - - - -	1950
Finis, John Henry Suffield, M.B. (Edinburgh, 1876) - - - - -	1886	Forsyth, Elliott Christopher, B.A. - - - - -	1947
Fischer, Arthur Frederick, LL.B. - - - - -	1925	Forsyth, Robert Samuel, B.A. - - - - -	1937
Fischer, George Alfred, B.A. - - - - -	1888	Foster, Helen Lesley, B.Sc. - - - - -	1948
Fishburn, Thomas Harold, B.A. - - - - -	1894	Fotheringham, James David, M.B., B.S. - - - - -	1937
Fisher, Anthony Graham, M.B., B.S. - - - - -	1946	Fowler, Dorothy Colyer, B.A. - - - - -	1949
Fisher, Francis Robert, LL.B. - - - - -	1950	†Fowler, James Henry, B.E. - - - - -	1952
Fisher, George Read, B.E. - - - - -	1925	Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946) - - - - -	1951
Fisher, Harry Medcalf, M.B., B.S. - - - - -	1922	Fowler, Russell Aubrey, B.Sc. - - - - -	1919
Fisher, James Hubert Thomas, M.E. - - - - -	1950	†Fox, David Michael, B.D.S. - - - - -	1953
Fisher, Ruben Walter Alfred, B.A. - - - - -	1948	Fox, Ina Alice Owen, M.B., B.S. - - - - -	1938
Fisher, Tryphena Ellen, B.A. - - - - -	1930	Fox, Robert Owen, M.B., B.S. - - - - -	1925
Fisk, Graham Bristow, M.B., B.S. - - - - -	1946	Frahn, Leslie John, M.Sc. - - - - -	1949
Fitch, Rosemary Lamburn, B.A. - - - - -	1949	Francis, Albert Edward John, B.Sc. - - - - -	1949
Fitzgerald, Bartholomew John, B.A. - - - - -	1929	Francis, Vera Eleanor, M.A. - - - - -	1941
†Fitzgerald, Clarence Lindsay, B.A. - - - - -	1952	Francis, Wilfred Galton, B.E. - - - - -	1935
Fitzgerald, Gerald, B.D.S. - - - - -	1932	Fraser, Duncan Lovat Radcliffe, B.Sc. - - - - -	1950
Fitzgerald, Hugh Lawrence, B.A. - - - - -	1940	Fraser, Frederick Christopher, B.D.S. - - - - -	1938
Fitzgerald, James Joseph, M.A. (Melbourne, 1908) - - - - -	1908	Fraser, Harry Lovat, LL.B. - - - - -	1932
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923) - - - - -	1928	Fraser, B.A. - - - - -	1933
†Fitzpatrick, Alan Harding, M.B., B.S. - - - - -	1953	Frayne, Graham Arthur, B.D.S. - - - - -	1933
†Flaherty, Anna Theresa, B.A. - - - - -	1953	Frayne, Harold Bruce, M.D.S. - - - - -	1953
Flaherty, Edward John, B.A. - - - - -	1924	Frayne, John Felix, M.B., B.S. - - - - -	1936
Flaherty, Francis Ignatius, M.B., B.S. - - - - -	1935	Frayne, Max Thorley, B.D.S. - - - - -	1945
†Flaherty, James Aloysius, M.B., B.S. - - - - -	1952	Frayne, Peggy Searle, B.Sc. - - - - -	1945
Flaun, Ernst, M.D. (M.B., B.S., 1941) - - - - -	1944	†Frederick, Esmond Joseph, M.B., B.S. - - - - -	1953
Flecker, Margaret Mabel, M.B., B.S. - - - - -	1932	Freeman, Jef Elliot, B.Sc. - - - - -	1940
Flecker, Patrick Oscar, M.B., B.S. - - - - -	1944	Freestun, William David, B.E. - - - - -	1949
Fleming, Francis John, B.E. - - - - -	1938	French, Alfred, M.A. (Cambridge, 1946) - - - - -	1951
Fleming, Hugh Douglas, B.E. - - - - -	1934	French, Eric Lancelot, M.Sc. - - - - -	1948
Flentje, Noel Thomas, M.Sc., (B.Ag.Sc., Melbourne) - - - - -	1947	French, Reginald James, B.Ag.Sc. - - - - -	1948
†Fletcher, Ann Willoughby, B.A. - - - - -	1953	Freney, Martin Raphael, B.Sc. - - - - -	1930
Fletcher, Sir Frank, M.A. (Oxford, 1893) - - - - -	1936	Frewin, Oscar Westcott, M.B., B.S. - - - - -	1926
Fletcher, Helen Weld, B.A. - - - - -	1933	Frick, Majorie May, LL.B. - - - - -	1934
Fletcher, John Weld, LL.B. - - - - -	1947	Frick, Patricia Marian, LL.B. - - - - -	1938
Fletcher, Malcolm Weld, M.B., B.S. - - - - -	1933	Fricke, Lyall Peterie, B.Sc. - - - - -	1949
Flett, John Stanley, B.Sc. - - - - -	1941	Fricke, B.A. - - - - -	1951
M.B., B.S. - - - - -	1951	Fricke, Norman Meshach, B.E. - - - - -	1933
Flint, Adela Lysander, B.A. - - - - -	1921	Fricke, Vera May, M.A. - - - - -	1932
Flint, Harold Elsdon, M.A. - - - - -	1927	Fridman, Gerald Henry Louis, LL.B. (B.C.L., Oxford, 1949) - - - - -	1953
Flint, Richard Russell, B.E. - - - - -	1942	Frith, Ernest Everard, B.Sc. - - - - -	1949
Florey, Hilda Josephine, M.B., B.S. - - - - -	1912	Fritsch, Eunice Serena, B.A. - - - - -	1947
Florey, Sir Howard Walter, M.D. (M.B., B.S., 1921) - - - - -	1944	Fritsch, Luthilde Clara, B.A. - - - - -	1948
Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924) - - - - -	1950	Frost, Mary Millicent, B.A. - - - - -	1927
*Flower, Clifford Horace Kenneth Dunn, B.Sc. - - - - -	1924	†Fry, Adelaide Elizabeth, LL.B. - - - - -	1953
†Flower, Clifford James McKinnon, M.B., B.S. - - - - -	1953	Fry, Dorothy Gillian, B.A. - - - - -	1945
Flynn, Kevin John, B.A. - - - - -	1938	Fry, Henry Kenneth, B.Sc. - - - - -	1905
Foale, Harold Robert, LL.B. - - - - -	1933	M.D. (M.B., B.S., 1908) - - - - -	1934
†Foord, Peter Maxwell, B.E. - - - - -	1952	Fry, Robert Mason, B.Sc. - - - - -	1947
Foote, George Buchanan, B.Sc. - - - - -	1934	Fuhlbohm, Margaret, B.A. - - - - -	1944
†Forbes, Alexander James deBurgh, B.A. - - - - -	1951	†Fuller, Geoffrey Roy, B.Sc. - - - - -	1951
Forbes, Bryan George, B.Sc. - - - - -	1952	Fuller, George Rayner, B.Sc. - - - - -	1924
Forbes, William, B.A. - - - - -	1936	†Fuller, William Rayner, M.B., B.S. - - - - -	1953
Ford, James Albert, B.A. - - - - -	1919	Fulton, Gwen Evelyn Hamilton, M.A. - - - - -	1939
Ford, Raymond William, B.E. - - - - -	1922	Funder, Anne Cathrine, B.D.S. - - - - -	1934
Ford, Ronald Munro, M.B., B.S. - - - - -	1943	Funder, Brian Patrick, M.B., B.S. - - - - -	1933
Forder, Charles Rex, B.D.S. - - - - -	1928	Funder, John Francis, B.Sc. - - - - -	1935
Forder, Douglas Highmood, B.Sc. - - - - -	1932	M.B., B.S. - - - - -	1938
B.A. - - - - -	1938	Furness, Gwenda Marie, B.A. - - - - -	1941
Forder, Howard Hamlyn, B.E. - - - - -	1926	Furler, Ian King, M.B., B.S. - - - - -	1948
Fordham, Juanita Horwood, B.A. - - - - -	1927	†Furze, Betty Joan, B.Sc. - - - - -	1951
Forgan, Frederick Robert, LL.B. - - - - -	1928	Fyfe, Dorothy Mary, B.A. - - - - -	1926
Forgan, Humphrey Crayle, B.E. - - - - -	1927		
		G	
		Gaetjens, Gertrude Vera, B.A. - - - - -	1925
		Gaffney, Fay Madeline, B.Sc. - - - - -	1949
		Galbraith, Cyril, B.E. - - - - -	1927
		Gale, Frederick Julius, B.A. - - - - -	1915
		†Gale, Margaret Jean, B.A. - - - - -	1953
		Gallagher, William Edward, M.B., B.S. - - - - -	1932
		Gallasch, Frank Edward, M.B., B.S. - - - - -	1927
		Galliford, Robert Henry, B.Sc. (Eng.) - - - - -	1947
		Gallus, Hermann Peter Christian, M.Sc. - - - - -	1934
		Galpin, Arthur Lorden, B.E. - - - - -	1949

* Deceased.

† Not yet Members of the Senate.

Galvin, Leola Beth, B.Sc. - - - -	1945	†Giles, Peter Mortimer, B.E. - - - -	1953
†Galvin, Selma Ruth, B.A. - - - -	1953	Giles, Thomas O'Halloran, LL.B.	
Galvin, Thomas Bernard, B.A. - - - -	1916	(Cambridge, 1883) - - - -	1886
Came, David Aylward, M.B., B.S. - - - -	1949	Gilfillan, William, M.B., B.S. - - - -	1921
Game, John Aylward, M.B., B.S. - - - -	1938	Gilfillan, William Robert, B.E. - - - -	1948
Game, Patricia Jean, M.B., B.S. - - - -	1949	Gill, Clarence William Cecil, B.A. - - - -	1934
Gann, Eric Crump, B.A. - - - -	1950	Gill, Lancelot Waring, B.E. (B.Sc.,	
†Gard, Jeanette Trush Brentnall, M.B.,		1908, surrendered for B.E., 1913)	1913
B.S. - - - -	1953	†Gill, Raymond Harold, B.E. - - - -	1951
Gardiner, Beauchamp Lennox, B.Sc. - - - -	1902	†Gill, Richard Townshend, M.B., B.S. - - - -	1951
Gardiner, Philippa Margaret, M.B.,		Gillam, Dora Alice, M.A. (Sydney,	
B.S. - - - -	1942	1903) - - - -	1934
Gardner, George Gavin Forrest, Mus.-		†Gillen, Robert Spencer, M.B., B.S. - - - -	1953
Bac. - - - -	1906	Gillespie, Donald Tom Chalton, M.Sc. - - - -	1943
Gare, Lloyd, B.Sc. - - - -	1932	Gillespie, Doris Pearl, B.A. - - - -	1940
B.A. - - - -	1950	Gillespie, Elsie Jean Ann, B.A. - - - -	1935
Garrett, Dorothea Helene, B.A. - - - -	1934	Gillespie, William Charles, LL.B. - - - -	1927
Garton, Mary May, B.A. - - - -	1923	Gillett, Bernard St. Patrick, M.B., B.S. - - - -	1928
Gartrell, Eric Frank, M.B., B.S. - - - -	1921	Gillett, Mervyn Clem, LL.B. - - - -	1931
Gartrell, Minnie Henrietta Foxwell,		Gillham, Charles Alfred, B.A. - - - -	1911
B.A. - - - -	1928	Gillham, Doreen, B.A. - - - -	1950
Gaskell, Joan Mary, B.A. - - - -	1945	Gillman, Phyllis Constance, B.A. - - - -	1916
†Gaston, Walter Garfield, M.B., B.S. - - - -	1953	Gilmore, Hugh Robert, M.B., B.S. - - - -	1945
Gault, Arthur Kyle, M.B., B.S. - - - -	1917	Gilmore, Jean, LL.B. - - - -	1934
Gault, Estelle Ruth, B.Sc. - - - -	1914	Gladigau, Rita Doreen, B.Ec. - - - -	1948
M.B., B.S. - - - -	1919	Glaessner, Martin Fritz, D.Sc. (Mel-	
Gault, Freda Steele, B.A. - - - -	1931	bourne, 1948) - - - -	1951
Gault, Maisie Isabel Ogilvy, B.A. - - - -	1921	Glastonbury, Dudley Ivan, B.Sc. - - - -	1930
Gazard, Geoffrey Albion, B.A. - - - -	1949	B.A. - - - -	1933
Gazard, John Anthony, B.E. - - - -	1935	Glastonbury, James Oliver Garnet, B.A.	
Gehling, Ronda Beryl, Mus.Bac. - - - -	1943	M.Sc. - - - -	1935
Gehling, Lorenz Wilfred, B.E. - - - -	1950	Glastonbury, Keven, M.B., B.S. - - - -	1926
†Geisler, Frederick, M.B., B.S. - - - -	1951	Glayde, Ernest James, B.E. - - - -	1927
Geisler, Wilfred Ross, B.Sc. - - - -	1937	†Gledhill, John Douglas, B.E. - - - -	1952
Gent, Alan Franklin, B.A. - - - -	1948	†Glesinger, Marianne Antonie, M.B., B.S. - - - -	1953
Gent, Alison Grace, M.A. - - - -	1948	Gliddon, Alfred Bertram Keith, M.B.,	
Gent, John George Moyns, B.A. - - - -	1940	B.S. - - - -	1948
Georg, Victor Gerhard, B.A. - - - -	1949	Gliddon, William Aquilla Robert	
George, Adalbert James, B.D.S. - - - -	1927	James, B.A. - - - -	1950
George, Hilda Constance, B.A. - - - -	1928	Glover, Brian, B.Sc. - - - -	1945
George, Rowland Francis, B.D.S. - - - -	1923	Gluis, John, M.A. - - - -	1922
Gerard, Kenneth Edward, B.E. - - - -	1935	Gluyas, Robert John, B.E. (Interim	
Gerlach, Max Johann, B.A. - - - -	1925	B.Sc. (Eng.), 1945, surrendered)	1948
Gerny, Elma Seavington, B.Sc. - - - -	1936	Glynn, Brian McMahon, LL.B. - - - -	1933
Gerny, John Seavington, M.E. - - - -	1949	Glynn, Denis McMahon, LL.B. - - - -	1929
Gerny, Ronald Seavington, B.E. (In-		Glynn, Robert McMahon, M.B., B.S. - - - -	1919
terim B.Sc. (Eng.), 1942, surren-		Goatcher, Philip Daniel, M.B., B.S. - - - -	1945
dered) - - - -	1944	Gobbett, Thelma Jean, B.A. - - - -	1950
†Geytenbeek, David Robert, B.Sc. - - - -	1952	Godfrey, Edward John Owen, M.B.,	
Geytenbeek, Peter Everard, B.Ag.Sc. - - - -	1950	B.S. - - - -	1945
Gibb, Claude Dixon, M.E. - - - -	1932	Godfrey, Kirke Charles, M.B., B.S. - - - -	1914
Gibb, Kenneth Murray, B.E. - - - -	1942	Godfrey, Robert Charles, M.B., B.S. - - - -	1944
Gibberd, William Obed, M.Sc. - - - -	1945	Godlee, Margery Rebecca, B.A. - - - -	1917
†Gibbes, Elaine Frances Keele, M.B.,		Godlee, Theodore, M.B., B.S. - - - -	1932
B.S. - - - -	1953	Gold, Mervyn Roy, M.B., B.S. - - - -	1939
†Gibbison, Marie Claire, B.Sc. - - - -	1951	†Gold, Ronald Geoffrey, M.B., B.S. - - - -	1952
Gibbs, Allan George, B.E. - - - -	1933	Goldbeck, Rene Alice, M.B., B.S. - - - -	1949
Gibbs, Betty Valmai, B.A. - - - -	1949	Goldby, Frank, M.D. (Cambridge,	
†Gibbs, Graham Rossiter, B.Ec. - - - -	1953	1936) - - - -	1937
Gibson, Douglas Barr, M.B., B.S. - - - -	1945	†Goldfinch, Arthur Leslie, B.Sc. - - - -	1951
Gibson, George Taylor, M.B., B.S. - - - -	1935	†Golding, Edmond William, B.A. - - - -	1951
Gibson, Gladys Ruth, B.A. - - - -	1937	†Golding, Phyllis May, B.A. - - - -	1951
Gibson, Graham Coyne, B.A. - - - -	1949	†Goldsworthy, Arthur Clive, B.A. - - - -	1953
†Gibson, Margaret Dawn, B.Sc. - - - -	1952	Goldsworthy, David, B.A. - - - -	1949
Giersch, Leonard Ernst, B.A. - - - -	1940	Goldsworthy, Eric Roger, B.Sc. - - - -	1950
Gifford, Alfred Silva Harril, LL.B. - - - -	1922	Goldsworthy, John Garfield, M.A. - - - -	1930
Gilbert, John Scollard, B.E. (Interim		Goldsworthy, Reuben, B.Sc. - - - -	1948
B.Sc. (Eng.), 1948, surrendered)	1948	Good, Emily Milvain, B.A. - - - -	1904
Gilbert, Ronald Sunter, B.A. - - - -	1950	Good, Frances Helena, B.A. - - - -	1916
Gilbert, Stephen Hamilton, B.E. - - - -	1934	†Good, Richard John, B.E. - - - -	1953
†Gilbertson, Nannette, B.A. - - - -	1951	Goode, Benjamin Ryall, M.B., B.S. - - - -	1947
Gilchrist, Robert James, B.A. - - - -	1950	Goode, Harold Ralph, B.E. - - - -	1945
Gild, Albert, M.B., B.S. - - - -	1934	Goode, Henry Arthur, M.B., B.S. - - - -	1938
Gild, David, M.B., B.S. - - - -	1938	Goode, John Reginald, B.Ag.Sc. - - - -	1937
†Gilding, Gwendoline Fay, B.A. - - - -	1952	Goode, Kenneth Burden, B.E. - - - -	1914
†Gilding, Kevin Rex, B.A. - - - -	1952	Goode, Muriel Gertrude, Mus.Bac. - - - -	1911
Giles, Allan Leonard, Mus.Bac. - - - -	1950	Goode, Philip Charles Ryall, M.B., B.S. - - - -	1939
Giles, Harold, B.A. - - - -	1911	Goode, Reginald Alfred, M.B., B.S. - - - -	1910
Giles, Ireton Elliot, B.A. - - - -	1897	†Goode, Thomas Britten, M.B., B.S. - - - -	1952
Giles, Jack Bernard, B.Sc. - - - -	1943	Goode, Thomas Ryall, B.E. - - - -	1937
Giles, James Palmer, B.A. - - - -	1931	Gooden, John Stanley, M.Sc. - - - -	1945
†Giles, Keith Emanuel, M.B., B.S. - - - -	1951	†Gooden, Philip Compson, M.B., B.S. - - - -	1952
Giles, Mortimer, LL.B. - - - -	1911	†Goodeenough, Warwick William, B.A. - - - -	1953
Giles, Nigel Stuart, B.Sc. - - - -	1905	Goodhart, Mabel Flora, LL.B. - - - -	1927
*Giles, Olive Abbott, B.A. - - - -	1907		

* Deceased.

† Not yet Members of the Senate.

Hamilton, Ian Ayliffe, M.B., B.S.	- -	1924	Harris, Dudley Andrew, B.A.	- - -	1938
†Hamilton, Ian Scott, LL.B.	- - -	1951	Harris, Ernest Wilfred, LL.B.	- - -	1920
†Hamilton, Jean Anne, B.Sc.	- - -	1947	Harris, Ian Antrobus, M.B., B.S.	- - -	1949
†Hamilton, Margaret Berner, B.Sc.	- - -	1952	†Harris, James Dunbar, M.B., B.S.	- - -	1953
Hamilton, Reginald Hewgill, M.B., B.S.	- - -	1925	Harris, Jack Ronald, M.Sc.	- - -	1951
Hamilton, William Murray, M.B., B.S.	- - -	1944	Harris, John, M.B., B.S.	- - -	1924
Hammill, Robert Duncan, M.B., B.S.	- - -	1942	Harris, John Ernest, B.E.	- - -	1949
Hammond, Henry Grant, M.B., B.S.	- - -	1944	Harris, Lorna Muriel, B.A.	- - -	1934
Hamp, Frances Marian, M.B., B.S.	- - -	1925	Harris, Shirley Joyce, B.A.	- - -	1938
Hancock, George Alfred, M.A.	- - -	1909	Harris, Sophie Dora, B.A.	- - -	1928
Hancock, Henry Raymond Russell, M.B., B.S.	- - -	1927	Harris, William Brocas, B.Ag.Sc.	- - -	1947
Hancock, James Russell, B.Sc.	- - -	1941	Harris, William Patrick, M.B., B.S.	- - -	1933
†Hancock, John Owen, M.B., B.S.	- - -	1952	Harrison, Howard Raymond, B.Sc.	- - -	1948
Hancock, William Andrew, B.Sc.	- - -	1924	Harrison, Walter, B.A.	- - -	1929
Hancock, William Keith, M.A. (Oxford, 1930)	- - -	1931	†Harrold, Colin Morse, M.B., B.S.	- - -	1953
†Handley, Donald Alfred, M.B., B.S.	- - -	1953	Harry, Arthur Hartley, B.A.	- - -	1901
†Handley, Harold Arthur, M.B., B.S.	- - -	1951	Harry, Geoffrey Courtenay, LL.B.	- - -	1925
Hannaford, Brian Douglas, B.Sc.	- - -	1945	†Harry, Grant Varley, B.E.	- - -	1953
Hannan, Albert James, M.A. (LL.B.)	- - -	1914	Harry, Irene Pearl, B.A.	- - -	1915
Hannan, Clare Reginald, LL.B.	- - -	1912	Harry, Romilly Carveth, LL.B.	- - -	1929
Hannan, Ian Ignatius, B.E.	- - -	1949	Hart, Arthur Maxwell, B.A.	- - -	1950
Hannon, Dennis Francis, M.B., B.S.	- - -	1942	Hart, David Henderson, B.Sc.	- - -	1942
†Hansberry, Gerald Maxwell, M.B., B.S.	- - -	1953	Hart, Mary Margaret, B.A.	- - -	1950
Hansberry, John Pierce, B.A.	- - -	1945	†Hartshorne, Brian Herbert, M.B., B.S.	- - -	1952
†Hansberry, Mary Estelle, B.Sc.	- - -	1951	Harvey, Alison, B.A.	- - -	1938
Hansen, Ian Alfred, B.Sc.	- - -	1948	Harvey, Bernice Enid, Mus.Bac.	- - -	1928
Hansen, Ian Victor, B.A.	- - -	1950	Harvey, Dean Lawrence, B.Sc.	- - -	1947
Hansford, Clifford Gerald, D.Sc. (Cambridge)	- - -	1952	Harvey, Faith Fairbank, Mus.Bac. B.A.	- - -	1925
Hanson, Bertram Speakman, M.B., B.S.	- - -	1928	Harvey, Frederick George, M.A. (Yale, 1934)	- - -	1934
Harbison, Alan Thomas, M.B., B.S.	- - -	1927	Harvey, Raymond Hynson, B.E.	- - -	1936
°Harbison, Ernest John Keith, M.B., B.S.	- - -	1924	Harvey, Richard Gilbert Mungo, B.Ag.Sc.	- - -	1948
Harbison, John Henry, M.B., B.S.	- - -	1949	Harvie, Sydney Haral, B.Sc.	- - -	1927
†Harbison, Peter Alan, M.B., B.S.	- - -	1953	†Harwood, John William, M.B., B.S.	- - -	1953
Harbison, William Arthur, B.E.	- - -	1938	Haselgrove, Harold Frederick, M.B., B.S.	- - -	1946
Harders, Clarence Waldemar, LL.B.	- - -	1944	Haselgrove, Helene Martha, B.A.	- - -	1923
Harding, Florence Mary, M.A. (N.Z., 1932)	- - -	1949	Haselgrove, Janet Storrie, B.Sc.	- - -	1950
Hardy, Alfred Burton, LL.B.	- - -	1898	Haselgrove, Wilfred Eric, B.E.	- - -	1937
Hardy (nee Beckwith), Anne Caroline, M.Sc.	- - -	1947	†Hasenohr, David, B.Sc.	- - -	1951
Hardy, Evan Lovell, B.E.	- - -	1935	Hasenohr, Edward, B.A.	- - -	1938
Hardy, John Evans Simpson, M.B., B.S.	- - -	1945	Hasenohr, Geoffrey, M.B., B.S.	- - -	1948
Hardy, John Scott, LL.B.	- - -	1926	Haskard, George Henson Barrett, M.Sc.	- - -	1936
Hardy, Mabel Phyllis, B.A.	- - -	1914	Haskard, John Rex, B.Sc.	- - -	1950
Hardy, Thomas Walter, B.Sc. (Eng.)	- - -	1947	†Haslam, Denise Allison, B.Sc.	- - -	1953
Hargrave, Nathaniel Charles, LL.B. B.A.	- - -	1938	Haslam, Leslie Horrocks, LL.B.	- - -	1908
Hargreaves, William Arthur, B.Sc. (Melbourne, 1891)	- - -	1909	Haslam, Margaret Martha, M.B., B.S.	- - -	1935
D.Sc.	- - -	1916	Hassell, Frank Colin, B.E.	- - -	1933
Harkness, Robert, B.A.	- - -	1907	Hassell, Kathleen Lilian, M.A.	- - -	1927
†Harley, David George, B.E.	- - -	1953	Haste, Mary Joan, B.A.	- - -	1941
†Harley, James Froomes, M.B., B.S.	- - -	1951	Haste, Reginald Arthur, B.Sc. M.B., B.S.	- - -	1911
Harley, Marjory, B.A.	- - -	1925	Hauser, Frederick Herbert, B.A.	- - -	1931
†Harman, Lewis Clive, B.D.S.	- - -	1953	†Hawes, Brian Richard Albert, B.E.	- - -	1953
Harmer, John Reginald, M.A. (Cambridge, 1884)	- - -	1895	Hawke, Vivian Lee, M.B., B.S.	- - -	1946
†Harms, John Eric, B.Sc.	- - -	1951	Hawken, Doris Marguerite, B.A.	- - -	1917
Harms, Lois Philippa, M.B., B.S.	- - -	1948	Hawkes, Elizabeth Julie Seymour, B.A.	- - -	1942
Harniman, William Ronald, LL.B.	- - -	1936	Hawkes, Rose Adeline, B.A.	- - -	1928
Harper, Anthony, LL.B.	- - -	1926	Hawkins, Frederick James, LL.B., B.A.	- - -	1942
Harper, Ronald George, B.A. B.Ec.	- - -	1938	*Haycraft, Edith Florence, B.Sc.	- - -	1890
Harrington, Colin, B.A.	- - -	1947	Hayes, Horace Townsend, M.B., B.S.	- - -	1936
Harrington, Enid Gretta, B.A.	- - -	1950	†Hayman, David Lindsay, B.Ag.Sc.	- - -	1953
Harrington, Joan Margaret, B.Sc.	- - -	1945	Haynes, James Dalrymple, B.A.	- - -	1950
Harrington, Reginald Frank, B.D.S.	- - -	1943	Hayward, Edward Leo, LL.B.	- - -	1925
Harrip, Brian John, B.A.	- - -	1950	†Hayward, John, B.E.	- - -	1953
Harris, Allan Cuthbert, B.Sc.	- - -	1923	Hayward, John Lionel, M.D. (M.B., B.S., 1932)	- - -	1936
Harris, Beryl Ruth, B.A.	- - -	1935	Hayward, Lancelot Alfred, M.B., B.S.	- - -	1914
†Harris, Cecil George, B.A.	- - -	1951	Hayward, Thomas Ronald, B.A. (B.Ec., 1949)	- - -	1953
Harris, Clare Sparkes, LL.B.	- - -	1925	Hayward, Walter Richard, B.A.	- - -	1934
Harris, David Hall, M.B., B.S.	- - -	1942	†Haywood, Edward Francis, M.B., B.S.	- - -	1952
†Harris, David John, M.B., B.S.	- - -	1952	Heading, Keith Edward George, B.Sc. B.A.	- - -	1930
†Harris, Digby Ian, M.B., B.S.	- - -	1953	Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893)	- - -	1900
Harris, Donald Dunstan, M.A.	- - -	1929	†Healy, Anthony Hodgens, B.D.S.	- - -	1952
Harris, Dorothy Mary, B.A.	- - -	1919	Healy, Peter, B.Sc.	- - -	1948
			Healy, Vincent Michael, B.Sc.	- - -	1939
			Heard, Kenneth Harold, M.B., B.S.	- - -	1936
			Heard, Lyall Scott, B.Sc. (Eng.)	- - -	1944
			Heaslip (nee Shorney), Barbara Kate, B.A.	- - -	1928

° Deceased.

† Not yet Members of the Senate.

Heaslip, William Gordon, M.B., B.S.	1929	Hilbig, Paul Berthold, B.A.	1930
Heath, Ronald Bertram, B.E.	1941	Hill, Albert Charles, B.A.	1914
Heath, Trevor James Gartrell, B.A.		Hill, Alma Isobel, B.A.	1948
(Cambridge, 1928)	1928	Hill, Arthur William, D.Sc. (Cam-	
LL.B.	1932	bridge, 1918)	1927
Heaton, Herbert, M.A. (Leeds, 1912)	1918	Hill, Douglas Henry	1949
Hebart, Armin William, B.Sc.	1944	Hill, Florence McCoy, B.Sc. (California,	
Hebart, Siegfried Paul, M.A.	1932	1897)	1927
Hebart, Werner Friedrich, B.A.	1934	Hill, John, B.Sc.	1922
Hecker, Robert, M.B., B.S.	1947	Hill, John Albert, B.Sc.	1943
Hecker, Stewart Roy, M.B., B.S.	1919	Hill, John Distin, B.Sc.	1940
Heddle, Frederic French, M.B., B.S.	1935	Hill, John Seymour Thew Tregarthen,	
Heddle, Robert Charles, M.B., B.S.	1942	M.B., B.S.	1941
Heddle, Shirley, B.A.	1947	Hill, Kenneth Arthur, B.Sc. (Eng.)	1950
Hedger, Dorothy Mavis, B.A.	1936	†Hill, Malcolm, B.E.	1951
Heidenreich, George Bernhard Franz,		†Hill, Malcolm Robert, B.Ec.	1952
B.A.	1944	Hill, Thomas Benjamin, M.A. (Clark's,	
Heighway, Freida Ruth, M.D. (Syd-		U.S.A., 1910)	1920
ney, 1939)	1949	Hill, Hilda Mary, B.A.	1908
Heinemann, Edmund Lewis, B.A. (Ox-		Hillier, Howard Armstrong, B.E.	1950
ford, 1887)	1890	Hilton, Arthur Robert, B.A.	1909
Heinemann, Mary Josephine, B.A.	1948	Hilton, Frank Morphett, B.Ag.Sc.	1948
Heinemann, Mervyn Lambert, B.A.	1940	Hilton, Keith Denyer, LL.B.	1949
Heinrich, Jeff Dean, B.Sc.	1949	Hinde, James Tempest, B.Sc.	1941
Heitmann, Dorothea Smith, M.B., B.S.	1949	Hine, Denise Charlotte, M.Sc.	1952
Heitmann, John Smith, M.B., B.S.	1951	Hine, Florence Pauline, B.A.	1947
†Hemingway, Peter Cunliffe, B.Sc.	1949	Hirst, Ronald Robert, M.Ec.	1950
Henderson, Eric Malcolm, B.E.	1932	Hiscock, Ian David, Ph.D.	1952
Henderson, Leonard Ross, B.Ec.	1949	†Hiscock, Kenneth George, B.D.S.	1952
Henderson, Roland, LL.B.	1926	Hiscock, Stephen West, B.Sc.	1949
Hendrickson, Douglas Buxton, M.B.,		Hisgrove, Gladys, B.A.	1936
B.S.	1941	Hiskey, Thomas Alan, B.A.	1949
†Henning, Frederick Rudolph, B.D.S.	1952	Hitchcox, Joyce Mary, B.A.	1949
†Henningsen, Marcus, B.E.	1952	Hitchcox, Alfred Clarke, M.A.	1932
†Henschke, Lawrence Ronald, B.E.	1951	Hoar, Barbara Charlotte, B.Sc.	1948
†Henschke, Norman Frederick, B.Sc.	1952	Hoare, Lehone Lucas, M.B., B.S.	1949
†Hensel, Gordon Maxwell, B.Sc.	1951	Hobbs, Alan Frank, M.B., B.S.	1922
Herbert, Septimus Giffen Mills, B.Sc.	1949	Hobbs, Ian Harold, M.B., B.S.	1948
†Hermes, Clarence Lindsay, LL.B.	1951	†Hobden, Joan Frances, B.Sc.	1952
†Herriot, Robert Irvine, B.Ag.Sc.	1932	Hocking, Colin Stanley, B.Sc.	1949
†Herriot, Ronald Melbourne, B.E.	1952	Hocking, Frank Maxwell, B.Sc.	1929
Hersel, August Wilhelm, B.A.	1935	†Hocking, Kevin, B.E.	1953
†Herzog, Paul, B.A.	1953	Hocotr, John Francis, B.A. (Dublin,	
Heseltine, Augustus Frederick, B.E.		1871)	1877
(B.Sc., 1904, surrendered for B.E.,		†Hodan, Miroslav, B.Ec.	1953
1913)	1913	Hodby, Frederic Stephen, LL.B.	1925
Heseltine, Samuel Richard, LL.B.	1908	Hodby, Kenneth Wellesley, M.B., B.S.	1936
Hester, Gwynn Thomas John, B.A.	1950	Hodby, Lindley David, M.B., B.S.	1929
†Hetherington, Robert, B.A.	1951	†Hodge, Philip Richard, M.B., B.S.	1952
Hetzel, Basil Stuart, M.D. (M.B., B.S.,		†Hodgkinson, Peter Willis, B.Ec.	1952
1944)	1949	Hodgson, Ian Harold, B.D.S.	1950
Hetzel, Kenneth Stuart, M.D. (M.B.,		†Hoff, Lother Clemens, M.B., B.S.	1953
B.S., 1920)	1926	†Hoffman, Jack, M.B., B.S.	1951
Hetzel, Peter Stuart, M.D. (M.B., B.S.,		†Hogan, Esmond John Campbell, LL.B.	1920
1948)	1952	Hogan, Margaret Mary, B.A.	1950
†Heuer, Powel Max, B.Sc.	1953	Hogan, Philip Cornelius, M.B., B.S.	1928
Heuzenroeder, Reginald Leo, LL.B.	1923	Hogarth, David Stirling, LL.B.	1931
Hewett, Esther Jean, B.A.	1938	Hogben, Roy, B.Sc.	1950
†Hewitson, Gordon Frank, B.A.	1951	†Hoile, Douglas Edward, M.B., B.S.	1951
†Hewitson, Malcolm Thomas, B.A.	1951	†Hoile, Edward Murray, M.B., B.S.	1953
Hewitt, Cecil Austin, LL.B.	1924	Holdaway, Frederick George, M.Sc.	
Heyne, Carl William, B.D.S.	1949	(Queensland, 1925)	1926
Heyne, Ida Marie, B.A.	1916	Holden, Ethel, B.A.	1931
Heyne, Laura Olga Hedwig, M.A.	1917	†Holden, Geoffrey Raymond, B.Sc.	1951
Heywood, Marie Louise, B.A.	1941	Holden, Robert William, B.E.	1950
Hiatt, Jack Thomas, LL.B.	1947	Holder, Alison Joyce, Mus.Bac.	1941
B.Ec.	1948	Holder, Ethel Roby, M.A.	1901
†Hibbert, Kevin Malcolm, B.E.	1953	Holder, Evan Morecott, B.E. (B.Sc.	
Hickey, Kathleen Veronica, B.A.	1945	1909, surrendered for B.E., 1913)	1913
Hickinbotham, Alan David, B.Sc.	1949	Holder, Sophia Ellen, B.A.	1906
Hicks, Sir Cedric Stanton, M.Sc. (N.Z.,		†Holder, Sydney Ernest, M.B., B.S.	1913
1915)	1926	Holding, Sheila Dolby, B.A.	1943
M.D. (M.B., Ch.B., N.Z., 1923)	1936	Holdsworth, Leslie McLeod, B.A.	1934
Hicks, Dene Alan, M.B., B.S.	1948	Holland, Charlotte Annie, B.A.	1916
†Hicks, Edward Paul, M.B., B.S.	1951	†Holland, James William, B.D.S.	1952
Hicks, Francis Gibson, LL.B.	1915	Holland, Joan, B.A.	1944
Hicks, Neil Dennis, M.B., B.S.	1948	Holland, Laurence Corin, M.B., B.S.	1935
Hicks, Warren Roseveare, B.Sc.	1944	†Holliday, Norman Grant, B.E.	1952
†Hiern, Maurice Noel, B.Sc.	1952	Hollidge, Alfreda Faith, B.A.	1922
Hieser, Ronald Oswald, B.Ec.	1949	Hollidge, David Henry, M.A.	1889
Higginbottom, Edwin Corlett, B.A.	1920	Hollidge, Geoffrey David, LL.B.	1926
Higginbottom, Edwin John, B.Ec.	1950	Holloway, Bruce William, B.Sc.	1948
†Higgins, Alan Leslie, B.E.	1953	Holmes, Henry Bertram, M.B., B.S.	1940
Higgins, Alfred James, B.A.	1930	Holmes, Reginald Murray, M.B., B.S.	1949
Higgs, Edward Davies, B.Ag.Sc.	1950		

* Deceased.

† Not yet Members of the Senate.

Holtham, Richard, B.A. (Queensland, 1916)	1920	Hughes, Alfred, B.A. (Cambridge, 1886)	1889
†Holton, Jack Arthur, B.E.	1952	Hughes, Gordon Kingsley, B.Sc.	1928
Homburg, John, LL.B.	1908	Hughes, Harold Timothy, B.Ag.Sc.	1941
Hone, Alfred Andrew, B.Sc.	1924	†Hughes, John Burnell, M.B., B.S.	1952
Hone, Brian William, B.A.	1928	Hughes, James Estcourt, M.S. (M.B., B.S., 1926)	1937
Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921)	1938	Hughes, Leslie Donald, B.E.	1949
Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920)	1923	†Hughes, Patricia Gliddon, B.Sc.	1952
*Hone, Frank Sandland, B.A.	1889	Hughes, Robert Douglas, B.D.S.	1938
M.B., B.S.	1894	Hughes, Robert George, B.Sc. (Eng.)	1942
Hone, Carton Maxwell, M.B., B.S.	1924	Human, James Peter Egerton, M.Sc.	1948
Hone, Michael Raymond, B.Sc.	1950	†Humphris, Elisabeth Amy, B.A.	1952
Hone, Winifred Ruth Selwyn, B.A.	1934	Humphris, Francis Henry, B.E.	1924
Honnor, Wilfred Weston, B.Sc.	1931	Humphris, Francis Ross, B.Ag.Sc.	1944
M.E.	1945	Humphry, Alfred Henry, M.B., B.S.	1937
Hood, Vivian George, B.D.S.	1950	Humphry, Lulu Eileen, B.Sc.	1935
†Hooker, Robert John, B.E.	1951	Hunkin, Leonard Dale, LL.B.	1935
Hooper, Frederick Harvey, B.Ag.Sc.	1936	Hunt, Arnold Dudley, B.A.	1942
Hooper, Jane Barker, B.A.	1941	†Hunt, Arnold Leighton, B.Sc.	1952
Hooper, Peter Laurence, B.Sc.	1934	Hunt, Max Aubrey, B.E.	1931
Hooper, Rex Turran, M.E.	1949	Hunter, Betty Vera, B.Sc.	1947
Hoopman, Friedrich Wilhelm, M.B., B.S.	1922	Hunter, Brian Oswald, LL.B.	1932
Hoopmann, Eric Paul, M.B., B.S.	1949	Hunter, Doris, B.A.	1924
Hope (nee Fowler), Laura Margaret, M.B., B.S.	1891	Hunter, Geoffrey Allan, M.B., B.S.	1942
Hopkins, Alfred Nicholas, B.A.	1888	Hunter, Ronald, M.B., B.S.	1944
Hopkins, Brian McDonald, B.Sc.	1950	Hunter, Thomas Bowden, M.B., B.S.	1944
Hopper, Brian William, B.Sc.	1947	Hunwick, Arthur Philip, B.E.	1929
Hopton, Peter Phillip Adrian, B.A.	1947	Hunwick, Leonard William, LL.B.	1936
†Horder, Thomas Jeeves, Baron of Ashford, M.D. (London, 1899)	1935	Hurley, Leonard Joseph Bernard, B.A.	1914
Hornan, William Dinwoodie Ackland, M.B., B.S.	1941	Hurst, Edward Weston, D.Sc. (Birmingham, 1932)	1941
*Hornabrook, Reginald Denys, M.B., B.S.	1925	Hurst, Harvey Herbert, M.B., B.S.	1929
Hornabrook, Rupert Walter, M.B., B.S.	1896	†Hurst, Peter Edwin, M.B., B.S.	1953
†Horton, Robert Ralph, M.B., B.S.	1953	Hurst, Walter William, B.Sc.	1916
Hosking, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	†Hussey, Brian Leitch, B.D.S.	1951
Hosking, Herbert Champion, M.B., B.S.	1923	Hussey, Percival Francis Leitch, M.B., B.S.	1920
*Hosking, Herbert Clifton, B.A.	1908	Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929)	1945
Hosking, Lochee Maud, B.A.	1931	Hutcheson, George Ian Dewart, B.E.	1917
Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Hutchesson, Gordon Bramwell, LL.B.	1930
Hosking, Peter Kay, B.E.	1948	Hutchinson, Clive Reginald, B.A.	1948
Hoskins, Howard Berthold, B.A.	1926	Hutchinson, Colin Frederick, B.Sc.	1950
Hossfeld, Paul Samuel, Ph.D.	1953	Hutton, Edward Mark, D.Sc.	1951
Hourigan, Lloyd David, B.Ec.	1950	Hutton, John Thomas, B.Sc.	1938
Hourigan, Richard Edward, LL.B.	1893	Hutton, Tom Allan, LL.B.	1940
Howard, Arthur Ewing, B.A.	1912	Huxley, Leonard George Holden, Ph.D. (D.Phil., Oxford)	1950
Howard, Donald William Digby, B.Ec.	1949	†Hyde, Alan Graham, B.Ec.	1951
Howard, Ephrem, B.A.	1937	Hyde, Miriam Beatrice, Mus.Bac.	1931
†Howard, Juliet Hardman, M.B., B.S.	1951	I	
Howard, Leo, M.A.	1943	Ide, Donald Norman, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948
Howard, Peter, Felix, B.Sc.	1950	Ide, Frank Boyle, B.E.	1928
Howard, Rex Trowbridge, B.Sc.	1950	*Iliffe, James Drinkwater, B.Sc.	1899
†Howard, Ronald Walter, B.E.	1951	Iliffe, Michael Isaac Glover, B.Sc.	1934
Howard, Yvonne Mary, B.A.	1945	Ingamells, Dora, B.A.	1909
Howe, George William Osborn, D.Sc. (Durham, 1914)	1914	Ingamells, Eric Marfleet, B.A.	1908
Howell, Frederick Glenroy Graham, B.Sc.	1949	Ingamells, Reginald Charles, B.A.	1934
Howell, Murray Wentworth, B.E.	1935	Ingleby, Aileen Constance, LL.B.	1921
Howes, David William, B.Sc.	1949	in't Veld (nee Champion de Crespigny), Margaret, B.A. (Melbourne, 1940)	1940
Howie, Mary Hotham, B.A.	1943	†Ireland, Graham Malcolm, M.B., B.S.	1953
Howland, Donald John, B.A.	1948	Ireland, Norman Arthur, M.A.	1932
Howlett (nee Hughes), Nellie Ruth, B.A.	1941	Irvine, Beatrice May, M.B., B.S.	1941
Howlett, Philip Thomas Michael B.Ec. (M.A., 1947)	1953	Irving, Denys Benson, B.Sc.	1950
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
		Isaachsen, Oscar Cedric, LL.B.	1932
		Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937
		Isles, Keith Sydney, M.A. (Cambridge, 1933)	1941
		Isom, Constance Ruth, B.A.	1934

* Deceased.

† Not yet Members of the Senate.

	J			Johnson, Dorothy Mavis, B.A. - - -	1931
Jack, Fannie Augusta, B.A. (Sydney, 1899) - - -		1913	*Johnson, Edward Angas, M.B., Ch.B. (Melbourne, 1897) - - -		1897
Jack, Robert Lockhart, B.E. (Sydney, 1899) - - -		1913	M.D. (Göttingen, 1899) - - -		1901
D.Sc. - - -		1930	Johnson, Edwin Ralph, B.A. - - -		1931
Jack, William Logan, M.B., B.S. - - -		1929	Johnson, Francis Henry, M.A. (Oxford) - - -		1952
Jackman, Frank Downer, B.E. - - -		1924	†Johnson, Jeffery William Harwood, LL.B. - - -		1951
Jackman, Lloyd Miles, Ph.D. - - -		1952	Johnson, Keith Douglas, B.Sc. - - -		1950
Jackson, Arthur Marchant, B.A. - - -		1943	†Johnson, Margaret Isabel, B.A. - - -		1952
†Jackson, Edward Arthur, B.Ag.Sc. - - -		1951	Johnson, Peter Ralph, B.Sc. - - -		1941
Jackson, John Frederick, B.Sc. - - -		1945	Johnson, Ronald Lisle, LL.B. - - -		1937
M.B., B.S. - - -		1951	Johnson, William Courtenay Saunders, B.A. - - -		1934
Jackson, Norton, B.E. - - -		1941	Johnson, William Herbert, B.A. - - -		1911
Jacob, Charles Ernest Frederick, B.E. - - -		1934	*Johnson, Benjamin George, M.B., B.S. - - -		1924
Jacobs, Alan Brian, B.Ec. - - -		1949	Johnston, Elizabeth, LL.B. - - -		1948
Jacobs, Doreen Miriam, Mus.Bac. - - -		1941	Johnston, Elliott Frank, LL.B. - - -		1940
Jacobs, Maxwell Ralph, M.Sc. - - -		1936	Johnston, Lance Galbraith, B.E. - - -		1925
Jacobs, Samuel Joshua, LL.B. - - -		1948	Johnston, Ross George, B.D.S. - - -		1936
James, Alan Treleven, M.Sc. - - -		1949	*Johnston, Thomas Harvey, D.Sc. (Sydney, 1911) - - -		1923
James, Bertha Gwendoline, B.A. - - -		1934	*Johnstone, Percy Emerson, B.A. - - -		1894
James, Clarence Keith, B.E. - - -		1932	LL.B. - - -		1898
James, Colin Thomas, M.B., B.S. - - -		1942	Johnstone, William Watson, M.E. - - -		1947
James, Helen Margaret, B.A. - - -		1941	Jolly, Bertram Morris, M.B., B.S. - - -		1937
James, Paul Reuben, M.B., B.S. - - -		1941	†Jolly, Dennis Rawson Penfold, B.Sc. - - -		1953
James, Robert Jeffery, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -		1947	Jolly, Donald, B.Sc. - - -		1945
James, Wesley Hughes, B.Sc. - - -		1919	Jolly, Norman William, B.Sc. - - -		1901
M.E. - - -		1932	Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930) - - -		1936
James William Rex, M.B., B.S. - - -		1928	Jolly, William Alfred Swinburne, B.E. - - -		1948
Janes, Boris Sebire, M.Sc. - - -		1948	Jolly, William Richard Norman, B.Sc. - - -		1933
Jansen, Marcus Gordon, M.B., B.S. - - -		1943	B.A. - - -		1937
Janzow, Eric Herbert Martin, B.A. - - -		1940	Jona, Jacob, B.Sc. - - -		1908
Jarrett, Ivan Gentry, M.Sc. - - -		1947	Jona, Judah Leon, D.Sc. - - -		1910
Jarvis, Ronald Harris, M.B. B.S. - - -		1948	M.B., B.S. (Melbourne, 1911) - - -		1917
Jauncey, George Eric Macdonnell, D.Sc. - - -		1922	M.S. - - -		1919
Jay, Hubert Melville, M.B., B.S. - - -		1908	Jones, Alan Thomas Britten, M.B., B.S. - - -		1921
Jay, Peter Gerald, M.B., B.S. - - -		1941	Jones, Albert Edward, LL.B. - - -		1888
†Jeanes, Brian Hamilton, M.B., B.S. - - -		1953	Jones, Albert Walter, B.Sc. - - -		1932
Jeffares, Alexander Norman, M.A. (Oxford) - - -		1952	M.A. - - -		1944
†Jefferies, Brian Crossley, B.Ag.Sc. - - -		1953	Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - -		1949
Jefferies, Arthur Tarlton, B.Sc. - - -		1908	Jones, Conway Jeffrey, B.Sc. (Eng.) - - -		1945
Jeffery, Margaret Wynn, B.Sc. - - -		1950	Jones, David Lewis, M.B., B.S. - - -		1950
Jeffries, John Singleton, M.B., B.S. - - -		1942	Jones, Doris Egerton, B.A. - - -		1911
Jeffries, Lewis Wibmer, M.B., B.S. - - -		1907	Jones, Dorothy Irene, B.A. - - -		1945
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952) - - -		1953	*Jones, Edmund Britten, M.B., B.S. - - -		1910
*Jeffries, Shirley Williams, LL.B. - - -		1909	Jones, Frederick Wood, D.Sc. (London, 1910) - - -		1920
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945) - - -		1951	Jones, Geoffrey Hedley, M.B., B.S. - - -		1947
Jenke, Dudley Conrad, B.Sc. - - -		1950	Jones, Gwynfred, B.Sc. - - -		1926
Jenkin, Alfred John Roseland, B.A. - - -		1932	Jones, Herbert William, B.E. - - -		1939
Jenkin, Beth Lenore, B.A. - - -		1940	Jones, Jean Murray, M.B., B.S. - - -		1944
Jenkin, Mabel Gertrude, B.A. - - -		1928	Jones, Kelvin Lindsay, B.Sc. - - -		1945
Jenkins, Heather Gordon, B.Sc. - - -		1950	†Jones, Kenneth Thomas, M.B., B.S. - - -		1951
Jenkins, Rex Desmond, B.A. - - -		1941	Jones, Mander, Evan, M.A. (Oxford) - - -		1948
Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916) - - -		1922	Jones, Margaret Britten, B.A. - - -		1947
Jenner, Anthony Martin, B.E. - - -		1952	Jones, Reginald John, B.A. - - -		1948
Jennings, Bruce, Arthur, B.E. - - -		1950	Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941) - - -		1948
†Jennings, Robert Edward, B.Sc. - - -		1952	†Jones, Robert Britten, M.B., B.S. - - -		1952
Jennison, Raymond Barraclough, B.E. - - -		1950	Jones, Robert Howard, B.Sc. - - -		1940
Jens, John Matthias Joseph, M.B., B.S. - - -		1934	Jordan, Deirdre Frances, B.A. - - -		1947
Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -		1947	†Jørgensen, Donald Murray, M.B., B.S. - - -		1953
†Jensen, Richard Ian Broughton, B.A. - - -		1951	Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -		1947
Jensen, Tom Broughton, B.E. - - -		1938	Jose, Edward Salisbury, B.A. (Oxford, 1904) - - -		1905
Jephcott, Bruce Reginald, B.Sc. - - -		1950	Jose, Geoffrey Alan, M.B., B.S. - - -		1948
Jericho, Arnold Mervyn, B.E. - - -		1938	Jose, George Herbert, M.A. (Oxford, 1906) - - -		1906
†Jessup, Allan Aubrey, M.B., B.S. - - -		1952	Jose, Ivan Bede, M.S. (M.B., B.S., 1915) - - -		1923
†Jessup, Leonard Clive, M.B., B.S. - - -		1952	Joseph, George, LL.B. - - -		1938
Jessup, Rupert William, M.Sc. - - -		1948	Joyce, Rosalie Woodruff, B.A. - - -		1929
Jew, Ronald William, LL.B. - - -		1937	Joyner, Malcolm Stewart, B.D.S. - - -		1926
Johnke, Albert Keith, B.E. - - -		1952	Joyner, Max Frederick, LL.B. - - -		1913
†John, Glen Owen, B.E. - - -		1951	Judd, Percival Richard Henry, B.A. - - -		1934
Johncock, Leonard Percy, B.A. - - -		1926	B.Ec. - - -		1938
Johns, Bennett Gilbert Langman, B.Sc. - - -		1937	Jude, Gertrude Josephine, B.Sc. - - -		1901
Johns, Robert Keith, B.Sc. - - -		1948			
†Johns, Rowland Walden, B.E. - - -		1951			
†Johnson, Christopher Malcolm, B.E. - - -		1952			

* Deceased.

† Not yet Members of the Senate.

Koerner, Carl Frederick, M.E. - - -	1933	†Laver, John Poynton, B.E. - - -	1952
B.Sc. - - - - -	1928	Lavis, David Milton, B.Sc. - - -	1949
Koerner, John Francis, B.E. - - -	1924	Lavis, John Frederic, B.D.S. - - -	1945
Kohler, Theodor George, M.B., B.S. -	1946	Law, Gertrude Teresa, M.A. - - -	1924
Kollosche, Harold Frank, M.B., B.S. -	1915	Lawrence, Alfred Oscar Platt, B.Sc. -	1928
Koop, Eric John, B.E. - - - - -	1949	Lawrence, Bruce Ernest, M.B., B.S. -	1927
Koop, Peter Malcolm, M.B., B.S. - - -	1949	Lawrence, Gordon Ord, D.D.Sc. - - -	1945
†Korytnyk, Wsewolod, B.Sc. - - - - -	1953	†Lawrence, Robert John, B.A. - - - - -	1953
Krantz, Kenneth David, M.B., B.S. - -	1941	Lawry, Reginald Arthur, B.A. - - - - -	1943
Krantz, Roy, M.B., B.S. - - - - -	1930	Laws, Keith William, B.D.S. (Sydney,	
Krantz, Sydney, M.B., B.S. - - - - -	1927	1924) - - - - -	1925
†Kranz, Murray Lyall, B.D.S. - - - - -	1951	Lawson, Frederick Henry, B.Sc. - - - -	1935
Krause, Malcolm Rex, B.Ag.Sc. - - - -	1947	Lawton, Graham Henry, M.A. (Ox-	
Kretschmer, Gaynor Blanche, B.A. - -	1948	ford) - - - - -	1952
Krichauff, George Frederick, B.E. - - -	1927	Lawton, Peter, Alan, B.Sc. - - - - -	1950
Krieg, Erwin Oswald, B.A. - - - - -	1947	†Lawton, Ralph Stanley, B.A. - - - - -	1953
Krieg, Marcus Gustav, B.A. - - - - -	1941	Laycock, Frederick John, M.B., B.S. -	1941
Kriehn, Adolf Oscar, M.A. - - - - -	1926	†Laycock, Geoffrey Clifton, B.A. - - -	1952
Kriewaldt, Martin Rudolf Chemnitz,		Lea, Richard Henry Maclure, B.E. - - -	1925
B.A. (Wisconsin, 1922) - - - - -	1923	Leach, Basil Wood, B.D.S. (Melbourne,	
LL.B. - - - - -	1925	1920) - - - - -	1924
Kruger, James Morris, B.Sc. - - - - -	1948	Leach, John Brian, B.D.S. - - - - -	1947
†Krywoviaz, Jaroslaw, B.D.S. - - - - -	1953	Leach, Raymond Basil, B.D.S. - - - - -	1950
Kuchel, Carl Wilhelm August, M.A. - -	1912	Leach, Robert William, B.A. - - - - -	1950
Kuchel, Clemens Carl, B.Sc. - - - - -	1934	Leach, Ronald Hubert, M.Sc. - - - - -	1953
Kuchel, Rex Harold, B.Sc. - - - - -	1942	Leach, William Valentine, M.A. - - - -	1923
Kuchel, Robert Erwin, B.Sc. - - - - -	1947	Leader, Haynes, LL.B. - - - - -	1926
Kuhlmann, Herman Frederick, M.B.,		†Leaney, Cecil John, M.B., B.S. - - - -	1952
B.S. - - - - -	1943	Leaney, Roy Kent, B.A. - - - - -	1947
†Kumnick, Donald Kerr, M.B., B.S. - -	1951	Leask, John Hunter, B.E. - - - - -	1928
†Kutcher, Raymond William Harold,		Leaver, Edward, LL.B. - - - - -	1928
B.E. - - - - -	1951	Leaver, Kenneth Batten, B.A. - - - - -	1942
Kyd, Isabel Somerville, B.A. - - - - -	1937	Leckie, Alexander Joseph, Mus.Bac. -	1913
Kyd, Margaret Florence, B.A. - - - - -	1941	Ledger, Gladys May, B.A. - - - - -	1912
L			
Lacey, John Salisbury, B.E. - - - - -	1946	Leditschke, Friedrich Berthold, M.B.,	
†Ladd, Jeffrey Norman, B.Sc. - - - - -	1952	B.S. - - - - -	1924
Lade, Kathleen Beatrice, B.A. - - - - -	1930	Lee, Frank Milton, B.A. - - - - -	1939
Lade, Norman Edgar, M.A. (Mel-		Lee, Heather Vivian, B.A. - - - - -	1947
bourne, 1926) - - - - -	1937	Lee, Hector John, M.Sc. - - - - -	1949
Laffan, Anna Estelle, B.A. - - - - -	1922	Leidig, Ludwig Adolf Emanuel, M.A. -	1926
Laffer, Leonard Hughes, B.Ag.Sc. - - -	1934	Leitch, Oliver Westward, M.S. (M.B.,	
Laidlaw, Donald Hope, LL.B. - - - - -	1949	B.S., 1935) - - - - -	1947
Laidlaw, William Clarke, B.A. - - - - -	1938	LeLacheur, Hellier, B.A. - - - - -	1915
Lake, Blair Hingston, B.D.S. - - - - -	1950	LeMaistre, Ray Mauger, B.A. - - - - -	1939
Lake, Robb Hingston, LL.B. - - - - -	1939	Lemcke, Vincent Andrew Howard, B.A. -	1940
†Lamborne, Maxwell Addison, B.A. - - -	1953	LeMessurier, David Hugh, B.Sc. - - - -	1932
Lamey, Charles Sydney, B.A. - - - - -	1932	LeMessurier, Frederick Neill, M.D.	
Lamey, Gwenyth Eugene, B.A. - - - - -	1940	(M.B., B.S., 1913) - - - - -	1920
Lampard, Dudley John, M.B., B.S. - - -	1941	LeMessurier, Robert Ernest, B.E. - - -	1949
Lampe, Victor Leslie, B.A. - - - - -	1919	†Lemmey, Ford Prall, B.A. - - - - -	1951
Lamphee, Allan Dunstan, M.B., B.S. -	1924	Lemon, Arnold William, LL.B. - - - - -	1936
†Lamphee, Catherine Elspeth, B.Sc. - -	1953	Lendon, Alan Harding, M.B., B.S. - - -	1927
Lamshed, Albert Saville, B.A. - - - - -	1950	Lendon, Elspeth Lockett, B.A. - - - - -	1950
La Nauze, Barbara Burton, B.Sc. - - - -	1937	Lendon, Guy Austin, M.D. (M.B., B.S.,	
La Nauze, John Andrew, B.A. (Oxford,		1917) - - - - -	1922
1934) - - - - -	1935	Lennon, Vincent Francis Bennett,	
†Lander, Harry, M.B., B.S. - - - - -	1951	M.B., B.S. - - - - -	1930
Lane, Annie, M.A. - - - - -	1904	†LePage, Keith Ernest, M.B., B.S. - - -	1952
Lane, Douglas James, B.Sc. - - - - -	1950	Leske, Clive William, B.E. - - - - -	1950
Lang, Eric, M.E. - - - - -	1930	Leske, Elmore, B.A. - - - - -	1947
†Lang, Ian Philip, B.Sc. - - - - -	1951	Leske, Kenneth Berthold, B.Ag.Sc. -	1948
Lang, Philip Roy, M.A. - - - - -	1929	Leslie (nee Sharman), Florence Mary,	
Lang, Samuel Brambley, B.A. - - - - -	1949	M.A. - - - - -	1919
Lang, Sydney Chapman, B.A. - - - - -	1896	Leslie, Jean, M.A. - - - - -	1932
Lang, William Holland, B.Sc. - - - - -	1908	Leslie, Peter William, M.B., B.S. - - -	1943
Langevad, Eric James, B.E. - - - - -	1933	†Leslie, Robert Bradshaw, B.Sc. - - - -	1952
Langford-Smith, Trevor, M.Sc. (B.Sc.,		Le Souef, John Dudley, M.B., B.S. - - -	1948
Syd., 1940) - - - - -	1942	Letcher, Herbert George, M.B., B.S. -	1927
Langron, William Joseph, B.Sc. - - - -	1947	Levitt, Solomon, M.B., B.S. - - - - -	1950
Langsford, Diana, B.A. - - - - -	1948	Levy, Rose Winstanley, LL.B. (W.	
Langstaff, Lois, B.A. - - - - -	1944	Aus., 1941) - - - - -	1942
Lapidge, Jack Stanley, B.E. - - - - -	1935	Lewcock (nee Orrock), Ena Beatrice	
†Laslett, George Nield, B.A. - - - - -	1951	Faith, B.A. - - - - -	1926
Laslett, Ian John, B.Sc. - - - - -	1950	Lewcock, Harry Kingsley, B.Sc. - - - -	1923
Last, John Murray, M.B., B.S. - - - - -	1949	Lewis, Arthur Sangster, B.E. - - - - -	1930
†Last, Peter Murray, M.B., B.S. - - -	1952	Lewis, Aubrey Julian, M.D. (M.B.,	
Last, Raymond Jack, M.B., B.S. - - - -	1924	B.S., 1923) - - - - -	1931
†Laubsch, Colin Andrew, B.Sc. - - - - -	1951	Lewis, Basil Reece, B.Sc. - - - - -	1944
Laught, Keith Alexander, LL.B. - - - -	1927	Lewis, Colin Hamilton, B.D.S. - - - -	1943
Laughton, Frances Elizabeth, B.A. - - -	1941	Lewis, David Alfred, B.Sc. - - - - -	1943
Laughton, Rosemary Pauline, B.A. - - -	1945	Lewis, David Gray, B.Sc. - - - - -	1949
Laurence, Joan Mary, B.A. - - - - -	1935		

† Not yet Members of the Senate.

Lewis, Eric Henry, M.D. (M.B., B.S., 1906)	1908	†Lorking, Diana Pauline Elizabeth, B.A.	1952
Lewis, Glen Arthur, B.E.	1949	Loutit, John Stuart, B.Sc.	1945
†Lewis, Gordon John, B.E.	1951	Love, Clement Vernon, M.B., B.S.	1947
Lewis, Graham Ethelbert, B.Sc.	1950	*Love, James Robert Beattie, M.A.	1933
Lewis, Gwenyth Elizabeth, B.D.S.	1932	Love, John Alexander, M.B., B.S.	1915
Lewis, Irene Gwendoline, B.Sc.	1907	†Love, John Holinger, B.A.	1951
Lewis, John Aylward, M.B., B.S.	1944	†Loveday, John, B.Ag.Sc.	1951
Lewis, Joseph Arthur, B.A. (W. Aus., 1934)	1935	†Loveday, Penelope, B.A.	1951
Lewis, Keith Gray, B.Sc.	1940	Lovell, Keith Everett, M.B., B.S.	1949
Lewis, Kevin Joseph, B.D.S.	1933	Lovick, Lillian Sheelagh, LL.B.	1939
†Lewis, Keith William, B.E.	1952	†Lowe, Daphne Rae, M.B., B.S.	1951
Lewis, Leonard Arthur, B.Sc.	1940	†Lowe, John Charles, B.Sc.	1951
Lewis, Mary, B.A.	1949	Lower, Mark Anthony, LL.B.	1948
Lewis, Norman Benjamin, B.Sc.	1947	Lower, Mostyn Harcourt, B.Sc. (Eng.)	1949
Lewis, Raymond Douglas, B.Sc.	1939	Lower, Oswald Bertram, M.B., B.S.	1939
Lewis, Reginald William Frederick, B.E.	1925	Ludbrook, Wallis Verco, B.Sc.	1928
†Lewis, Richard Owen, B.A.	1951	Ludford, Colin George, B.Sc.	1948
Lewis, Robert Brook, B.Sc. (Melbourne, 1941)	1947	Lugg, Margaret Edith, B.A.	1949
B.A.	1952	Luke, Thomas Glen, B.Sc.	1925
Lewis, Roy Newman, B.Sc.	1945	Lum, Laurence Claude, M.B., B.S.	1939
Lewis, Stuart Hayes, M.B., B.S.	1950	Lundberg, Carl Oscar, B.A.	1933
Lewis, Sylvia Hilda, B.Sc.	1950	Lungley, Sheila Amelia Gordon, M.B., B.S.	1950
Leyland, Geoffrey Agar, M.B., B.S.	1944	Lunn, Margaret Anne, LL.B.	1931
Liddy, Desmond Terence, B.Sc.	1950	Lushey, Frederick Mayne, B.E., 1942,	
†Liddy, John Francis, B.E.	1952	B.A.	1951
Liebhich, Alvin Frederick, B.E.	1940	Lushey, Harold Merton, M.A.	1926
Ligertwood, George Coumts (Warden of the Senate), B.A.	1908	Lushey (nee Wilks), Vida Alice, B.A.	1904
LL.B.	1910	Luxton, Clarence Richard Paul, B.E.	1950
Ligertwood, James Arthur, B.E.	1950	Lynch, John Henry, B.A.	1947
Ligertwood, Neil Coumts, LL.B.	1948	Lynn, Kenneth Roy, B.Sc.	1949
Lilburne, Geoffrey Douglas Roland, M.B., B.S.	1949	Lyon, Hugh Pearson Dunlop, LL.B.	1925
Lillecrapp, Douglas Arthur Julian, B.A.	1949	Lyons, Henry Emerson Wescombe, M.B., B.S.	1940
Lillywhite, Cuthbert, B.Sc.	1899	Lyons, Ruth, M.B., B.S.	1942
Lillywhite, John Wilson, B.Sc.	1936		
Llmbert, Melville Louis, B.E.	1934	M	
Linton, Leonard Charles Edward, M.S. (M.B., B.S., 1919)	1923	McAnaney, Rita Margaret, M.B., B.S.	1926
†Linton, John Leonard Henry, M.B., B.S.	1952	McAree, Francis Edward, M.B., B.S.	1906
†Linton, Marten Edward, M.B., B.S.	1953	McAree, John Victor, M.B., B.S.	1905
Lindsay, Keith Malcolm, B.A.	1939	McAskill, Ronald Fergus, B.E.	1939
Lindsay, Thomas Bruce, M.D.S.	1950	McAuley, John Patrick, B.Ec.	1949
Lines, Dean Franc, B.Sc.	1944	Macaulay, Robert Wilson, B.A.	1903
Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915)	1933	Macbeth, Alexander Killen, D.Sc. (Belfast, 1914)	1928
†Lines, George Edward, B.Ag.Sc.	1951	Macbeth, Anna Maureen, B.Sc.	1943
†Lines, Helen Nora, B.A.	1952	Macbeth, Patricia Maeve, B.Sc.	1944
†Linke, John William, B.Sc.	1953	†Macbeth, William Andrew Alexander Greer, M.B., B.S.	1953
†Linklater, Peter Munro, B.Ag.Sc.	1953	McBride, Dorothy Evelyn, Mus.Bac.	1915
†Linklater, Rodney Munro, B.E.	1953	†McBride, Glenorchy, B.Ag.Sc.	1951
Linn, Beryl Eileen, LL.B.	1933	McBride, Mavis Anne, B.A.	1950
Linn, Helen Kathleen, B.Sc.	1950	McBride, Peter, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1949
Linn, Howard Wadmore, M.B., B.S.	1944	McBride, William John, B.Sc.	1898
Linn, John Graham, M.B., B.S.	1950	McBryde, Frederick Balfour, LL.B.	1912
†Linn, John Malcolm, M.B., B.S.	1953	B.A.	1920
Linn, Leslie Wadmore, M.B., B.S.	1918	McBryde, Ian Balfour, B.E.	1950
†Lipman, Rex John, B.D.S.	1951	MacCallum, Sir Mungo William, LL.D. (Glasgow, 1906)	1926
Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927)	1942	MacCallum, Maurice Daniel, M.B., B.S.	1950
D.Sc.	1950	McCann, John Conleth, B.A.	1941
Liston, Mary Howard, B.A.	1950	McCann, Ralph Newton, M.B., B.S.	1946
Litchfield, Kenneth Lyle, LL.B.	1935	McCann, William James, M.B., B.S.	1946
Llewellyn, Joan Margaret, M.Sc.	1951	McCarthy, Brian Stephen, M.B., B.S.	1948
Lloyd, Denys Morrison, LL.B.	1938	McCarthy, Bernard, B.A.	1926
Lloyd, Hugh Arthur, M.B., B.S.	1940	McCarthy, Doreen Franklin, B.A.	1931
Lloyd (nee Smith), Ida Gwendoline Viner, B.A.	1902	B.Sc.	1940
Lloyd, Thomas Rex Viner, B.E.	1932	†McCarthy, Ian Ellery, B.Sc.	1952
Loan, Edward Charles, B.A.	1903	†McCarthy, Ian John, B.Sc.	1951
Lock, Maurice Joseph Bayard, B.Sc.	1945	McCarthy, Peter Paul, LL.B.	1924
†Lockyer, Kathleen Elaine, B.A.	1953	B.A.	1923
Logan, Ernest Albert William, B.A.	1937	McCartney, James Elvins, M.D. (Edinburgh, 1922)	1953
†Lohmeyer, Rex Howard, B.E.	1953	McCloughry, Claude Lancelot, B.E.	1926
Lohmeyer, Vivian Keith, B.Ag.Sc.	1950	McConnon, James, B.A.	1925
†London, Jack Warfield, B.E.	1951	†McCormack, Donald Douglas, M.B., B.S.	
Long, Eileen Edith, B.A.	1939	B.E.	1951
Longbottom, David Cox, B.E.	1938	†McCormick, Charles William Diehl, B.E.	1953
Lord, Eric Ross, B.A.	1948	McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922)	1928
		McCullough, Amy Margaret, B.A.	1942
		†McDonald, Bruce Alexander, B.D.S.	1951

* Deceased.

† Not yet Members of the Senate.

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, Mary, M.B., B.S. - - - -	1946
†McDonald, Hugh Thomas, M.B., B.S. - -	1953	†Mackie, Dean Graham, M.B., B.S. - - - -	1953
McDonald, John Hunter, B.A. - - - -	1934	McKie, Duncan, Mus.Bac. - - - -	1938
†McDonald, Kenneth Duncan, B.Sc. - -	1951	†Mackie, James Joseph, B.E. - - - -	1953
Macdonald, Keith Alexander, LL.B. - -	1932	McKinnon, George Clarence, B.Sc. - - - -	1933
McDonald, Percy William, B.A. - - - -	1932	†McKinnon, Heather Campbell, B.A. - - - -	1952
McDonald, Peter Baker, B.A. - - - -	1950	†McKinnon, John Desmond, B.D.S. - - - -	1951
†McDonald, Peter de Paul, B.D.S. - - - -	1953	McKinnon, Robert Campbell, B.A. - - - -	1934
McDonald, Ross, LL.B. - - - -	1913	†McKinnon, Robert Keith, B.E. - - - -	1950
McDonnell, Eileen Mary, B.A. - - - -	1929	†McKinnon, Ross Charles, M.B., B.S. - - - -	1952
McDonnell, Eileen Mary, B.A. - - - -	1943	Macklin, Ellen Dulcie, M.Sc. - - - -	1927
McDougall, Elisabeth, B.A. - - - -	1942	Macklin, Laura Muriel Caterer, B.A. - - - -	1934
McDougall, John, B.E. - - - -	1943	†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.E.C. - - - -	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	McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - -	1944
McGlashan (nee Gardner), Mary Beatrice, B.A. - - - -	1909	McMichael, Kenneth Price, B.E. - - - -	1950
†McGlasson, William Barry, B.Ag.Sc. - -	1951	†McMillan, James William, M.B., B.S. - - - -	1952
McGlew, Phyllis Dorothy, M.B., B.S. - -	1918	McMillan, Raymond, B.E. - - - -	1949
†McGovern, Thomas Henry, LL.B. - - - -	1951	McMillan, Stanley Lyall, B.Sc. - - - -	1949
McGowan, George Murray, B.A. - - - -	1938	McMutrie, Alan Ian, B.A. - - - -	1935
McGowan, Norman Leslie, B.E. - - - -	1950	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	†McNicol, John Howard, B.Sc. - - - -	1953
McInerney, Thomas John, B.Sc. - - - -	1949	†McPharlin, Alison Tudor, B.A. - - - -	1952
McInerney, Thomas Taylor, LL.B. - - - -	1939	McPharlin, Deane, B.Sc. - - - -	1945
McIntosh, Gerald Alexander, M.B., B.S. - -	1944	McPherson, Alexander Owen, B.Sc. - - - -	1926
McIntosh, Howie James, B.E. - - - -	1927	M.A. - - - -	1933
McIntosh, Ronald MacKenzie, M.B., B.S. - - - -	1941	†McPherson, Margaret Helen, B.A. - - - -	1951
Mack, Douglas Urban Gilbert, B.A. - - - -	1940	McPherson, Mary, B.A. - - - -	1947
Mack, Hans Hamilton, B.A. - - - -	1880	Macpherson, Reginald Murray, B.A. - - - -	1947
McKail (nee Boyer), Gertrude Mary, B.A. - - - -	1912	Macpherson, Shirley Helen, B.A. - - - -	1941
Mackail, John William, LL.D. (Edinburgh) - - - -	1923	McPhie, Jean Elsbeth, B.Sc. - - - -	1945
MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924) - - - -	1924	McPhie, John Milroy, M.B., B.S. - - - -	1942
MacKay, Douglas Gordon, M.B., B.S. - -	1927	McQueen, George Hugh, M.B., B.S. (Melbourne) - - - -	1947
MacKay, Malcolm George, B.A. - - - -	1947	McRobert, Helen Angus, M.B., B.S. - - - -	1949
MacKay, Malcolm William, B.A. - - - -	1936	MacSkimming, Walt Ronald Auscot, B.A. - - - -	1950
MacKay, Margaret Ethel, M.Sc. - - - -	1938	McWhae, Douglas Hope, M.B., B.S. - - - -	1945
MacKay, Maureen Gordon, B.Sc. - - - -	1949	Maddeford, Sheila Lamont, LL.B. - - - -	1927
MacKay, Ronald George MacAlpine, M.B., B.S. - - - -	1941	Maddern, Cecil Boase, D.D.Sc. (B.D.S., 1924) - - - -	1926
Mackay, Samuel Angus, B.Sc. - - - -	1921	†Maddern, Cecil Pomeroy, B.D.S. - - - -	1951
McKay, William Alfred, M.A. - - - -	1937	Maddern, John Pearce, M.B., B.S. - - - -	1948
McKechnie, Alan Francis Clark, B.E. - -	1924	Maddern, Martin Randall Foss, B.A. - - - -	1937
McKechnie, Elizabeth Lawson, B.A. - - - -	1926	†Maddern, Max Wilfred, B.Sc. - - - -	1953
McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - -	1948	Madge, Paul Edward, M.Ag.Sc. - - - -	1953
		Madigan, Claire Phyllis, M.Sc. - - - -	1951

* Deceased.

† Not yet Members of the Senate.

Madigan, David Cecil, B.Sc. - - -	1937	†Marston, Colin Frederick, B.E. - - -	1951
†Madigan, James Francis, B.E. - - -	1952	Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912) - - -	1913
†Madigan, Michael Roebourne, B.Sc. (M.B., B.S., 1952) - - -	1953	Martin, Alfred Irwin, B.E. - - -	1928
Madigan, Paul Edward, LL.B. - - -	1922	Martin, Alfred William, B.A. - - -	1950
Madigan, Russel Tullie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - -	1947	Martin, Amalia Anna, B.A. - - -	1930
Madison, Thomas Glover, M.B., B.S. - - -	1946	†Martin, Beryl Claire, B.A. - - -	1952
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900) - - -	1901	Martin, Bernice Wilma, B.A. - - -	1945
D.Sc. - - -	1907	Martin, Sir Charles James, D.Sc. (London, 1896) - - -	1931
Maegraith, Brian Gilmore, M.B., B.S. - - -	1930	Martin, David Elwes, B.E. - - -	1947
†Maerschel, Barbara, B.A. - - -	1951	Martin, David Montgomerie, B.Sc. (Eng.) - - -	1945
Magarey, Alexander Roy, M.B., B.S. - - -	1941	Martin, Frederick Clarence, M.A. - - -	1932
Magarey, Ashley Henderson, LL.B. - - -	1938	Martin, Ian Holland, M.D. (M.B., B.S., 1942) - - -	1952
M.B., B.S. - - -	1940	Martin, John Claude, LL.B. - - -	1905
Magarey, Brian Attiwill, LL.B. - - -	1948	†Martin, Jeanne Mary, B.A. - - -	1953
Magarey, Frank Rees, M.D. (M.B., B.S., 1935) - - -	1941	†Martin, Keith George, B.Sc. - - -	1952
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927) - - -	1939	Martin, Lincoln William, M.B., B.S. - - -	1931
Magarey, James Rupert, M.S. (M.B., B.S., 1938) - - -	1951	Martin, Maurice Leon, B.Sc. - - -	1945
Magarey, Katherine Ashley, B.Sc. - - -	1949	†Martin, Peter Gordon, B.Sc. - - -	1953
Magarey, Kathleen de Brett, B.A. - - -	1921	Martin, Ralph Keith, B.A. - - -	1947
B.Sc. - - -	1932	Martin, Stanley Bamford, M.B., B.S. - - -	1946
Magarey, Kevin Barry, B.A. - - -	1950	Martin, Trevor Wallis, B.D.S. - - -	1950
†Magarey, Paul Robertson, B.E. - - -	1952	Martin, Walter Raymond, B.A. - - -	1938
†Magarey, Robert Richmond, M.B., B.S. - - -	1951	Martin, William Thomas, B.A. - - -	1914
Magarey, Rupert Eric, M.B., B.S. - - -	1904	Maschmedt, Zillah Daisy, M.A. - - -	1947
Magor, Clifford James, M.A. - - -	1932	Mason, Bruce, B.Sc. - - -	1938
Magor, Irvine Frank, B.A. - - -	1938	†Mason, Robert Claud, B.Sc. - - -	1951
Maguire, John Charles, B.A. - - -	1941	Masters, Ross Lincoln, B.Sc. - - -	1924
†Maguire, Maurice Glen, M.B., B.S. - - -	1953	Mather, Keith Benson, B.Sc. (Eng.) - - -	1942
Maiden, Leslie Carrington, B.D.S. - - -	1924	M.Sc. - - -	1944
Main, Arthur Charles, B.E. - - -	1926	Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - -	1948
Maitland, James Angus, LL.B. - - -	1932	Matheson, Pamela, B.Sc. - - -	1949
Makin, Frank Humphrey, M.B. (Melbourne, 1901) - - -	1906	†Matheson, Roderick Grant, B.A. (LL.B., 1952) - - -	1953
Mallan, James Michael, B.D.S. - - -	1927	†Matheson, William Edmund, B.Ag.Sc. - - -	1952
†Mallen, Arthur Lindsay, B.E. - - -	1953	Mathews, David Stanley, B.Sc. - - -	1938
Mallen, Leonard Ross, M.B., B.S. - - -	1925	B.A. - - -	1940
Mallyon, Rebecca Oakley Kingsnorth, B.A. - - -	1943	†Mathews, Kenneth Elliott, B.E. - - -	1953
†Maloney, Joan, B.A. - - -	1951	Mathews, Russell Lloyd, B.E. (B.Com., Melbourne, 1950) - - -	1953
Maloney, Martin James, B.E. - - -	1928	†Mathias, Brian Morgan, B.E. - - -	1952
Maloney, Vernon Thomas Steven, B.Sc. - - -	1929	Matters, Horace John, B.A. - - -	1950
Mander, Linden Alfred, M.A. - - -	1920	Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916) - - -	1929
Mander, Suzanne Flora, B.Sc. - - -	1949	M.S. - - -	1935
Manea, Ernest Cosmo, M.B., B.S. - - -	1949	Mathews, Gladys Mary Palmer, LL.B. - - -	1935
†Manea, Spero, M.B., B.S. - - -	1952	Mathews, Harold Pfaum, B.E. - - -	1927
†Manassis, Peter Christopher, M.B., B.S. - - -	1952	Mathews, Maurice John, M.B., B.S. - - -	1944
Mangan, John Arthur Leslie, LL.B. - - -	1927	Mathews, Richard Trahair, B.A. - - -	1941
†Mann, Edward Thomas, B.E. - - -	1953	Mathews, Richard Twitchell, B.A. (London, 1883) - - -	1884
Mann, Gertrude Irene, B.A. - - -	1919	Mathews, Robert Stephen, B.Sc. - - -	1948
Mannes, Sylvester Joseph, B.A. - - -	1938	Mattingley, Brian John, B.A. (Tasmania, 1937) - - -	1938
Manoel, Eva Mary, B.A. - - -	1938	Mattner, Ivy Ida, B.A. - - -	1948
Mansbridge, Harold Edgar, B.Sc. - - -	1949	Mattner, Philip Edward, B.Ag.Sc. - - -	1949
Mansfield, Eric William, B.E. - - -	1950	†Mattner, Richard Hocking, B.E. - - -	1952
Mansfield, William Walladge, B.Sc. - - -	1943	Matulich, Ross Noel, LL.B. - - -	1950
†Manthorpe, Thomas Dion, M.B., B.S. - - -	1951	Mawby, Olga Gates, B.A. - - -	1922
Manuel, James Douglas, B.A. - - -	1944	Mawson, Sir Douglas, D.Sc. (B.Sc., Sydney, 1901) - - -	1909
†Marcus, Irving, M.B., B.S. - - -	1951	Mawson, Jessica Quita, B.Sc. - - -	1939
Manuel, Deane James Hubert, B.Ec. - - -	1950	Mawson, Patricia Marietje, M.Sc. - - -	1938
Marker, William Herman, B.E. - - -	1949	May, Dorothy Mary, B.A. - - -	1938
†Markey, Gregory Barton, M.B., B.S. - - -	1953	†May, John Wilhelm, B.Sc. - - -	1952
†Markham, Neville Lawrence, B.Sc. - - -	1952	May, Lancelot Harris, B.Sc. - - -	1949
Marlow, Alfred Dudley Roy, B.Sc. - - -	1938	May, Leonard Seymour, B.Sc. - - -	1926
Marmion, Robert James, B.Sc. - - -	1918	May, Rolland George, Mus.Bac. - - -	1939
Marriner, Frank Wilfred, B.Sc. - - -	1949	Maynard, Donald Archer Scott, B.Sc. - - -	1938
†Marriott, John Edward, B.D.S. - - -	1951	B.A. - - -	1945
Marsh, Charles William, B.E. - - -	1950	Mayne, Robert John Bruce, M.A. (New Zealand, 1926) - - -	1937
†Marsh, John Albert, B.Sc. - - -	1952	Mayo, Clarice Elton, B.A. - - -	1935
Marshall, Herbert Edmund, B.A. - - -	1940	*Mayo, George Elton, M.A. - - -	1926
†Marshall, Janette Ruth Watson, M.B., B.S. - - -	1953	Mayo, George Melrose Elton, B.Ag.Sc. - - -	1945
Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.), West Australia, 1929) - - -	1933	Mayo, Helen Mary, M.D. (M.B., B.S., 1902) - - -	1926
M.Ag.Sc. - - -	1933	Mayo, Herbert, LL.B. - - -	1909
Marshman, Ashley Mead, B.A. - - -	1936		
†Marshman, Ian, M.B., B.S. - - -	1953		
Marshman, Wesley Melvyn Tiller, B.D.S. - - -	1924		

* Deceased.

† Not yet Members of the Senate.

Mayo, John Christian, M.D. (M.B., B.S., 1918)	1946	Mills, Eric Baxter, B.E.	1929
Mayo, Mary Penelope, M.A.	1937	Mills, John Archer, M.Sc.	1944
Mead, Dorothy, B.A.	1927	Mills, John Brabyn, B.Sc.	1936
Mead, John William, B.Ec.	1950	†Mills, John Murray, B.A.	1952
Mead, Marjory, B.A.	1933	Milne, Annie Johnson, B.A.	1936
Meaker, Arthur Reginald, B.A.	1940	Milne, Kenneth Harvey, B.E.	1925
Meaney, Maxwell Francis, B.Sc.	1950	†Milne, Kevin Fowler, M.B., B.S.	1951
Measday, Ellen May, B.A.	1940	Milner, Desmond Walter, B.E.	1936
Measday, Jack William, B.E.	1948	Milton, Gerald White, M.B., B.S.	1947
Medlin, Edwin Harry, B.Sc.	1949	Minahan, Agnes Cecelia, M.A.	1933
Medlow, David, B.Sc. (Eng.)	1944	Minson, Charles Stanley, B.Ec.	1939
†Medwell, John Gordon, B.A.	1952	†Miraglia, Carlotta Rosina, B.A.	1953
Meiers, John Maurus, B.A.	1937	Mitchell, Betty Dawn, B.A.	1947
Melbourne, Henry Eoin Sydney, B.E.	1920	Mitchell, Donald Thomas, B.E.	1930
†Melbourne, John Clifford, B.E.	1952	*Mitchell, Ernest Edwin, Mus.Bac	1923
Melbourne, William Henry John, B.A.	1949	Mitchell, Frank Wyndham, B.Sc.	1927
†Meldrum, Brian Reginald, M.B., B.S.	1953	B.A.	1933
†Meldrum, Edgar Albert, B.D.S. (Sydney, 1924)	1925	M.A. (Ph.D., Lond., 1937)	1943
Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge)	1951	Mitchell, Geoffrey George, M.Sc.	1951
Mellor, Geoffrey Lloyd, M.B., B.S.	1947	Mitchell, George Thomas Jeffrey, M.A.	1932
Mellor, Thomas Reginald, LL.B.	1920	†Mitchell, Helen Margaret, B.Sc.	1952
Mellows, Peter Ernest, M.B., B.S.	1947	†Mitchell, John Turnbull, B.Ec.	1953
Melville, Sidney John, LL.B.	1921	Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Menear, Ira, B.A.	1927	Mitchell, Mark Ledingham, B.Sc.	1923
Menz, Anna Magdalene Augusta, B.A.	1918	Mitchell, Percival Harris, B.A.	1906
Menz, Emmi Margaret, B.A.	1932	Mitchell, Roma Flinders, LL.B.	1934
Menz, William John, B.Ec.	1948	Mitchell, Thomas Oliver, B.Ag.Sc.	1933
Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Mitchell, Sir William, M.A. (Edinburgh, 1886)	1895
Mercer, Edgar Howard, B.Sc.	1935	Mitchell, William Robert, B.E.	1950
Merzer, Frank Verduin, B.Sc.	1942	Mitchell, William Russell, B.E.	1948
†Merity, John Patrick, LL.B.	1952	Mitton, Ronald Gladstone, M.Sc.	1928
Merrett, James Laurence, B.Sc.	1949	Mizon, Errol Alfred, B.Sc.	1948
Mertin, Jack Victor, B.Ag.Sc.	1944	Moffatt, Betty Josephine Margaret Douglas, B.A.	1946
Messel, Harry, Ph.D. (National University, Ireland)	1952	LL.B.	1947
Messent, Esther Mary, B.A.	1928	Moffat, Dorothy Joan, B.A.	1944
Messent, Keith Santo, B.E.	1920	Moffat, May Josephine, M.B., B.S.	1911
Messent, Philip Santo, M.S. (M.B., B.S., 1918)	1923	†Moffatt, Cathie Douglas, M.B., B.S.	1953
Meyer, Heinrich Carl, B.Se.	1932	†Moffatt, Jeannie May Douglas, M.B., B.S.	1953
†Meyer, Richard Leo, B.A.	1953	†Moffitt, Richard Barry, B.E.	1952
Michael, James Henry, M.Sc.	1953	Mofflin, Lionel Hugh, M.B., B.S.	1948
†Michael, Maxwell Roy, B.E.	1951	†Mohr, Robert Finey, LL.B.	1953
†Michael, Peter William, B.Ag.Sc.	1951	Molineux, Ronald Eugene, B.E.	1947
Mitchell, Charles Francis, M.B., B.S.	1921	Molloy, Raymond Brian, B.A.	1950
Mitchell, Mignon Norma Howard, B.A.	1944	Moncrieff, Josephine Hartley, B.A.	1911
Michelmores, Walter Maxfield, B.Sc.	1941	Moncrieff, Mary Kathleen, B.A.	1910
†Mickan, John Herbert, M.B., B.S.	1952	†Moncrieff, Rostrevor Brooke, M.B., B.S.	1952
†Middleton, Melville John William, B.A.	1941	Monfries, John William Elliott, B.D.S.	1924
Middleton, William Thomas Steele, B.Sc.	1947	Mongan, Horace John, B.E.	1918
Mietzke, Adelaide Laetitia, B.A.	1924	Moodie, Colin Troup, LL.B.	1934
†Milazzo, Clare Cecelia, B.A.	1952	Moodie, Robert Beresford, LL.B.	1931
Millazzo, Stephen Charles, M.B., B.S.	1949	Moore, Alan Walter, B.Ag.Sc.	1948
Miles, John Arthur Reginald, M.D. (Cambridge, 1951)	1953	Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921)	1926
†Miles, Perry Ambrose, M.Sc.	1951	Moore, Donald Rex, B.Sc.	1922
Milesi, Angelo John, B.Sc.	1927	Moore, George Douglas, B.Sc.	1904
†Mill, James Crowe Davidson, M.B., B.S.	1953	Moore, Harold Robinson, M.B., B.S.	1945
Millard, Colin, B.Ec.	1950	Moore, Humphrey Owen, B.Sc.	1932
Miller, Annie Rose, B.A.	1934	†Moore, Kevin Reading, B.D.S.	1951
Miller, Beryl Jessica, B.A. (Tasmania, 1923)	1924	Moore, Max Clifford, M.B., B.S.	1946
Miller, Ian Lindemann, M.B., B.S.	1938	Moore, Phyllis Mary, B.A.	1909
†Miller, Joseph Brendan, B.E.	1951	Moore, Robert Brian, B.Sc.	1950
Miller, Leslie Gordon, M.B., B.S.	1949	Moran, Francis Brian, LL.B.	1948
Miller, Malcolm William, M.B., B.S.	1932	Moran, John Francis, B.D.S.	1941
Miller, Margaret Una, B.A.	1928	Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
†Miller, Peter Geoffrey, B.Sc.	1952	More, William St. Barbe, B.Sc. (Western Australia, 1922)	1947
Miller, Raymond Orlando Maurice, B.A.	1905	Moreland, Jack, M.B., B.S.	1926
Miller, Robert Lionel, B.Sc.	1942	Morey, Burnard Spindley, B.Sc.	1950
M.B., B.S.	1947	Morey, Geoffrey Wilson, M.B., B.S.	1926
†Miller, Victor John, B.E.	1952	Morgan, David Archibald Stevenson, M.B., B.S.	1943
Millhouse, Glenn, B.D.S.	1948	Morgan, Edward James Ranembe, LL.B.	1920
†Millhouse, Robin Rhodes, LL.B.	1951	Morgan, Eric Desmond, B.D.S.	1948
Millhouse, Vivian Rhodes, LL.B.	1939	Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1953
†Milligan, Brian, B.Sc.	1952	†Morgan, Lloyd Kenneth, M.B., B.S.	1952
Mills, Barbara Joyce, B.A.	1938	†Morgan, Owen Brakspear, M.B., B.S.	1952
†Mills, Bessie Heather, B.A.	1952	Morgan, Olwen Esther, B.A.	1930
Mills, Dorothy Nell, B.A.	1928		

* Deceased.

† Not yet Members of the Senate.

Morgan, William Matheson, B.E.	1930	Murrell, Helen Calvert, B.Sc.	1949
Morphett, Anthony Eddy, B.Sc.	1950	Musman, Roma Josephine, B.A.	1943
Morris, Hildred Ione, B.A.	1929	Mutton, Henry Edwin Howard, M.A.	1922
Morris, John Lennox, B.A.	1949	†Mutze, George Friedrich, M.B., B.S.	1952
Morris, Kerwin William, B.Sc.	1949	Myers, Arthur Mervyn, M.B., B.S.	1933
Morris, Lenore, B.Sc.	1950	Myhill, Reuben John, B.D.S.	1948
Morris, Lyndall Erica, B.A.	1924		
Morris, Mervyn Charles, LL.B.	1923		
Morris, Elsie, M.A.	1931		
Mortimer, Peter Inkster, B.Sc.	1943		
Morton, Christopher Gordon, B.E.	1924		
Moss, Colin Lance, B.A.	1939		
†Moten, Brian Leslie, B.E.	1953		
Motteram, Philip, B.E.	1914		
Motteram, Reginald, B.Sc.	1934		
M.B., B.S.	1939		
Moulden, Arnold Meredith, LL.B.	1914		
Moulden, John Owen, LL.B.	1938		
Moulden, Owen Meredith, M.B., B.S.	1910		
Mounster, Valerie Luella, B.A.	1928		
Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934)	1934		
Moyes, John Stoward, M.A.	1907		
Moyes, Morton Henry, B.Sc.	1910		
Moyle, Francis James, B.Sc.	1950		
Moyle, Sidney, M.A.	1917		
B.Sc.	1926		
Moyses, Bertram Ivey, B.E.	1937		
†Mudge, Margaret, B.A.	1953		
Mudie, George Dempster, B.E.	1921		
Muecke, Douglas Colin, B.A.	1948		
Muecke, Francis Frederick, M.B., B.S.	1902		
†Mueller, Dorothy Concordia, B.A.	1953		
Mueller, Edwin Albert, B.A.	1939		
Mueller, Malcolm Dudley, B.E.	1950		
Mueller, Merna Alma, M.B., B.S.	1950		
Mueller, Rae Vernon, B.Sc.	1944		
†Muetzelfeldt, Dorothea, B.A.	1951		
Muetzelfeldt, Elfriede Elise, M.A.	1950		
Mugford, Frank Kenneth, M.B., B.S.	1925		
Mugford, Lancelot Suckling, B.A.	1945		
Mugford, Rex Ernest, B.A.	1944		
†Muhammad, Abdul Munim Hassan, B.Ag.Sc.	1952		
Muirden, Elizabeth Alice, B.A.	1950		
Muirden, Hector Raymond, B.A.	1930		
Muirhead, Andrew Mackinnon, B.D.S.	1950		
Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.) 1943 surrendered)	1950		
Muirhead, James Henry, LL.B.	1950		
Muirhead, Leonard Graeme, M.B., B.S.	1911		
Muirhead, Mortimer John Croft, M.B., B.S.	1949		
†Muizulis, Voldemars, B.E.	1951		
Mules, Betty Lavina, B.A.	1945		
Mullen, Brian Anthony, LL.B.	1935		
Muller, Peter Neil, B.E.	1949		
†Mullner, Judith Anne, B.Sc.	1953		
Mumme, Ivan Albert, B.Sc.	1949		
Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949		
†Munday, Malcolm Joseph, B.D.S.	1953		
Munday, Neill Horace, M.B., B.S.	1924		
Mundy, Kevin Arnold, B.A.	1936		
†Mune, Marie Elizabeth, B.A.	1953		
Munn, Bertha Helen Temple, B.A.	1917		
Munn, Sydney Morris, B.A.	1940		
†Munro, Barbara Joan, B.A.	1951		
Munro, Ian Alexander, B.Sc.	1949		
Murdoch, Bronwen, B.A.	1950		
Murn, Vincent Alan, B.E.	1941		
Murphy, Evangeline, B.A.	1907		
Murphy, Margaret Jane, B.A.	1947		
Murphy, Mary, B.A.	1933		
Murphy, Peter Raymond, B.Sc. (Eng.)	1943		
Murphy (nee Glynn), Shylie Patricia, B.A.	1942		
†Murray, Donald Bruce Seymour, M.B., B.S.	1953		
†Murray, Eric Lionel, B.Sc.	1953		
Murray, Gordon Seymour, M.B., B.S.	1944		
†Murray, John Dunmore, B.E.	1953		
Murray, Noel William, B.E.	1950		
Murray, Philomena Mary, B.A.	1934		
Nagel, Norman Edgar, B.A.	1945		
†Nairn, Donald Elwyn, M.B., B.S.	1953		
Nairn, John Wallace, B.E.	1949		
†Nairn, Mary Beatrice, M.B., B.S.	1953		
Nairn, Peter Ross, B.E.	1949		
†Nairn, Robert Ian, B.D.S.	1951		
Nairne, Alexander Livingstone, M.A.	1905		
Nairne, William Archibald Jock, M.B., B.S.	1927		
Nancarrow, Cyril Gawler, LL.B.	1936		
Nancarrow, Jean Isobel, B.A.	1947		
Nancarrow, Malcolm Ewart, M.B., B.S.	1946		
Nankivell, John Thomas, B.A. (Cambridge, 1871)	1877		
Nankivell, Joseph Frank, B.Sc.	1945		
Nankivell, Maxine Vera, B.A.	1945		
†Nankivell, Shirley Dawn, M.B., B.S.	1953		
Nankivell, William Field, B.Ag.Sc.	1950		
Napier, Bruce, B.D.S.	1949		
Napier, Sir Thomas John Mellis, LL.B.	1949		
Naughtin, Patrick Chanel, B.A.	1949		
Naylor, John Colenso, LL.B.	1923		
Naylor, Margaret Mary Jessie Darnley, B.A.	1920		
Naylor, Rupert Leslie, M.B., B.S.	1924		
Neale, Nancy Gwynneth, M.Sc.	1945		
Neale, Shirley Margaret, B.Sc.	1946		
Neate, Arthur, M.B., B.S.	1952		
Neck, Maurice Allan, B.E.	1950		
†Neely, Mary Boyd Woodburn, B.A.	1953		
†Neighbour, Keith, B.E.	1952		
Nelligan, Joseph William, LL.B.	1921		
Nelson, Archibald John Alexander, B.A.	1938		
Nelson, Cynthia, B.A.	1945		
Nelson, James Angus, B.E.	1949		
Nelson, William Barton, B.E.	1924		
Nettle, Richard William, B.E.	1941		
Neuling, Herman James, B.E.	1937		
Neuenkirchen, George Murray, B.E.	1947		
†Neuenkirchen, John Basil, B.E.	1953		
†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.Ec.	1936		
B.A.	1940		
Newman, Lewis Arthur, B.Sc.	1925		
Newman, Olive Gertrude, B.Sc.	1909		
Newman, Ralph Frederic, LL.B.	1945		
Newnham, William Arthur, M.B., B.S.	1946		
Nicholas, Herbert Ahearn, B.D.S.	1950		
Nicholas, Rowland John, B.A.	1943		
Nicholls, Barbara Ruru, 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.	1948		
Nicholls, James Herschel, M.B., B.S.	1942		
Nicholls, Jonathan Kingsley, B.A.	1924		
Nicholls, Kelynn 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		

† Not yet Members of the Senate.

Nichterlein, Otto Erhardt, M.A.	- - -	1935	O'Donoghue, Stephen Kevin, B.A.	- - -	1912
M.D. (M.B., B.S., 1940)	- - -	1943	†O'Donoghue, Raymond Francis, B.Ec.	- - -	1951
†Nickolai, Max Ronald, B.Sc.	- - -	1952	†Offord, Thomas Frank, B.Sc.	- - -	1951
†Nickolls, Peters Michael, LL.B.	- - -	1953	O'Hara, Brian Isidore, M.B., B.S.	- - -	1950
Nicolson, Murray Thomas, B.Sc.	- - -	1945	Ohlstrom, Leonore Annie, B.A.	- - -	1929
†Nienaber, Blair, B.E.	- - -	1953	Oldfield, Frederick Bernam, B.Sc.	- - -	1923
†Nietz, Arno Oscar, B.A.	- - -	1951	Oldfield, Neil, M.B., B.S.	- - -	1940
Nietz, Herbert Walter, M.A.	- - -	1918	Oldham, Brenda Helen, B.A.	- - -	1941
B.Sc.	- - -	1921	Oldham, Marjory (nee Anderson), B.A.	- - -	1915
†Nilsson, Neil Alfred, B.A.	- - -	1951	Oldham, Wilfred, M.A.	- - -	1920
Nilsson, Reginald Hakan, B.Ec.	- - -	1944	Oldham, Wilfred Hugh, B.E.	- - -	1948
Ninnes, Arthur Reginald, B.A.	- - -	1943	†O'Leary, Patrick Damian, B.D.S.	- - -	1951
Nitschke, John Edwin, B.E.	- - -	1949	Oliphant, Marcus Lawrence Elwin,	- - -	
Noack, Charles Hugh, M.B., B.S.	- - -	1941	B.Sc.	- - -	1923
Noall (nee Piercy), Olive Edriss, B.A.	- - -	1935	Oliver, Archibald Robert, M.E.	- - -	1952
Nobbs, Jack McKay, M.Sc.	- - -	1951	Oliver, Robert Wallace (Interim B.Sc.	- - -	
Nobbs, William David, LL.B.	- - -	1949	(Eng.), 1943, surrendered), B.E.	- - -	1945
Nobes, Edith Dorothy, B.Sc.	- - -	1921	O'Loughlin, Irene May, M.B., B.S.	- - -	1938
Noble, Andrew Morden, B.E. (Interim	- - -		O'Loughlin, Kevin Thomas, LL.B.	- - -	1949
B.Sc. (Eng.), 1944, surrendered)	- - -	1948	Olsen, Paul Engberg, B.E.	- - -	1941
Noble, George Grant, LL.B.	- - -	1937	Olsson, Edwin Alexander, M.A.	- - -	1947
Noblett, David John, B.E.	- - -	1950	Olsson, Athol Julius, LL.B.	- - -	1920
Noblett, Hedley Lindsay, B.A.	- - -	1926	O'Malley, Charles Ernest Denis, B.E.	- - -	1932
†Nogare, Ronald Raphael Dalle, B.Sc.	- - -	1953	O'Malley, John Edwin, B.A.	- - -	1945
Noletius, Harry Edward, B.A.	- - -	1902	Omond, D'Arcy James, B.E.	- - -	1949
†Noon, David Lyon, B.A.	- - -	1952	O'Neil, Cornelius Patrick, B.A.	- - -	1949
†Noonan, John William, B.A.	- - -	1952	O'Neill, Marguerite, B.A.	- - -	1949
Norgard, John Davey, B.E.	- - -	1937	†Opie, Alan James, B.E.	- - -	1953
Norman, Albert Edward, B.A.	- - -	1948	Opie, Brian Preston, B.E.	- - -	1949
Norman, Arthur Edward, B.Sc.	- - -	1949	Opie, Roger Gilbert, M.A.	- - -	1951
Norman, Harold Ashley, LL.B.	- - -	1947	Opie, Thomas Schulz, B.A.	- - -	1923
Norman, William Ashley, LL.B.	- - -	1911	Opit, Louis Jonah, M.B., B.S.	- - -	1949
Norman, William Gowen, M.B., B.S.	- - -	1938	O'Neill, Sydney, M.B., B.S.	- - -	1917
North, Rita Bridget Rice, LL.B.	- - -	1945	†Oram, Rex Neville, B.Ag.Sc.	- - -	1953
North, William Ian, M.B., B.S.	- - -	1939	Osborn, Edith May, B.Sc. (M.Sc., Man-	- - -	
†Northey, Helen Louise, B.Sc.	- - -	1953	chester, 1908)	- - -	1912
Northey, James Douglas, B.A.	- - -	1919	Osborn, Peter William, B.Sc.	- - -	1949
*Northmore, Sir John Alfred, LL.B.	- - -	1887	Osborn, Rowen Frederic, B.A.	- - -	1947
Nossal, Peter Mary Joseph Julius,	- - -		Osborn, Theodore George Bentley,	- - -	
M.Sc. (Sydney, 1948)	- - -	1949	B.Sc. (M.Sc., Manchester, 1911)	- - -	1912
Nott, Harry Carew, M.B., B.S.	- - -	1913	Osborn, Thomas Raymond, B.Sc.	- - -	1942
†Nunn, George Marshall, M.B., B.S.	- - -	1951	†Osborne-White, Douglas Arthur, B.E.	- - -	1952
Nunn, Kevin Joseph, B.Sc.	- - -	1942	Osman, Boris, B.E.	- - -	1940
			Osman, Nelle, M.A.	- - -	1945
			Osmond, Phyllis Dawn, B.A.	- - -	1949
			O'Sullivan, James David, LL.B.	- - -	1949
			†O'Sullivan, John Joseph, B.A.	- - -	1953
			Othams, Dorothy Elizabeth, B.A.	- - -	1925
			Othams, Herbert Reginald, B.A.	- - -	1937
			Otto, Max Arthur, B.E. (Interim B.Sc.	- - -	
			(Eng.), 1947, surrendered)	- - -	1948
			Owen, Gwenyth Winsome, B.A.	- - -	1941
			Owens, Arthur John, B.Sc.	- - -	1926
			P		
			Packer, Arthur Dudley, M.Sc.	- - -	1951
			M.D. (M.B., B.S., 1942)	- - -	1951
			†Packer, John Stuart, B.E.	- - -	1953
			Packer, Mina, B.D.S.	- - -	1933
			Padman, Clara Helen, B.A.	- - -	1904
			Padman, Mabel Margaret, B.A.	- - -	1941
			Padman, Marsden Waterhouse, B.E.	- - -	1923
			Padman, Maurice Skipsey, B.A.	- - -	1931
			Padman, William Donald, LL.B.	- - -	1933
			Paech, Bernice Mary, B.A.	- - -	1950
			Paech, John Adolph, B.A.	- - -	1942
			Page, Albert Edward, B.A.	- - -	1914
			Page, Eleanor Florence, B.A.	- - -	1940
			Page, Geoffrey Wilton, B.D.S.	- - -	1940
			Page, Gertrude Erica, B.Sc.	- - -	1945
			†Page, Leland Ivor, M.B., B.S.	- - -	1952
			Page, Maurice Roy, B.E.	- - -	1950
			Page, Ronne Earle, B.A.	- - -	1949
			Pahl, Paul David, B.A. (N.Z., 1941)	- - -	1943
			†Paholski, Francis Edmond, B.E.	- - -	1953
			†Paice, William Osborne, B.A.	- - -	1953
			Paine, Helen, B.A.	- - -	1938
			Paine, Herbert Kingsley, LL.B.	- - -	1904
			Paine, Janet, B.A.	- - -	1944
			†Painter, Mary Galloway, Mus.Bac.	- - -	1952
			Painter, Rowland George, B.A.	- - -	1934
			M.B., B.S.	- - -	1947
			*Paley, Clifford Arnold, B.A.	- - -	1939
			†Palm, Duncan Louis, B.E.	- - -	1952

* Deceased.

† Not yet Members of the Senate.

Palmer, Ernest William, LL.B. - - -	1939	Peirce, Reginald Frank, B.A. - - -	1938
†Palmer, Raymond Amos, B.E. - - -	1953	Pellow, Henry Edwin, M.B., B.S. - - -	1924
†Palmer, Robert Hale, B.E. - - -	1953	Pellow, Janie Christobel, B.D.S. - - -	1932
†Paltridge, Angus Lindsay, B.Ec. - - -	1951	Pellow, Lancelot Vivian, LL.B. - - -	1922
Paltridge, Richard Noel, B.Sc. - - -	1947	Pellow, Leonard James, M.B., B.S. - - -	1906
Paltridge, Terence Brady, B.Sc. - - -	1926	Pellow, Leonard James Ternouth, M.B., B.S. - - - - -	1932
Pannell, Peter John, B.E. (Interim B.Sc. (Eng.) 1947 surrendered) - - -	1950	Pellow, Richard Alfred Amyas, M.B., B.S. - - - - -	1934
Parham, Elizabeth Ann, B.A. - - -	1950	Pelton, Louis Alfred Hall, B.Sc. (Eng.) - - -	1942
Park, Ruth Alison, B.A. - - -	1939	Pengelley, Hugh Price, B.E. - - -	1945
Parker, Cecil David, B.Sc. - - -	1932	†Pengelley, John Michael, B.Ec. - - -	1952
Parker, George Lucas, B.E. - - -	1948	Pengilly, Clifford Kipling, B.E. - - -	1930
Parker, Mina Evelyn, B.A. - - -	1930	†Penglase, Dean Trestrail, B.E. - - -	1951
Parker, Murray Harold, M.Sc. - - -	1952	†Penn, John Halbert, B.E. - - -	1953
Parkhouse, Devon, M.B., B.S. - - -	1907	Pennington, Beryl, B.A. - - -	1942
Parkhouse, Thomas William, B.Sc. - - -	1940	†Penna, Elwyn Dunstan, B.A. - - -	1952
Parkin, Dorothy Joan, B.A. - - -	1936	†Penny, David Harry, B.Ec. - - -	1952
Parkin, Leslie Wedgwood, M.Sc. - - -	1949	Penny, Harold John, M.B., B.S. - - -	1913
Parkinson, Kevin John, B.Sc. - - -	1949	Penny, Hubert Harry, M.A. - - -	1932
Parry, Doris, B.A. - - -	1931	Pennycook, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919) - - -	1923
Parsons, Albert Christian, B.E. - - -	1950	Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928) - - -	1935
Parsons, Barbara, B.A. - - -	1949	Perelra, John Evelyn De Haan, B.A. - - -	1945
Parsons, Geoffrey Bonython Angas, M.A. (Cambridge, 1932) - - -	1935	Perkins, Horace James, Mus.Doc. - - -	1943
Parsons, Harold Stephen, Mus.Bac. - - -	1912	Perkins, Marie Pauline, B.A. - - -	1949
Parsons, Philip Brendon Angas, LL.B. - - -	1928	†Perrett, Lance Victor, M.B., B.S. - - -	1952
Parsons, Ralph Whaddon, B.E. - - -	1948	Perry, Audrey Vivienne, LL.B. - - -	1949
Parsons, Rex Whaddon, M.E. - - -	1926	Perry, Dulcie May, B.A. - - -	1939
Parsons, Ronald Lewis, B.E. - - -	1942	Perry, Rayden Alfred, B.Sc. - - -	1947
Parsons, William Ross, B.A. - - -	1948	Peters, Brian Harry, M.B., B.S. - - -	1948
Parton, Arthur Leigh, M.B., B.S. - - -	1944	Peters, Geoffrey Ernest, B.A. - - -	1925
Partridge, Wilfrid Gordon McDonald, M.A. - - - - -	1947	M.B., B.S. - - - - -	1927
Pascoe, Douglas Everett, B.Ec. - - -	1948	Peters, George Francis, B.Sc. - - -	1948
Pash, Hannah June, M.B., B.S. - - -	1946	Peterson, Jean Clarice, B.A. - - -	1940
Pash, Hannah Rita, B.A. - - -	1930	Petrie, Charlotte Marion, M.A. (St. Andrews, 1923) - - - - -	1939
Pash, Jeffrie Herbert, B.A. - - -	1938	Petrie, Enid Beatrice, Mus.Bac. - - -	1935
Pash, Spencer, M.Sc. - - -	1952	†Pettit, Garth Derwood, B.D.S. - - -	1953
†Pater, Graham Stephen, B.D.S. - - -	1951	Pettit, Rowland, M.Sc. - - -	1950
Paterson, Alexandra Jean, B.Sc. - - -	1949	†Pfeiffer, Edgar Reginald, B.Sc. - - -	1953
Paterson, Alfred Harold, B.A. - - -	1937	Pfeiffer, Gordon James, B.D.S. - - -	1949
Paterson, John Levett, B.E. - - -	1950	Pfeiffer, Norman, B.A. - - -	1938
Paterson, Keith McGregor, B.E. - - -	1932	†Pfitzner, Eric Norman, M.A. - - -	1933
Paterson, Mervyn Silas (Interim B.Sc. (Eng.), 1943, surrendered), B.E. - - -	1945	†Pfitzner, Leo Wilkin, B.E. - - -	1953
†Paterson, Ross, B.Sc. - - -	1953	†Pfitzner, Murray Ackland, M.B., B.S. - - -	1953
Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered for B.E., 1915) - - -	1915	Phillipps, Herbert Tarlton, B.Sc. - - -	1905
Paton, Alfred Maurice, B.Sc. - - -	1898	†Phillipps, Keith Herbert, B.E. - - -	1951
Paton, Dora Isabel, B.Sc. - - -	1902	Phillipps, Albert Maurice, B.E. - - -	1941
†Paton, Robert, M.B., B.S. - - -	1951	Phillips, Alan Dunstan, M.B., B.S. - - -	1947
Patrick, Elsie Furneaux, Mus.Bac. - - -	1925	Phillips, Basil Wright, B.D.S. - - -	1950
Patterson, Keith Raymond, LL.B. - - -	1937	Phillips, Charles Leslie, B.D.S. - - -	1926
Patterson, William Friedrich, B.E. - - -	1934	†Phillips, Colin William, M.B., B.S. - - -	1951
Pattinson, Baden Powell, LL.B. - - -	1921	Phillips, Ernest, LL.B. - - -	1908
Paul, Kevin Carroll, B.Sc. - - -	1935	Phillips, Gordon Gilbert, B.A. - - -	1940
Paul, Alec Gordon, B.Sc. - - -	1920	Phillips, James Henry, B.E. - - -	1948
M.A. - - - - -	1932	Phillips, James Howard, B.Sc. - - -	1902
†Paul, Colin Gordon, M.B., B.S. - - -	1953	Phillips, Muriel Edith, B.A. - - -	1935
Paul, Torrance Arnold, M.B., B.S. - - -	1947	Phillips, Murray Norman (Interim B.Sc. (Eng.), 1942, surrendered) B.E. - - -	1945
Pavia, Roy Rowling, B.A. - - -	1913	Phillips, Murray Thomas, B.E. - - -	1947
Pavy (nee Proud), Emily Dorothea, B.A. - - - - -	1906	†Phillips, Pamela Rosemary, M.B., B.S. - - -	1951
Pavy, Harold Keith, M.B., B.S. - - -	1919	†Phillips, Ronald Mervyn, B.A. - - -	1951
Pavy, Ian Gordon, M.B., B.S. - - -	1943	Phillips, William James Ellery, M.B., B.S. - - - - -	1915
†Pavy, John Keith, M.B., B.S. - - -	1952	Phillipson, Coleman, LL.D. (Man- chester, 1908) - - - - -	1920
Pavy, Rosemary Dorothea, M.B., B.S. - - -	1943	Pickering, Arthur Lawrence, LL.B. - - -	1925
Fayne, George Basil, B.A. - - -	1935	Pickering, Ronald Franklin, B.Sc. - - -	1946
Payne, Louise Mary Gwyther, B.A. - - -	1914	Pietsch, Clemens Henry, M.B., B.S. - - -	1945
Paynter, Norman Catchlove, B.A. - - -	1937	Pike, Douglas Henry, M.A. - - -	1951
†Pearce, Alfred Moreton, B.A. - - -	1951	†Pike, Geoffrey Howard, M.B., B.S. - - -	1953
Pearce, Charles Clifton, B.A. - - -	1938	Pile, Kenneth Charles, B.E. - - -	1949
†Pearce, Desmond Beresford Newman, B.Sc. - - - - -	1951	Pilgrim, Alan Flinders, B.Sc. - - -	1936
Pearce, Ronald Sandison, B.Sc. - - -	1948	Pilgrim (nee Lipsham), Kate Caroline, B.A. - - - - -	1905
†Pearce, Trevor Sandison, B.Ag.Sc. - - -	1953	Piper, Clarence Sherwood, D.Sc. - - -	1942
†Pearcy, Lyn Harley Draper, M.B., B.S. - - -	1953	Piper, Cyril Thomas, M.B., B.S. - - -	1924
Pearson, Halley James Crawford, B.A. - - -	1944	Piper, Flora Elizabeth, B.A. - - -	1924
Pearson, Leslie Norman, B.A. - - -	1941	Piper, Francis Ernest, LL.B. - - -	1921
Pech, Herman, B.A. - - -	1947	°Piper, Harold Bayard, LL.B. - - -	1914
Pech, Rufus, B.A. - - -	1947	Piper, Herbert Walter, B.A. - - -	1938
Pedler, John Meavious, M.B., B.S. - - -	1935	Pitcher, Cyril Frederick, M.B., B.S. - - -	1911
Pedlow, Clarice, B.Sc. - - -	1942		
Peirce, Alan Wilfred, D.Sc. - - -	1947		

° Deceased. † Not yet Members of the Senate.

Ramsay, Alexander Maurice, B.Ec. -	1941	Rice, Vincent de Paul Lawrence, M.B.,	
† Ramsey, Alfred Maxwell, B.Ec. -	1951	B.S. -	1933
Rance, George Howe, B.Sc. -	1935	† Rice, William Mitton, B.E. -	1953
Randell, Allan Elliott, M.B., Ch.B.		Riceman, David Stirling, M.Sc.	
(Melbourne, 1897) -	1897	(B.Ag.Sc., 1934) -	1947
Randell, William Richard, M.B., B.S. -	1947	Richards, Archibald Charles, M.A. -	1927
† Randle, Alexander Miller, B.Sc. -	1951	Richards, Cecil Albert, M.A. -	1929
† Rankine, Alexander Mackenzie, M.B.,		B.Sc. -	1931
B.S. -	1952	Richards, Clarence, B.Sc. -	1915
Rankin, Mervyn Alexander, M.Sc. -	1931	M.B., B.S. -	1919
Rankine, Bryce Crossley, M.Sc. -	1953	Richards, Dudley Lewis, LL.B. -	1931
† Rasch, John, B.E. -	1952	† Richards, Eric Dean, M.B., B.S. -	1951
Rattigan, John Herbert, B.Sc. -	1948	Richards, Eva Gertrude, B.A. -	1914
Raupach, Maxwell, B.Sc. -	1945	Richards, Frederick William, LL.D.	
Ray, Angus Charles, LL.B. -	1943	(London, 1896) -	1897
Ray, John, M.B., B.S. -	1936	Richards, Gordon Alfred, B.A. -	1937
Ray, Marjorie, B.A. -	1945	Richards, Kenneth Ross, B.Sc. -	1948
* Ray, William, M.B., B.S. -	1906	† Richards, Ronald Roy, B.Ag.Sc. -	1951
B.Sc. (Oxford, 1909) -	1914	Richards, Norman Alfred, M.D. (M.B.,	
Ray, William Robert, B.A. -	1933	B.S., 1942) -	1951
Ray, Walter Vernon, LL.B. -	1907	Richards, William Edward, B.A. -	1932
† Rayment, James Tarlton, M.B., B.S. -	1952	† Richardson, John Milton, B.Ag.Sc. -	1952
Rayner, George Percival, B.A. -	1920	† Richardson, John Patrick, M.B., B.S. -	1952
Rayner, William Henry, B.A. -	1907	Richardson, Middleton Bart, B.Sc. -	1941
Rayson, Patricia, B.Sc. -	1950	Richardson, Patricia Sophia, M.B., B.S. -	1937
Read, John Herbert, B.A. -	1949	† Richardson, Robert William, B.E. -	1953
Read, Norman George, M.Sc. -	1945	† Richardson, Walter Murray, B.Sc. -	1951
Read, Philip Andreas, B.A. -	1930	† Riddell, Frank Scouler, M.B., B.S. -	1953
† Reade, Peter Clarence, B.D.S. -	1952	Riedel, Felix Daniel, B.A. -	1950
† Reardon, Mary Dulcie, B.A. -	1952	Riedel, Melita Wanda, Mus.Bac. -	1920
Redden, Martin Philip, B.A. -	1933	Riedel, William Rex, M.Sc. -	1952
Redman, James Johnston, LL.B. -	1935	Rieger, Clarence Oscar Ferrero, M.B.,	
Redmond, John Bice, B.E. -	1946	B.S. -	1919
Reed, Eileen Ruth Lathleen, B.Sc. -	1919	Riggs, Noel Victor, B.Sc. -	1942
Reed, Geoffrey Sandford, LL.B. -	1913	† Riley, John, M.B., B.S. -	1953
Reed, Mary Ethel Hayter, M.B., B.S. -	1924	Riley, Mabel, B.A. -	1908
Reed, Robert David Geoffrey, B.E. -	1950	Rimes, Garnet Dean, B.Sc. -	1950
Reed, Thomas Thornton, M.A. (Mel-		Rinfret, The Right Honourable Thibau-	
bourne, 1927) -	1929	deau, P.C., LL.D., (McGill) -	1951
Rees, Harold Mitchell, M.B., B.S. -	1924	Rischbieth, Henry George, M.B., B.S. -	1942
† Rees, John David, B.Sc. -	1953	Rischbieth, John Ross, B.Sc. -	1937
Reeves, Edith Louie, B.A. -	1945	Rischbieth, Oswald Henry Theodore,	
Reeves, Rupert Kirk, M.B., B.S. -	1926	B.A. -	1909
Reichstein, Lance Eric Harold, B.E. -	1922	† Rischbieth, Richard Harold Charles,	
Reid, Arthur Douglas, M.B., B.S. -	1924	M.B., B.S. -	1951
Reid, David Argyll Campbell, B.E. -	1949	Rix, Areta, B.A. -	1938
Reid, Elizabeth Ellen, B.A. -	1933	† Roach, Desmond Michael, B.E. -	1952
Reid, Max Bertram, M.B., B.S. -	1937	Roach, John Carlyle, B.E. -	1921
† Reid, Robert Leighton, B.A. -	1953	Robbins, Thomas Fellows, B.E. -	1940
Reid, Ross Treloar Wishart, M.B., B.S. -	1947	Robert, Douglas Bower, B.Sc. -	1942
Reid, William Lister, M.B., B.S. -	1931	Roberts, Arthur Bruce, LL.B. -	1922
Reilly, Patrick John, M.B., B.S. -	1928	Roberts, David Pearson, B.Sc. (Eng.) -	1947
Reilly, Philip Herbert, B.D.S. -	1940	† Roberts, Ivor Charles, M.B., B.S. -	1952
Reilly, Robert Neil, M.B., B.S. -	1933	Roberts, Jillian Mary, LL.B. -	1949
Reimann, Arnold Luehrs, D.Sc. -	1935	† Roberts, John Desmond, B.A. -	1953
Reimann, Valesca Leonore Olive, M.A. -	1914	Roberts, Joseph Armistice, M.B., B.S. -	1950
Reiners, John Alexander, B.D.S. -	1950	Roberts, Nancy Mowbray, B.A. -	1947
Reissmann, Charles Henry, M.D. (Cam-		† Roberts, Richard Leslie, B.E. -	1953
bridge, 1902) -	1902	Roberts, Robin Lea, B.A. -	1939
† Remilton, John Robert, M.B., B.S. -	1953	Robertson, Alfred Bentley, B.E. -	1942
Rendell, Alan, B.A. -	1930	† Robertson, Allison Alexander, B.E. -	1952
Rendell, Margaret Patricia, M.A. -	1952	Robertson, Betty Ann Fotheringham,	
Renfrey, Lionel Edward William, B.A. -	1938	B.A. -	1948
Renner, Johannes Theodore Erich, B.A. -	1950	Robertson, Clara Enid, B.A. -	1929
Rennie, Edward James Cadell, M.E.		Robertson, David Stirling, B.Sc. -	1941
(B.Sc., 1906, surrendered for B.E.,		Robertson, Donald Alexander, LL.B. -	1934
1913) -	1919	Robertson, Gwendoline Katherine, B.Sc. -	1948
Retallick, Bruce James, B.A. -	1935	Robertson, Hall, B.E. -	1948
B.Sc. -	1939	Robertson, Ian Robert, B.E. -	1948
Reynolds, Beatrice Mary Heywood,		Robertson, Iris Esther, M.A. -	1925
B.A. -	1924	Robertson, James Struan, Ph.D.	
Reynolds, Howard, B.Sc. -	1950	(D.Phil., Oxford) -	1950
† Reynolds, James Alan, B.E. -	1953	Robertson, Kenneth James, M.D.S. -	1953
Reynolds, John Heywood, B.A. -	1928	† Robertson, Leon Medley, B.E. -	1951
Reynolds, Lilo, B.A. -	1948	Robertson, Nancy Douglas, B.Sc. -	1945
† Reynolds, Maxwell Andrew, B.Sc. -	1951	Robertson, Ronald Peter, M.B., B.S. -	1945
Reynolds, Maxwell Stanley, B.A. -	1948	Robertson, Sydney Clifford, B.Sc. -	1922
Rhodes, Gwendoline Maude, LL.B. -	1939	M.E. -	1935
Rice, John David, M.B., B.S. -	1930	Robertson, Thorburn Stirling Brails-	
Rice, Lawrence John, M.B., B.S. -	1948	ford, B.Sc. -	1948
* Rice, Patrick William, M.B., B.S. -	1915	M.B., B.S. -	1953
† Rice, Phillip John, LL.B. -	1951	Robertson, William Godfrey Pitcher,	
Rice, Therese Marie, M.A. -	1947	Ph.D. -	1953
		† Robin, Angus Geoffrey, B.Sc. -	1952

* Deceased.

† Not yet Members of the Senate.

Robin, Charles Ernest, B.A. - - -	1886	*Russell, Herbert Henry Ernest, M.B., Ch.B. (Melbourne, 1899) - - -	1899
Robin, Elizabeth Anne, B.Sc. - - -	1949	M.D. - - - - -	1905
°Robin, Rowland Cuthbert, M.E. - - -	1932	Russell, Janet Barbara, M.B., B.S. - - -	1947
Robinson, Arthur James, B.E. (Mel- bourne, 1929) - - - - -	1937	Russell, John Samuel, B.Ag.Sc. - - -	1948
Robinson, Donald Neil, M.B., B.S. - - -	1948	Russell, Robert Alfred, M.B., B.S. - - -	1943
Robinson, Edgar, LL.B. - - - - -	1912	Russell, Ronald Edyvane, M.B., B.S. - - -	1946
Robinson, Edwin George, M.Sc. - - -	1947	Russell, Walter Alfred, M.B., B.S. - - -	1935
Robinson, Marie Patricia, B.A. - - -	1941	Ryan, Edward Clifford Lee, M.B., B.S. - - -	1935
Robinson, Mary Kelly, M.Sc. - - -	1951	Ryan (nee Pank), Gladwys Ruth, B.A. - - -	1933
°Robinson, Sir Roy Lister, B.Sc. - - -	1903	Ryan, John William, B.Ag.Sc. - - -	1950
Robjohns, Henry Collin, M.B., B.S. - - -	1932	Ryan, Michael Rupert, B.A. - - -	1939
Robjohns, Leonard, B.A. (Sydney, 1894) - - - - -	1920	Ryan, Naomi Rosslyn, M.B., B.S. - - -	1940
Rochlin, Aaron, LL.B. - - - - -	1921	Ryan, Victor Lloyd Percival, LL.B. - - -	1938
Rochlin, Elijah, LL.B. - - - - -	1928	Rymill, Frances Carstairs, B.A. - - -	1936
†Rodbourn, Arthur, B.Ec. - - - - -	1951		
Rodda, Harold James, M.Sc. - - - - -	1945	S	
Roder, John Herbert, M.A., LL.B. - - -	1951	Sabine, Ernest Maurice, LL.B. - - -	1891
Rodger, Geoffrey James, B.Sc. - - -	1915	†Sabolich, Thomas Matthew, B.E. - - -	1952
†Rodger, John Geoffrey, B.E. - - - - -	1953	Saddler, Bruce Allder, B.E. - - - - -	1931
Rogers, Frances Ada, B.A. - - - - -	1928	†Sage, Harold Robert, B.A. - - - - -	1953
†Roe, Geoffrey, Palmer, B.Ag.Sc. - - -	1951	Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948) - - - - -	1951
Rofhrs, Herma Erika, B.A. - - - - -	1945	†Sainsbury, Robert William James, B.E. - - -	1951
Rofe, Bryan, B.Sc. - - - - - - -	1939	Saksena, Hari Krishna, Ph.D. - - - - -	1953
Rogers, Charles Malcolm, B.E. - - - - -	1939	Salter, Douglas Munro, M.B., B.S. - - -	1926
†Rogers, Ian Frederick, B.D.S. - - - - -	1951	Salter, William Fulton, M.B., B.S. - - -	1936
Rogers, Irene Blanche, M.A. - - - - -	1932	Samelowitz, Neil, M.B., B.S. - - - - -	1950
†Rogers, John Andrew, M.B., B.S. - - -	1952	Sampson, Dulcie Joyce, Mus.Bac. - - -	1938
Rogers, Leslie Sanders, B.D.S. (Mel- bourne, 1923) - - - - -	1925	†Sampson, John Coffey, B.D.S. - - - - -	1951
Rogers, Theodore Stansfield, B.E. - - -	1928	Samuel, Geoffrey, M.Sc. - - - - -	1926
Rogers, William Percy, Ph.D. (London)	1952	Samuel, Helen Josephine, B.A. - - - - -	1939
Rolland, James Alexander, M.B., B.S. - - -	1917	†Sandeman, Ronald John, B.Sc. - - - - -	1951
Rolland, James Alexander Bryan, M.B., B.S. - - - - -	1943	Sandcock, Alfred Mervyn, B.A. - - - - -	1936
Rolland, William Maitland, B.A. - - -	1936	Sandcock, Rex Glynde, B.Sc. (Eng.) - - -	1943
Rollison, John William, M.B., B.S. - - -	1925	Sanders, Grace Annie, B.A. - - - - -	1920
Ronai, Tibor, M.B., B.S. - - - - -	1948	Sanders, Harold William, B.A. - - - - -	1912
Ronald, Ian Douglas, B.D.S. - - - - -	1950	Sanders, Irma Mary, B.A. - - - - -	1943
Rook, Kevin Maxwell, B.Sc. - - - - -	1947	Sanders, John Veysey, B.Sc. - - - - -	1944
Rooney, Clifford, B.Sc. - - - - -	1929	Sanders, Mostyn Clifford, B.Sc. - - - - -	1944
Rooney, Gwenth Minnie, B.A. - - - - -	1934	Sanders, Robert William, B.E. - - - - -	1948
Rooney, Lois Josephine, B.A. - - - - -	1945	Sanderson, John Gavin, B.Sc. - - - - -	1950
Rooney, Marjorie Winnifred, B.A. - - -	1949	Sanderson, Kenneth Villiers, M.B., B.S. - - -	1943
†Rose, Gordon Albert, B.E. - - - - -	1951	†Sanderson, Peter Robin, B.E. - - - - -	1952
Rosenberg, Mendel Wolf, M.B., B.S. - - -	1942	Sandery, Charles Arthur, LL.B. - - - - -	1921
Rosenhain, Geoffrey, M.A. - - - - -	1950	Sandford, Alastair Wallace, M.A. (Ox- ford, 1937) - - - - -	1948
Rosman, Frank Edgar, B.Sc. - - - - -	1908	Sandford, Robert Max, B.Sc. - - - - -	1943
Ross, Alexander David, D.Sc. (Glas- gow) - - - - -	1926	Sandison, Alexander, M.B. (Edinburgh, 1906) - - - - -	1906
Ross, Dudley Bruce, LL.B. - - - - -	1914	Sando, Allan Frederick (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - - -	1945
†Ross, Nadeen Adoree, B.A. - - - - -	1951	†Sando, Maurice James Wilson, M.B., B.S. - - - - -	1953
Ross, Sydney George Frederick, B.E. - - -	1949	†Sandover, William Ewan, M.B., B.S. - - -	1951
Ross, William Alexander, LL.B. - - - - -	1947	†Sandow, Richard Henry, B.D.S. - - - - -	1951
Rossiter, James Leonard, M.A. - - - - -	1912	Sands, Desmond Montague Willington, B.D.S. - - - - -	1934
Rounsevell, James Corryton, B.E. (In- terim B.Sc. (Eng.), 1945, surren- dered) - - - - -	1947	Sangster, Alexander Keith, LL.B. - - - - -	1934
Rowe, Albert Percival, B.Sc. (London, 1922) - - - - -	1948	Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931) - - - - -	1941
Rowe, Allan Gordon, M.B., B.S. - - - - -	1942	Sangster, David Flower, B.Sc. - - - - -	1945
Rowe, Colin Davies, LL.B. - - - - -	1934	Sangster, John William, M.B., B.S. - - -	1939
Rowe, Ernest Thomas, B.Sc. - - - - -	1920	Sansom, Joyce Mary, Mus.Bac. - - - - -	1947
Rowe, Fletcher David, M.B., B.S. - - -	1945	Sargent, Rex James, M.B., B.S. - - -	1929
Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered) - - - - -	1949	Sarre, Malcolm Glen, M.B., B.S. - - -	1945
Rowe, Stanley Edgar, B.Sc. - - - - -	1950	Sarre, Vera Georgina, B.A. - - - - -	1917
Rowe, William Vivian, M.B., B.S. - - -	1948	†Sarre, Winifred Grace, B.A. - - - - -	1953
Rowell, Keith Addison, B.E. - - - - -	1933	†Sasse, Wolfgang Hermann Fritz, B.Sc. - - -	1953
Rowland, John Howard, LL.B. - - - - -	1937	†Sauer, Henri Hugo Albert, M.B., B.S. - - -	1952
Rowlands, Edward John, B.Sc. - - - - -	1948	†Saulite, Elfrida, B.D.S. - - - - -	1952
†Rowley, Rex Cameron, B.Sc. - - - - -	1951	†Saunders, John Milton, M.B., B.S. - - -	1952
Rudall, Reginald John, LL.B. - - - - -	1906	Saunders, Pepita Cerda, LL.B. - - - - -	1925
Rudd, Eric Aroha, B.Sc. - - - - -	1930	Savage, Arthur Charles, M.B., B.S. - - -	1928
Rudd, Kenneth Clive, B.A. - - - - -	1947	Sawers, Donald Alexander, B.Sc. (Eng.) - - -	1942
Rule, Vernon Arthur, B.A. - - - - -	1936	Sawers, Ronald John, M.B., B.S. - - -	1942
Russell, Albert William, M.B., B.S. - - -	1949	Sawley, Darrell Frederick, B.Sc. - - -	1929
Russell, Alfred Burgess, M.B., B.S. - - -	1919	Scales, William Arthur, LL.B. - - - - -	1930
Russell, Ernest Alfred David, M.B., B.S. - - - - -	1949	†Scarborough, Eric Charlton, B.E. - - -	1951
Russell, Ernest Albert Harold, M.B., B.S. - - - - -	1911	Scarfe, Elwyn Bewell, LL.B. - - - - -	1940
Russell, Frank Henderson, B.E. - - - - -	1950	Scarfe, James Hamilton, B.E. (In- terim B.Sc. (Eng.), 1945, surren- dered) - - - - -	1948

* Deceased.

† Not yet Members of the Senate.

Scarlett, Robert Dalley, Mus.Doc.	- - - -	1934	B.Sc. (Eng.), 1949, surrendered)	- - - -	1951
Schache, Alma Olga Antonia, B.A.	- - - -	1909	Sharpe, Edmund John, B.E.	- - - -	1932
Schafer, Carl Hannafor, M.B., B.S.	- - - -	1919	*Sharpe, William George, B.Sc.	- - - -	1936
Schafer, Max Ernest Hannafor, B.D.S.	- - - -	1923	Shaw, Alice Mary Stockdale, B.A.	- - - -	1929
†Schirmer, Gerhart Percy, B.Ec.	- - - -	1951	Shaw, James Barry, B.Sc.	- - - -	1904
Schmidt, Lewis Walter, B.Sc.	- - - -	1940	Shaw, Joan Harnbly, B.A.	- - - -	1947
Schneider, Michael, M.B., B.S.	- - - -	1925	Shaw, John Robert Stockdale, M.A.	- - - -	1933
Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932)	- - - -	1946	Shaw, Peter John Randall, B.Sc.	- - - -	1949
Schneider, Walter Herman, M.E.	- - - -	1945	†Shea, Brian Joseph, M.B., B.S.	- - - -	1951
Schneider, Wilfred, B.E.	- - - -	1922	Shearer, Clifford, George Tregea, B.A. B.Ec.	- - - -	1931
Schneider, Wilfred Carl, M.A.	- - - -	1932	Shearer, Harvey Albert, B.A.	- - - -	1937
Scholar, Ernest, B.A.	- - - -	1941	Shedley, Alfred Charles, B.Sc.	- - - -	1936
Schroder, Judith, B.Sc.	- - - -	1950	†Sheedy, Redmond Stuart Pamell, M.B., B.S.	- - - -	1919
Schubert, Frank Helmut, B.A.	- - - -	1934	Shellshear, Joseph Lexden, M.S. (Syd- ney, Ch.M., 1907)	- - - -	1952
Schudmak, Henry, M.B., B.S.	- - - -	1940	Shepherd, Stanley Maxwell, B.Sc.	- - - -	1926
†Schuetz, Harold Edwin, B.A.	- - - -	1953	Shepherd, David Wickham, M.B., B.S.	- - - -	1948
Schulz, Adolf John, B.A.	- - - -	1905	Shepherd, Elizabeth Miriam, B.A.	- - - -	1938
M.A. (Ph.D., Zurich, 1908)	- - - -	1909	Shepherd, Geoffrey Lincoln, LL.B.	- - - -	1947
Schulz, Ernst Adolph, B.E.	- - - -	1931	Shepherd, John Alfred, B.A.	- - - -	1930
Schultz, Gordon Ray, B.A.	- - - -	1950	Shepherd, John Henry, B.A.	- - - -	1929
Schulze, Robert George, M.B., B.S.	- - - -	1947	Shepherd, John Henry, B.A. M.Sc.	- - - -	1935
Schutz, Raymond Alfred, B.E.	- - - -	1949	†Shepherd, Reginald George, B.Sc.	- - - -	1947
Schwab, Gordon Ernest, B.Sc.	- - - -	1950	Shepley, Arthur Raymond, B.Sc.	- - - -	1953
Schwarz, Eugene Robertson, B.Sc.	- - - -	1939	B.E.	- - - -	1923
Scobie, John Hedger, M.B., B.S.	- - - -	1949	†Shepley, Estelle Ann, B.Sc.	- - - -	1924
Scoble, Sidney John, B.A.	- - - -	1936	Shepley, Leslie Herbert Hamilton, LL.B.	- - - -	1953
Scollin, James, B.D.S.	- - - -	1932	Sheppard, Mark Yeatman, M.B., B.S.	- - - -	1909
Scott, Alfred Eric, M.Sc.	- - - -	1928	Sheppard, Robert Alexander William, B.Sc.	- - - -	1942
Scott, Jeffrey Frank, LL.B.	- - - -	1949	Shield, Judith Adelaide, B.A.	- - - -	1948
Scott, Michael Arthur Macdonald, M.A. (M.Sc. National University, Ireland, 1934)	- - - -	1953	Sherlaw, Howard Alison, LL.B.	- - - -	1902
Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered for B.E., 1913)	- - - -	1913	Sherlaw, Norman Craig, B.E.	- - - -	1949
†Scott, Trevor Dennison, B.Sc.	- - - -	1951	Shinkfield, Cecil Charles, M.A. (Cam- bridge, 1930)	- - - -	1953
Scragg, Roy Frederick Rhodes, M.B., B.S.	- - - -	1946	Shinkfield, Marian Ruth, B.A.	- - - -	1949
Scragg, Walter Robert Lambert, B.A.	- - - -	1950	Shipway, Graham Stuart, M.B., B.S.	- - - -	1916
Scriven, Murray Walter, B.A.	- - - -	1947	Shirpurkar, Gajanan Ramchadra, M.Sc.	- - - -	1949
†Scriven, Wilton Maxwell, B.Sc.	- - - -	1953	Shoebidge, Ivan, LL.B.	- - - -	1929
†Scrutton, Patricia Margaret, B.A.	- - - -	1951	Short, David Weddell, M.B., B.S.	- - - -	1940
Seaman, Gilbert Frederick, B.Ec.	- - - -	1935	Short, Kerwin Alfred Robert, B.E.	- - - -	1927
†Seaman, Keith Douglas, B.A.	- - - -	1951	Short (nee Stephens), Lillian Mary Theakstone, M.A.	- - - -	1938
Searle, Clifford Alfred James, B.A.	- - - -	1937	Shortridge, Dennis Thorman, M.B., B.S.	- - - -	1938
Searle, Frederick John, B.A.	- - - -	1902	Shrowder, Ronald Louis, B.A.	- - - -	1940
Searle, Hartley Malcolm, B.A.	- - - -	1932	†Shub, Samuel, M.B., B.S.	- - - -	1953
B.Sc.	- - - -	1935	Shuter, Richard Ernest, M.B. (Mel- bourne, 1891)	- - - -	1895
Sears, Harold William, B.Sc.	- - - -	1943	Sibly, Pamela Maslin, M.Sc.	- - - -	1950
†Seanson, William George, B.E.	- - - -	1953	Sibthorpe, Gwenyth, M.B., B.S.	- - - -	1946
Seedsman, Donald John, B.Sc.	- - - -	1948	Sieber, Clarence Bertram, B.E.	- - - -	1926
†Seedsman, Kenneth Reginald, B.Sc.	- - - -	1948	Siegele, John Louis, B.Sc.	- - - -	1945
Seekamp, Jack Victor, B.Ag.Sc.	- - - -	1942	Sigmont, Victor Charles, B.A.	- - - -	1950
Segnit, Edgar Ralph, M.Sc.	- - - -	1945	Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	- - - -	1947
Segnit, Ralph Walter, B.Sc. (Oxford, 1922)	- - - -	1922	Simmonds, David Hubert, M.Sc.	- - - -	1948
Seidler, Jan Hynec, B.Sc.	- - - -	1950	Simmonds, Rachel Elizabeth, B.A.	- - - -	1948
Seith, Wolfram Immanuel, M.B., B.S.	- - - -	1949	Simmons, Donald William, B.Ec.	- - - -	1949
Sellers, Ada, B.A.	- - - -	1928	Simmons, Geoffrey Clive, B.Sc.	- - - -	1945
Selth, Donald Victor, B.A.	- - - -	1949	†Simmons, Marie Yvonne, B.A.	- - - -	1952
†Selth, Geoffrey, Poole, B.A.	- - - -	1951	Simons, Alfred, M.B., B.S.	- - - -	1942
Semler, Clifford Gerhardt, M.B., B.S.	- - - -	1940	†Simons, Arthur Nicholas, B.Sc.	- - - -	1951
Semmens, Francis John, B.Sc.	- - - -	1928	Simpson, Alfred Moxon, B.Sc.	- - - -	1930
Semmler, Clement William, M.A.	- - - -	1938	Simpson, Donald Allen, M.B., B.S.	- - - -	1949
Semple, Kenneth Hugh, B.A.	- - - -	1950	Simpson, Frederick William, M.B., B.S.	- - - -	1934
Senior, Lionel Rupert, B.Sc.	- - - -	1929	Simpson, Hugh Denney, B.Sc.	- - - -	1920
B.A.	- - - -	1947	B.A.	- - - -	1921
†Senior, Rex Clifton, M.B., B.S.	- - - -	1952	Simpson, Penelope Margaret, B.Sc.	- - - -	1949
Seppelt, Ian Howe, B.Sc.	- - - -	1932	Simpson, Robert Allen, B.E.	- - - -	1934
Seppelt, Yvonne Granville, M.B., B.S.	- - - -	1946	Sims, Eric Baldwin, M.D. (M.B., B.S., 1940)	- - - -	1948
Sergeant, Maxwell Stuart, LL.B.	- - - -	1934	Sims, Milton Reginald, B.D.S.	- - - -	1950
Sewell, Charles Edward, LL.B.	- - - -	1886	Sims, Roxy, B.A.	- - - -	1933
Sexton, Edgar Raymond, B.A.	- - - -	1931	Sinclair, Walter Gordon Clyde, B.Sc.	- - - -	1923
Shanahan, Patrick William, M.B., B.S.	- - - -	1928	Sinclair, William Malcolm, M.B., B.S.	- - - -	1911
Shannon, James Stanley, B.Sc.	- - - -	1949	Singh, Rajendra, Ph.D.	- - - -	1953
Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	- - - -	1949	Skewes, Edward Foster, LL.B.	- - - -	1917
Shannon, Richard John, B.E.	- - - -	1949	Skinner, Brian John, B.Sc.	- - - -	1950
†Shapley, William George, B.E.	- - - -	1952	Skinner, Cecil Reginald Allenby, B.E.	- - - -	1949
Sharley, Elma May, B.A.	- - - -	1937			
Sharman, Arthur Edward, B.E.	- - - -	1926			
Sharman, Ethel Olive, B.A.	- - - -	1915			
†Sharp, Bruce Burnell, B.E. (Interim					

* Deceased.

† Not yet Members of the Senate.

Skipper, John Stark, M.B., B.S.	- -	1944	Smith, Mervyn Keith, M.B., B.S.	- -	1944
Skipper, Stanley Herbert, LL.B.	- -	1901	Smith, Primrose Mary Viner, B.A.	- -	1940
Skuce, Beryl Marion Rebecca, B.A.	- -	1934	Smith, Raydon Berry, B.E.	- -	1917
†Sladdin, John Naulty, M.B., B.S.	- -	1953	Smith, Raymond Thomas, B.Sc.	- -	1932
Slade, John Harman, M.B., B.S.	- -	1946	Smith, Richard Miln, B.Sc.	- -	1948
Slade, Kathleen Nellie, B.A.	- -	1942	Smith, Robert James Brazil, B.D.S.	- -	1921
†Slater, Allan, B.E.	- -	1953	Smith, Ronald Norman, B.E.	- -	1939
†Slattery, Francis James, B.E.	- -	1952	†Smith, Rayner Whitmore, M.B., B.S.	- -	1953
†Slattery, Mary, B.A.	- -	1931	Smith, Sheila Isabel Wesley, B.A.	- -	1944
Slee, Dugald Haughton, B.Sc.	- -	1930	Smith, Sidney William, B.E.	- -	1937
B.A.	- -	1932	Smith, Stuart Meldrum, B.A.	- -	1949
Slee, Ian Bruce, B.A.	- -	1950	Smith, Vera Lisnagore, B.A.	- -	1934
Sleeman, James Garnet, M.D. (M.B., B.S., Melbourne, 1915)	- -	1927	Smith, Walter Leonard, M.B., B.S.	- -	1914
Sleeman, William John, M.B., B.S.	- -	1947	Smith, William Irving Berry, B.Sc.	- -	1940
Sloman, Arthur Raymond, B.Sc.	- -	1937	Smyth, Isabel Agnes Elkin, B.A.	- -	1905
Smale, Thomas Charles, B.A.	- -	1950	Snewin, Gwendoline Marjorie Jean, B.A.	- -	1925
†Smallacombe, Roy Frederick, B.A.	- -	1953	†Snewin, John Arthur, LL.B.	- -	1951
Smart, John Jamieson Carswell, M.A. (Glasgow, 1946)	- -	1951	Snow, Richard Adrian Wilfrid, B.D.S.	- -	1940
Smart, Lawrence Maxwell, B.D.S.	- -	1950	Snow, Wilfred Rippon, B.E.	- -	1914
Smeaton, Bronte, M.B., B.S.	- -	1898	†Soar, Dudley Thomas, B.E.	- -	1951
*Smeaton, Bronte Creagh, M.B., B.S.	- -	1928	Sobey, Iris Beatrice, B.A.	- -	1944
Smeaton, John Anthony, B.E.	- -	1939	Sobey, Reginald Roberts, M.B., B.S.	- -	1942
†Smerdon, David Rutherford, B.D.S.	- -	1951	Sollas, William Johnston, D.Sc. (Cam- bridge)	- -	1914
Smerdon, John Rutherford, B.D.S.	- -	1946	†Solly, Janet Elizabeth, M.B., B.S.	- -	1952
Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904)	- -	1934	Solly, William Warburton, B.Sc.	- -	1948
Smith, Adrian Milton, B.E.	- -	1949	Solomon, George Herbert, M.B., B.S.	- -	1927
Smith, Alfred Earle, LL.B.	- -	1937	Solomon, Helen Ethel, LL.B.	- -	1935
Smith, Alick Hardy, B.A.	- -	1948	*Solomon, Isaac Herbert, B.A.	- -	1895
Smith, Aloysius Daly Virgilius, M.B., B.S.	- -	1928	LL.B.	- -	1898
Smith, Annie Ethel, B.A.	- -	1935	Solomon, Judah Moss, B.A.	- -	1888
Smith, Brian Arnold, B.E.	- -	1940	LL.B.	- -	1891
Smith, Brian Hartley, B.E.	- -	1950	Solomon, Susan Selina, B.Sc.	- -	1890
†Smith, Cairns William Villeneuve, LL.B.	- -	1951	Solomons, Barnet, M.B., B.S.	- -	1922
Smith, Cecil Teesdale, M.A.	- -	1945	Somerset, Forbes Mitchell, B.E.	- -	1941
Smith, Cedric Alfred Neal, B.Ag.Sc.	- -	1933	Somerville, Archibald Shierlaw Ralph, LL.B.	- -	1922
Smith, Daisy Maude, B.A.	- -	1922	†Somerville, Christopher Malcolm, B.D.S.	- -	1952
Smith, David Carswell, B.A.	- -	1931	Somerville, Dorothy Christine, B.A.	- -	1918
†Smith, David Floyd, B.Ag.Sc.	- -	1951	LL.B.	- -	1921
†Smith, David Gordon Law, M.B., B.S.	- -	1953	Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered for B.E., 1919)	- -	1919
Smith, David Nichol, D.Litt. (Camb.)	- -	1951	Somerville, Sescia Lewin, B.A.	- -	1916
Smith (nee Gardner), Edith Josephine Viner, B.A.	- -	1906	Sorrell, Margaret Walter, B.A.	- -	1925
Smith, Edward Mackie, B.E.	- -	1939	†Soukup, Dorothy Mavis, M.B., B.S.	- -	1951
Smith, Edward Rowland, B.Sc.	- -	1942	Souter, Douglas Todd, M.B., B.S.	- -	1949
†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.	- -	1921
Smith, Harold Reid, LL.B.	- -	1939	Southcott, Ronald Vernon, M.B., B.S.	- -	1941
†Smith, Ian Darian, M.B., B.S.	- -	1951	Southwood, Albert Ray, M.D. (M.B., B.S., 1916)	- -	1920
Smith, Iris Eileen, B.A.	- -	1930	M.S.	- -	1925
†Smith, Ivan Ford, B.A.	- -	1953	Southwood, Harry Milton, B.Sc.	- -	1936
Smith, Jack Edwin, B.Sc.	- -	1934	M.D. (M.B., B.S., 1932)	- -	1943
Smith, James Clyde, B.E.	- -	1938	*Spargo, Stanley Carr, B.A.	- -	1931
Smith, James Wearing, B.E.	- -	1924	Spark, Mavis Constance, B.A.	- -	1947
Smith, Joan Frances, B.A.	- -	1948	Sparrow, Lorna Discombe, M.A.	- -	1934
Smith, John Bertrand, B.Sc.	- -	1943	B.E.	- -	1941
*Smith, John Edgar, B.Sc. (Victoria, 1901)	- -	1919	Sparrow, Maxwell Elliott, B.E.	- -	1934
Smith, John Fife, B.A.	- -	1929	Specht, Raymond Louis, M.Sc.	- -	1950
Smith, John Jeffreys, LL.B.	- -	1932	Speirs, William McMillan, B.A.	- -	1949
†Smith, John Wasley, M.B., B.S.	- -	1953	Spencer, Donald, Ph.D.	- -	1953
†Smith, John Wilton, B.Sc.	- -	1952	†Spencer, Leslie Brian, B.Sc.	- -	1951
†Smith, Keith, LL.B.	- -	1953	Spooner, Edgar Clynton Ross, D.Sc. (Tas., 1946)	- -	1949
Smith, Keith Kenneth Masefield, B.A.	- -	1942	Sprigg, Patricia Amy, B.A.	- -	1943
Smith, Keith Viner, M.B., B.S.	- -	1939	Sprigg, Reginald Claude, M.Sc.	- -	1944
*Smith, Kenneth William Algernon, B.Sc.	- -	1923	†Sprod, Thomas Daniel, B.A.	- -	1951
Smith, Kenneth Wilnot Vernon, B.E.	- -	1937	Spruhan, Bridget Catherine, B.A.	- -	1933
†Smith, Louis Campbell, B.Ag.Sc.	- -	1951	Spry, Alan Herbert, M.Sc.	- -	1951
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered for B.E., 1914)	- -	1914	Spurling, Milton Bernard, M.Ag.Sc.	- -	1953
†Smith, Lynden Rae Forbes-, M.B., B.S.	- -	1953	Spurr, Robert Thomas, B.Sc.	- -	1948
Smith, Mary, M.A.	- -	1932	†Spurway, John Horton, M.B., B.S.	- -	1951
Smith, Mary Theresa, B.A.	- -	1935	†Sreenevasan, Gopal Ayer, M.B., B.S.	- -	1952
Smith, Maxwell Herbert, B.Sc.	- -	1940	Stace, Hubert Charles Thomas, B.Sc.	- -	1941
Smith, Melva Estelle, B.A.	- -	1942	Stace, John Hamilton, M.B., B.S.	- -	1943
			†Stacy, John Michael Sholto, B.E.	- -	1951
			Stain, Maxwell Wright, B.D.S.	- -	1944

* Deceased.

† Not yet Members of the Senate.

Stalley, Douglas John, B.Ec. - - -	1947	Stokes, Laura Joan Hartley, B.Sc. - -	1940
Stam, Robert Edward, M.B., B.S. -	1949	Stolz, Kate Sophie, B.A. - - -	1909
Stanley, Allen David, B.E. - - -	1949	Stolz, Geoffrey Ernest, B.E. (Interim	
†Stanley, Brian Charles, LL.B. - - -	1953	B.Sc. (Eng.), 1947, surrendered) -	1949
Stanley, Laurence John, LL.B. - - -	1925	Storch, Wilhelm Murray, B.A. - - -	1938
Stanley, Neville Fenton, B.Sc. - - -	1942	†Stover, Gerald Burdon, B.Sc. - - -	1952
Stanton, Robert Anthony, B.D.S. - -	1950	Storer, Laurel Jean, B.A. - - -	1937
†Stapledon, David Hiley, B.Sc. - - -	1951	Story, Gordon Malcolm, B.E. - - -	1950
Stapledon, Roger Johnson, B.E. (Interim		†Stoutjesdijk, Albert Diederik Johan,	
B.Sc. (Eng.), 1944, surrendered)		M.B., B.S. - - -	1953
Statton, Arthur Knight, B.Sc. - - -	1949	Strachan, James Charles Power, M.B.,	
Statton, Josiah William, B.Sc. - - -	1922	B.S. - - -	1914
Statton, Keith Jeffery, M.B., B.S. -	1921	*Strahan, Anthony William, B.A. - - -	1934
1944		Strange, Audrey Mavis, B.A. - - -	1944
Staupe, Clarence Herman, B.A. - - -	1947	Strange, Malcolm Leslie, M.A. - - -	1951
Stead, Sydney Arnold, B.Sc. - - -	1933	Stratmann, Paul Franz, M.B., B.S. -	1933
Steele, David Macdonald, M.B., B.S. -	1909	†Strawbridge, Albert Gordon, B.A. - - -	1951
Steele, Donald Macdonald, M.B., B.S. -	1919	Strehlow, Theodor Georg Heinrich,	
Steele, Ian Macdonald, M.B., B.S. -	1948	M.A. - - -	1938
Steele, Kenneth Nugent, M.B., B.S. -	1914	Streich, Carl Ivo, M.B., B.S. - - -	1919
Steele, Laurence Russell, B.E. - - -	1940	†Stempel, Allan Arthur, B.E. - - -	1952
†Steele, Robert Ernest, M.B., B.S. -	1952	Stribley, Edwin John, M.A. - - -	1925
Steele, Robert Thornborough, M.B.,		Stribling, Ada Florence, B.A. - - -	1925
B.S. - - -	1942	Stuart, Noel Harry, B.Sc., B.E. - - -	1928
Steele (nee Morris), Shirley Victoria,		†Stubber, Leo Anthony, M.B., B.S. - - -	1953
LL.B. - - -	1933	Stuckey, Edward Joseph, B.Sc. - - -	1895
Stephens, Charles Francis, B.Sc. - - -	1897	M.B., B.S. - - -	1903
Stephens, Charles George, D.Sc. - - -	1950	Stuckey, Francis Seavington, B.Sc. -	1896
Stephens, Ella Mary, B.A. - - -	1915	*Stuckey, Rupert Bramwell, LL.B. - - -	1898
Stephens, Eric Goyne, B.Sc. - - -	1912	Sturmey, Stanley George, M.Ec. - - -	1953
†Stephens, John Felton, B.Sc. - - -	1953	Sudholz, Herbert Frederick, B.D.S. - -	1930
†Stephens, Richard Clarence, B.D.S. -	1951	Sugg, Bentham Horace, B.A. - - -	1934
†Stephens, Sylvester Kevin, B.E. - - -	1951	Sullivan, Margaret Rendle, B.A. - - -	1943
Stephenson, James Lewis, B.Ec. - - -	1944	†Sullivan, Maxwell Douglas, B.Ec. - - -	1951
†Stephenson, John Roy Becket, B.A. -	1952	Sullivan, Phillip Grose, B.Sc. - - -	1942
Stephenson, Leonard Allenby, B.Sc.		Summers, Frank Henry, B.Sc. - - -	1923
(Eng.) - - -	1943	†Sumner, Donald Ernest Wesley, M.B.,	
Stephenson, Thomas Howard, B.E. - - -	1933	B.S. - - -	1952
Steven, Walter Edward, M.B., B.S. -	1920	Sumner, Donald James Robert, M.B.,	
Stevens, Aubrey Clement, M.A. - - -	1923	B.S. - - -	1922
Stevens, Edgar Loveday, LL.B. - - -	1919	Susman, Shirley Jean, B.Sc. - - -	1947
Stevens, John Alfred Fortington, B.D.S.	1948	Suter, Alfred Charles, B.Sc. (Liverpool,	
†Stevens, Richard Barrymore, B.E. -	1952	1910) - - -	1912
Stevens, Robert Peter (Interim B.Sc.		Sutherland, Hamilton D'Arcy, M.S.	
(Eng.), 1942, surrendered) B.E. -	1945	(M.B., B.S., 1937) - - -	1944
†Stevens, William Edward, B.E. - - -	1952	Sutton, David John, B.Sc. - - -	1948
Stevenson, Arthur James, B.E. - - -	1937	†Sutton, Laura Margaret, B.A. - - -	1953
Stevenson, Donald George, M.Sc. - - -	1952	Swaine, Cyril David, M.B., B.S. - - -	1942
Stevenson, Frances Aimee, B.A. (Tasmania,		Swan, Alan Keith, B.A. - - -	1943
1923) - - -	1926	Swan, Charles Spencer, M.D. (M.B.,	
†Steward, Harold Dunning, M.B., B.S.	1951	B.S., 1935) - - -	1941
†Stewart, Alastair Keith McKellar, M.B.,		D.Sc. - - -	1947
B.S. - - -	1951	Swan, Duncan Campbell, M.Sc. (B.Sc.,	
Stewart, Colin Gore, B.A. - - -	1914	W.Aus.) - - -	1935
†Stewart, Donald Peter Sinclair, B.Ec.	1952	Swan, Hilda Mary, B.A. - - -	1940
Stewart, Edgar Douglas James, B.E. -	1947	*Swan, John Brian, B.A. - - -	1943
†Stewart, Henry William James, B.E. -	1952	*Swan, Warren Alexander, B.A. - - -	1905
Stewart, John Innes Mackintosh, M.A.		Swann, Eric John, M.B., B.S. - - -	1924
(Oxford, 1935) - - -	1935	†Swann, Mary Caroline, B.Sc. - - -	1951
*Stewart, John McKellar, M.A. (D.Phil.,		Swanson, Albert Frederick Daniel,	
Edinburgh, 1911) - - -	1923	B.A. - - -	1940
Stewart, John Samuel, M.B., B.S. - -	1939	Swanson, Thomas Baillie, M.Sc. - - -	1936
Stewart, John Stewart McKellar, M.B.,		Swayne, Joseph, B.A. (National, Ire-	
B.S. - - -	1942	land, 1915) - - -	1921
Stewart, Margaret McKellar, B.A. - -	1937	Sweeney, Gordon, B.E. - - -	1924
Stewart, Vernon Allan Fergusson,		Sweeney, James Gladstone, M.B., B.S.	1915
M.B., B.S. - - -	1939	†Sweeney, John Gladstone, M.B. B.S. -	1951
Stidson, Matthew Alfred Clement,		Sweeney, Mary Ryan, B.A. - - -	1932
B.Sc. - - -	1936	†Sweeney, Robert James, M.B., B.S. -	1953
Stoate, Theodore Norman, D.Sc. - - -	1953	Sweeney, Murray Frank, B.E. - - -	1950
*Stoble, James Cyril, M.E. - - -	1932	Sweetapple, George Frederick, B.Sc. -	1945
†Stobie, Peter James, M.B., B.S. - - -	1952	Swift, Brian Herbert, M.B., B.S. (Cam-	
Stockbridge, Edgar Lambert, B.E. - -	1924	bridge, 1916) - - -	1920
†Stockbridge, John Keith, M.B., B.S. -	1953	M.D. (Cambridge, 1936) - - -	1936
†Stodart, Barbara Joan, B.A. - - -	1953	Swift, Harry Houghton, B.E. - - -	1915
†Stodart, Donald McLean, B.E. - - -	1951	Swift, Vera May, B.A. - - -	1935
Stoddart, Harold William Downing,		†Symes, William David, M.B., B.S. -	1952
M.B., B.S. - - -	1911	Symon, Charles James Ballarat, M.A.	
Stokes, Anne, B.Sc. - - -	1943	(Oxford, 1919) - - -	1932
Stokes, John, M.A. - - -	1948	Symon, David Eric, B.Ag.Sc. - - -	1950
†Stokes, John Barrymore, M.B., B.S. -	1951	Symonds, Edwin Joseph Truman, B.E.	1926
Stokes, John Lewis, M.B., B.S. - - -	1941	Symonds, George Burnett Lionel, B.E.	1919
Stokes, Judith, B.A. - - -	1947	Symonds, John Lloyd, B.Sc. - - -	1944

° Deceased.

† Not yet Members of the Senate.

Symonds, Ruth Caust, B.A. - - - -	1950	Thomas, Milton, B.Sc. - - - -	1950
Symonds, Wybert Milton Caust, B.Sc.	1925	Thomas, Richard Grenfell, B.Sc. - -	1924
Symons, Clifford Thomas, M.A. - - -	1936	Thomas, Trevor Wilson, B.A. - - -	1939
Symons, Edgar John, B.E. (Interim		† Thomas, Walter Warren, B.E. - - -	1951
B.Sc. (Eng.), 1945, surrendered)	1948	† Thomas, Wesley James, B.Sc. - - -	1952
Symons, Eric Lindsay, M.B., B.S. - -	1917	Thomas, William Lancelot, B.A. - - -	1925
Symons, Frederick William, B.E. - - -	1926	Thompson, Aileen Joyce, B.Sc. - - -	1950
Symons, Jack Gilroy, B.E. - - - -	1936	Thompson, Alexander McQueen, M.B.,	
Symons, Lloyd Alfred Grigg, B.A. - -	1928	B.S. - - - -	1937
Symons, Reginald Albert, LL.B. - - -	1927	Thompson, Douglas Norman, B.Sc. -	1949
		Thompson, Frederick Verner, B.Sc.	
		(Eng.) - - - -	1948
		Thompson, Jean Fleming, B.A. - - -	1928
† Tæuber, Robert Lindsay, B.Sc. - - -	1951	Thompson, Jessie Mildred, B.A. - - -	1939
Tamblyn, Eric Joseph, M.B., B.S. - - -	1936	Thompson, John Robert, M.B., B.S. -	1938
† Tanko, Robert Seymour, B.D.S. - - -	1951	Thompson, John Ronald, B.D.S. - - -	1941
Tanner, Garnet Albert, B.E. - - - -	1932	Thompson, Leonard Arthur, B.D.S. - -	1950
Tanner, George Pelham, B.A. (Oxford,		† Thompson, Malcolm James, B.Sc. - -	1953
1908) - - - -	1912	† Thompson, Maxwell Andrew, B.E. - -	1952
† Tansell, Robert Cameron, B.E. - - -	1952	Thompson, Rex Palmerstone, B.S. - -	1948
Tapp, Adrian Lynda, B.A. - - - -	1928	Thompson, Thomas Alexander, B.Sc. -	1896
Tapp, William Pelton, B.E. - - - -	1950	Thomson, Arthur Melville, B.Sc. - -	1936
Tardrew, Philip Leslie, B.Sc. - - - -	1945	Thomson, Bruce James, B.Sc. - - -	1950
Tassie, Gemmel, M.B., B.S. - - - -	1926	† Thomson, Cedric Jeffrey, LL.B. - - -	1951
Tassie, Jean Reid, B.A. - - - -	1914	Thomson, Joanna Eristoun, B.A. - - -	1948
Tassie, Joyce Gemmel, B.Sc. - - - -	1940	Thomson, Lindsay Donald, B.E. (In-	
Tassie, Leslie Gemmel, M.B., B.S. - -	1912	terim B.Sc. (Eng.), 1943, surren-	
Tassie, Robert Wilson, B.E. (B.Sc.,		dered) - - - -	1947
1907, surrendered for B.E., 1918) -	1918	Thomson, Linda Lovibond, B.D.S. - -	1926
Tattersall, Ila, B.A. - - - -	1944	Thomson, Sydney William, B.D.S. - -	1930
† Taylor, Brian Breslin, B.E. - - - -	1952	Thomson, Theodore Roderick, M.B.,	
Taylor, Colin Stephen, B.E. - - - -	1948	B.S. - - - -	1947
Taylor, Donald William, B.E. - - - -	1931	Thomson, Vera Audrey, B.A. - - - -	1947
† Taylor, Douglas McLeod, B.A. - - - -	1951	Thomson, William, B.A. - - - -	1936
Taylor, Geoffrey Hamlet, M.Sc. - - - -	1953	† Thornton, Digby Noel, M.B., B.S. - -	1951
Taylor, Herbert Richard, B.A. - - - -	1932	Thornton, Gayfield Collins, M.B., B.S.	1943
† Taylor, Jennifer Ann, B.A. - - - -	1953	Threadgill, Bessie, B.A. - - - -	1929
Taylor, Kevin Lyle, B.Sc. - - - -	1950	Thredgold, Beatrice Marie, B.A. - - -	1928
Taylor, Lindsay Birstow, B.Sc. (Eng.)	1942	Thrum, Edward Allen, B.Sc. - - - -	1921
† Taylor, Michael Gleeson, M.B., B.S. -	1951	B.E. - - - -	1924
† Taylor, Reginald Morton, B.Sc. - - - -	1951	Thrush, Harry Clifford, B.A. - - - -	1915
Taylor, Robert Herbert George, B.D.S.	1929	Thyer, Alexander Maitland, M.E. - - -	1936
† Taylor, Robert John, LL.B. - - - -	1951	Thyer, Frederick Lewis, M.B., B.S. -	1923
Taylor, Trevor Roy, LL.B. - - - -	1932	Thyer, Robert Francis, B.Sc. - - - -	1932
Tejwani, Khubo Gianchand, Ph.D. - - -	1952	† Tideman, Arthur Frederick, B.Ag.Sc. -	1953
Telfer, Eva, M.B., B.S. - - - -	1945	Tideman, Frederick William, B.E. - -	1925
Templer, Jeffrey Norman, B.E. - - - -	1941	Tidemann, Ernest Phillips, B.D.S. -	1933
† Tennant, Maxine Rita, M.B., B.S. - -	1951	Tiegs, Oscar Werner, D.Sc. (B.Sc.,	
Ternan, Verna Joyce, B.A. - - - -	1933	Queensland, 1919) - - - -	1922
Terrill, Frederick Edward, M.B., B.S.	1922	Tilbrook, Jabez Percy Harold, M.A. -	1926
Terrill, Samuel Ernest, B.Sc. - - - -	1927	Tilbrook, Norman Keith, B.E. - - - -	1949
† Tester, Donald Kenneth, B.Sc. - - - -	1951	Till, Maxwell Roy, B.Ag.Sc. - - - -	1949
Teusner, Berthold Herbert, LL.B. - - -	1931	† Tiller, Kevin George, B.Sc. - - - -	1953
Tew, John Hedley Brian, M.A. (Ph.D.,		Tiller, Kenneth Matthew John, B.Sc.	1949
Cambridge, 1940) - - - -	1947	Tilley, Cecil Edgar, B.Sc. - - - -	1914
Textler, Eva, M.B., B.S. - - - -	1942	Timcke, Edward Waldemar, B.A. - - -	1920
Textler, Karl Maria, M.B., B.S. - - -	1942	Tindale, Beryl Rae, B.A. - - - -	1948
Thiel, Colin Victor, B.Sc. - - - -	1949	Tindale, Norman Barnett, B.Sc. - - -	1932
Thiele, Colin Milton, B.A. - - - -	1941	† Tipping, Richard Michael, M.B., B.S. -	1953
† Thiele, James Barnabas, Mus.Bac. - -	1952	Tiver, Newton Stanley, M.Sc. - - - -	1947
Thiersch, Johannes Bernhard, M.D.		Tiver, Ronald Wayland, B.D.S. - - -	1943
(Freiburg, 1935) - - - -	1938	† Tolcher, Vernon Arthur, B.E. - - - -	1953
Thomas, Alfred Ian, B.E. (Interim		Tolhurst, George Arthur, B.E. (Inter-	
B.Sc. (Eng.), 1943, surrendered)	1947	im B.Sc. (Eng.), 1947, surrendered)	1949
Thomas, Alfred John Thornley, M.B.,		Tomlinson, Betty Mary, B.A. - - - -	1939
B.S. - - - -	1949	Tomlinson, William Frederick, M.B.,	
Thomas, Arthur Nutter, M.A. (Cam-		B.S. - - - -	1939
bridge, 1895) - - - -	1906	† Tonkin, Aubrey Douglas, M.B., B.S. -	1951
Thomas, Arthur Robin, B.E. - - - -	1936	† Tonkin, David Oliver, M.B., B.S. - -	1953
Thomas, Brian Gordon, M.B., B.S. - - -	1947	† Tonkin, Donald Geoffrey, B.E. - - -	1953
Thomas, David Austin Grenfell, LL.B.	1931	† Tonkin, Mary Elizabeth, B.A. - - - -	1944
Thomas, David John Saint, B.E. - - - -	1932	Tonkin, Raymond George, M.B., B.S.	1937
° Thomas, Edward Brooke, M.B., B.S. - -	1911	Tonkin, William Richards, M.B., B.S.	1921
Thomas, Harold Davey, B.E. - - - -	1935	Tooze, Mervyn John, B.Sc. - - - -	1947
Thomas, Ifor Morris, M.Sc. (Cardiff,		Topliss, John George, M.B., B.S. - -	1950
1933) - - - -	1949	Topperwien, Irwin, M.A. - - - -	1924
Thomas, Jack, B.Sc. - - - -	1934	B.Sc. - - - -	1925
Thomas, Jeffery Josiah, B.Sc. (Eng.) -	1945	Torr, Shirley Constance, B.A. - - - -	1944
Thomas, John Angus, B.Sc. - - - -	1948	† Torr, Thomas Harold, M.B., B.S. - -	1953
Thomas, Joyce Amy, B.Sc. - - - -	1949	† Tostevin, Alfred Ladyman, M.B., B.S.	1923
† Thomas, Kenneth Donald, B.A. - - - -	1953	† Tostevin, Graham Mark, B.E. - - - -	1953
† Thomas, Kenneth Hewitson, B.Ec. - - -	1953	† Tothill, Judith Windebank, B.A. - -	1953
Thomas, Margaret Helen, B.A. - - - -	1934	† Toussaint, Rose Evangeline, M.B., B.S.	1953
Thomas, Marjorie Phyllis Casley, M.B.,		† Townsend, Herbert Louis, B.A. - - - -	1941
B.S. - - - -	1927		

° Deceased.

† Not yet Members of the Senate.

†Walker, Ian Saville, B.Sc. - - - -	1952	Waterman, Joseph Elliot, B.E. (Interim	
Walker, Jane Elizabeth, B.A. (Wales)	1908	B.Sc. (Eng.), 1943, surrendered) -	1947
†Walker, John Adrian Mozar, M.B.,		Waters, Russell Kyle, B.A. - - - -	1949
B.S. - - - - -	1951	Waterson, John Gabriel, B.D.S. - - -	1945
Walker, John Schomburgk, B.Sc. - - -	1926	Watkins, Charles Thomas, LL.B. - - -	1907
Walker, Mildred, B.A. - - - - -	1928	Watkins, John Leslie, B.E. - - - - -	1933
†Walker, Reginald Jeffrey, M.B., B.S. -	1952	Watkinson, Mavis Daphne, B.A. - - -	1937
Walkington, Harvey Mawbey, B.E. - - -	1937	Watson, Arthur Harrison Edward, M.B.,	
Walkley, Allan, B.Sc. - - - - -	1927	B.S. - - - - -	1920
Walkley, Gavin, B.E. - - - - -	1934	†Watson, Arthur John, M.B., B.S. - - -	1953
M.A. (Cambridge, 1942) - - - - -	1949	†Watson, Brian, B.E. - - - - -	1953
Walkley, Joan Eileen, M.Sc. (B.Sc.,		†Watson, Donald Robert, B.E. - - - -	1951
London) - - - - -	1949	Watson, George Michael, M.B., B.S. - -	1936
Wall, Barbara Deane, M.A. - - - - -	1950	Watson, Joyce, B.A. - - - - -	1937
Wall, Frederick Lawrence, M.B., B.S.	1914	†Watson, Kenneth Graham, M.B., B.S. -	1953
Wall, Gordon Elliott, B.Sc. - - - - -	1947	Watson, Margaret Arden, B.Sc. - - -	1940
†Wall, Margaret Esther, B.Sc. - - - - -	1951	Watson, Ruth, M.Sc. - - - - -	1938
Wallace, Donald, B.A. - - - - -	1939	†Watson, Patricia Bali, M.B., B.S. - -	1952
Wallace, Frank Kenneth, M.B., B.S. -	1934	Watson, Percival, M.A. - - - - -	1931
Wallace, Robert Strachan, M.A. (Ox-		Watson, Timothy Alfred Francis	
ford) - - - - -	1926	Quinlan, M.Sc. - - - - -	1945
Wallman, Ian Stuart, M.B., B.S. - - -	1947	Watt, Fanny Eileen, M.A. - - - - -	1930
†Wallman, James Douglas Robson, M.B.,		Wattchow, Colin Edward, B.A. - - - -	1949
B.S. - - - - -	1951	Watts, Edith Isabel, B.A. - - - - -	1935
Wallman, Leigh Stuart, M.B., B.S. - -	1940	Watts, Ruth Emily, B.A. - - - - -	1949
Wallman, Neil Stuart, M.B., B.S. - - -	1944	Watts, John Clyde, B.Sc. - - - - -	1949
Wallman, Nugent Horton, LL.B. - - - -	1937	Wauchope, Diana D'Este, B.Sc. - - -	1949
†Wallman, Rex Horton, B.D.S. - - - - -	1951	Wauchope, Diosma Marie, B.A. - - -	1923
†Wallman, Richard John Robson, M.B.,		Wauchope, Frederick John, B.Sc. - - -	1930
B.S. - - - - -	1951	Wauchope, Malcolm Macdonald, B.D.S.	
Wallmann, Douglas Robson, M.B., B.S.	1918	(Melbourne, 1918) - - - - -	1924
Wallmann, Reginald Horton, LL.B. - -	1907	Wauchope, Mavis Lorelie, M.A. - - -	1936
†Walmsley, Norman Stuart, B.D.S. - - -	1952	†Waugh, William McDonald, B.A. - - -	1951
†Walmsley, Robert Leitch Eric, M.B.,		Way, Leslie Edward, B.Sc. - - - - -	1949
B.S. - - - - -	1920	Way, Neville James, M.B., B.S. - - -	1948
Walsh, Brian Richard, M.B., B.S. - - -	1950	†Way, Thomas Hubert, B.E. - - - - -	1952
Walsh, Dorothy Counley, B.A. - - - - -	1921	†Waye, Peter Neil, LL.B. - - - - -	1951
Walsh, Esmond Thomas, M.B., B.S. - - -	1926	Wearne, Enid Lois, B.A. - - - - -	1948
Walsh, Frances Mary, B.A. - - - - -	1931	Webb, Arthur Liddon, M.B., B.S. - - -	1922
Walsh, Kevin Gerald, LL.B. - - - - -	1932	Webb, Emmaline Nancy, B.A. - - - - -	1949
†Walsh, Margaret Mary, B.A. - - - - -	1951	Webb, John Edward, B.Sc. (Eng.) - -	1942
Walsh, Reginald Clarence, B.E. - - - -	1925	Webb, John Newton, M.B., B.S. - - -	1917
Walter, Harold Noel, B.E. - - - - -	1936	†Webb, Kenneth Alfred, B.E. - - - - -	1953
Walter, Hilda Blanche May, M.A. - - -	1915	Webb, Mary Gwendoline, B.A. - - - -	1937
Walter, William Ardagh Gardner, B.A.		Webb, Rita Gwendoline, B.A. - - - - -	1930
(Oxford, 1908) - - - - -	1909	†Webber, Colin Russell, B.E. - - - - -	1952
†Walters, Francis Victor Charles, B.E. -	1953	Webber, Ronald Thomas John, B.Ag.Sc.	1948
Walters, George Henry, LL.B. - - - - -	1936	Webbling, Donald D'Arcy, B.Sc. - - -	1950
Walton, Bruce Adrian, B.Sc. - - - - -	1945	Webster, Raymond Murray, B.Sc. - - -	1938
Walton, Gertrude Mary, B.A. - - - - -	1904	†Webster, Stanley George, M.B., B.S.	1951
Walz, Joseph Michael, B.A. - - - - -	1945	Webster, Wilfred Grant, B.Sc. - - - -	1949
Wannan, Douglas Copeland, B.E. (Inter-		†Weetman, Alan Russell, M.B., B.S. - -	1951
im B.Sc. (Eng.), 1945, surren-		Wegener, Clemens Frederick, B.Sc. - -	1949
dered) - - - - -	1947	Wegener, Richard Albert, B.E. - - - -	1948
Wannan, Ellen Sarah, B.Sc. - - - - -	1930	Weir, Isobel, B.A. - - - - -	1914
Ward, Cyril Michael, M.A. - - - - -	1912	Weiss, Alan Austin, B.Sc. - - - - -	1950
Ward (nee Claridge), Evelyn Dorothy,		Weiss, Donald Eric, B.Sc. - - - - -	1945
B.Sc. - - - - -	1935	Weiss, Hertha Nellie, M.A. (Ph.D.,	
Ward, Gerald Michael, LL.B. - - - - -	1949	Vienna, 1932) - - - - -	1941
Ward, Harry Lancelot, B.A. - - - - -	1920	Welbourn, Alan Egerton, B.E. - - - -	1937
Ward, Jean Russel, B.A. - - - - -	1939	Welbourn, Barbara Egerton, B.Sc. - - -	1941
Ward, John Frederick, M.A. - - - - -	1908	Welbourn, Eleanor Egerton, B.A. - - -	1948
Ward, Kevin James, LL.B. - - - - -	1949	Welch, Arthur Walter Sydney James,	
*Ward, Kevin Leonard, LL.B. - - - - -	1921	M.B., B.S. - - - - -	1923
Ward, Leonard Keith, B.E. (Sydney,		Welch, Frank Edison, M.B., B.S. - - -	1936
1903) - - - - -	1913	Welch, Horace Henry Eric, B.E. - - -	1938
D.Sc. - - - - -	1926	Weld, Elizabeth Eleanor, M.B. (Mel-	
Ward, Leonard Rosslyn, B.E. - - - - -	1932	bourne, 1901) - - - - -	1901
Ward, Margaret Kennings, B.A. - - - -	1947	Wellby, Maurice Lindsay, B.Sc. - - - -	1950
Ward, Robert Hayes, LL.B. - - - - -	1936	Weller, Raymond Alfred, B.Sc. - - - -	1948
Ward, Russel Braddock, M.A. - - - - -	1950	Wellington, Hugh Kennedy, B.E. - - -	1948
†Warden, Robert Douglas Cunningham,		†Wells, Barbara Gordon, M.B., B.S. - -	1951
LL.B. - - - - -	1951	†Wells, Cedric Bayford, B.Ag.Sc. - - -	1951
Warhurst, Barbara Wilfred, B.Sc. - - -	1938	Wells, Clarence Gordon, M.B., B.S. - -	1921
†Wark, Bruce Goodman, B.D.S. - - - - -	1953	Wells, Elizabeth Anne, B.A. - - - - -	1949
Warren, Donald Hampton, B.A. - - - - -	1942	Wells, Elizabeth Wynne, B.A. - - - -	1934
Warren, Sidney Lilla, B.A. - - - - -	1915	†Wells, Margaret Suzanne, B.A. - - -	1953
†Waterhouse, Edward John, B.Ag.Sc. - -	1953	Wells, William Andrew Noye, LL.B. - -	1945
Waterhouse, Louis David, LL.B. - - - -	1914	Welsh, James Oglesby, B.A. - - - - -	1948
†Waterhouse, Ronald Greaves, M.B.,		Wemyss, Eleanor Evelyn Beatrice,	
B.S. - - - - -	1952	M.A. - - - - -	1924
Waterhouse, Thomas Henry, B.E. (Inter-		Were, John Owen, B.A. - - - - -	1933
im B.Sc. (Eng.), 1945, surren-		Wesley Smith, Henry Elliott, B.A. - - -	1936
dered) - - - - -	1948		

† Not yet Members of the Senate.

Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926) - - - - -	1949	†Whyte, Phyllis Primrose, B.A. - - - - -	1952
West, Arthur George Bainbridge, M.A. (Oxford, 1892) - - - - -	1897	Wiadrowski, Maxwell Alfred Anton, B.A. - - - - -	1937
West, Bruce Oswald, B.Sc. - - - - -	1948	†Wibberley, Brian, B.E. - - - - -	1951
West, Doris Marjorie, B.A. - - - - -	1921	Wibberley, Brian William, B.Sc. - - - - -	1911
West, Eric Stodden, B.Sc. - - - - -	1921	M.B., B.S. - - - - -	1914
West, Esmond Frank, M.B., B.S. - - - - -	1922	Wibberley, Hermia Mary, B.A. - - - - -	1941
West, Gordon Roy, B.Sc. - - - - -	1904	†Wibberley, Judith, B.A. - - - - -	1952
M.B., B.S. - - - - -	1908	Wickett, Harold Clarence, M.Sc. - - - - -	1946
†West, John Burnard, M.B., B.S. - - - - -	1952	Wicks, Frederick Ralph, M.B., B.S. - - - - -	1923
West, John Stanley, B.E. (B.Sc., 1907, surrendered for B.E.) - - - - -	1914	Wicks, Norman Stephen Price, M.B., B.S. - - - - -	1947
West, Leonard Roy, M.B., B.S. - - - - -	1934	Wien-Smith, Geoffrey, M.B., B.S. - - - - -	1915
West, Reginald Arthur, M.A. - - - - -	1905	Wiesner, Clarence Jack, B.Sc. - - - - -	1935
West, Robert Frank, M.D. (M.B., B.S., 1935) - - - - -	1949	Wigan, Leonard James Cleveland, B.E. - - - - -	1921
Westerman, Franklina Sisley, B.D.S. - - - - -	1946	Wigg, Neil Thornburn Melrose, M.B., B.S. - - - - -	1925
Westgarth, Walter Tebble, M.A. - - - - -	1929	Wigg, Ronald Melrose, M.E. - - - - -	1945
Weston, Frank Keith, B.A. - - - - -	1950	Wight, Albert James, B.E. - - - - -	1936
Westphalen, John Arthur, B.Sc. - - - - -	1950	Wight, Albert Raymond, B.E. - - - - -	1914
†Westphalen, Kenneth John, M.B., B.S. - - - - -	1953	Wight, Hillier Clement, B.E. - - - - -	1933
Whalan, Lionel Walter, B.A. - - - - -	1948	Wight, Hugh Humphrey, B.Sc. - - - - -	1929
Wharfst, Gwendolen Elizabeth, M.A. (Oxford, 1940) - - - - -	1945	M.E. - - - - -	1937
Wheatley, Frederick William, B.A. - - - - -	1904	†Wighton, Dugald Craven, M.B., B.S. - - - - -	1953
D.Sc. - - - - -	1913	Wighton, Helen Craven, B.A. - - - - -	1938
†Wheaton, Russell Norman, B.Sc. - - - - -	1952	Wighton (nee Blackburn), Rosemary Neville, B.A. - - - - -	1945
Wheeler, Harry Winslow, B.Sc. - - - - -	1929	Wignall, Douglas Ronald, B.A. - - - - -	1948
Wheeler, Reginald John, M.B., B.S. - - - - -	1930	Wilcher, Lewis Charles, B.A. - - - - -	1929
†Whelan, John Thomas, B.Ec. - - - - -	1952	Wildy, Ralph Alderman, B.E. - - - - -	1938
Whibley, Cyril George, B.E. - - - - -	1927	Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942) - - - - -	1951
Whillas, Geoffrey French, B.Sc. - - - - -	1946	†Wilhelm, Walter Gerhard, B.E. - - - - -	1953
Whillas, Jean Kathleen, M.A. - - - - -	1952	Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - -	1948
Whitburn, Jack, B.A. - - - - -	1931	Wilkins, Ray Eber, B.A. - - - - -	1948
*White, Alan Hubert, M.B., B.S. - - - - -	1921	†Wilkinson, Donald Cameron, B.A. - - - - -	1952
†White, Allan James Risely, B.Sc. - - - - -	1952	†Wilkinson, Graham Neil, B.Sc. - - - - -	1953
†White, Anthony Hopper, B.Sc. - - - - -	1951	Wilkinson, Harold Callan, B.E. - - - - -	1931
White, Brian Ross, B.Sc. - - - - -	1947	Wilkinson, Herbert John, B.A. - - - - -	1914
White, Francis Richard, B.D.S. - - - - -	1950	M.D. (Sydney, 1930) - - - - -	1934
White, Hedley John, B.E. - - - - -	1950	Wilkinson, Philomena Mary, B.A. - - - - -	1949
White, Helena Victoria, B.A. - - - - -	1934	Wilkinson, Robert Stuart, M.B., B.S. - - - - -	1939
White, Henry Douglas, B.A. - - - - -	1943	Wilkinson, Stewart Rex, B.A. - - - - -	1950
†White, James Michael, LL.B. - - - - -	1951	Wilkinson, Thomas Lancelot, B.Sc. - - - - -	1925
White, Joan Hazel, M.B., B.S. - - - - -	1935	Wilksch, Betty Ruth, B.A. - - - - -	1949
White, John Baron, B.E. - - - - -	1949	†Willcocks, Robert Douglas, B.Sc. - - - - -	1951
White, Joyce Winifred, B.A. - - - - -	1945	Williams, Arthur Charles, B.Sc. - - - - -	1950
White, Kenneth Elsdon, B.E. - - - - -	1948	Williams, Arthur Evan, M.B., B.S. - - - - -	1914
White (nee Healy), Nora Kate, B.A. - - - - -	1939	Williams, Bruce Rodda, M.A. - - - - -	1944
White, Phyllis, B.Sc. (Sydney, 1920) - - - - -	1922	Williams, Caroline Margaret, B.A. - - - - -	1915
White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Williams, Christobel Mary, B.Sc. - - - - -	1945
White, Ray Baron, B.E. - - - - -	1942	Williams, Colin Hale, M.Sc. - - - - -	1948
White, Rodney Gordon, M.B., B.S. - - - - -	1949	Williams, Donald Carter, B.A. - - - - -	1933
White, Ruth Baron, B.Sc. - - - - -	1942	LL.B. - - - - -	1935
†White, Stanley Noel, B.A. - - - - -	1953	Williams, Dorothy Theresia, B.A. - - - - -	1935
White, Wilfred Allan, B.Ec. - - - - -	1942	Williams, Eirene Mary, B.A. - - - - -	1907
White, Wilfred Carlstan Jurs, B.Sc. - - - - -	1948	Williams, Garth David, B.Sc. - - - - -	1948
White, William John, M.E. - - - - -	1920	Williams, George Esson Keith, M.A. - - - - -	1947
White, William Richard Bolitho, B.E. - - - - -	1932	†Williams, George Mervyn, B.Sc. - - - - -	1953
Whitehead, Millicent Alma, B.A. - - - - -	1949	†Williams, Harold Richard Michael, LL.B. - - - - -	1953
†Whitehouse, Joseph Chenoweth, M.B., B.S. - - - - -	1953	Williams, Joan Beatrice, B.A. - - - - -	1948
Whitelaw, Albert James, B.Sc. - - - - -	1929	Williams, Lindsay Hale, LL.B. - - - - -	1945
B.A. - - - - -	1937	Williams, Mabel Evangeline, M.A. - - - - -	1916
†Whitford, Desmond Joseph, B.E. - - - - -	1953	†Williams, Monica Houghton, B.Sc. - - - - -	1951
Whitford, Patricia Mary, B.A. - - - - -	1940	Williams, Philip Glenly, B.A. - - - - -	1941
†Whitford, Raymond Frank, M.B., B.S. - - - - -	1953	†Williams, Philip Mark, B.E. - - - - -	1951
Whiting, Clyde Taylor, B.A. - - - - -	1931	Williams, Ralph, B.Sc. - - - - -	1914
†Whiting, Peter Arthur, B.Sc. - - - - -	1953	Williams, Roy Ernest, M.Sc. - - - - -	1953
Whittington, Anne, B.A. - - - - -	1950	Williams, Robert Francis, M.Sc. (B.Sc., W.Aus.) - - - - -	1934
*Whittington, Bertram, B.Sc. - - - - -	1899	Williams (nee Hotten), Roma Olive, B.A. - - - - -	1941
B.E. - - - - -	1913	Williams, Spencer, M.A. - - - - -	1930
Whittington, Joan, B.A. - - - - -	1933	Williams, Walter Leslie, B.A. - - - - -	1940
Whittington, Louis Arnold, LL.B. - - - - -	1911	Williams, Zena Vera, B.A. - - - - -	1940
Whittington, Richard Smallpiece, LL.B. - - - - -	1935	†Williamson, Arthur Edward, B.E. - - - - -	1953
†Whitman, Gerald Caleb, B.Sc. - - - - -	1952	†Williamson, David Aubrey, M.B., B.S. - - - - -	1951
Whittle, Alick William Green, M.Sc. - - - - -	1948	Willing, Charles Eric, M.B., B.S. - - - - -	1928
Whittle, Donald George, B.E. - - - - -	1936	†Willington, John Mattinson, B.E. - - - - -	1951
Whittle, Edith Julia, B.A. - - - - -	1950	Willington, Lloyd Stanley, B.A. - - - - -	1950
†Whittle, Harry Reed, B.E. - - - - -	1952	Willis, John, B.A. (Melbourne) - - - - -	1952
†Whittle, James Latimer, B.E. - - - - -	1952		
†Whyte, Jean Primrose, B.A. - - - - -	1952		

* Deceased.

† Not yet Members of the Senate.

Willmott, Josiah Percival, B.Sc. - -	1907	Woods, Charles William Griffin, M.B., B.S. - - - - -	1939
Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931) - - - - -	1947	Woods, Edward Burchell, B.A. (London, 1884) - - - - -	1921
Willoughby, Roger George, M.D.S. - -	1953	Woods, Julian Gordon Tenison, LL.B. - - - - -	1918
†Wills, Caroline Marie Agnew, B.A. - -	1951	Woods, Nelly Hooper, M.A. - - - - -	1930
†Wills, Lindsay Arthur, B.A. - - - -	1953	Woods, Richard Vynne, B.Sc. - - - -	1947
Willsmore, Elsie Victoria, Mus.Bac. - -	1918	Woodward, Barbara, B.A. - - - - -	1944
Willsmore, Hurtle Binks, B.Sc. - - -	1916	†Woodward, Colin Holmes, B.E. - - - -	1952
Wilmshurst, Maurice George, B.A. - - -	1934	Woodward, Oliver Gordon, B.Sc. - - -	1950
Wilson, Allan Fraser, M.Sc. - - - -	1947	Woolcock, Collin Elwyn, M.Sc. - - - -	1945
Wilson, Brenda Ruth, B.A. - - - - -	1950	Woolcock, Rosslyn James, M.B., B.S. - -	1927
Wilson, Charles Ernest Cameron, M.B. (Melbourne, 1899) - - - - -	1900	Wooldrige, Alan Frank, B.Sc. - - - -	1929
Wilson, Charles Graham, M.B., B.S. - -	1947	Woolnough, Geoffrey Lawrence, B.E. - -	1906
Wilson, Colin Leslie, B.Sc. (Eng.) - -	1944	Woolnough, Harold, B.A. - - - - -	1906
Wilson, Dennis de Courcy, M.B., B.S. -	1949	Woolnough, Walter George, D.Sc. (Sydney, 1904) - - - - -	1904
Wilson, Derek Finlay, LL.B. - - - - -	1936	Worsnop, Elsie Madeline, M.A. - - - -	1913
Wilson, Doris May, B.A. - - - - -	1938	†Worthington, Charles Roy, B.Sc. - - -	1951
†Wilson, Edward Peter, M.B., B.S. - - -	1951	Worthley, Boyce Wilson, M.Sc. - - -	1944
Wilson, Gordon Samuel, B.Sc. (Eng.) - -	1944	B.A. - - - - -	1941
*Wilson, Harry Max, B.D.S. - - - - -	1928	Worthley, Seymour Richard, M.Sc. - - -	1945
Wilson, Jack Woodrow, B.Sc. - - - - -	1936	Wright, Angus Stanley, B.Sc. - - - -	1933
Wilson, James Beith, B.A. - - - - -	1896	Wright, Charlotte Elizabeth Arabella, B.A. - - - - -	1888
Wilson, John Grenell, M.B., B.S. - - -	1949	Wright, Edna May, B.A. - - - - -	1938
†Wilson, John Stewart, M.B., B.S. - - -	1952	Wright, George Herbert, B.A. - - - -	1906
Wilson, Keith Cameron, LL.B. - - - -	1922	†Wright, John Frederick, LL.B. - - - -	1953
†Wilson, Keith John, M.B., B.S. - - -	1952	Wright, Leslie McLean, LL.B. - - - -	1935
Wilson, Laurence Algernon, M.B., B.S. -	1918	Wright, Lewis Garner, LL.B. - - - -	1891
Wilson, Luther Ernest Crosby, B.Sc. - -	1926	Wright, Norman Harvey, B.A. - - - -	1927
M.A. - - - - -	1932	Wright, Robert Errol, B.Sc. - - - -	1950
Wilson, Mollie Jean, LL.B. - - - - -	1935	Wright, Robert John, B.Sc. (Eng.) - - -	1949
Wilson, Robert Bruce, B.Sc. - - - - -	1950	†Wright, Russell Francis, B.E. - - - -	1953
Wilson, Robert Kevin, M.B., B.S. - - -	1937	Wurm, Bertram Eric, M.B., B.S. - - -	1920
Wilson, Thomas George, M.D. (Sydney, 1904) - - - - -	1904	Wurm, Roger Sinclair, M.B., B.S. - - -	1947
†Wilson, Valerie Joy, B.A. - - - - -	1952	Wylie, Geoffrey Gurner, M.B., B.S. - -	1946
Wilson, William Fraser, B.Sc. - - - -	1943	†Wylie, John Richard, B.Sc. - - - -	1951
Wilton, Alexander Cockburn, M.B., B.S. - - - - -	1911	†Wymond, Alonzo Pearse, M.Sc. - - - -	1951
Wilton, Dorothy Clyve, B.Sc. - - - -	1940	Wynes, William Anstey, LL.D. - - - -	1933
Wilton, John Barrett, B.Sc. - - - - -	1950	Wyndham, Robert Alexander, B.Sc. (Sydney, 1934) - - - - -	1938
Wincey, Cynthia Weaver, B.Sc. - - - -	1949		
†Winch, Kenneth Varley, B.E. - - - - -	1952		
Windle, Doris Sophia, B.A. - - - - -	1941		
Winkler, Arthur Edmund, B.Sc. (Eng.) -	1943		
Winnall, Nancy Eleanor, B.Sc. - - - -	1919		
Winter, Karl Berthold, M.B., B.S. - - -	1942	†Yakhya, Mahmud Ukab, B.Ag. Sc. - - -	1952
Winter, William Graham, B.Sc. - - - -	1938	Yates, Colin, B.E. - - - - -	1932
†Winton, Berna Kathleen, B.A. - - - -	1953	Yates, Donald, B.E. (B.Sc., 1915, surrendered for B.E., 1919) - - - - -	1919
Winwood, William Weston, B.E. - - - -	1926	Yates, Percy Cocker, M.B., B.S. - - -	1942
Winzor, Frank Lovelock, D.Sc. - - - -	1935	Yates, Reginald Colin, B.E. - - - -	1937
Wissell, Stewart Gordon, B.A. - - - -	1949	†Yates, Thomas Morey, M.B., B.S. - - -	1952
Witt, Erik Hans, B.E. - - - - -	1929	Yeatman, Charleton, M.B., B.S. - - -	1910
†Wittwer, Ivan Donald, B.A. - - - - -	1951	†Yeatman, Christopher William, B.Sc. - -	1951
Woithe, William Henry, B.E. - - - - -	1936	Yeatman, John Charleton, M.B., B.S. - -	1938
Wollaston, Jocelyn Mary, B.Sc. - - - -	1950	Yelland, Joan Mary, B.A. - - - - -	1933
Womersley, Hugh Brian Spencer, Ph.D. -	1952	†Yelland, Kathleen Norah, B.A. - - - -	1951
Womersley, John Spencer, B.Sc. - - - -	1945	†Young, Aileen, B.A. - - - - -	1952
†Wong, Peter Chee Nam, M.B., B.S. - - -	1952	Young, Barbara Quinn, M.B., B.S. - - -	1942
Wood, Allen Edwin, B.A. - - - - -	1944	Young, Caroline Agnes, B.A. - - - -	1949
Wood, Colin James, B.A. - - - - -	1950	Young, David Hastings, M.B. (Edinburgh) - - - - -	1894
Wood, Florence Catherine, B.A. - - - -	1938	Young, Donald Scott, B.E. - - - - -	1929
Wood, Gordon Leslie, M.A. (Tasmania, 1922) - - - - -	1922	Young, Dorothy Kate, B.A. - - - - -	1937
Wood, Henry Lambert, M.Sc. (B.Sc., Qsld.) - - - - -	1941	Young, James Hannibal, M.D. (M.B., B.S., 1929) - - - - -	1937
Wood, Joseph Garnett, D.Sc. - - - - -	1933	Young, Kelvin Albert, B.Sc. (Eng.) - - -	1949
Wood, Judith Ann, B.A. - - - - -	1950	Young, Michael Quinn, B.E. - - - - -	1945
Wood, Montague Couch, M.A. (Oxford, 1880) - - - - -	1888	M.B., B.S. - - - - -	1952
Wood, Murray Bowering, M.B., B.S. - -	1939	Young, Phillip John, B.Ag.Sc. - - - -	1947
Wood, Philip Barclay, Mus.Bac. - - - -	1938	Young, Sir Frederick William, LL.B. - -	1897
Woodard, Charles Ernest, B.A. - - - -	1933	Younkman, Landau, B.Sc. - - - - -	1910
†Woodard, Charles Garrard, LL.B. - - -	1952	Yuill, George Ashwin, LL.B. - - - -	1918
†Woodard, Geoffrey Davidson, B.Sc. - -	1952		
Woodger, Gwenneth Godwin, LL.B. - -	1941		
Woodham, Barbara Elizabeth, B.A. - - -	1941		
Woodhouse, Roy, LL.B. - - - - -	1950		
Woodman, Stanley Kenneth, B.E. - - - -	1934		
Woodroffe, Keith, B.Ag.Sc. - - - - -	1937		
Woodroffe, Gwendolyn Marion, M.Sc. - -	1944		
Woodroffe, Kathleen, M.A. - - - - -	1948		

† Not yet Members of the Senate.

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LIST OF CANDIDATES WHO HAVE TAKEN HONOURS DEGREES

HONOURS DEGREE OF MASTER OF ARTS

Ward, J. F., Classics - - - - -	1908	Casson, L. F., English - - - - -	1928
Paynter, R. H., Classics - - - - -	1912	Holmes, E. L., LL.B., Philosophy - - - - -	1928
Ellis, F., Mathematics - - - - -	1913	Williams, F. E. Classics - - - - -	1928
Potts, G. M., Classics - - - - -	1915		

HONOURS DEGREE OF BACHELOR OF ARTS. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Wood, Florence Catherine, B.A., French Language and Literature I - - - - -	1946	Haynes, James Dalrymple, Political Science and History II (ii) - - - - -	1950
Cheek, Bruce Mansfield, Economics I - - - - -	1947	Paeck, Bernice Mary, Political Science and History II (i) - - - - -	1950
Chittleborough, Laurel Evelyn, French Language and Literature II - - - - -	1947	Roder, John Herbert, English Language and Literature II (ii) - - - - -	1950
Forsyth, Elliott Christopher, French Language and Literature II - - - - -	1947	Slee, Ian Bruce, English Language and Literature II (ii) - - - - -	1950
Heddle, Shirley, French Language and Literature I - - - - -	1947	Tregonning, Kennedy Gordon Philip, Political Science and History I - - - - -	1950
Leaney, Roy Kent, English Language and Literature II - - - - -	1947	Blackburn, Margaret Alison, French Language and Literature II (i) - - - - -	1951
Lee, Heather Vivian, English Language and Literature II - - - - -	1947	Blair, Ruth Margaret, Economics II (ii) - - - - -	1951
Nancarrow, Jean Isobel, French Language and Literature I - - - - -	1947	Clift, Lawrence Henry Marcus, English Language and Literature II (ii) - - - - -	1951
O'Connor, Denise Christobel, English Language and Literature II - - - - -	1947	Forbes, Alexander James de Burgh, Political Science and History I - - - - -	1951
Osborn, Rowen Frederic, Economics and Political Science II - - - - -	1947	Gilbertson, Nannette, English Language and Literature I - - - - -	1951
Stokes, Judith, French Language and Literature II - - - - -	1947	Hetherington, Robert, Political Science and History II (i) - - - - -	1951
Whillas, Jean Kathleen, English Language and Literature I - - - - -	1947	Nilsson, Neil Alfred, Philosophy II (i) - - - - -	1951
Altmann, Olive Stella, French Language and Literature II - - - - -	1948	Rendell, Margaret Patricia, Political Science and History I - - - - -	1951
Cashmore, Helen Patricia, Political Science and History II - - - - -	1948	Ross, Nadeen Adoree, Political Science and History II (i) - - - - -	1951
Craton, Patricia Clarice, English Language and Literature I - - - - -	1948	Selth, Geoffrey Poole, French Language and Literature I - - - - -	1951
Hall, Jocelyn Rosemary, English Language and Literature II - - - - -	1948	Strahan, Anthony William, B.A., English Language and Literature II (i) - - - - -	1951
Muecke, Douglas Colin, English Language and Literature I - - - - -	1948	Turner, Constance Mary, English Language and Literature II (i) - - - - -	1951
Pash, Jeffrie Herbert, B.A., French Language and Literature I - - - - -	1948	Wills, Caroline Marie Agnew, English Language and Literature I - - - - -	1951
Pike, Douglas Henry, Political Science and History I - - - - -	1948	Ashwin, Charles Robin, Political Science and History I - - - - -	1952
Reynolds, Lilo, English Language and Literature I - - - - -	1948	Diamond, Arthur Ian, Political Science and History II (i) - - - - -	1952
Robertson, Betty Ann Fotheringham, Economics and Political Science II - - - - -	1948	Gilding, Kevin Rex, English Language and Literature III - - - - -	1952
Tindale, Beryl Rae, English Language and Literature II - - - - -	1948	Johnson, Margaret Isobel, French Language and Literature I - - - - -	1952
Worthley, Boyce Wilson, B.A., M.Sc., Philosophy I - - - - -	1948	Lewis, Robert Brook, B.Sc., Economics I - - - - -	1952
Duncan, Ross, Political Science and History I - - - - -	1949	McKinnon, Heather Campbell, English Language and Literature II (i) - - - - -	1952
Ellis, Bruce Walter, French Language and Literature I - - - - -	1949	Mills, John Murray, French Language and Literature I - - - - -	1952
O'Donoghue, Kenneth Kilian, B.A., Political Science and History II - - - - -	1949	Naughtin, Patrick Chanel, B.A., English Language and Literature II (ii) - - - - -	1952
Opie, Roger Gilbert, Economics I - - - - -	1949	Whyte, Jean Primrose, English Language and Literature I - - - - -	1952
Selth, Donald Victor, Political Science and History II - - - - -	1949	Whyte, Phyllis Primrose, English Language and Literature II (i) - - - - -	1952
Smith, Stuart Meldrum, English Language and Literature II - - - - -	1949	Young, Aileen, English Language and Literature II (ii) - - - - -	1952
Wall, Barbara Deane, English Language and Literature I - - - - -	1949	Ellis, Brian David, B.Sc., Philosophy I - - - - -	1953
Wells, Elizabeth Anne, French Language and Literature I - - - - -	1949	Goodenough, Warwick William, English Language and Literature II (i) - - - - -	1953
Adam, Elizabeth Anderson, Mathematics and Philosophy II (ii) - - - - -	1950	Greet, Frank Hamilton, English Language and Literature III - - - - -	1953
Ellis, Charlotte, Political Science and History II (ii) - - - - -	1950	Hayward, Thomas Ronald, B.Ec., Political Science and History II (i) - - - - -	1953
Felgenhaur, Robert Frederick, B.A., English Language and Literature I - - - - -	1950	Reid, Robert Leighton, Political Science and History II (i) - - - - -	1953
Gilbert, Ronald Sunter, Economics II (i) - - - - -	1950	Sutton, Laura Margaret, Economics II (ii) - - - - -	1953
Hart, Mary Margaret, Political Science and History II (i) - - - - -	1950	Tregonza, John Miller, English Language and Literature II (i) - - - - -	1953
		Wadham, Elizabeth Jean, Political Science and History II (i) - - - - -	1953
		Lawrence, Robert John, History and Political Science I - - - - -	1953

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

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

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

For previous Lists, see Calendars from 1918.

Human, James Peter Egerton, Chemistry I	1946	Robertson, William Godfrey Pitcher, B.Sc., Chemistry I	1949
Bowes, Donald Ralph, B.Sc., Geology I	1947	Sibly, Pamela Maslin, B.Sc., Botany I	1949
Butler, Stuart Thomas, B.Sc., Physics I	1947	Spurr, Robert Thomas, B.Sc., Physics II	1949
Clark, Helen Goldthorp, B.Sc., Zoology I	1947	Sutton, David John, B.Sc., Physics I	1949
Darling, Leslie Hayward, B.Sc., Chemistry I	1947	Trudinger, Philip Alan, B.Sc., Biochemistry I	1949
Jackman, Lloyd Miles, B.Sc., Chemistry I	1947	Wegener, Clemens Frederick, Geology II	1949
Keeves, John Philip, B.Sc., Physics I	1947	West, Bruce Oswald, B.Sc., Chemistry I	1949
Martin, Maurice Leon, B.Sc., Chemistry I	1947	Andrews, Murray William, Physics I	1950
Perry, Rayden Alfred, Botany II	1947	Appleby, Cyril Angus, Biochemistry IIA	1950
Raupach, Maxwell, B.Sc., Chemistry II	1947	Coaldrake, John Edward, Botany I	1950
Sanders, John Veysey, B.Sc., Physics I	1947	Colville, John Stuart, Physics IIA	1950
Smith, Jack Edwin, B.Sc., Physics I	1947	Darragh, Peter John, Geology IIB	1950
Specht, Raymond Louis, B.Sc., Botany I	1947	Dolling, Eleanor Ngaire, Geology I	1950
Wall, Gordon Elliott, Mathematics I	1947	Hine, Denise Charlotte, Biochemistry I	1950
Bosher, Victor James Marcel, B.Sc. (Lond.), Physics I	1948	Hocking, Colin Stanley, Chemistry I	1950
Carter, Charles Robert, B.Sc., Chemistry I	1948	Hone, Michael Raymond, Anatomy IIB	1950
Everard, Betty Ann, B.Sc., Chemistry II	1948	Howard, Peter Felix, Geology I	1950
Johns, Robert Keith, Geology I	1948	Lewis, David Gray, Chemistry IIB	1950
King, Donald, Geology II	1948	Lynn, Kenneth Roy, Chemistry I	1950
Kruger, James Morris, Geology II	1948	McKay, Maureen Gordon, Chemistry IIA	1950
Mattner, Margaret Emily, B.Sc., Botany II	1948	May, Lancelot Harris, Botany I	1950
Nankivell, Joseph Frank, B.Sc., Physics I	1948	Miles, Perry Ambrose, Physics IIA	1950
Pettit, Rowland, B.Sc., Chemistry I	1948	Mumme, Ivan Albert, Geology IIA	1950
Potts, Renfrey Burnard, B.Sc., Mathematics I	1948	Nicholls, Colin Herbert, Chemistry I	1950
Pridham, Lancelot Robert, B.Sc., Chemistry I	1948	Parkinson, Kevin John, Geology IIA	1950
Robinson, Mary Kelly, B.Sc., Botany II	1948	Radoslovich, Edward William, Physics I	1950
Rook, Kevin Maxwell, B.Sc., Chemistry II	1948	Shannon, James Stanley, Chemistry I	1950
Sangster, David Flower, B.Sc., Chemistry I	1948	Spry, Alan Herbert, Geology I	1950
Symons, Claire Phyllis, B.Sc., Botany II	1948	Stevenson, Donald George, Physics I	1950
Barnes, Charles Stalley, B.Sc., Chemistry I	1949	Thomas, John Angas, Physics I	1950
Browning, Thomas Oakley, B.Sc. (Syd.), Zoology I	1949	Wilson, Robert Bruce, Geology I	1950
Canny, Nicholas Joseph, B.Sc., Physics II	1949	Wincey, Cynthia Weaver, Biochemistry IIA	1950
Crompton, Robert Woodhouse, B.Sc., Physics I	1949	Wymond, Alonzo Pearse, Geology IIA	1950
Deland, Raymond John, B.Sc., Physics II	1949	Beecham, Anthony Frank, Chemistry I	1951
Elford, William Graham, B.Sc., Physics I	1949	Brasch, Leonard William, Chemistry IIA	1951
Forrest, Waldie William, B.Sc., Chemistry I	1949	Chartres, Bruce Aylwin, Physics IIA	1951
Frith, Ernest Everard, Zoology II	1949	Chittleborough, Robert Graham, Zoology I	1951
Fry, Robert Mason, B.Sc., Physics II	1949	Davies, Rodney Deane, Physics IIB	1951
Gum, Colin Stanley, Physics II	1949	Ellis, Brian David, Physics IIB	1951
Hiscock, Ian David, B.Sc., Zoology I	1949	Hopkins, Brian McDonald, Economic Geology IIB	1951
Holloway, Bruce William, B.Sc., Botany I	1949	Howard, Rex Trowbridge, Chemistry IIA	1951
Kerr, David Ian Beviss, B.Sc., Physiology I	1949	Jeffery, Margaret Wyn, Botany IIA	1951
Kidman, Barabara Phyllis, B.Sc., Physics I	1949	Johnson, Keith Douglas, Physiology IIA	1951
Pearce, Ronald Sandison, B.Sc., Chemistry II	1949	Lewis, Graham Ethelbert, Chemistry I	1951
Rattigan, John Herbert, B.Sc., Geology I	1949	Lewis, Sylvia Hilda, Zoology IIA	1951
Riedel, William Rex, B.Sc., Geology I	1949	Liddy, Desmond Terence, Physics I	1951
		Meaney, Maxwell Francis, Chemistry IIB	1951
		Medlin, Edwin Harry, Physics I	1951
		Michael, James Henry, Mathematics I	1951
		Morris, Kerwin William, Mathematics IIA	1951
		Parker, Murray Harold, Physics IIB	1951
		Seidler, Jan Hynek, Chemistry I	1951
		Skinner, Brian John, Economic Geology I	1951
		Tester, Donald Kenneth, Economic Geology IIB	1951
		Thomson, Bruce James, Chemistry IIA	1951
		Urwin, Jack Robson, Chemistry I	1951
		Weiss, Alan Austin, Physics I	1951
		Wellby, Maurice Lindsay, Biochemistry IIB	1951
		Wilton, John Barrett, Chemistry I	1951
		Worthington, Charles Roy, Physics IIA	1951

Ziesing, George Murray, Physics I - -	1951	Daily, Brian, B.Sc., Geology IIA - -	1953
Angley, Ronald James, B.Sc., Physics IIB	1952	Dunlop, Colin Wesley, B.Sc., Physiology	
Brett, Horace William Walter, B.Sc.,		I - - - - -	1953
Chemistry I - - - - -	1952	Forbes, Bryan George, B.Sc., Geology I	1953
Bunney, Bronte Rowland, B.Sc., Physics		Hall, Barbara Isabelle Herbert, B.Sc.,	
IIA - - - - -	1952	Physics I - - - - -	1953
Cleddininen, Ian Jeffrey, B.Sc. Physics		Hobden, Joan Frances, B.Sc., Chemistry	
IIB - - - - -	1952	I - - - - -	1953
Denby, Ernest Frank, B.Sc., Physics I -	1952	Hunt, Arnold Leighton, B.Sc., Bio-	
Duncan, Robert Allan, B.Sc., Physics I	1952	chemistry I - - - - -	1953
Galvin, Leola Beth, B.Sc., Zoology IIB	1952	Ladd, Jeffrey Norman, B.Sc., Bio-	
Goodwin, Geoffrey Leonard, B.Sc.,		chemistry I - - - - -	1953
Physics IIA - - - - -	1952	Leslie, Robert Bradshaw, B.Sc., Geology	
Harms, John Eric, B.Sc., Economic		I - - - - -	1953
Geology IIA - - - - -	1952	McCarthy, Ian Ellery, B.Sc., Physics I	1953
Kaewbaidhoon, Sa-ngob, Economic		Macklin, William Charles, B.Sc., Physics	
Geology IIA - - - - -	1952	IIA - - - - -	1953
McCarthy, Ian John, B.Sc., Chemistry I	1952	Martin, Keith George, B.Sc., Chemistry	
Rayson, Patricia, B.Sc., Botany IIA -	1952	IIA - - - - -	1953
Reynolds, Maxwell Andrew, B.Sc.,		Martin, Peter Gordon, Genetics I - -	1953
Geology I - - - - -	1952	Miller, Peter Geoffrey, B.Sc., Geology	
Rowley, Rex Cameron, B.Sc., Economic		IIA - - - - -	1953
Geology IIA - - - - -	1952	Milligan, Brian, B.Sc., Chemistry I - -	1953
Sanderson, John Gavin, B.Sc., Mathe-		Pratten, Raymond Douglas, B.Sc.,	
matics IIA - - - - -	1952	Geology IIA - - - - -	1953
Simons, Arthur Nicholas, B.Sc., Chemis-		Turner, Kevin James, B.Sc., Chemistry I	1953
try I - - - - -	1952	Wade, Mary Julia, B.Sc., Geology I -	1953
Spencer, Leslie Brian, B.Sc., Chemistry		Walker, Ian Saville, B.Sc., Chemistry I -	1953
I - - - - -	1952	Wheaton, Russell Norman, B.Sc., Physics	
Baker, Irvine Noel, Mathematics I - -	1953	IIA - - - - -	1953
Brown, Roger Norman, B.Sc., Physics		Woodard, Geoffrey Davidson, B.Sc.,	
IIB - - - - -	1953	Geology IIA - - - - -	1953
Buttery, Ronald Gordon, B.Sc., Chemis-		White, Allan James Risely, B.Sc.,	
try I - - - - -	1953	Geology I - - - - -	1953
Catchpole, John Roger, B.Sc., Physics		Wilkinson, Graham Neil, Mathematics	
IIB - - - - -	1953	IIA - - - - -	1953

HONOURS DEGREE OF BACHELOR OF ENGINEERING

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

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

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

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	Boucaut, Ian Penn - - - - -	1930
Abbott, Herbert Lewis - - - - -	1933	Brebner, Charles Ross - - - - -	1953
Adcock, John Bartlett - - - - -	1931	Bright, William Stuart - - - - -	1904
Alderman, Henry Graham - - - - -	1917	Buttrose, Murray - - - - -	1927
Alderman, John Robinson - - - - -	1950	Carne, Alfred George - - - - -	1931
Andrews, Walter Frederick - - - - -	1888	Cheek, Reginald Heithersay - - - - -	1921
Ashton, Edward James Wilberforce - - -	1896	Claridge, Philip James - - - - -	1947
Ashton, Thomas Edward - - - - -	1941	Clark, John Osborne - - - - -	1935
Astley, Michael John - - - - -	1950	Clarke, Laurence Eric - - - - -	1920
Atkinson, Alfred Harris Owst - - - - -	1900	Cleland, Peter Fullerton - - - - -	1939
Badger, Magnus - - - - -	1918	Cleland, Thomas Erskine - - - - -	1919
Bakewell, William Kenneth - - - - -	1908	Cocks, Arthur Wellesley - - - - -	1936
Beerworth, William Carl - - - - -	1932	Collins, Dean Francis - - - - -	1947
Bennett, Henry Trevor - - - - -	1949	Collison, Frank Lloyd - - - - -	1926
Berry, George Augustus - - - - -	1887	Colquhoun, Colin Roy - - - - -	1928
Boucaut, Douglas le Rey - - - - -	1927	Coventry, Charles James - - - - -	1911
Boucaut, George Hiles - - - - -	1906	Cresswell, George Edwin - - - - -	1929

Cutlack, Peter Robert	1928	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 Pariss	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	Odium, Reginald Lance	1937
Gun, Lloyd Townsend	1949	O'Grady, Francis Ignatius	1939
Gwynne, Ilsted Gordon	1891	Owen, William Frederick	1908
Hague, Percy	1897	Pavy, Emily Dorothea, B.A.	1928
Hall, Robert Fishburn	1936	Pavy, Gordon Augustus	1924
Harders, Clarence Waldemar	1943	Pearson, Charles Mason	1917
Hardy, John Scott	1926	Penny, Bertram Stephens	1908
Harford, Basil Beverley	1928	Penny, Clifton Raymond	1893
Hargrave, Charles Townshend	1904	Philcox, Claude Joseph Owen	1929
Hargrave, Joshua Addison	1890	Povey, Edward	1916
Hargrave, Lancelot Morton Spiller	1921	Power, Louis Bertrand	1937
Harry, Richard Varley	1937	Puddy, Albert Forwood	1934
Hay, Frederick Dean	1934	Pyne, William Ewart	1915
Hayward, Cedric Charlie	1923	Rankin, Henry Oliver Arthur	1912
Healy, Kevin John Bernard	1915	Reed, Douglas	1940
Heseltine, Samuel Richard	1903	Reeves, Charles Wheatley	1924
Heuzenroeder, Rudolph Hermann	1913	Regan, James William	1913
Heuzenroeder, William Ritter	1929	Reid, Walter Gliddon	1909
Hill, Henry Richard	1887	Reilly, Matthew Leonard	1939
Hilton, Keith Denyer	1947	Roberts, Donald Arthur	1912
Hodby, Herbert Charles	1922	Rollison, Gerald Dominic	1927
Holland, George Harold	1920	Rollison, William Alexander	1915
Holland, William Corin	1909	Ronald, Stewart Douglas	1910
Homburg, Hermann	1896	Rutter, George Lyall	1920
Homburg, John Hamilton	1939	Rymill, Arthur Campbell	1928
Homburg, Renolf	1929	Sampson, Joyce Holman	1952
Homburg, Robert	1897	Sanderson, Kenneth Francis Villiers	1918
Humby, Rexton James	1943	Shepherd, Joseph Scoresby	1899
Hunt, William Robert	1919	Smith, Frank Seymour	1914
Hutchison, Charles Vernon Stuart	1937	Smith, Francis Villeneuve	1906
Innis, Kenneth Norman	1925	Smith, Paul Teesdale	1920
Jacobs, Samuel Joshua	1946	Solomon, Helen Ethel	1933
James, Alfred Charles	1899	Solomons, Phillip Roland Nathan	1939
Jessup, George Aubrey	1933	Somerville, Archibald John	1952
Johnson, James Howard	1900	Sparrow, Cyril Keith	1921
Johnston, Laurence Frederick John	1931	Stockdale, William John	1889
Jordan, David Wallace	1949	Stokes, Robert Francis	1938
Joyner, Frederick Allen	1885	Sutherland, Allan James Lavis	1919
Kearney, Beasley James William	1925	Swan, William Alfred	1948
Keats, Frederick Phillips	1909	Sweeney, John Grant	1915
Kennedy, Donald Angus	1904	Sykes, Howard de Pledge	1936
Kerin, William Francis	1944	Tapley, Willis Wayte	1909
Kinnane, Alexander John	1935	Treloar, James Leonard Sydney	1923
Kirkman, Kenneth Hainsworth	1918	Tucker, Reginald Mervyn	1915
Lake, Clement William Hingston	1907	Vandenbergh, William John	1896
		Von Bertouch, Leopold	1920

Von Doussa, Stanley Bowman	- - -	1901	Williams, Dudley Charles Call	- - -	1946
Von Doussa, William Louis	- - -	1924	Williamson, James Aubrey	- - -	1925
Wald, Irvine Dale	- - -	1923	Winnall, John Edward Hyde	- - -	1893
Wallace, Norman Verschuier	- - -	1920	Worth, Frank Lindsey	- - -	1932
Ward, Henry Torrens	- - -	1900	Wright, Charles Joseph Harvey	- - -	1885
Warren, Sydney John	- - -	1911	Wright, Sydney Charles Grenville	- - -	1923
Weaver, Alfred Charles	- - -	1903	Yelland, Dene Sturt	- - -	1930
Webb, Beecher Noel	- - -	1930	Young, Martin	- - -	1933
Whimpress, Thomas Abraham	- - -	1934	Zeising, George Ignatius	- - -	1919

ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	- - -	1925	Grosser, Eileen May	- - -	1924
Adamson, Myrtle Gwendoline	- - -	1918	Hakendorf, Carmel Mary	- - -	1947
Alexander, Mary Vera	- - -	1917	Haese, Beth Theodora	- - -	1940
Allgrove, Beatrice Jane	- - -	1951	Hales, Malcolm Roy	- - -	1948
Anderson, Jean	- - -	1936	Hancock, Mary Frewin	- - -	1928
Andrew, Una Lois	- - -	1915	Hantke, Ethel Hilda Hedwig	- - -	1902
Ashton, Kathleen Anne	- - -	1935	Harvey, Faith Fairbank	- - -	1943
Attiwell, Edna Marie	- - -	1918	Henry, Gladys Amy Thelma	- - -	1926
Badenoch, Constance Mary	- - -	1921	Hine, Clytie May	- - -	1908
Bampton, Alfred John	- - -	1915	Hoche, Edith	- - -	1908
Barbour, Dorothy Jean	- - -	1928	Hogon, Eileen Margaret	- - -	1917
Barnden, Vina Melba	- - -	1933	Holder, Alison Joyce	- - -	1938
Barry, Margaret Mary	- - -	1927	Holman, Frank Reginald	- - -	1919
Basedow, Ivy Marie	- - -	1912	Holmes, Patricia Langley	- - -	1948
Bates, Edgar Clarence	- - -	1929	Hooker, George	- - -	1945
Baulderstone, Clarice Moore	- - -	1923	Horgan, Lillian Veronica	- - -	1936
Black, Edward William	- - -	1923	Hounsell, Marjorie Nora Drew	- - -	1938
Booth, Jean Marie	- - -	1941	Howard, Winnifred Jean	- - -	1917
Bowen, Gordon Melville	- - -	1935	Hurn, Mavis Lacey	- - -	1926
Brindal, Ellen Grace	- - -	1922	Hyde, Miriam Beatrice	- - -	1928
Brooks, Doreen Mavis	- - -	1940	Ingham, Myrtle Lavinia	- - -	1916
Brooks, Merle Olive	- - -	1942	Jacobs, Doreen Miriam	- - -	1938
Brown, Kathleen Mary	- - -	1917	James, Doris	- - -	1912
Bruggeman, Martha Dorothy	- - -	1904	James, Vida Margretta	- - -	1917
Burnard, David Alexander	- - -	1925	Jones, Lewis La Vence	- - -	1919
Byrne, Mary Teresa	- - -	1927	Joyce, Kate	- - -	1904
Cadd, Hartley Blair Hogarth	- - -	1951	Keen, Lillian Guard	- - -	1920
Carmichael, Doris Darby	- - -	1923	Kemp, Francis Joseph Edmund	- - -	1928
Catt, Shirley Pearson Clifford	- - -	1938	Kemp, Marion Kirkwood	- - -	1903
Chappel, Phyllis Harvey	- - -	1924	Kimmont, Rosamond	- - -	1924
Cheek, Alan Carvosso	- - -	1929	Klose, Patricia Mary	- - -	1950
Cheek, Muriel Elizabeth	- - -	1900	Kneebone, Joan Adelaide Cavell	- - -	1938
Cilento, Gladys Muriel West	- - -	1913	Knowling, Gwenda	- - -	1952
Cockburn, Julia Evelyn	- - -	1930	Kollosche, Samuel	- - -	1910
Collins, Ella Mary	- - -	1916	Langford, Joan	- - -	1952
Collins, Yensie Margaret	- - -	1937	Lee, Marjorie Freda	- - -	1926
Commane, Teresa Audrey	- - -	1938	Litchfield, Jean Rainsbury	- - -	1926
Coonan, Rita Norlean	- - -	1919	Lodge, Elizabeth Florence Cranston	- - -	1953
Coumbe, Hurtle Harold	- - -	1912	Luxton, Jean Estcourt	- - -	1952
Counter, Beryl Cole	- - -	1924	McGrath, Constance Cecily	- - -	1926
Cozens, Vida Victoria	- - -	1928	McGregor, Dorothy Mary	- - -	1930
Crampton, Daisy Myrtle	- - -	1945	McKinnon, Clara Elizabeth	- - -	1942
Cresswell, Muriel Blanche Lillecrapp	- - -	1925	McLaughlin, Eric Enstone	- - -	1926
Cronin, Alice Elsie	- - -	1937	Mallon, Alice Mary	- - -	1923
Daenke, Dorothy Lucy	- - -	1929	Manning, Hilda Mahala	- - -	1902
Davy, Rubia Claudia Emily	- - -	1903	Marker, Lois Beatrice	- - -	1951
d'Arcy-Irvine, Alice Bond	- - -	1913	Marrett, Hannah Olive	- - -	1926
Day, Florence Muriel	- - -	1913	Martin, Thelma Dorothy	- - -	1917
Dick, Pauline May	- - -	1950	Matters, Arnold Hatherleigh	- - -	1926
Dix, Jessica Laura	- - -	1928	Mayfield, Vera Selina Gwendoline	- - -	1927
Edwards, Herbert Percival	- - -	1922	Meegan, Alice	- - -	1922
Ekers, Theodora Allman	- - -	1930	Meegan, Kathleen Mary	- - -	1917
Evans, Bert	- - -	1913	Merchant, David John	- - -	1952
Ey, Kathleen Elsie	- - -	1938	Mewkill, Paula Mary	- - -	1915
Finch, Laura Evelyn	- - -	1932	Mills, Gene Louise	- - -	1950
Fisher, Helena Catherine	- - -	1924	Morley, Evelyn Mabel	- - -	1925
Flaherty, Annie Josephine	- - -	1907	Morton, Mary Ruth	- - -	1931
Foale, Harold Robert	- - -	1925	Narroway, Peter Kingsford	- - -	1951
Francis, Bessie	- - -	1925	Naylor, Ruth Winnifred	- - -	1924
Francis, Violet Leone	- - -	1929	Norman, Jean Margaret	- - -	1928
Freeman, Ivy Gwendolen McLeod	- - -	1931	Oldham, Dorothy	- - -	1914
Gard, Harold John	- - -	1918	Paddon, Una Margery	- - -	1920
Gehling, Ronda Beryl	- - -	1940	Palmer, Ethel Rose	- - -	1918
Geyer, Clem August	- - -	1922	Parkinson, Charlotte Ethel Violet	- - -	1901
Giles, Allan Leonard	- - -	1949	Paley, Clifford Arnold, B.A.	- - -	1941
Gill, Hilda Beatrice	- - -	1916	Pascoe, Philippa Mary	- - -	1947
Gillespie, Jean Katherin	- - -	1937	Pearson, Kathleen Crawford	- - -	1923
Glatz, Laurina Ruby	- - -	1929	Penalutrick, Lola	- - -	1921
Gmeiner, Clarice Haidee Beatrice	- - -	1924	Penrose, Alva Ivo	- - -	1924
Goss, Lucy Vera	- - -	1909	Perkins, Horace James	- - -	1926
Goyder, Patricia	- - -	1937	Perkins, Marie Pauline	- - -	1948
Gray, Lorna Dorothy	- - -	1950	Perry, Margaret Fay	- - -	1950
Griffiths, George Townsend	- - -	1914	Phipps, Charlotte Lucy Barkwell	- - -	1905
Groth, Fred	- - -	1929			

Prince, Jean Florence - - - - -	1921	Swincer, Patty - - - - -	1948
Prince, Muriel Marjory - - - - -	1923	Taylor, Gladys Leslie - - - - -	1908
Puddy, Betty Froome - - - - -	1931	Taylor, Jean Rosabelle - - - - -	1926
Puddy, Maude Mary - - - - -	1900	Thomas, Sylvia Caroline Curtis - - - - -	1921
Pyne, Tryphena Grace - - - - -	1918	Thrush, Annie Vera - - - - -	1915
Reimann, Hilda Marie - - - - -	1912	Tidemann, Ernest Phillips - - - - -	1927
Reimann, Leta Edith - - - - -	1932	Tonkin, Phyllis Anna - - - - -	1923
Renou, Jean Lois - - - - -	1923	Tosolini, Palmira Rose - - - - -	1951
Riedel, Melita Wanda - - - - -	1918	Trenerry, Thora - - - - -	1944
Roach, Mary Moyle - - - - -	1910	Tuck, Joyce Edith - - - - -	1940
Roberts, Winifred Sophie - - - - -	1911	Tuck, Vivien Margaret - - - - -	1941
Robinson, Mary Patricia - - - - -	1935	Tunks, Flora Marion - - - - -	1931
Rofe, Joyce Newton - - - - -	1933	Vardon, Daisy - - - - -	1914
Rowe, Elsie Maud - - - - -	1919	Verco, Alison Martha - - - - -	1950
Rowe, Florence Nellie - - - - -	1914	Verco, Gladys Kathleen - - - - -	1928
Rudemann, Elsa Wilhelmine - - - - -	1903	Vick, Lloyd Winston - - - - -	1937
Sansom, Joyce Mary - - - - -	1940	Virgo, Jean Ysobel - - - - -	1934
Sara, Lily Emmaline - - - - -	1916	Virgo, Violet Myra - - - - -	1919
Sayers, Alice Mabel - - - - -	1901	Wall, Myrtle Trilby - - - - -	1917
Scammell, Ethelwyn - - - - -	1910	Wallmann, Beatrice May - - - - -	1909
Searle, Hartley Malcolm, B.A., B.Sc. - - - - -	1939	Walsh, Lillian May - - - - -	1926
Shapley, Dorothy Alice - - - - -	1939	Watts, Mollie Louisa - - - - -	1930
Shephard, Beatrice Joan - - - - -	1935	Webb, Irene Margaret Thomson - - - - -	1926
Shipway, Margaret Elizabeth - - - - -	1953	Whillas, Helen May - - - - -	1901
Short, John Thomas Gordon - - - - -	1907	White, Elizabeth Alice - - - - -	1953
Simcock, Hilda May - - - - -	1917	Whittington, Clytie Myrtle - - - - -	1917
Sinclair, Jean Lily - - - - -	1924	Whittington, Sylvia Muriel - - - - -	1911
Slee, John Stevens - - - - -	1952	Wibberley, Brian - - - - -	1908
Smith, Imelda Catherine - - - - -	1930	Wiebusch, Adele Maria Dorothea - - - - -	1924
Smith, Margaret Joan - - - - -	1950	Williams, Hartley - - - - -	1929
Solomon, Betty - - - - -	1930	Williams, John Alexander - - - - -	1925
Spehr, Francesca - - - - -	1901	Williams, Mervyn Ewart Lancelot - - - - -	1924
Spriggs, Harriet Rosetta - - - - -	1919	Williamson, Arthur Burton - - - - -	1908
Stoneman, Doreen - - - - -	1921	Wollaston, Margaret Thirlmere - - - - -	1941
Stoneman, Olivia Charlotte - - - - -	1930	Wordie, Ada Winifred - - - - -	1918
Summers, Phyllis Harvey - - - - -	1930	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	Barrett, Jean Miriam - - - - -	1930
Abbott, Norman Frank - - - - -	1930	Barter, Francis Charles - - - - -	1928
Adams, Harry - - - - -	1931	Barter, Jack Lampier - - - - -	1930
Adams, Helen Jean - - - - -	1929	Barton, Jessie Charlotte - - - - -	1929
Adams, John Clifford - - - - -	1949	Basedow, Bernhard Frederick - - - - -	1948
Adamson, Alfred Victor - - - - -	1926	Bathgate, John Pender - - - - -	1916
Adamson, Harold Stanley - - - - -	1921	Batt, Henry Richard Devon - - - - -	1935
Addicoat, Bryan John - - - - -	1947	Battye, George Harry - - - - -	1924
Ahrens, Frank Leo - - - - -	1945	Battye, Ross - - - - -	1920
Aitchison, Donald Leslie Judson - - - - -	1939	Baulderstone, Donald - - - - -	1935
Alderman, John Robinson - - - - -	1937	Baxter, Donald Bruce - - - - -	1950
Alldritt, Donald Thomas - - - - -	1951	Bayly, Edward Benjamin - - - - -	1910
Allen, Jack - - - - -	1937	Bayly, Ernest Edward - - - - -	1924
Allingame, George William Davis - - - - -	1935	Bayly, George Lancelot - - - - -	1929
Andersen, Clifford Werlin - - - - -	1927	Bayly, Jack Harold Fellowes - - - - -	1931
Anderson, John Donald - - - - -	1948	Bayly, William Lawes - - - - -	1918
Anderson, Reginald Hamp - - - - -	1910	Beaney, Henry Finlay - - - - -	1928
Angel, Norman Sidney - - - - -	1930	Beauchamp, Shirley Frances - - - - -	1949
Angel, Ronald Frank - - - - -	1930	Belcher, Milton Judson - - - - -	1928
Anells, Herbert Edward - - - - -	1908	Belfer, Jacob - - - - -	1944
Anells, Robert Harvey - - - - -	1939	Bennie, John Smith - - - - -	1938
Arbon, Jack Fulton - - - - -	1953	Berck, Lionel Neil - - - - -	1945
Arnold, Raymond Borman - - - - -	1949	Berriman, Alfred Andrew - - - - -	1923
Arthur, Maude Jessie - - - - -	1934	Berry, Leslie Robjohns - - - - -	1937
Ashby, William Maxwell - - - - -	1943	Besley, Lillian Ray - - - - -	1935
Ashton, Alec James - - - - -	1935	Bice, Norman Percival - - - - -	1950
Atkinson, Verdon Robert - - - - -	1936	Bice, Roy George - - - - -	1953
Ayers, Margaret Jean - - - - -	1937	Biddle, John Parr Harding - - - - -	1925
Bailey, Arthur Norris - - - - -	1924	Biggs, James Marshall - - - - -	1925
Bailey, Vanda Dorothy - - - - -	1928	Blackwell, Hazel Annie - - - - -	1931
Balchin, Irene May - - - - -	1924	Blair, James Beatton - - - - -	1925
Balchin, Leonard Jack - - - - -	1935	Blair, Ruth Margaret - - - - -	1940
Baldock, Gordon Herbert - - - - -	1948	Blanch, Clement Edward - - - - -	1949
Bammann, Cuthbert Harvey - - - - -	1938	Bleckley, Graham William - - - - -	1952
Bampton, John - - - - -	1927	Bloomfield, Jack Lee - - - - -	1939
Barclay, William John - - - - -	1950	Boehm, Ernst Arthur - - - - -	1945
Barlow, Cecil William - - - - -	1939	Born, Frank Ford Harker - - - - -	1928
Barlow, Leslie Harris - - - - -	1928	Bowden, Harry Frederick - - - - -	1934
Barnes, Ronald David - - - - -	1948		

Bowen, Arthur Geoffrey	1933	Crump, Hedley Lawrence	1949
Bower, Richard David	1940	Curtis, Lawrance Gordon	1949
Bowes, Lindsay Burton	1947	Dahlenburg, Hurtle Henry	1952
Bowness, Alexander	1928	Dahlenberg, Robert Louis	1953
Braddock, Dudley Warwick	1938	Daley, Vyvyan Lancelot	1928
Braddock, Lyall Arthur	1931	Dalton, Victor Ernest	1923
Brady, Thomas Francis	1921	Daniel, Claude Alfred Vaughan	1921
Bramwell, Horace Gordon	1932	Daulby, Herbert Stanley	1936
Brandwood, Marie Earlston	1944	Davey, John Vernon	1953
Branson, Colin William	1949	Davey, Richard Howard	1950
Branson, Kenneth George	1947	Davidson, Cuthbert Hewett	1924
Braunsthal, Norman Frank	1928	Davis, Agnes Mary	1936
Bray, Alan Claude	1926	Davis, Brian	1951
Bray, Bruce	1940	Davis, Bruce Frederick	1938
Bray, Clifford Samuel	1908	Davis, James Lenton	1933
Brazel, Thomas John	1926	Davis, Noel Hewitson	1933
Brewer, John Burton	1947	Davis, Rosalie Olive	1923
Brice, Alan Herbert	1938	Dawbarn, Richard Bunbury	1930
Brice, Malcolm Hubert	1949	Dawkins, Harry Blinman	1939
Bridgland, Lionel Cedric	1932	Dawson, David Lancelot	1926
Briskham, Alexander George Herbert	1927	Day, Colin Maxwell	1936
Brock, Noel Howard	1922	Day, Frank Vernon	1935
Brooks, Sidney Rundle	1933	Deane, Allan Nicholson	1939
Brown, Leonard Sawtell	1926	Denton, Samuel Bowcher	1928
Brown, Thomas Roderick	1923	Dermott, Alice May	1932
Browne, Clifford Harding	1923	Dermott, John Edwin	1921
Buckett, Claude Ernest	1940	Dewar, Peter Ferguson	1951
Buckley, William Clarence	1929	Dickson, Ronald Archibald	1952
Bulbeck, Philip Denis	1929	Dobson, Alfred James	1909
Burgess, Ellis Howard	1939	Dodd, Robert Hedley, B.A.	1947
Buring, Eleanor Bette	1937	Donaldson, John Monfries	1941
Burley, Arnold Robert	1939	Donnell, Leslie John	1939
Burns, George Eric	1927	Dowie, Jean Phillis	1935
Burr, Frederick Samuel	1923	Dowling, Crosby James	1951
Butler, Tom	1939	Downs, Claude Edmund	1932
Calder, William Cormack	1913	Downs, Donald Archibald	1938
Caldwell, Hilda Valmai	1928	Drabsch, Leo John	1948
Callaway, William Frank	1931	Duffield, Gordon Llewellyn	1936
Cameron, Elizabeth Mary	1938	Duldig, Milton Edwin	1939
Cameron, Roy James	1945	Duncan, John Bayfield	1953
Campbell, Harold Duncan	1925	Dunn, Raymond Keith	1950
Cane, Jack	1938	Dynon, William Ralph	1951
Cant, Leonard George	1917	Easson, Leonard John	1932
Cant, Rex Birdsey	1931	Eddy, John Edwin	1934
Carey, Gerald David	1951	Edson, Eileen Mavis	1930
Carter, Alan Keith	1953	Edwards, Alfred John	1933
Carter, David Burleigh	1950	Edwards, Colin Arthur	1930
Carter, Elijah	1952	Edwards, Edgar Morton	1941
Caust, Leslie George William	1921	Edwards, Ernest Albert	1937
Cavender, Frederick Richard	1940	Edwards, Stanley Herbert	1941
Chambers, John Harrold	1926	Effick, Henry Birrell	1924
Chappie, Keith Fletcher	1934	Elliott, Melva Gwendolene Vivian	1931
Charles, Armande Joffre	1937	Ellis, Fred Leon	1939
Charlick, Derek Herbert	1939	Ellis, Kevin Clifford Keith	1934
Chester, Glen Drummond	1938	Emery, Garth Charles	1941
Chettle, Walter Richard	1927	Eriksen, Theodore Henry	1953
Chinner, Alan George	1922	Errington, Edna Jean	1931
Christison, Margaret Jean	1940	Evans, Horace Clement	1938
Clark, Phyllis Mary	1939	Evans, Ronald Dennis	1949
Clarke, Geoffrey Thomas	1925	Evens, Alan Grant	1952
Clarke, John Harding	1953	Evens, Leonard Thomas	1930
Cobiac, Gerald Patrick	1949	Ewers, William David, B.A.	1943
Cole, Geoffrey Leonard	1950	Ewing, William John Murchie	1952
Collett, Keith Lancelot	1953	Fahey, George Ambrose	1923
Collison, Keith Tidmarsh	1941	Farquhar, Donald Reginald	1929
Colliver, Eustace James	1928	Farrell, Edward William	1949
Combe, Bernard Milo	1948	Faul, Kevin Barton Woodfield	1950
Compton, Joyce Oliver	1945	Favilla, Domenico Raffaello	1939
Connelly, Joseph Kevin	1938	Fewell, Stanley William	1934
Connelly, William Francis	1947	Filsell, Geoffrey Holbrook	1942
Coombe, Albert	1937	Firth, Jack Leader	1937
Cooper, Ashley Anthony Richard	1927	Fisher, David le Sauvage	1948
Cotton, Robert Harold	1908	Fisher, Harold Henry	1932
Cottrell, Francis Allan	1937	Fitzgerald, Teresa Catherine	1931
Cottrell, John Ledsam	1930	Fleming, Ralph Harry	1939
Coulthard, Clyde Ronald	1937	Fleming, Robert Colin	1933
Coward, Ivan Fernley	1930	Flew, John William	1950
Coward, Robert Malcolm	1930	Fogarty, Stanley Patrick Joseph	1950
Cowell, Davis Francis	1939	Forbes, Colin Malcolm	1952
Cox, Charles Wylde	1932	Forbes, Wilfred Roy	1934
Cox, Cyril Hewitt	1928	Forrest, Peter Cameron	1949
Craig, Ida Vera	1924	Foster, Lily Dorothy	1935
Crane, Greta Ruby	1927	Foxworthy, John Henry	1923
Creswell, John	1919	Francis, Ainslie DeLacy	1921
		Francis, Stanley Charles	1924

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
Garood, 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
Cluyas, 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
Cray, 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, Elizabeth May	- - - -	1926
Gubbins, Geoffrey Garfield	- - - -	1953	Jones, Joyce Gertrude	- - - -	1944
Haddad, Victor	- - - -	1938	Jones, William Henry	- - - -	1952
Hamilton, Frank Douglas	- - - -	1940	Joyce, Alan Francis	- - - -	1941
Hammann, Arthur Edwin	- - - -	1927	Judd, Percival Richard Henry	- - - -	1926
Hand, Allan	- - - -	1934	Kelly, Brian Patrick	- - - -	1949
Hand, Milton John	- - - -	1948	Kelly, Hartleigh	- - - -	1933
Hanley, Alice	- - - -	1939	Kelly, Isobelle	- - - -	1927
Hann, Maxwell Keith	- - - -	1938	Kelsey, Jack	- - - -	1932
Hannan, Edward Graham	- - - -	1947	Kenihan, John Dudley	- - - -	1933
Hannon, James	- - - -	1952	Kennedy, Mervyn George	- - - -	1932
Harlow, James Keith	- - - -	1941	Kesting, Ernest Arthur	- - - -	1930
Harnden, Jack	- - - -	1952	Kilgariff, Aloysius Kevin	- - - -	1951
Harnett, William Edwin	- - - -	1948	King, John Bugler	- - - -	1937
Harper, Ronald George	- - - -	1935	King, Norman Reginald	- - - -	1949
Harrell, Max Ambrose	- - - -	1952	Kinnish, Florence Maud	- - - -	1920
Harris, Frank Randall	- - - -	1949	Kirkman, David	- - - -	1908
Harris, Norman Alexander	- - - -	1934	Knight, Bernard Murray	- - - -	1938
Harris, Robert Oxenberry	- - - -	1951	Knox, Rex	- - - -	1949
Harris, Ronald Firth	- - - -	1939	Koch, Othar Ludwig	- - - -	1937
Harris, Russell Hope	- - - -	1912	Kunnick, Donald Kerr	- - - -	1933
Harrison, William Frank	- - - -	1908	Lahiff, Arthur Stanley	- - - -	1951
Harvey, Keith William	- - - -	1952	Lambert, Anthony Wilson	- - - -	1945
Harwood, Ralph Felix	- - - -	1952	Lang, James Thomas	- - - -	1937
Haslam, Alan Francis	- - - -	1935	Langcake, William Charles	- - - -	1940
Hastwell, Robert Duncan	- - - -	1950	Langsford, Leonard Graham	- - - -	1948
Hawkins, Alfred Raymond	- - - -	1947	Laphorne, Cecil Lindsay John	- - - -	1948
Haydon, Colin Maurice	- - - -	1951	Laughton, Robert Bruce	- - - -	1942
Haynes, Stanley Gordon	- - - -	1953	Laver, Robert William	- - - -	1940
Hearfield, Walter George	- - - -	1930	Lenton, Leslie	- - - -	1916
Healy, Francis Robert	- - - -	1937	Letcher, William John	- - - -	1934
Heinemann, John Bryce	- - - -	1948	Lever, Cecil Harry	- - - -	1939
Heitmann, Colin Richard	- - - -	1950	Levett, Geoffrey Frederick	- - - -	1950
Hendry, Campbell Alexander	- - - -	1914	Lewis, Clarence George	- - - -	1924
Hiatt, Jack Thomas	- - - -	1935	Lewis, Rex Ernest	- - - -	1930
Hiddle, Eugene Hayes	- - - -	1953	Lillywhite, Bessie	- - - -	1925
Hieser, Ronald Oswald	- - - -	1943	Lloyd, Harold Trent	- - - -	1926
Higgins, Harry Coote	- - - -	1920	Loan, William Clarence	- - - -	1923
Hill, Patricia Pender	- - - -	1949	Lodge, Maurice Arnold	- - - -	1929
Hill, William Charles	- - - -	1933	Loneragan, Eric Norman	- - - -	1949
Hill, William Ross	- - - -	1941	Longmire, Frank Albert	- - - -	1940
Hilton, Kingsley Winlo	- - - -	1930	Lorimer, Robert William	- - - -	1922
Hirst, Ronald Robert	- - - -	1935	Loughrey, Arthur Bernard	- - - -	1941
Hoad, Sidney Arnold	- - - -	1943	Love, Ronald Edward Beaumont	- - - -	1934
Hogben, Alfred Richard	- - - -	1909	Lowe, Kenneth Maurice	- - - -	1939
Hogben, Horace Cox	- - - -	1915	Lucas, Francis James	- - - -	1953
Holt, William George	- - - -	1924	Lucas, Ralph Mervyn	- - - -	1952
Holten, Dora May	- - - -	1924	Luxmore, John Alexander	- - - -	1931
Homes, Alma Ivy Penelope	- - - -	1927	Lyon, Colin Grant	- - - -	1929
Hooper, Mervyn Perry	- - - -	1926	Lyon, James Cobbett	- - - -	1925
Hooper, Ronald Ley	- - - -	1937	McAnaney, William Patrick	- - - -	1931
Horrocks, Charles Edgeworth	- - - -	1925	McAulay, John Albert Galster	- - - -	1922
Hosking, Kathleen Valerie	- - - -	1953	McAuliffe, Lionel Frank	- - - -	1934
Hourigan, Lloyd David, B.Ec.	- - - -	1952	McCarron, Philip Bernard Alphonsus	- - - -	1925
Howard, Cornelius James	- - - -	1949	McCarthy, John Anthony	- - - -	1930
Howard, Leonard Marie	- - - -	1949	McDonald, Dorothy Patricia	- - - -	1935

McEgan, Ernest William	1923	Oliver, Raymond Charles	1933
McFarlane, Maude Evans	1928	Ophel, Ralph Burnell	1933
McFarlane, Malcolm Ross	1952	Ormond, Colin William	1948
McGarry, Donald Martin	1936	Padget, Dora Jane	1928
McKee, Geoffrey Nolan	1935	Paech, Richard Leonard	1947
McKee, George Angus	1927	Painter, Edward Websdale	1920
McKee, William Albert	1926	Palmer, Bruce Cole	1988
McKenzie, Allan John	1933	Paltridge, Angus Lindsay	1950
McLean, Allan William	1921	Park, Gilbert Maxwell	1923
McShane, Reginald Edward	1951	Parkinson, John Haslam	1934
Mack, Arthur William	1925	Parr, Harry Sidney	1916
Mack, Jack Hamilton	1953	Parr, Stanley Robert	1949
Macklin, Bruce Roy	1939	Pascoe, Douglas Everett	1927
Maegraith, Paul Reginald	1952	Pascoe, Ronald Francis	1936
Mahoney, John Joseph	1927	Patterson, Isabel Maude	1945
Malcolm, Kathleen	1933	Patterson, Robert Banks	1936
Marchant, Vernon Harold	1929	Payne, Randolph Douglas	1948
Marrett, Lorna Liggett	1922	Pearce, Francis James	1952
Marsden, Bruce Cecil	1951	Peart, Kathleen Grace	1947
Marshall, Alma Kathleen	1921	Pederick, Hubert Oswald	1929
Martin, Colin Walter	1925	Pentelow, Edith May	1929
Martin, Eric Joan	1923	Perriam, Clifford Allan	1937
Masters, Reginald Keith	1938	Perriam, Eric Charles	1939
Mathews, Hugh Charles	1951	Peterson, Ronald John	1937
Mathews, Reginald William	1928	Phelps, Winifred Annie	1925
Mathews, Leonard George	1934	Philcox, Claude Joseph Owen	1923
Mauder, Leonard Edward	1926	Pike, Vernon Horace Charles	1937
Mead, John William, B.Ec.	1953	Pitcher, Ronald Samuel	1923
Meeney, Thomas Francis	1948	Pledge, Martha Phoebe	1930
Mehrtens, Bronte	1950	Pollnitz, Percy Frederick	1935
Mengerson, Norman Victor	1919	Ponder, Gilbert Walter Graham	1914
Menkins, Frank Hermann	1908	Potter, Donald Roy	1937
Merchant, Eric George	1948	Potter, Frank Jacques	1942
Messent, Albert Edward	1908	Potter, Wilfred Tom	1951
Messent, Frank Ashby	1927	Pounsett, John Lenton	1949
Middleton, Clement Roy	1951	Price, Henry Ernest	1930
Miller, Gavin Robert	1918	Prior, Olive Cora	1933
Miller, Lyle Clark	1947	Proud, Katherine Lily	1910
Mills, Edward Whitfield	1915	Pulford, Vivian George	1948
Mills, Robert Neil	1951	Raffelt, Helene	1925
Minson, Charles Stanley	1930	Ramsey, Alfred Maxwell	1941
Mitchell, Bruce	1919	Ransom, William Robert George	1932
Mitchell, John Turnbull	1938	Raymond, Reginald Norman	1935
Mitchell, Lurline Vaughan	1933	Read, Angus Robert	1929
Mitchell, Shirley Eileen	1944	Read, Howard Llewellyn	1926
Mobsby, Edward Tompson	1940	Redman, Jessie Adelaide	1929
Moncrieff, Joan Lorimer	1925	Reed, Frank Basil	1939
Moore, Walter Harry	1935	Reilly, Lawrence Joseph	1948
Moore, Warwick Grey	1935	Reynolds, Ernest Joseph Walter	1925
Morcom, Kenneth Douglas	1940	Rhodes, Ronald Sydney	1927
Mortess, Eric James	1925	Richards, Kenwyn Howard	1937
Mould, Francis Edmund	1927	Richardson, Jack Avon	1928
Mount, Michael Jaunay	1951	Riches, Robert Wilfred	1932
Moyes, Cecil Clarence	1918	Ridgway, Frank Reginald	1938
Moyes, Charles Robert	1913	Riebe, Erwin John	1929
Moyle, John Ewart	1917	Riley, Olly Beata	1931
Muecke, Carl Wilhelm Ludwig	1908	Ringwood, Robert Ainslie	1939
Mullen, Brian Anthony	1930	Rippin, John William	1949
Mullin, Mary Margaret	1925	Roberts, James Andrew	1935
Mullins, Francis Patrick	1926	Roberts, Kenneth James	1949
Munro, Elizabeth Margaret	1930	Roberts, Ronald Theodore	1953
Murray, Donald	1930	Robertson, George Oliver	1908
Murray, Ronald George	1936	Roennfeldt, John William	1937
Mutton, Henry Edwin Howard, M.A.	1926	Rooney, John Francis	1928
Nairn, Donald Maxwell	1936	Rose, Vivian Clement	1933
Naulty, Reginald	1937	Rowe, George Eddy	1951
Nave, John Lionel	1929	Rungie, Maxton Keith	1934
Needham, George Francis Jack	1911	Rush, Douglas Bartlett	1949
Nettle, Kenneth Ralph	1948	Rush, Herbert Stanley	1934
Neuenkirchen, Hermann Adolph Heinrich	1912	Russack, Frederick William, jun.	1927
Newbold, Murray Charles Lewis	1949	Ryan, William John	1927
Newman, Kenneth Fisher	1928	Safra, Benjamin Louis	1950
Nicol, Beryl Elvira	1943	Sambell, Frederick James	1919
Oakley, Lyle Beresford	1949	Sando, Gordon Victor	1929
O'Brien, Paul Dominic	1937	Sarre, James Ayrton	1933
O'Dea, John Leonard	1950	Scanlan, Ronald Frederick	1951
O'Donnell, James Richard	1941	Schedlich, Bryan Linn	1951
O'Flaherty, Michael Sidney	1948	Schirmer, Gerhart Percy	1942
O'Flaherty, Reginald Kitchener	1937	Schneider, Wilfred, B.E.	1932
O'Flaherty, William Edward	1951	Schumacher, Bert Edward Bernard	1933
O'Grady, Michael James Anthony	1950	Seaman, Gilbert Frederick	1935
O'Grady, Oswald James	1923	Searcy, John Dudley	1934
Oliphant, Nigel Besant	1933	Seddon, Gordon David LeMessurier	1939
Oliver, Edward Bruce	1935	Sellars, Norman Lionel	1923
		Selth, Maurice Burfitt	1938

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

ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford	1953	Dale, Richard Charles Moritz	1940
Anthony, Ernest	1950	Daniel, Claude Alfred Vaughan	1935
Belcher, Milton Judson	1937	Davis, Brian	1952
Brooks, Sidney Rundle	1938	Deane, Allan Nicholson	1936
Burton, Roy Victor	1937	Dodd, Aubrey Francis Rule	1948
Carey, Edward John	1936	Doecke, Heinrich Albert	1931
Cavalier, Elizabeth Mary	1943	Donaldson, John Monfries	1936
Clark, James	1938	Doyle, Leo James, LL.B.	1951
Collett, Kenneth James	1953	Dunstan, Jack Connon	1952
Combe, Bernard Milo	1937	Gordon, Coleman Guildford	1939
Cook, Gordon James, B.Ec.	1948	Griffin, Ray Edwin	1953
Coombe, Albert	1932	Hammond, Raymond Charles	1951
Coombe, Samuel	1936	Hewett, Alexander Macdonald	1938
Coonan, Edward Raymond	1949	Hutchinson, Hugh Morgan	1940
Cottrell, Francis Allan	1934	Jackson, Harold Ernest	1935
Craker, Arthur Ernest	1932	Jeffery, Charles Frederick	1934

Johnson, Maxwell Colin	- - - -	1953	Robinson, David Floyd	- - - -	1935
Kay, Harold Edwin	- - - -	1938	Russell, Andrew Earl Lindsay	- - - -	1951
Laver, Robert William	- - - -	1952	Ryan, Charles Landers	- - - -	1941
Lee, Frank Botham	- - - -	1937	Sando, Maurice Hughes	- - - -	1934
Lokan, Albert Henry	- - - -	1939	Simmons, Donald William, B.Ec.	- - - -	1950
Mattingley, Maxwell Albert Percy	- - - -	1945	Slade, James Henry Gray	- - - -	1932
Menear, Ira, B.A.	- - - -	1953	Smith, Harold Reid, LL.B.	- - - -	1949
Messent, Esther Mary, B.A.	- - - -	1936	Temme, Bernhard Robert	- - - -	1933
Millard, Clifford James	- - - -	1933	Thomas, William Henry Oswald	- - - -	1947
Naylon, Augustin James	- - - -	1934	Tillett, Arthur Colin	- - - -	1950
Ormond, Colin William	- - - -	1949	Voyzey, William	- - - -	1952
Pollnitz, Percy Frederick	- - - -	1938	Walker, Colin Alexander Dunstan	- - - -	1948
Pope, Hugh Gilmore	- - - -	1932	Wellington, Murray Morley	- - - -	1949
Pretty, Walter Arthur	- - - -	1948	West, Kenneth Charles	- - - -	1949
Priest, Alan Hewett	- - - -	1937	Wharldall, Lancelot Arthur	- - - -	1953
Reseigh, Claude Edgar	- - - -	1934	Whitford, Alfred Eugene	- - - -	1941
Roberts, John William	- - - -	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	Close, Ronald Wilkinson, B.Sc.	- - - -	1945
Allen, John Bernard, B.A.	- - - -	1942	Coggins, Robert Symes, B.Sc.	- - - -	1952
Allen, Leonard Nicholls, M.A.	- - - -	1939	Coleman, Isable Beryl Jean, B.A.	- - - -	1949
Altmann, Olive Stella, B.A.	- - - -	1951	Collins, Charles Vincent, B.A.	- - - -	1940
Altus, Rudolph Herman, M.A. (Melb.)	- - - -	1950	Corrigan, Lawrence Joseph	- - - -	1930
Anders, Douglas John, B.Sc.	- - - -	1947	Cosgrove, Bernard Augustin, B.A.	- - - -	1945
Anderson, Aubrey James Clifton, B.A.	- - - -	1948	Cosh, James Malthouse, B.A.	- - - -	1949
Ashenden, Leslie Edward, B.A.	- - - -	1952	Cramer, Gerard Leigh, B.A.	- - - -	1952
Aston, Morrell Kenneth, B.A., B.Sc.	- - - -	1952	Dack, Thomas, B.A.	- - - -	1938
Atwell, Leslie George Danks, B.A.	- - - -	1941	Daddow, Henry Howard, B.A.	- - - -	1943
Baddams, Violet Thenie, B.A.	- - - -	1940	Davies, Natalia, B.A.	- - - -	1940
Barber, Howard Frank, B.A.	- - - -	1943	Davis, Robert Bruce, B.A.	- - - -	1950
Barnes, Frederick Lynne, B.Sc.	- - - -	1944	Davison, Gordon William, B.A.	- - - -	1938
Barrett, William Vernon, B.A.	- - - -	1951	Dennis, Alan Henry, B.A.	- - - -	1953
Bartholomaeus, Edmund Stanley, B.A.	- - - -	1931	Dimning, Alfred Ernest, B.A.	- - - -	1933
Barthelet, Nancy Irene, B.A.	- - - -	1950	Donaellan, Teresa Marie, B.A.	- - - -	1950
Batchelor, Flossie Elizabeth Reine, B.A.	- - - -	1922	Dowdy, Norman James, B.A.	- - - -	1949
Bawden, Albert Victor, B.A.	- - - -	1942	Downs, George William, B.A.	- - - -	1948
Beaumont, Olive Sowter, B.A.	- - - -	1943	Dungey, Kevin Leonard, B.A.	- - - -	1944
Beckwith, Shirley Katie, B.A.	- - - -	1948	Dunn, Edith Marie, B.A.	- - - -	1942
Bennett, Annie Stevens, B.A.	- - - -	1924	Dunn, Sydney Stephen, B.A.	- - - -	1951
Bennett, Charles Gordon, B.A.	- - - -	1934	East, Vernon Roy, B.A.	- - - -	1948
Bennett, Thomas Southall, B.A.	- - - -	1940	Eden, Owen Frederick, B.Sc.	- - - -	1951
Bentley, William James, B.A.	- - - -	1949	Edwards, Victor Wilfred Alcom, B.A.	- - - -	1948
Berry, Frances Winifred, M.A.	- - - -	1924	Elder, Audrey Olive, B.A.	- - - -	1950
Bested, Gordon John, B.A.	- - - -	1945	Eley, Agnes May, B.A.	- - - -	1948
Bettison, Margaret Selina, B.A.	- - - -	1952	Evans, Mary, B.A.	- - - -	1941
Biddle, Enid Barbara, B.A.	- - - -	1949	Ewers, William David, B.A.	- - - -	1940
Biele, Keith William, B.Ec.	- - - -	1953	Falkenberg, Walter Edwin, B.A.	- - - -	1942
Bilney, Neil Joseph, B.A.	- - - -	1947	Farmer, Helen Robinson, B.A.	- - - -	1948
Bone, Maxwell Harold, B.A.	- - - -	1939	Farrell, Edward Francis, B.A.	- - - -	1944
Bourke, Elma Marie, B.A.	- - - -	1941	Farrow, Murray Aubrey, B.A.	- - - -	1947
Bray, Elva Mildred, B.A.	- - - -	1943	Featherstone, Dora Bewlay, B.A.	- - - -	1923
Brazier, John Richard, B.A.	- - - -	1952	Fechner, Martin Johann Traugott, B.A.	- - - -	1940
Brown, Henry, M.A.	- - - -	1924	Fehlberg, Tasman Julius August, B.A.	- - - -	1942
Brown, Reginald Dutton, B.Ec.	- - - -	1947	Finn, Beatrice Mary, B.A.	- - - -	1943
Bull, Winifred, B.A.	- - - -	1948	Fisher, Ruben Walter Alfred, B.A.	- - - -	1950
Burdon, Ivor Leslie, B.A.	- - - -	1945	Fitzgerald, Bartholomew John, B.A.	- - - -	1932
Burnard, Charles Robert	- - - -	1948	Fitzpatrick, Clifford George, B.Sc.	- - - -	1952
Burns, Esther	- - - -	1949	Flower, Clifford Horace Kenneth Dunn, B.Sc.	- - - -	1928
Burton, Dudley Hopetoun, B.A.	- - - -	1941	Flynn, Kevin John, B.A.	- - - -	1942
Butcher, Alan Edward, B.A.	- - - -	1933	Forbes, William, B.A.	- - - -	1939
Butler, Kathleen Fiona, B.A.	- - - -	1948	Forsyth, Elliott Christopher, B.A.	- - - -	1950
Campbell, Archibald Herbert, B.A.	- - - -	1939	Fricker, Lyall Peterie, B.Sc.	- - - -	1951
Cannell, Cedric James, B.Sc.	- - - -	1942	Fulton, Gwen Evelyn Hamilton, M.A.	- - - -	1945
Cant, Alistair McKinnon, B.A.	- - - -	1944	Gare, Lloyd, B.Sc.	- - - -	1938
Carmen, Noel Francis, B.A.	- - - -	1951	Gazard, Geoffrey Albion	- - - -	1949
Carthew, Lancelot, B.A.	- - - -	1950	Gent, Alan Franklin, B.A.	- - - -	1950
Cavenett, Horace Clifford	- - - -	1945	Georg, Victor Gerhard, B.A.	- - - -	1952
Cawte, Frederick George Nelson	- - - -	1942	Gerlach, Max Johann, B.A.	- - - -	1927
Chapman, John Marsden, B.A.	- - - -	1940	Gibbs, Alfred Lewis Burnand	- - - -	1949
Charlesworth, Thomas William, M.A.	- - - -	1947	Gibson, Ernest Stephen Harvey, M.Sc.	- - - -	1942
Clarke, Phil Gregory, B.A.	- - - -	1952	Gibson, Gladys Ruth, B.A.	- - - -	1940
Close, Maynard Davidson, B.A.	- - - -	1948			

Gibson, Graham Coyne, B.A.	1953	McDonald, John Hunter, B.A.	1936
Giersch, Leonard Ernst, B.A.	1943	McDonald, Percy William, B.A.	1940
Gilchrist, Robert James	1950	McElroy, Anthony Godfrey	1947
Gill, Clarence William, B.A.	1940	McEvoy, Aloysius John, B.A.	1942
Glastonbury, Dudley Ivan, B.A., B.Sc.	1935	McGowan, George Murray, B.A.	1940
Glastonbury, James Oliver Garnet, B.A., B.Sc.	1934	McIntosh, Florence	1945
Glynn-Roe, Wilfred Joseph	1950	McKay, Malcolm William, B.A.	1938
Golding, Edmond William, B.A.	1951	McKinnon, Robert Campbell, B.A.	1936
Goldsworthy, John Garfield, M.A.	1951	McLean, Murray Colin, B.A.	1951
Graham, Mary Theresa, M.A.	1940	McLean, Reginald Alexander, B.A.	1956
Green, Richard Maslen, B.A.	1940	McMutrie, Alfred Ian, B.A.	1939
Griggs, Clarence Middleton, B.Sc.	1938	McMutrie, Colin, B.A.	1939
Grosvenor, Edna Mary, M.A.	1951	McPherson, Alexander Owen, M.A., B.Sc.	1939
Gunton, James Donald, B.A.	1940	Macklin, Laura Muriel Caterer, B.A.	1939
Haise, Frederick Ernest Douglas, B.A.	1952	Macpherson, Reginald Murray, B.A.	1948
Hansberry, John Pierce, B.A.	1949	Magor, Clifford James, M.A.	1945
Hansberry, Mary Estelle, B.Sc.	1953	Magor, Irvine Frank, B.A.	1943
Harper, Ronald George, B.A.	1941	Manuel, Deane James Hubert, B.Ec.	1952
Harrington, Colin	1949	Marshall, Herbert Edmund, B.A.	1941
Harris, Donald Dunstan, M.A.	1934	Marshman, Ashley Mead, B.A.	1950
Harris, Dudley Andrew, B.A.	1940	Martin, Alfred William, B.A.	1953
Harris, Lorna Muriel, B.A.	1950	Martin, Amalia Anna, B.A.	1941
Harris, Shirley Joyce, B.A.	1948	Martin, Ralph Keith, B.A.	1948
Hart, Arthur Maxwell	1950	Martin, Walter Raymond, B.A.	1941
Harvie, Sydney Haral, B.Sc.	1938	Maschmedt, Zillah Daisy, B.A.	1940
Hasenohr, Edward, B.A.	1952	Matters, Horace John	1950
Hauser, Frederick Herbert, B.A.	1934	Matthews, Richard Trahair, B.A.	1943
Hayward, Walter Richard, B.A.	1937	Mattingley, Brian John, B.A.	1939
Healey, Nora Kate, B.A.	1941	May, Dorothy Mary, B.A.	1948
Heidenreich, George Bernhardt Franz, B.A.	1948	May, Leonard Seymour, B.Sc.	1939
Heinemann, Mervyn Lambert, B.A.	1948	Maynard, Donald Archer Scott, B.Sc.	1940
Hickey, Kathleen Veronica, B.A.	1929	Maguire, John Charles, B.A.	1947
Higginbottom, Edwin Corlett, B.A.	1950	Measday, Ellen May, B.A.	1947
Higgins, Alfred James, B.A.	1950	Measday, Shirley, B.A.	1949
Hilbig, Paul Berthold, B.A.	1965	Middleton, Melville John William, B.A.	1943
Hilton, Arthur Robert, B.A.	1936	Miller, Annie Rose, B.A.	1948
Hirst, Ronald Robert, B.Ec.	1944	Milne, Annie Johnson, B.A.	1939
Hiskey, Thomas Alan, B.A.	1951	Mitchell, Annie Nora	1938
Holland, Joan, B.A.	1948	Molloy, Raymond Brian, B.A.	1951
Hoskins, Howard Berthold, B.A.	1938	Muetzelfeldt, Elfriede, B.A.	1941
Howard, Ephrem, B.A.	1940	Mules, Betty Lavina, B.A.	1950
Howlett, Nellie Ruth, B.A.	1944	Mundy, Kevin Arnold, B.A.	1942
Howlett, Phillip Thomas Michael, B.A.	1944	Murphy, Mary, B.A.	1938
Humphries, Arthur Cecil George	1941	Murphy, Shylie Patricia, B.A.	1948
Huson, Walter William	1945	Nicholas, Rowland John, B.A.	1944
Ireland, Norman Arthur, B.A.	1924	Nicholls, Barbara Ruru, B.A.	1947
Isom, Constance Ruth, B.A.	1942	Nietz, Arno Oscar, B.A.	1953
Jenkin, Alfred John Roseland, B.A.	1939	Ninnes, Arthur Reginald, B.A.	1944
Jenkins, Rex Desmond, B.A.	1943	Noblett, Hedley Lindsay, B.A.	1939
Johncock, Ernest Harry, M.A.	1929	Oekenden, Garth Palmer	1950
Jolly, William Richard Norman, B.A., B.Sc.	1939	O'Connell, William Bernard, M.A.	1945
Jones, Albert Walter, B.A., B.Sc.	1939	O'Malley, John Edwin, B.A.	1949
Jordan, Deidre Frances, B.A.	1951	O'Neill, Cornelius Patrick, B.A.	1951
Juett, Christina Margaret, B.A.	1943	O'Neill, Maguerite, B.A.	1950
Kearney, Bernard James	1949	Osman, Neile, M.A.	1948
Kelly, Ellen, B.A.	1964	Owen, Gwenyth Winsome, B.A.	1945
Kenny, Martin Lance, B.A.	1942	Page, Eleanor Florence, B.A.	1943
Keon-Cohen, Russell Hallel, M.A. (Melb.)	1947	Parkes, Roy Frederick Walter	1952
Kerslake, William James	1942	Parsons, Edward Clarence, B.A.	1941
Kesting, Louis John, B.A.	1945	Parsons, William Ross, B.A.	1951
Keynes, Nanette Joan, B.A.	1950	Pash, Hannah Rita, B.A.	1934
Kies, Alick Andrew, B.A.	1948	Paul, Alec Gordon, M.A., B.Sc.	1934
Kildea, Mary Francis, B.A.	1941	Payne, George Basil, B.A.	1938
Klaebe, Ruth Adelaide, B.A.	1951	Pearce, Alfred Moreton, B.A.	1953
Kloeden, Louis Adolph, B.A.	1951	Pearce, Charles Clifton, B.A.	1940
Knauerhase, Oscar Carl, B.A.	1938	Pearson, Howard James, B.A.	1941
Koehne, Raymond Percy, B.A.	1948	Pearson, Leslie Norman, B.A.	1943
Laidlaw, William Clarke, B.A.	1940	Pedlow, Clarice, B.Sc.	1944
Lamey, Charles Sydney, B.A.	1937	Pennicott, Ralph William	1953
Lawry, Reginald Arthur, B.A.	1947	Pennington, Beryl, B.A.	1945
Leach, William Valentine, M.A. Dip. Econ.	1928	Penny, Hubert Harry, B.A.	1930
Lemcke, Vincent Andrew Howard, B.A.	1949	Perry, Dulcie May, B.A.	1941
Lewis, Leonard Arthur, B.Sc.	1947	Peters, George Francis, B.Sc.	1953
Lewis, Raymond Douglas, B.Sc.	1948	Peterson, Jean Clarice, B.A.	1942
Lillecrapp, Douglas Arthur Julian, B.A.	1950	Phillips, Gordon Gilbert, B.A.	1947
Lushey, Harold Merton, M.A.	1930	Pitman, Beresford Ernest, B.Sc.	1949
Lynch, John Henry, B.A.	1950	Polkinghorne, Keith, B.A.	1939
McCarthy, Bernard, B.A.	1942	Porter, Harold George, B.A.	1942
McCullough, Amy Margaret, B.A.	1945	Price, Ione Dorothy, B.A.	1949
McDonald, Donald Stuart, B.A.	1945	Prime, Andree Joyce, B.A.	1949
McDonald, Gilbert Sherman, B.A.	1934	Proctor, Ivy Millicent, B.A.	1939
		Provis, Douglas Franklin, B.Sc.	1953
		Fryor, Eric John, B.A.	1941

Pyne, Maurice Ignatius, B.A. - - -	1929	Thompson, William, B.A. - - -	1941
Rabone, Harry Klements Percival, B.A. -	1941	Tomlinson, Betty Mary, B.A. - - -	1950
Radcliffe, Sheila, B.A. - - - - -	1953	Tonkin, Mary Elizabeth, B.A. - - -	1952
Ray, Marjorie, B.A. - - - - -	1951	Torr, Shirley Constance - - - - -	1944
Read, Philip Andreas, B.A. - - - - -	1941	Townsend, Herbert Louis, B.A. - - -	1945
Redden, Martin Philip, B.A. - - - - -	1934	Traeger, Keith Terence, B.A. - - -	1950
Rendell, Alan, Dip.Econ. - - - - -	1929	Treasure, Eunice Jessie, B.A. - - -	1947
Reynolds, Maxwell Stanley, B.A. - - -	1950	Treasure, Valda Beth, B.A. - - - -	1953
Richards, Gordon Alfred, B.A. - - - -	1940	Tregenza, Sydney Lloyd, B.A. - - -	1935
Richards, William Edward, B.A. - - -	1953	Trenorden, James Henry - - - - -	1945
Robinson, Samuel Foster - - - - -	1922	Trudinger, Ronald Martin, B.A. - - -	1944
Rodgers, Frances Ada, B.A. - - - - -	1938	Tuckwell, Eric Clavering, B.A. - - -	1945
Roehrs, Herma Erika, B.A. - - - - -	1953	Tuckwell, Kenelm Sinclair, B.A. - - -	1945
Rooney, Clifford, B.Sc. - - - - -	1938	Twartz, Arnold Frederick, B.Sc. - - -	1944
Rooney, Lois Josephine, B.A. - - - -	1948	Twartz, Clement Wilford - - - - -	1950
Rudd, Kenneth Clive, B.A. - - - - -	1947	Verrall, Raymond Wilfred, B.A. - - -	1942
Ryan, Michael Rupert, B.A. - - - - -	1941	Vickery, Frederick Arthur, M.A. - - -	1935
Sandercock, Alfred Mervyn, B.A. - - -	1938	Wache, Ethel Mabel, B.A. - - - - -	1941
Searle, Clifford Alfred James, B.A. - - -	1940	Waite, Jack Francis Enos, B.A. - - -	1939
Scriven, Murray Walter, B.A. - - - - -	1950	Wakeford, Sidney Claud, B.A. - - -	1939
Sexton, Edgar Raymond, B.A. - - - - -	1935	Walker, Gilbert John, B.A. - - - - -	1944
Sharman, Florence Mary, M.A. - - - -	1923	Wallace, Francis Joseph - - - - -	1953
Shaw, John Robert Stockdale, M.A. - - -	1942	Ward, Margaret Kennings, B.A. - - -	1953
Shaw, Kate Hambly, B.A. - - - - -	1937	Warren, Sidney Lilla, B.A. - - - - -	1927
Shepherd, John Alfred, B.A. - - - - -	1942	Watkinson, Mavis Daphne, B.A. - - -	1942
Shrowder, Ronald Louis, B.A. - - - - -	1943	Wauchope, Mavis Lorelie, B.A. - - -	1929
Simpson, Penelope Margaret, B.Sc. - - -	1953	Waugh, William McDonald, B.A. - - -	1952
Slee, Dugald Haughton, B.A., B.Sc. - - -	1940	Wayne-Smith, Reginald John - - - - -	1953
Smale, Thomas Charles, B.A. - - - - -	1951	Webb, Emmaline Nancy, B.A. - - - - -	1952
Smith, David Carswell, B.A. - - - - -	1939	Westgarth, Walter Tebbie, B.A. - - -	1928
Smith, Edward Rowland, B.Sc. - - - - -	1945	Whalan, Lionel Walter, B.A. - - - - -	1950
Smith, Henry Elliott Wesley, B.A. - - -	1938	Whitburn, Jack, B.A. - - - - -	1935
Smith, Joan Francis, B.A. - - - - -	1953	Whitelaw, Albert James, B.A., B.Sc. - - -	1945
Smith, John Fife, B.A. - - - - -	1939	Wilkins, Ray Eber, B.A. - - - - -	1950
Smith, Sheila Isabel Wesley, B.A. - - -	1947	Wilksch, Betty Ruth, B.A. - - - - -	1953
Spargo, Stanley Carr, B.A. - - - - -	1939	Williams, George Esson Keith, B.A. - - -	1941
Sparrow, Lorna Discombe, M.A. - - - -	1941	Williams, James Henry, B.A. - - - - -	1922
Stead, Sydney Arnold, B.Sc. - - - - -	1949	Williams, Phillip Glenly, B.A. - - - -	1943
Storch, Wilhelm Murray, B.A. - - - - -	1949	Williams, Walter Leslie, B.A. - - - -	1949
Strahan, Anthony William, B.A. - - - -	1939	Willington, Lloyd Stanley - - - - -	1950
Sugg, Bentham Horace, B.A. - - - - -	1940	Wilson, Francis Patrick - - - - -	1943
Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Educ. 1943) - - - - -	1939	Wilson, Jack Woodrow, B.Sc. - - - -	1943
Symonds, Wybert Milton Caust, B.Sc. - - -	1939	Wilson, Luther Ernest Crosby, M.A., B.Sc. - - - - -	1939
Tapp, Adrian, Lynda, B.A. - - - - -	1928	Wood, Allen Edwin, B.A. - - - - -	1947
Ternan, Verna Joyce, B.A. - - - - -	1945	Wright, Angus Stanley, B.Sc. - - - -	1939
Thiele, Colin Milton, B.A. - - - - -	1947	Zoratti, Alba Pierina, B.A. - - - - -	1949

ASSOCIATES IN PHYSICAL EDUCATION

Allert, Margaret Elizabeth - - - - -	1943	Horvat, Ludovic Henry - - - - -	1941
Angwin, Helen Mary - - - - -	1952	Ising, Margaret Lucy - - - - -	1942
Arthur, Lawrie Edyvean - - - - -	1949	Jensen, Richard Ian Broughton - - - -	1950
Aspinall, Nancie Jean - - - - -	1944	Kidman, Elizabeth Duncan - - - - -	1942
Astley, Margaret Helen - - - - -	1953	Laycock, Geoffrey Clinton - - - - -	1948
Baker, Mary Elizabeth - - - - -	1942	Lines, Beryl Linda - - - - -	1952
Bell, Thomas Clive Lithgow - - - - -	1948	McDowall, James - - - - -	1952
Betteridge, Pamela Beth - - - - -	1951	McGargill, Gordon Winstanley - - - -	1949
Braham, Henry Arnold Collyer - - - - -	1951	MacGillivray, Leith Grant - - - - -	1951
Brooks, Charles Alfred - - - - -	1945	Maddocks, Jean Kinloch - - - - -	1944
Bullock, Ivor George William - - - - -	1950	Mutton, Howard James Charles - - - -	1948
Cadzow, Leslie Consort - - - - -	1949	O'Loughlin, Ruth Dorothy - - - - -	1945
Chapman, Denise Alcon - - - - -	1950	Page, Ronne Earle - - - - -	1944
Cook, Heather Mignon - - - - -	1947	Proctor, Ivy Millicent, B.A. - - - -	1945
Coppock, Jeanetta May - - - - -	1943	Pugh, Elizabeth - - - - -	1949
Crisp, Brian Rex - - - - -	1952	Reynolds, Maxwell Stanley - - - - -	1944
Delanty, Patricia Hickford - - - - -	1949	Roberts, Owen David - - - - -	1947
Delsar, Frederick William - - - - -	1949	Rowe, Joy Dorothy - - - - -	1950
Drabsch, Alfred Felix, B.A. - - - - -	1947	Schuetz, Harold Edwin - - - - -	1947
Duffield, Valma Jean - - - - -	1953	Sladden, Jefford Desmond - - - - -	1949
Eldridge, Diana Melbourne - - - - -	1950	Thomas, Margaret Anne - - - - -	1945
Fromen, Petrea Elsie Dora - - - - -	1950	Torr, Alison Ruth - - - - -	1950
Grace, Gloria Dawn - - - - -	1951	Watson, Margaret - - - - -	1953
Green, Ralph Noel - - - - -	1952	Williams, Margaret Gordon - - - - -	1942
Haslam, Denise Allison - - - - -	1949	Wollaston, Elsie Margaretta - - - -	1950
Hodgson, Geoffrey Arthur - - - - -	1950	Wooldridge, Aileen Frances - - - -	1948

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE

Coombs, Mary Minetta - - - - -	1929	Locksley, Maurice - - - - -	1923
Cotterell, Norman Ashby - - - - -	1925	Macghey, Mary Veta, B.A. - - - - -	1923
Cromer, Victor Eugene - - - - -	1923	Morris, Lyndall Erica, B.A. - - - -	1929
Good, Doris Russell - - - - -	1928	Nairn, Loris Walter - - - - -	1929
Ham, William - - - - -	1923	Nicholas, Frances Maud - - - - -	1929
Harris, Doris Sophia - - - - -	1922	Oliphant, Harold George - - - - -	1925
Leach, William Valentine, M.A. - - - -	1925	Opie, Thomas Schulz, B.A. - - - - -	1922

Penny, Hubert Harry, B.A.	- - - -	1922	Smith, John Fife	- - - -	1925
Pritchard, Edgar Willie	- - - -	1924	Stanford, Walter Henry	- - - -	1929
Rendell, Alan	- - - -	1923	Thompson, Robert	- - - -	1924
Skitch, Cecil Ernest Lee	- - - -	1929	Williams, Gustav Cyril Milton	- - - -	1929

ASSOCIATES IN PHARMACY

Anderson, Gwendoline Eva	- - - -	1947	Evans, Anthony Greig	- - - -	1945
Anderson, Ronald Alexander	- - - -	1944	Evely, Roderick Harding	- - - -	1938
Andrews, Erson Leonard	- - - -	1939	Everett, John Kingsley	- - - -	1953
Ardill, David Anthony	- - - -	1953	Ey, William Theodor	- - - -	1937
Bahnish, Noel	- - - -	1945	Fenn, Donald George	- - - -	1950
Bailey, Geoffrey Reginald	- - - -	1948	Field, Arthur Blackiston	- - - -	1942
Ball, Gerald Benjamin	- - - -	1953	Fisher, Robert Hilson	- - - -	1942
Bardolph, Donald Harold	- - - -	1952	Fitzgerald, Robert John	- - - -	1940
Barnes, Donald Stalley	- - - -	1947	Flaherty, Howard Norman	- - - -	1947
Barnes, Herb	- - - -	1944	Fleer, Eric Donald	- - - -	1952
Bartold, Geoffrey Paul	- - - -	1947	Flood, Harry Brougham	- - - -	1951
Bassett, Murray Maxwell	- - - -	1948	Flood, John Warden	- - - -	1953
Bazeley, William Joseph	- - - -	1945	Francis, Robert Leonard	- - - -	1950
Beckinsale, Ronald Herbert	- - - -	1949	Fraser, Wallace	- - - -	1950
Beilby, Jack Canavan	- - - -	1947	Fraser, Kenneth John	- - - -	1952
Bentley, Alan	- - - -	1937	Frazer, Harold Thomas	- - - -	1939
Bentley, Deryck Edward	- - - -	1947	Freeman, Colin Charles	- - - -	1944
Billing, Robert Heaton	- - - -	1953	Freeman, John Christian	- - - -	1943
Bishop, Ronald Lancelot	- - - -	1951	Funder, Eileen Mary	- - - -	1935
Bishop, William Victor	- - - -	1949	Gameau, John Lewis	- - - -	1936
Booth, Thomas Sheldon	- - - -	1937	Garrett, Philip Douglas	- - - -	1953
Bourne, John Wallace	- - - -	1943	Garrett, Roger	- - - -	1936
Bowen, Frederick Lloyd	- - - -	1939	Gaunt, Norman William	- - - -	1934
Bowey, Allan Edgar	- - - -	1938	Gilbert, Harold William	- - - -	1947
Branson, Robert Rolling	- - - -	1937	Gillespie, Keith Herbert	- - - -	1939
Brett, Jack Nethersole	- - - -	1938	Goscombe, David Bevan	- - - -	1952
Brewster, Cora Elaine	- - - -	1948	Gould, Ashton Noye	- - - -	1938
Broad, Lionel Hugh	- - - -	1943	Grimes, Charles Lindsay	- - - -	1952
Brougham, Robert Joffre	- - - -	1940	Grist, Robert Hocart	- - - -	1951
Brown, Ronald Emanuel	- - - -	1944	Grooby, John David	- - - -	1951
Burge, Raymond Henry	- - - -	1936	Grove, William Murray	- - - -	1939
Callaghan, Maxwell John	- - - -	1951	Cryst, Helen	- - - -	1948
Callaghan, Roy Hugh	- - - -	1948	Cryst, Peter Mervyn	- - - -	1943
Carlier, Ellis Gladstone	- - - -	1951	Cryst, Ross Edward	- - - -	1952
Carnie, John Alfred	- - - -	1950	Guthrie, John Vincent	- - - -	1948
Caught, James Gardiner	- - - -	1935	Gwynne, Robert Frank	- - - -	1935
Cavanagh, Robert Edwin	- - - -	1936	Hall, Thelma Dorothy	- - - -	1937
Chapman, Avis Carol	- - - -	1952	Hammat, Edwin Laurence	- - - -	1948
Cheek, Harold Dudley	- - - -	1939	Hanna, Robert Andrew	- - - -	1951
Cheek, Robert	- - - -	1953	Hardwick, Bernice	- - - -	1949
Chodowski, Samuel Mendel	- - - -	1941	Hardy, Stuart Edward	- - - -	1936
Clancy, Ross Percival	- - - -	1945	Hawson, William Francis	- - - -	1952
Clark, Arthur Wellesley	- - - -	1934	Hayter, Bruce William	- - - -	1951
Clarke, Trevor Keith	- - - -	1945	Hearn, Walter Joseph	- - - -	1945
Clarke, Vinrace Lisle	- - - -	1936	Hemmings, Thomas Prior	- - - -	1945
Clarke, William Graham	- - - -	1947	Hennessy, Claude Harold	- - - -	1940
Coleman, Ronald George	- - - -	1947	Hession, John Eric Martin	- - - -	1941
Coles, Herbert Desmond	- - - -	1953	Hibble, Ross Ernest	- - - -	1950
Connell, Myles Patrick	- - - -	1949	Higgins, Gordon Leslie	- - - -	1949
Coorey, Brian Norman	- - - -	1950	Hill, Dudley Clarke	- - - -	1950
Coultas, Ronald John	- - - -	1950	Holder, Reuben Clement	- - - -	1953
Cox, Peter John	- - - -	1951	Hole, Ronald	- - - -	1952
Cracknell, John James	- - - -	1953	Holland, Bernard John	- - - -	1952
Crafter, Kenneth Charles	- - - -	1938	Hopewell, Edward Wallace	- - - -	1951
Crago, Reginald Allen	- - - -	1951	Hosking, Allen Edwin	- - - -	1934
Craig, Lloyd Albert	- - - -	1941	Hulbert, Russell George	- - - -	1938
Crowley, Frank Noah	- - - -	1953	Humphrys, Arnold Clarence John	- - - -	1951
Curnow, Thomas Martin	- - - -	1942	Hunt, Laurence August	- - - -	1953
Currie, Robert John	- - - -	1950	Hutchins, Ross	- - - -	1942
Daniell, Ross Wilfrid	- - - -	1938	Huxtable, Colin Stanley	- - - -	1948
Darwin, Lloyd Edwin	- - - -	1943	Huxtable, Kenneth Clarence George	- - - -	1949
Davies, Jonathan	- - - -	1953	Jacobs, Philip Arthur	- - - -	1952
Davis, John Lloyd	- - - -	1953	Jens, Percival Lancelot	- - - -	1938
de Brenni, Jules	- - - -	1944	John, Clarence Gilmore	- - - -	1948
Dent, Athlea Ada Lorraine	- - - -	1953	Johnson, John Kenneth	- - - -	1950
Dixon, John Miller	- - - -	1953	Johnson, Keith Douglas	- - - -	1941
Doe, Alwyn Gilbert	- - - -	1951	Johnson, Leonard	- - - -	1945
Dolman, John George	- - - -	1951	Johnston, Edwin John McCallum	- - - -	1938
Dowding, Ruth Elma	- - - -	1948	Jolly, Norman Dickson	- - - -	1939
Downie, Sydney Andrae	- - - -	1940	Jones, Douglas Perry	- - - -	1950
Duncan, John Davidson	- - - -	1950	Justin, John Herbert	- - - -	1942
Dundon, Laurence James	- - - -	1942	Kain, Coleman Lawrence	- - - -	1938
Dundon, Noel Francis	- - - -	1949	Kean, Christopher James	- - - -	1953
Dunstone, Kenneth William Thomas	- - - -	1943	Keipert, Paul Howard	- - - -	1942
Eckersley, Malcolm Russell	- - - -	1939	Kentish, Frank Stow	- - - -	1952
Egar, Paul Gerard	- - - -	1949	Kildea, John Brian	- - - -	1952
Elix, Robert Hugo	- - - -	1935	Kimber, Hubert Thomas	- - - -	1937
Entwistle, John	- - - -	1947	Kinsley, John Vere	- - - -	1938
			Kirby, David Bevan	- - - -	1940

Knightley, Harold Alan	1948	Retallick, Gladys Yvonne Joan	1943
Knill, Douglas William	1940	Retallick, John James Mark	1951
Laffer, Mildred Emily	1935	Rice, William Frederick	1934
Lalor, William Brian	1935	Richards, Brian John	1952
Larwood, Patricia Myrtle	1947	Richardson, Jack McPherson	1937
Lawton, Brian Eley	1949	Roberts, Peter Vernon	1951
Leak, Weston Hugh	1939	Robinson, Murray Gilbert	1947
Lean, Albert Gordon	1938	Rogers, Barry Harcourt	1952
Lean, Keturah Victoria	1935	Rohlfing, Kenneth Malcolm	1948
Lenthal, Douglas Lionel	1936	Rohrig, D'Arcy Clayton	1941
Lever, Lionel Alfred	1952	Rolfe, Thomas John	1936
Lewis, Loulie Maxine	1949	Rosewall, Robert Walker	1953
Lock, Peter Bayard	1943	Rowe, Gordon Thomas	1948
Lovell, Barbara Jean	1948	Rowe, John Crawford	1950
Lower, Rupert Alexander	1940	Russell, Alan Alexander	1947
Lynas, Kaye Ward	1952	Russell, Norman	1950
Lyns, Colin Henry	1951	Ryan, Molly Hazel	1942
McCull, Peter Donald	1951	Ryder, John Bernard	1943
McNeil, Keith Albert	1950	Salman, Harry William	1934
MacQueen, David Dugald	1952	Schocroft, John Charles	1953
MacRae, George Brown	1933	Schroeder, June Adele	1951
Makin, Harry Arnold	1942	Schultz, Francis John	1940
Malpas, Cecil Egerton	1945	Scrivener, Bruce Allan	1952
Manning, Lancelot Henry	1934	Scrivener, Desmond Arthur	1950
Manton, Jack Hudson	1934	Shapter, William Evan	1944
Martin, Adeline Zoe	1934	Shepherd, Peter	1940
Martindale, Aileen Francis	1948	Shetliffe, Reginald George	1936
Martindale, Edward John	1947	Short, Lynette Margaret	1952
Marshall, Alfred George Robert	1939	Siggins, Ronald Hewitt	1938
Matthews, Maurice John	1935	Simcock, Gerald Cyril	1953
McCarthy, Roderick Charles	1936	Simon, John Ross	1951
Meadsay, John Cleveland	1943	Skews, Thomas Nisbett	1952
Meegan, Peter	1951	Sleep, Frank Ronald	1945
Michaels, Donald Ernest	1941	Smith, Graham Reginald	1934
Middlemiss, Brian Robert	1951	Smith, Mervyn Keith	1939
Mildren, Brian Frederick	1944	Smylie, Gordon McInnes	1940
Miller, Heather Joyce	1948	Smyth, Neil Lawrence	1950
Miller, Robert Lionel	1938	Sorrell, Leonard Martin	1942
Mitchell, Donald Graham	1944	Southam, Sydney Anthony	1950
Moriarty, Daniel Francis	1951	Spafford, Rex Netherton	1939
Mosel, Donald	1945	Sperber, Allan Lynton	1952
Mudie, Robert Charles Wedderburn	1952	Stain, John Wright	1939
Mudie, Stuart Mayelston	1953	Statton, Bruce Arthur	1943
Mugg, Gordon Murrie	1940	Stedman, Paul George	1952
Newbery, Betty Hilda	1947	Storen, Walter Joseph	1951
Newbery, Donald Ernest	1944	Streicher, Francis Mannix	1942
Newbery, John Henry Edward	1947	Stuckey, Mary Hill	1942
Newton, Clarence Alfred	1941	Sutcliffe, Lewis Allan	1952
Nicholas, Cecil David	1941	Swan, Joyce Charlotte	1942
Nicholls, Brian Charles	1949	Sweet, Ronald Langdon	1953
Norman, Alfred James	1935	Symonds, Robert Murray	1951
Norman, Jack Campbell	1951	Talbot, Allan Benjamin	1940
Ogders, Murray Grenfall	1938	Taylor, Ray Athol	1949
Offe, Garth Ian Hamilton	1940	Taylor, Ronald Norman	1947
Ongley, John Henry Albert	1936	Taylor, William Thomas	1936
O'Reilly, Dominic Patrick John	1941	Teakle, John Kevin	1951
Pak Poy, Wilfred Cecil	1952	Thompson, Donald Bruce	1953
Parker, Rex Carleton	1934	Thompson, Eric James	1935
Parsons, Donald Allan	1952	Tiver, Lloyd Charles	1937
Patrick, Reginald Ross	1942	Tonkin, Peter Richard	1942
Patterson, Ronald Thomas	1939	Townsend, Graham Rosslyn	1952
Pawson, Keith Curry	1952	Trevelyan, Denys Murray	1948
Payne, Beryl June	1952	Tulloch, Roger James	1949
Peek, Donald Harvey	1947	Upton, James Harold Charles Hughes	1938
Penhall, Donald Frederick James	1951	Upton, Robert Maxwell William A.	1951
Penney, Donald Ross	1952	Veitch, Robert Henry	1951
Phelps, Kevin George	1952	Venning, Claude Meadows	1940
Phillips, Yvonne Ruth	1953	von Doussa, Kathleen Gwendoline	1949
Philp, Harold John	1953	Walker, Leonard Frank	1936
Phvisick, William Alick	1940	Walker, Raymond Charles	1943
Pickering, John Ronald	1953	Wall, Kenneth	1936
Porra, Robert John	1953	Walsh, Afton Peter	1937
Porter, Kenneth Symes	1935	Walsh, Zeta Mary	1934
Potts, Frank Desmond	1951	Ward, Clyde Hedley Charles	1948
Priess, Richard John	1941	Ware, John Brian	1950
Pritchard, Helen Bessie	1948	Warnecke, Drennan Paul	1949
Purches, John Alfred	1947	Warnecke, Peter Gerald	1952
Ramsay, Douglas	1934	Warren, Donald Spencer	1951
Ramsey, Colin Bruce	1950	Watson, John Myers	1949
Ramsey, Mollie Aileen	1942	Watts, John William	1938
Ramsey, Maxwell George	1953	Wauchope, Alan Wylie	1941
Randell, William Richard	1940	Webb, Donald Ralph	1943
Rankine, Ian Jeffrey	1942	Webber, Brian Earl	1952
Rauth, William Heseltinge	1941	Weller, Reginald Lancelot Elon	1953
Reid, Betty Lorna	1949	Wellington, Nancy Catherine	1944

Wescombe, Peter George	1953	Wilson, Beryl Maud	1951
West, Lionel Thomas	1952	Wilson, Donald Kenneth	1951
Wheaton, Frank Hurtle Pengeley	1948	Wilson, William Fraser	1941
Wheeler, Eric Henry	1942	Woodford, Lewis Maxwell	1951
Wheeler, Reginald Gordon	1944	Woodlard, Mervyn John	1935
White, John Carew	1940	Worthington, Ralph Henry	1953
White, John Matthews	1941	Wurm, Peter Sinclair	1953
Wickes, Ronald John	1941	Wyld, Robert Bowen	1950
Wigley, Tom Joseph	1934	Zander, Frank Howard	1941
Williams, Edward Francis	1947		

ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith	1950	Johnson, Marjorie Lisle	1947
Angove, Margaret Carlyon	1942	Jones, Albert Richard	1949
Ashbolt, Winifred Joy	1948	Kay, Franziska Clara	1948
Astley, Joyce Mary	1947	Kempe, Merridy Henderson	1948
Bails, Ruth	1943	Kerr, Olwyn Gertrude	1948
Baker, Mary Elizabeth	1947	Lawrence, Robert John, B.A.	1953
Bakewell, Joan Helen	1951	Lean, Shirley Doris	1949
Ball, Heather	1951	LeCornu, Barbara Joy	1949
Ball, Iris Marguerite May	1949	Lewis, Ruth Pamela	1949
Bates, Nancy Patricia	1947	Liston, Doreen Bice	1950
Bayer, Josephine Kent	1944	Lorking, Diana Pauline Elizabeth	1950
Benjamin, Eric	1949	Lovibond, Sydney Harold	1949
Bidwell, Dorothy Gwendoline	1949	†McDonald, Jessie Angus (1939)	1942
Boehm, Claire Edith	1951	†McIntosh, Florence Mary (1938)	1942
Bosworth, Catherine Jean	1947	McLaughlin, Helen	1948
Bowen, Suzanne Joan	1944	†McKail, Mary Boyer (1938)	1942
Buckley, Hannah	1942	MacKay, Annette Frances	1942
Burnett, Ronda June	1949	Macklin, Nancy Marie (1940)	1942
Burns, Margaret Ternouth	1945	MacLennan, Flora Joy	1942
Carlton, Eileen Grace Sally	1953	McPherson, Margaret Helen	1953
Carthew, Margaret	1948	†Marcus, Patricia Langman (1938)	1942
Cavalier, Elizabeth Mary	1944	Marsden, Elizabeth Ann	1953
Clark, Caroline Emily	1949	Mathews, Rita Clarice	1948
Clarke, Walter Frederick	1950	Matters, Barbara Frances	1948
Clegg, Donald Stanley George	1950	Maund, Doreen Rhoda	1951
Cleland, Pamela Mary	1949	†Mengerson, Margaret (1939)	1942
Clucas, Gwendoline Ivy	1944	Mercer, David Jeffrey	1948
Cope, Joan Maxine	1951	Michell, Aithnah Howard	1950
Cornish, Mary Esther	1947	Nairn, Phyllis	1948
Crook, Marjorie Marion, B.A.	1948	Nankivell, Diane	1948
Crosby, Heather Bembrick	1945	Osterman, Ingrid Gwendoline	1951
Crouch, Lilian Rubena	1948	†Paine, Helen, B.A. (1940)	1942
Cuddihy, Geoffrey Thomas	1952	Paine, Janet, B.A.	1949
Cuthbertson, Grace Joy	1953	Parker, Thelma Margaret	1948
†Davis, Phyllis Evelyn Eva (1941)	1942	Pascoe, Noeleen Deidre	1952
Dobson, Lesbia Constance Alma	1947	Perrins, Pamela Aileen	1953
Douglas, Christine Gordon	1948	Plunkett, Margaret Elizabeth	1948
Dow, Anne Eleanor	1949	Polkinghorne, Patricia Margaret	1951
Ellis, Joan Mary	1950	Pope, Kathlyn Hilary, B.A.	1953
Featherstone, Dora Bewley, B.A.	1942	Porter, Vincentia Margaret	1949
Fitzgerald, Gwyneth Joy	1952	†Prince, Beryl Lloyd (1940)	1942
Flett, Phyllis Margaret	1948	Reed, Margaret Kathleen	1942
Fong, Yin Kam	1953	Reynolds, Lilo, B.A.	1952
Forrest, Ida Jean	1949	Roberts, Barbara June	1950
Fox, Alison Frances	1947	Roberts, Luke Vincent	1949
Fry, Roma Kathleen	1947	Russell, Brenda Amanda	1949
Gault, Yolande Mary	1949	Salter, Amy Vivien Fulton	1945
Gow, Alwyn Mona King	1950	Sandford, Patricia Mary	1947
Graham, Elaine Alston	1951	Sandford-Morgan, Rosemary Linton	1949
Griffith, Elsie Mervyn	1948	Sard, Helen Riddoch	1953
Habib, Mary Lorraine	1951	Schmidt, Thekla Naomi	1947
Hallett, Rosamund	1951	Serradura, Anthony Alexander	1953
Halls, Christobel Heather Susannah	1949	Shaw, Margaret Pointon	1945
Hambidge, Margaret Cecile, B.A.	1942	Silk, Beatrice Mary Mounsey	1945
Harris, Cyril Eric McGillivray	1949	Simes, Maysie Hall	1948
Haslam, Anne	1947	Smith, Graham Frank	1948
†Haste, Ada Louise (1941)	1942	†Slade, James Francis (1939)	1942
Hayter, Joan Nelson	1948	Sobey, Iris Beatrice, B.A.	1947
Heffernan, Helen Margaret	1949	†Stanton, Anne (1940)	1942
Helman, Eve	1947	Stephen, Winifred Grace	1947
Henderson, Barbara	1947	Stevenson, Margaret	1947
Hicks, Elizabeth Joan	1950	Stock, Colin Rendle	1949
Hill, Josephine Margery	1950	Streicher, Joan Patricia	1950
Hogben, Elizabeth Cole	1948	Sugg, Madge	1947
Hope, Marjory Frances	1947	†Sullivan, Margaret Rendle (1941)	1942
Hunter, Geoffrey Norman	1950	Tai, Marlene	1945
†Hunwick, Maureen Mary (1938)	1942	Tar bath, John David	1950
Hutchinson, Yvonne Francis	1949	Teasdale, Margaret Jean	1952
Jackson, Iris Ellen	1949	Teate, Elizabeth	1950
Jacobs, Eleanor Caroline	1944	Thomson, Joanna Roberta	1947
James, Helen Margaret, B.A.	1943	Thomson, Reginald	1949
Jenkins, Merle Nona	1950	Tipping, Barbara Gertrude	1944

Tohill, Judith Windebank - - - -	1953	Wemyss, Glenys Maisie - - - -	1951
Trotter, Eileen Mary - - - -	1947	Whitehead, Millicent Alma - - - -	1949
van Raalte, Winifred - - - -	1947	Whittington, Anne, B.A. - - - -	1951
Vincent, Ivan Leonard Ray - - - -	1952	Wicks, Nancy Elizabeth - - - -	1947
Walters, Margaret Ward - - - -	1947	Wilmot, Edith French, B.Sc. - - - -	1944
Warner, Joan - - - -	1951	Wilson, Shirley Cameron - - - -	1950
Warrest, Jean Alice - - - -	1949	Winter, Eva Bertha - - - -	1951
Waters, Lesley Brenda - - - -	1947	Winter, Lewis Walter - - - -	1948
Waterman, Collette - - - -	1944	† Woods, Irene Constance (1938) - - - -	1942

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

ASSOCIATES IN PHYSIOTHERAPY

Appleby, Dorothy Dawn - - - -	1950	Lake, Joan - - - -	1946
Ashton, Barbara Jean - - - -	1953	Laver, Dorothy Margaret - - - -	1948
Banks, Athalie Isabelle - - - -	1951	McCandless, Rosalind Elizabeth - - - -	1953
Banks, Garland - - - -	1951	Mackie, Margaret Irene - - - -	1950
Begg, Jenny Isabel - - - -	1949	McElroy, Margaret Joyce - - - -	1950
Begg, Pauline - - - -	1951	McLennan, Fay Maisie - - - -	1951
Biven, Mabel Audrey - - - -	1947	McPhee, Aileen Tempe - - - -	1949
Bowman, Kathleen Mary - - - -	1952	Maitland, Geoffrey Douglas - - - -	1949
Brady, Kevin James - - - -	1953	Maloney, Patricia Kathleen - - - -	1950
Branson, June Maxine - - - -	1948	Marshman, Margaret Felstead - - - -	1946
Chittleborough, John James - - - -	1952	Marshman, Margaret Felstead - - - -	1946
Clark, Genevieve Mary - - - -	1950	Meyer, Carlien Alisarde Ripley - - - -	1952
Collins, Doreen - - - -	1946	Meyer, Rigmor Stewart - - - -	1948
Colliver, Judith Mary - - - -	1947	Mitchell, Dorothy Christine - - - -	1948
Copley, Fay Muriel - - - -	1948	Moore, Margaret Suzanne Alice - - - -	1945
Creswell, Joan Elizabeth - - - -	1951	Moore, Virginia Joyce - - - -	1952
Crowe, Helen Katherine Margaret - - - -	1948	Morley, Mary Elizabeth - - - -	1946
Davys, Barbara Ramsay - - - -	1951	Morris, Suzanne Beatrice - - - -	1949
Donaldson, Robert Gordon - - - -	1948	Newton, Margaret Betty - - - -	1950
Dow, Diana Caroline Sandland - - - -	1947	O'Connell, Barbara - - - -	1952
Dunkley, Barbara - - - -	1952	Paige, Maxwell John - - - -	1949
Fielder, Ethel Kathleen - - - -	1948	Phillipps, Margaret Jean - - - -	1945
FitzPatrick, Eril Margaret - - - -	1950	Pitcher, Anne Barton - - - -	1951
Follett, David James - - - -	1953	Plush, Lesley Margaret - - - -	1949
Frankcom, Rhonda Patricia - - - -	1952	Preston, Pauline Rowland - - - -	1949
Fricke, Muriel Vera - - - -	1948	Rischbieth, Anne Helen - - - -	1950
Gault, Averil Margaret - - - -	1949	Roach, Valerie Eyre - - - -	1949
Graham, Ronald Kirkwood - - - -	1953	Robertson, Mary Douglas - - - -	1947
Gray, Gary Colin - - - -	1953	Rofe, Margaret Jean - - - -	1950
Gray, Janet Lesley - - - -	1950	Ross, Susan Mary - - - -	1947
Gray, Jule Marie - - - -	1951	Rzeszkowski, Lois Morna - - - -	1946
Hammond, Marie Joan - - - -	1951	Salmon, Margaret Besley - - - -	1945
Hannaford, Claire Anne - - - -	1949	Sandow, Maxwell George - - - -	1952
Hardy, Barbara Mansell - - - -	1946	Simpson, Jean Katie - - - -	1952
Hardy, Mary Mansell - - - -	1951	Simpson, Rae David - - - -	1951
Heyson, June - - - -	1948	Sims, Enid Helen - - - -	1950
Holder, Charlotte Ruth - - - -	1949	Smith, Elaine Lockhart - - - -	1946
Jamieson, June Edna - - - -	1953	Stoddart, Lorraine Mary - - - -	1951
Jay, Judith Helena - - - -	1947	Taylor, Christobel Jane - - - -	1952
Jennings, Jill Gellibrand - - - -	1947	Taylor, Margaret Anne - - - -	1952
Job, Kathleen - - - -	1950	Taylor, Margaret Mary - - - -	1952
Johns, Gordon James - - - -	1946	Thomson, Janet Elizabeth - - - -	1951
Jones, Alison Mary Herbert - - - -	1948	Tosolini, Gwen Corinna - - - -	1951
Jordan, Hilary Anne - - - -	1951	Waddell, Margaret Jean - - - -	1945
Jutner, Susan Elizabeth - - - -	1953	Wall, Ellen Winifred - - - -	1953
Kelly, Francis Simeon - - - -	1949	Waterhouse, Jane Hardey - - - -	1953
Kinsman, Alison Joan - - - -	1949	Wicks, Claire Hampton - - - -	1947
Klutke, Eric Willi - - - -	1953	Wood, Judith Mary - - - -	1953
Laffer, Erica Merle - - - -	1952	Wylde, Annette Eustace - - - -	1947

ASSOCIATES IN ARTS AND EDUCATION

Adams, Malcolm Thomas - - - -	1952	Bosworth, Catherine Jean - - - -	1951
Ahrens, Elsie Gladys - - - -	1951	Bourne, Margaret Cornelius - - - -	1949
Alexander, Stuart Dixon - - - -	1952	Bowden, Janet - - - -	1951
Andrews, David Francis William - - - -	1948	Bowler, Mary - - - -	1949
Andrews, Rosemary Alison - - - -	1953	Bown, Henry Theobald - - - -	1949
Armitage, Bessie Eleanor Mildred - - - -	1949	Braham, Henry Arnold Collyer - - - -	1949
Ashton, Walter Ray - - - -	1950	Brideson, Colin Herbert - - - -	1950
Aspinal, Nancie Jean - - - -	1951	Bridgland, Margot Elizabeth - - - -	1953
Auhl, Ian Leslie - - - -	1952	Brocksopp, John Ernest, LL.B. - - - -	1951
Baird, Rachel Mary - - - -	1949	Brown, Norman - - - -	1951
Baker, Harvey Laurence - - - -	1950	Buick, William George - - - -	1950
Barker, Leon James Frank - - - -	1952	Burgan, Owen Sylvester - - - -	1948
Bastian, Elwin Scott - - - -	1952	Burley, Betty Ellanora Dawn - - - -	1951
Baxter, Ladislus Edward - - - -	1949	Burnard, Charles Robert - - - -	1948
Bayly, Elizabeth - - - -	1948	Burns, Esther - - - -	1948
Beaty, Arnold Keith - - - -	1952	Burns, Robert Alexander - - - -	1951
Bennett, Henry Russell - - - -	1948	Burville, Thomas George Theodore - - - -	1952

Butcher, Colin Sydney	1951	Humphries, Arthur Cecil George	1950
Butler, Francis James	1948	Humphries, Edna Jennine	1951
Buttrose, Stroma	1951	Hussey, Francis Leitch	1950
Bywaters, Mary Barfield	1951	Hutson, Walter William	1948
Campbell, Barbara	1950	Jackson, Esther Mary	1952
Carmichael, Donald Ross	1949	Jakobsen, Hugo	1952
Cavenett, Horace Clifford	1948	James, Richard Cecil	1949
Chandler, Douglas Norman	1951	Jenkin, Robert Haydon	1953
Charlesworth, George Harvey	1950	Jenkins, Merle Nona	1950
Clancy, Peter Allan	1953	Jeffs, Kathleen Ellinor	1948
Clark, John Stephen	1951	Johns, Beryl Fay	1952
Clarke, Margaret Anne	1948	Jones, Helen Margaret	1953
Clarke, Ruth Mary	1949	Judd, James	1950
Coggins, Robert Symes, B.Sc.	1951	Kealley, Frank Shenstone	1948
Considine, Thomas John	1950	Keane, Kenneth John	1951
Cook, Colin George	1951	Kelley, William Brian	1949
Cook, Owen Gladstone	1951	Kesting, Norman Gustav	1951
Coombs, Ruby Rachel	1953	Kimber, William Harold	1948
Copcock, Alfred Arthur	1950	Kissell, Thomas Alfred	1950
Cousins, Georgena Millicent	1949	Kroehn, Joan Margaret	1951
Cowley, Lorine Joan	1952	Lamacraft, Kenneth Ronald Ross	1951
Cross, Jack	1953	Lamborne, Maxwell Addison	1949
Daenke, Eric	1948	Langsford, Irene Eltham	1949
Dahl, James Oliver	1949	Laslett, Barbara Rose	1952
Darbv, Ruth Mary	1949	Leak, Brian Hedley	1952
Davey, Kenneth Llewellyn James	1953	LeCornu, Colin George	1951
Davies, David William	1950	Leibie, Albert Lawrence	1952
Davis, Brian	1949	Leigh, Kathleen Lavinia Anne	1951
Dawes, Walter Ernest	1949	Lock, Dorothy Marie Jeanne	1950
Delsar, Frederick William	1949	Lodge, John Kenneth Hyde	1953
Dempster, Donald	1949	Longbottom, Maxwell Ernest	1953
Dent, Ronald Thomas Stewart	1952	Love, Robert Stewart	1948
Dorman, Jean Alison	1951	Lunnay, Aubrey William	1952
Driver, Bruce Edwin	1952	McCracken, Samuel Raymond	1951
Duell, Allen John	1951	McDonald, William George Harlowe	1948
Dunbar, Harry Edward	1953	McDowall, James	1952
Dunlop, Walter James	1951	McElroy, Anthony Godfrey	1949
Dunstan, Arnold Edward Stanton	1948	McGuire, Anthony	1952
Dyster, Thomas	1949	McKenzie, Hector Malcolm	1948
Eckert, Lexley Frank	1951	McKinnon, Charles Richard	1951
Edwardes, Arthur Diedrich	1950	McKinnon, Kenneth Richard	1952
Esselbach, Rodney	1953	McLay, Andrew Harold	1950
Evans, Ben Owen	1950	McLeod, Murray Robert Love	1949
Evans, Peter	1953	McNamara, Maurene Rita	1952
Ey, Sheila Margaret	1950	McRostie, Keith Henry	1950
Farrow, Robert Murray	1950	MacGillivray, Leith Grant	1951
Fergusson, George Robert	1948	Mader, Conrad Wilfred	1952
Fitch, Nancy Jean	1949	Magnay, William Ralph	1952
Fitzgerald, Clarence Lindsay	1949	Mansfield, Richard Charles	1951
Foweraker, Alma Muriel	1950	Maple, Alexander Montrose	1948
Fricke, Lourdes Victoria	1951	Marsh, William Clarence	1951
Friedrichs, Noel Carl	1952	Martin, John William	1950
Galle, Reginald Victor	1951	Masters, John Clive	1949
Galvin, Patrick John	1953	Mausolf, Wallace	1951
Gibbs, Alfred Lewis Burnand	1948	Michelmores, Roland Symons	1948
Giles, James Ramsay	1951	Milway, Russell Henry Oliver	1949
Glover, Geoffrey Edward Harold	1951	Moore, Eric Claude	1953
Glynn-Roe, Wilfrid Joseph	1948	Morrison, John Colin	1953
Golding, Edmond William	1949	Mudge, Aired Clarence	1952
Gower, Charlie James	1951	Mulraney, Leslie Patrick	1950
Green, Ian Edward Charles	1949	Mundy, Robert Reginald Peter	1951
Guerin, Robert	1950	Murchland, Mildred Emily	1949
Hakendorf, Hansie St. Clair	1950	Murray, Heather Jeann	1953
Hall, Clifford Thomas Robert	1950	Natt, Geoffrey	1950
Hallewell, Audrey Joan	1952	Nixon, Valerie Colinette	1952
Hammond, William David	1952	Noblett, Max Hadden	1952
Hansen, Norman Victor	1951	Noon, David Lyon	1948
Harper, Brian Youl	1951	Norman, Jacob	1952
Harrington, Archie	1951	Norton, Mary Alice	1949
Harrip, Elva Ray	1950	Nottle, Geoffrey Edward	1953
Harrison, Mary Elizabeth	1951	Nunan, Douglas Stephen	1951
Harrison, Ruth Olive	1950	Oborn, Herbert Russell	1948
Hart, Arthur Philip Clarendon	1948	O'Leary, Patricia	1950
Hastwell, Nita Claire	1948	O'Neill, Marguerite	1948
Hawes, Gwynneth June	1952	Opie, Roderick Preston	1953
Hay, Nancy Evelyn	1952	Paice, William Osborne	1950
Hecker, Coral Gladys	1950	Palmer, Rachel Dawn	1950
Hefford, Ronald Keith	1951	Parke, Roy Frederick Walter	1948
Hicks, Lancelot Fry	1951	Paterson, Robert George	1952
Hill, Victor Arthur	1952	Patterson, Frank Brenton	1948
Hocking, Edward Bridgman	1951	Peake, Archibald John	1950
Hosking, William Rex	1951	Pearce, Alfred Moreton	1949
Howell, William Ewart	1950	Pearce, Edwin Lovell	1952
Hughes, John	1953	Pearce, Nancy	1952

Pearce, William - - - - -	1952	Stocker, Reginald Henry - - - - -	1953
Pennicott, Ralph William - - - - -	1948	Stone, Victor Oxford - - - - -	1953
Phillips, Ronald Osborn - - - - -	1950	Sykes, Helen Marian - - - - -	1949
Pierson, Robert Arthur - - - - -	1953	Tabor, Barbara - - - - -	1950
Pitman, Hartley Kenneth - - - - -	1953	Taylor, Beatrice May - - - - -	1948
Playfair, Noel Angus - - - - -	1951	Taylor, Douglas McLeod - - - - -	1950
Poke, Alison Rae - - - - -	1953	Theobald, Howard Wesley - - - - -	1948
Pole, Audrey Elizabeth - - - - -	1951	Thomas, Linley - - - - -	1952
Polkinghorne, Heather Mary - - - - -	1949	Thompson, Frank Howard - - - - -	1951
Pratt, Aubrey Ronald - - - - -	1952	Thompson, Iris Maude - - - - -	1952
Quigley, Francis James Leo - - - - -	1950	Till, Patricia Dell - - - - -	1952
Ramsay-Matthews, Jean - - - - -	1953	Tindall, Mildred Florence - - - - -	1950
Read, Clarence Percy - - - - -	1949	Torr, Alison Ruth - - - - -	1950
Redin, Lewis Charles - - - - -	1951	Trapnell, John Courtenay - - - - -	1952
Redman, Jessie Adelaide - - - - -	1951	Travers, Thomas Edward - - - - -	1948
Redstone, Frank - - - - -	1949	Trebilcock, David - - - - -	1953
Reincke, Kevin - - - - -	1950	Tregilgas, Francis Everleigh - - - - -	1952
Rendell, Rosemary Anne - - - - -	1953	Trudinger, June Stirling - - - - -	1949
Richards, Martin Clyde - - - - -	1952	Tulloch, David Gerald - - - - -	1952
Richards, Mary Elizabeth - - - - -	1948	Twartz, Clement Wilford - - - - -	1948
Roberts, Owen David - - - - -	1949	Vaughan, Matthew Ferdinand - - - - -	1950
Rogers, Roma Emma - - - - -	1951	Vogelsang, Arthur Ernst - - - - -	1950
Rogers, Ruth Nellie - - - - -	1951	Wachtel, Heinrich Lenhart - - - - -	1948
Rooney, Kathleen - - - - -	1948	Wallace, Francis Joseph - - - - -	1948
Rowe, Rex Norman - - - - -	1950	Wardle, Allen - - - - -	1952
Rowell, George Douglas Fairbairn - - - - -	1949	Webber, Ian James - - - - -	1953
Rudolph, Gerald Alfred - - - - -	1951	Webber, Muriel Esme Jill - - - - -	1952
Ruediger, Malcolm Milton - - - - -	1950	Wellington, Douglas Erwin - - - - -	1950
Sage, Harold Robert - - - - -	1950	West, George Graham - - - - -	1948
Sando, Clarice Melva - - - - -	1950	White, Emily Alice - - - - -	1953
Schulz, Clifford Rupert - - - - -	1953	Wiese, Ivo Ray - - - - -	1951
Searle, Vera Katherine - - - - -	1953	Wilkinson, Stewart Rex - - - - -	1948
Shekleton, Peter Reginald - - - - -	1951	Williams, Ruth Jacqueline - - - - -	1949
Smale, Thomas Charles - - - - -	1949	Williamson, Beth England - - - - -	1949
Smith, Constance Ethel - - - - -	1950	Wilson, Francis Patrick - - - - -	1948
Smith, Donald Powell - - - - -	1952	Wilson, Gwendolyn Moore - - - - -	1950
Smith, Doris Elizabeth - - - - -	1951	Woithe, Francis Arnold - - - - -	1951
Smith, Ivan Ford - - - - -	1949	Wood, Eric William Hadley - - - - -	1951
Smith, John Henry - - - - -	1950	Woodards, Eva Narma Cherrington - - - - -	1949
Smith, Maxwell John - - - - -	1953	Woods, Donald Peter - - - - -	1951
Smith, Reginald John Wayne - - - - -	1950	Wright, Florence Maude - - - - -	1953
Smith, Sylvester - - - - -	1948	Young, Donald Lindsay - - - - -	1952
Spence, Colin Everett - - - - -	1952	Young, Joan Margaret - - - - -	1952
Stanley, Raymond John - - - - -	1952	Zoerner, Robert John - - - - -	1951
Steinle, John Richard - - - - -	1952		

STATUTES

CONTENTS

Chapter	
I.	Of the Chancellor and Vice-Chancellor.
II.	Of the Council.
III.	Of the Senate.
IV.	Of the Academic Staff.
V.	Of the Registrar.
VI.	Of Leave of Absence.
VII.	Of the Seal of the University.
VIII.	Of Terms.
IX.	Of Matriculation.
X.	Of the Faculties.
XI.	Of Degrees.
XII.	Of the Board of Discipline.
XIII.	Of The Angas Engineering Scholarship and the Angas Engineering Exhibitions.
XIV.	Of The John Howard Clark Prize and the John Howard Clark Scholar.
XV.	Of The Stow Prizes and Scholar.
XVIa.	Of The Everard Scholarship.
XVib.	Of The Eric Smith Scholarship.
XVic.	Of The Archibald Mackie Bursary.
XVII.	Of Conduct of Examinations.
XVIII.	Of Academic Dress.
XIX.	Saving Clause and Repeal.
XX.	Of The Roby Fletcher Prize.
XXI.	Of the Dr. Davies-Thomas Scholarships.
XXII.	Of The Hartley Studentship.
XXIV.	Of Non-Graduating Students.
XXV.	Miscellaneous.
XXVII.	Of Diplomas and their Boards of Studies.
XXVIII.	Of The Joseph Fisher Medal of Commerce and The Joseph Fisher Lecture in Commerce.
XXIX.	Of the Affiliation of Roseworthy Agricultural College.
XXX.	Of The Tinline Scholarship.
XXXI.	Of the David Murray Scholarships.
XXXII.	Infectious Diseases.
XXXIII.	The Lowrie Scholarships.
XXXIV.	Of The John Bagot Scholarship and Medal for Botany.
XXXV.	Of The Bundey Prize for English Verse.
XXXVI.	Of the John Creswell Scholarships.
XXXVII.	Of The Alexander Clark Memorial Prize.
XXXVIII.	Of The Lister Prize.
XXXIX.	Of The John Lorenzo Young Scholarship and The John L. Young Scholarship for Research.
XL.	Of the Dr. Chas. Gosse Lectureship and Medal in Ophthalmology.
XLI.	Of the Eugene Alderman Scholarships.
XLII.	Of the A. M. Simpson Library in Aeronautics.

- XLIII. Of the Ernest Ayers Scholarships in Botany or Forestry.
XLIV. Of the Animal Products Research Foundation.
XLV. Of the Barr Smith Library.
XLVI. Of The George Thompson Bursary in Commerce.
XLVII. Of the Elizabeth Jackson Library.
XLVIII. Of St. Mark's College, Incorporated.
XLIX. Of the Appointments Board.
L. Of The Thornber Bursary.
LII. Of The Bonython Prize.
LIII. Of The Rennie Scholarship for Research in Chemistry.
LV. Of The Fred Johns Scholarship for Biography.
LVI. Of The Archibald Watson Prize.
LVII. Of the Affiliation of the South Australian School of Mines and Industries.
LVIII. Of The T. G. Wilson Travelling Scholarship in Obstetrics.
LIX. Of the R. W. Bennett Prizes and Medal.
LX. Of The Chapman Prize.
LXI. Of St. Ann's College, Incorporated.
LXII. Of The Anna Florence Booth Prize.
LXIII. Of The William Gardner Scholarship.
LXIV. Of The Shorney Medal and The Shorney Prize.
LXV. Of The James Barrans Scholarship.
LXVI. Of Aquinas College, Incorporated.
LXVII. Of The Angas Parsons Prize.
LXVIII. Of The Lucy Josephine Bagot Prize.
LXIX. Of the Selborne Moutray Russell Scholarships.
LXX. Of The Varley Scholarship.
LXXI. Of the Anders and Reimers Scholarships.
LXXII. Of The Sir Archibald Strong Memorial Prize for Literature.
LXXIII. Of the J. E. Jenkins Scholarships.
LXXIV. Of the Gladys Lloyd Thomas Scholarship for Violin.
LXXV. Of the E. Harold Davies Scholarship for Organ.
LXXVI. Of the Gavin David Young Lectures in Philosophy.
LXXVII. Of the Baker Scholarship in Law.
LXXVIII. Of Lincoln College, Incorporated.
LXXIX. Of the Frederick Bevan Scholarship for Singing.

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

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

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

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

Chapter II.—Of the Council.

1. The Council shall meet for the dispatch of business at least once a month.

2. The Chancellor or Vice-Chancellor shall have power to call a special meeting for the consideration and dispatch of business, which either may wish to submit to the Council.

3. The Chancellor or Vice-Chancellor, or in their absence the Registrar, shall convene a meeting of the Council upon the written requisition of four members, and such requisition shall set forth the objects for which the meeting is required to be convened. The meeting shall be held within fourteen days after the receipt of the requisition.

4. The Council shall have power to make, amend, and repeal Standing Orders for the regulation of its proceedings.

Chapter III.—Of the Senate.

*1. The Senate shall meet at the University on the fourth Wednesday in the month of November.

2. The Warden may at any time convene a meeting of the Senate.

3. Upon a requisition signed by twenty members of the Senate, setting forth the objects for which they desire the meeting to be convened, the Warden shall convene a special meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.

4. The Senate shall have power from time to time to make, amend and repeal Standing Orders for the regulation of its proceedings. Until amended or repealed the Standing Orders of the Senate adopted on the 2nd December, 1885, shall remain in force.

• Allowed 2nd December, 1926.

Chapter IV.—Of the Academic Staff.

The existing Statute Chapter IV—Of Professors and Lecturers—is hereby repealed and the following new Statute Chapter IV—Of the Academic Staff—is substituted therefor:—

1. The academic staff shall consist of all Professors, Readers, Senior Lecturers, Lecturers, and such other persons as the Council may appoint thereto.
2. There shall be such Professors as the Council may from time to time provide by schedule to this Statute: provided that the Council shall always include the occupants of endowed chairs in the schedule.
3. There shall be such Readers, Senior Lecturers, and Lecturers, as the Council may appoint.
4. Each member of the academic staff shall hold office on such terms as have been or may be fixed by the Council at the time of making the appointment.
5. The duties of the members of the academic staff shall be to perform such research, teaching, examining, and administrative duties as the Council may assign to them at the times of their several appointments.
6. Each member of the academic staff shall diligently perform his duties according to the common usage of Universities; provided that the Council may grant, and rescind, such exemption from those duties as it may decide.
7. No member of the academic staff shall sit in Parliament, nor shall he undertake any employment, regular or casual, other than as provided in any rules which the Council may make in that behalf: provided that nothing in this clause shall prevent the holding, on terms approved by the Council, by a member of the academic staff, of a research, teaching, or administrative office in any college affiliated by these statutes to the University.
8. Whenever sickness or any other cause shall incapacitate any member of the academic staff from performing the duties of his office, the Council may appoint a substitute or substitutes to act in his stead during such incapacity; and the member during such periods shall receive such salary as the Council shall direct.
9. 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 member of the academic staff 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.
10. Nothing in this statute shall prevent the appointment by the Council of any person to perform part-time research, teaching, examining, or administrative duties; and the provisions of this Statute, except clause 7, shall apply to every person so appointed, as though he were a member of the academic staff.

Awaiting allowance at time of printing.

Chapter V.—Of the Registrar.

*1. There shall be a Registrar of the University, who shall perform such duties as the Council may from time to time appoint.

2. The Council may at any time appoint a deputy to act in the place of the Registrar for such period as they may think fit, and assign to him any of the duties of Registrar.

• Allowed 18th September, 1900.

Chapter VI.—Of Leave of Absence.

The Council may grant to any professor, lecturer, officer or servant of the University leave of absence from the duties of his office for such period, for such purpose, and on such conditions as it shall in each case determine.

Allowed 17th January, 1952.

Chapter VII.—Of the Seal of the University.

1. The Chancellor, the Vice-Chancellor and the Chairman of the Finance Committee shall be the custodians of the University Seal.

2. In the case of certificates for degrees and diplomas the Seal may be affixed in the presence of, and the affixing may be attested by, the Chancellor or the Vice-Chancellor alone.

3. In all other cases the Seal shall be affixed to documents only at a meeting of the Council and by the direction thereof; and the affixing of the Seal shall be attested by the signatures of the Chancellor, the Vice-Chancellor or the Chairman of the Finance Committee and of the officer who affixes the Seal.

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.

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

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.

* 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.

• Allowed 11th December, 1941.

† Allowed 10th December, 1925.

‡ Amended 10th December, 1930.

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.

‡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.

¶ Allowed 3rd January, 1929.

|| Allowed 11th December, 1941.

‡ Amended 16th December, 1948.

* Allowed 5th December, 1940.

§ Allowed 17th January, 1952.

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 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 14th December, 1950. † Allowed 9th December, 1943.

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, the Professor of Politics, 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.

* Amendment awaiting allowance at time of printing.

- (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.

* Allowed 22nd January, 1953.

- (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, the Professor of Politics, the Elder Professor of Mathematics, the Reader in Commercial Studies and the Reader in Geography, who shall be members *ex officio*.
- (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, of Politics, 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.

† Amendment awaiting allowance at time of printing.

* Amendment awaiting allowance at time of printing.

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.

* Allowed 8th December, 1938.

† Allowed 17th January, 1952.

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.

Form of Presentation for Graduates of Other Universities.
Mr. Chancellor, Mr. Vice-Chancellor, and Members of the Council
and Senate of the University of Adelaide.

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

Form of Admission to any Degree.

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

Form of Admission to any Degree during the Absence of a Candidate:

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

Allowed 2nd December, 1926.

Chapter XII.—Of the Board of Discipline.

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

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

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

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

He shall preside at the meetings of the Board.

* Amended 22nd January, 1953.

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

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

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

- (a) to dismiss such complaint;
- (b) to take action in one or more of the following ways—
 - (i) by admonishing the student complained against;
 - (ii) by inflicting a fine on such student not exceeding five pounds;
 - (iii) by administering a reprimand either in private or in the presence of any class attended by such student;
 - (iv) by excluding such student, for such term as the Board may think fit, from any course of instruction in, or from any lectures of, the University, or from any examination;
 - (v) by excluding such student, for such term as the Board may think fit, from any place of study or recreation in the University, or from the premises of the University;
- (c) to expel such student from the University.

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

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

Allowed 2nd December, 1926.

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

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

A. The Angas Engineering Scholarship.

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

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

‡ Allowed 23rd January, 1947.

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

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

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

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

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

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

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

7. The allowance for travelling expenses shall be paid to the scholar upon approval of his proposed date of departure. Payment of the balance of the scholarship shall be made quarterly, at the office of the Agent-General in London, or at such other place or places as the Council shall from time to time direct, subject after the first payment 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.

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

• Allowed 30th November, 1933.

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

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

B. The Angas Engineering Exhibitions.

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

11. One of the Angas Engineering Exhibitions shall be open for competition at an examination in the month of November or December of each year, in subjects prescribed one year previously by the Council; but the exhibition shall not be awarded unless the examiners are satisfied that one of the candidates is worthy to receive it.

Candidates must, on or before the 1st of October, or, if the 1st of October falls on a Sunday, on or before the 2nd of October, give notice of their intention to present themselves for examination, and such notice must be given on a form which may be obtained from the Registrar.

Candidates who fail to give notice by the prescribed date may be permitted to present themselves on payment of a fee of 5/-.

12. Each candidate must be not more than eighteen years of age on the 31st December in the year in which the examination is held.

*13. Each exhibitioner shall, within three months after being awarded his exhibition, enrol himself as a matriculated student in Engineering or Science at the University of Adelaide; shall thenceforward prosecute continuously and with diligence his studies for the Degree of Bachelor of Engineering or Bachelor of Science; shall attend lectures and pass examinations in such subjects in the Engineering and Science courses as may be previously approved by the Council. Each exhibitioner on entering the University and at the beginning of each subsequent year of the tenure of his exhibition shall submit his proposed course of study to the Professor of Engineering for approval, and at the end of each year shall produce a certificate, signed by the Professors and Lecturers whose classes he has attended, to the effect that his work and progress have been satisfactory. The exhibition shall be forfeited if the holder fail to observe the above requirements, 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 the exhibitions shall be made quarterly, beginning with the first day of March following the award, but payment need not be made to any exhibitioner whose conduct as a student through-

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

out the quarter has not been in every respect satisfactory to the Council. The decision of the Council on any such questions shall be final.

15. No exhibitor shall, save by permission of the Council, hold concurrently with his exhibition any other exhibition or any scholarship.

C. General.

16. The sum of £4,000, paid to the University as aforesaid by the said John Howard Angas, shall be invested in such a manner as to entitle the University to the annual grant, equal to five pounds per centum per annum thereon, under the fifteenth section of the Adelaide University Act. The income (including such grant) to be derived from the said sum, or so much of such income as shall be sufficient, shall be applied in paying the said scholarship and exhibitions, and so much of such income as in any year shall not be so applied shall be at the disposal of the Council for the purposes of the University.

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

Allowed 6th December, 1922.

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

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

It is hereby provided that:

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

2. The prize shall be awarded to the candidate for the Honours Degree of Bachelor of Arts who shall have been placed highest in the final examination in the school of English Language and Literature, and shall be judged by the examiners to have reached a sufficient standard.

3. If more than one candidate shall be considered by the examiners to have attained a standard worthy of the prize, the name of the second in order of merit shall be reported to the Council.

4. If the examiners shall consider no candidate worthy of the prize, they shall so report, and no award shall be made for that year; but there shall not, by reason of that lapse, be more than one prizeman in the following year.

*5. The prizeman will be required to proceed to the degree of Master of Arts by submission of a satisfactory thesis on a subject

• Allowed 3rd January, 1935.

connected with the English language or with English literature and approved by the Faculty of Arts. The subject must be submitted for approval by the Faculty not later than the first day of April following the award; and the thesis must be submitted not later than the last day for submitting M.A. theses in the second year following that of the award, or such extended time as the Council in special circumstances may allow. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts, the prizeman shall deposit an approved copy of it in the University library; he shall then receive a further payment of one-half of the income available from the fund, and shall be granted the title of "John Howard Clark Scholar." If the thesis be not accepted as fulfilling the requirements for the degree of Master of Arts, such payment and such title shall be withheld.

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

Allowed 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
- (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.

• Allowed 2nd December, 1926.

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).

CAPS.

For undergraduates, Bachelors, Masters, Doctors of Philosophy and other Doctors wearing Undress Gowns, a black cloth trencher cap with black silk tassel. The cap to be worn with a Doctor's scarlet gown shall be the Doctor's bonnet of black velvet as worn at Cambridge.

The colour of scarlet for gowns and hoods shall be that defined as "Scarlet" in Plate I of Ridgway's *Colour Standards and Nomenclature*.

4. The academic dress for the Chancellor and the Vice-Chancellor shall be as approved by the Council from time to time.

5. The academic dress for members of the Council, Boards and Faculties who are not graduates shall be a plain black silk gown and black cloth trencher cap with black silk tassel.

6. Any member of the Senate who has been admitted *ad eundem gradum* may at his option wear the academic dress appropriate to the degree by virtue of which he has been so admitted.

7. A graduate who was admitted to his degree before the allowance of this Statute may continue to wear the academic dress prescribed under the Statute previously in force.

Allowed 8th December, 1949.

Chapter XIX.—Saving Clause and Repeal.

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

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

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

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

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

Provided that —

1. This repeal shall not affect —
 - (a) Anything done or suffered before the allowance and 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.

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.

‡ Awaiting allowance at time of printing.

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.

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.

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. Should no candidate at any examination show sufficient merit, the prize shall lapse for one year, after which it shall be offered afresh.

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.

8. In the event of the prize lapsing for any year, as provided for in Rule 4, the income for that year shall be added to the capital account, and in the event of the holder resigning or forfeiting it before the commencement of the last term in any academical year, the unexpended income for the rest of that year shall be added to the capital

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

** Allowed 10th December, 1925. † Allowed 16th December, 1948.

account. For each £50 added to the capital, the value of the prize shall be increased by £2 10s. per annum.

9. Upon expiration of tenure, either by effluxion of time, resignation, or forfeiture, the prize shall be offered for competition at the end of the academic year.

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

Allowed 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.

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.

5. Should no candidate at any examination show sufficient merit, the scholarship shall lapse for the period of one year, after which it shall be offered afresh.

* Allowed 10th December, 1919. ** Allowed 30th November, 1933.
‡ Allowed 16th December, 1948.

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

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

7. Payment of the annual value of a scholarship shall be made in four equal instalments, one at the beginning of each term.

8. One scholarship shall be offered for competition early in 1918, and the other towards the end of that year, and subsequently each shall be offered towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture.

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

† Allowed 10th December, 1925.

‡ Allowed 16th December, 1948.

Allowed 11th April, 1918.

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.

* Allowed 6th December, 1922.

† Allowed 10th December, 1925.

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.

†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 30th November, 1933.

* 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.

* Allowed 22nd January, 1953.

*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 3rd January, 1929.

Chapter LIII.—Of The Rennie Scholarship for Research in Chemistry.

Whereas the sum of £320 has been handed to the University by subscribers for the purpose of founding a research scholarship to perpetuate the memory of the late Edward Henry Rennie, Professor of Chemistry in the University during the period 1884-1927, it is hereby provided that:

1. The said sum of £320, and any additions thereto that may hereafter be made, shall be invested and shall be called The Rennie

Research Fund. With the income thereof a scholarship shall be established and called The Rennie Scholarship for Research in Chemistry.

2. The scholarship shall be awarded by the Council, on the recommendation of the Faculty of Science, for the purpose of assisting the scholar to undertake research work in Chemistry; but no award shall be made unless, in the opinion of the Council, there is a candidate of sufficient merit.

3. Candidates must be graduates or past or present students of the University. There shall be no age limit.

4. The scholarship shall be of the value of £50, and shall be offered first in November, 1933, and thereafter triennially, or as often as the income from the fund shall amount to £50.

5. If no suitable candidate presents himself for the scholarship in any year in which it is declared vacant, it shall not be offered again for twelve months; and the income during such period shall be added to the capital of the fund and invested for the purpose of the scholarship.

6. Applications for the scholarship must be lodged with the Registrar not later than the first day of November of the year in which an award is to be made. Each candidate must specify, for the approval of the Faculty, the particular research work he proposes to undertake.

7. Payment shall be made to the scholar in two equal instalments, one as soon as conveniently may be after his election, and the other on the receipt of a satisfactory report of progress from the Dean of the Faculty or some other person nominated by the Council, but not earlier than six calendar months after his election.

8. The scholarship may be held in conjunction with any scholarship or prize at the University; and the work during the tenure of the scholarship shall be carried out in the laboratories of the University.

9. These Statutes may be varied from time to time, but the title and purpose of the endowment shall not be changed.

Allowed 10th December 1930.

Chapter LV.—Of The Fred Johns Scholarship for Biography.

Whereas the late Fred Johns bequeathed to the University the sum of £1,500 for the purpose of founding a scholarship to be called The Fred Johns Scholarship for Biography, it is hereby provided as follows:

1. There shall be a scholarship of the value of £100 to be called The Fred Johns Scholarship for Biography.

2. The Council shall establish a fund and contribute the sum of £60 a year to it for the purpose of the scholarship.

3. Beginning with the year 1939 the Council may, as often as the funds permit, appoint a graduate or an undergraduate of the University of Adelaide to write a biography of a deceased eminent Australian (not necessarily Australian born) named by the Council, but any subject for which the scholarship has been awarded shall not be named again prior to the year 1983.

4. The writer appointed shall lodge the completed biography with the Registrar within two years of his appointment or within such further period as the Council upon application may deem expedient.

*5. The Council may award the writer progress payments not exceeding a total sum of £50, and, if the work is adjudged to be of sufficient merit, shall award him the title of Fred Johns Scholar, and shall complete the payment of the amount of the scholarship.

*6. Within six months of the award of the title of Fred Johns Scholar, the Council shall decide whether the biography shall be published by 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.

4. If the examiners shall not consider any candidate worthy of the award, the prize shall lapse for that year.

5. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine.

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

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

* Allowed 17th January, 1952.

Allowed 10th December, 1936.

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

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

It is hereby provided that the South Australian School of Mines and Industries shall be affiliated to the University of Adelaide to the extent following, that is to say, that the Council of the University may

exempt students who have attended courses of instruction and passed examinations of the South Australian School of Mines and Industries from attendance at lectures, and from examinations, in corresponding subjects of the course for the degree of Bachelor of Engineering.

Allowed 10th November, 1937.

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

Whereas the sum of £2,000 has been paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship: It is hereby provided as follows:—

1. There shall be a scholarship to be called The T. G. Wilson Travelling Scholarship in Obstetrics.

2. The scholarship shall be tenable for one year, shall be of the value of £200, and shall be awarded from time to time as often as the income of the said capital sum permits. The first scholarship will be offered at the end of 1939.

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

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

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

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

7. Within such time after being awarded the scholarship as the Council shall in each case allow, the scholar shall proceed to Great Britain or Ireland and there spend the whole of the time during which the scholarship is tenable in gaining obstetrical knowledge and experience in such manner as may be approved by the Council; provided that by special permission of the Council the scholar may spend

• Allowed 7th December, 1939.

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 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.

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 22nd January, 1953.

Allowed 15th December, 1937.

Chapter LX.—Of The Sir Robert Chapman Prize.

Whereas the University has received the sum of £300 subscribed by former students of Sir Robert William Chapman, first Professor of Engineering and for fifty years a teacher in the University, for the purpose of founding a prize in his honour and memory: It is hereby provided as follows:

1. There shall be an annual prize to be called The Chapman Prize.

2. The prize shall consist of a printed reproduction of the portrait of Sir Robert William Chapman, and the sum of ten guineas.

3. A prize shall be awarded each year to that fully matriculated student in the Faculty of Engineering who in the opinion of the Faculty shall have most distinguished himself during that year in the subject "Strength of Materials"; provided that no award shall be made unless the Faculty be satisfied that the student is worthy thereof.

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

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

Allowed 15th December, 1937.

Chapter LXI.—Of St. Ann's College, Incorporated.

Whereas a college for women students in the University, to be known as St. Ann's College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University of Adelaide, it is hereby provided that:

St. Ann's College Incorporated is hereby affiliated to the University of Adelaide as a College for women students who have been admitted to matriculation or *ad eundem statum* or who are engaged in any course of study at the University; provided that in special cases the College may admit for such limited period as it may deem desirable other unmatriculated students who are preparing to qualify for entry on any University course.

Allowed 16th December, 1948.

Note.—The College was first affiliated in 1939 and with the approval of the Council was officially opened for the residence of students and graduates on 4th May, 1947.

Chapter LXII.—Of The Anna Florence Booth Prize.

Whereas Sydney Russell Booth has paid to the University the sum of five hundred pounds for the purpose of founding with the income thereof a prize in memory of his wife, to be called The Anna Florence Booth Prize, it is hereby provided as follows:

1. There shall be a prize entitled The Anna Florence Booth Prize which shall be offered annually.

2. The Council shall award the prize on the recommendation of the Hughes Professor of Philosophy.

3. To be eligible for the prize a candidate shall have qualified for the degree of Bachelor of Arts and shall have included Psychology III in his course for the degree. The prize will be awarded to the candidate whose work in Psychology and in Social Studies shows most promise.

4. The student who is awarded the prize shall present a satisfactory essay on a subject prescribed by the Hughes Professor of Philosophy in the field of social psychology. The essay must be handed to the Registrar before the 1st October in the year following the award of the prize or at such later date as may be approved by the Council.

5. The prize shall be of the value of £16 payable in two equal instalments. The first instalment shall be paid when the award is made, and the second when the required essay has been approved by the Hughes Professor of Philosophy.

6. If in any year the prize be not awarded, the amount of the prize for that year shall be added to the capital of the fund and invested for the purpose of the prize.

• Amendment awaiting allowance at time of printing.

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 5th December, 1940.

Chapter LXIII.—Of The William Gardner Scholarship.

Whereas the late Louisa Gardner has bequeathed to the University the sum of £1,500 for the purpose of founding a scholarship to be called The William Gardner Scholarship in memory of her husband William Gardner, M.D., it is hereby provided as follows:

1. There shall be a scholarship to be called The William Gardner Scholarship, which shall be competed for annually.

2. The scholarship shall be of the value of forty-five pounds, and shall be paid to the scholar in one sum at the Commemoration at which the scholar is entitled to take his degree.

*3. The scholarship shall be awarded to the 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 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.

*4. Repealed.

5. If in any year the scholarship be not awarded, the amount of the scholarship for that year shall be added to the capital of the fund and invested for the purpose of the scholarship.

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

* Allowed 16th June, 1949.

Allowed 5th December, 1940.

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.

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 value of each 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.

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 an examination for either of these scholarships shows sufficient merit, that scholarship shall lapse for the period of one year, after which it shall be offered again.

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.

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 value of the scholarship shall be such as to provide one hour's free tuition a week in the playing of the Viola, and free tuition in such secondary subjects as may be 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.

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.

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.

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

Allowed 16th December, 1948.

Chapter LXXII.—Of The Sir Archibald Strong Memorial Prize for Literature.

Whereas the University has received from the Misses Ruth and Alfreda Bedford on behalf of their sister, the late Sylvia Bedford, the sum of £500 for the purpose of founding with the income thereof an annual prize for literary work in memory of the late Sir Archibald Strong, formerly the Jury Professor of English Language and Literature in this University, it is hereby provided as follows:

1. A prize of the value of £15 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 value of the scholarship shall be such as to provide free tuition in violin playing as a principal subject, and in such secondary subjects as may be approved by the Director of the 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 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 value of the scholarship shall be fixed from time to time by the Council 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 Conservatorium.

3. Subject to the provisions of clause 8, the scholarship shall be tenable for three years.

4. A candidate for the scholarship shall:—

- (a) be a British subject;
- (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;
- (c) be not more than 21 years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize in organ playing tenable for three years at the Elder Conservatorium shall be eligible to compete.

5. Every candidate shall pay an examination fee of 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.

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.

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.

* Passed by Senate, 28th March, 1894.

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.

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.

* Passed by Senate, 28th March, 1894.

† Passed by Senate, 26th July, 1922.

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 1954

PART II.

	Page
The Elder Conservatorium of Music - - - - -	221
The Waite Agricultural Research Institute - - - - -	234
The Institute of Medical and Veterinary Science - - - - -	236
The Anti-Cancer Committee - - - - -	238
Resolutions Concerning the Commemoration of University Alumni - - - - -	239
Residential Colleges - - - - -	240
Affiliation to the Universities of Cambridge and Oxford - - - - -	243
Recognition of the University by Other Institutions - - - - -	245
The Joseph Fisher Lecture in Commerce - - - - -	246
The Commonwealth Institute of Accountants Annual Lecture in Accountancy - - - - -	247
University Tutorial Classes - - - - -	248
Evening Lectures - - - - -	249
Scholarships, Grants, Exhibitions and Prizes - - - - -	250
Societies Associated with the University - - - - -	294
Public Examinations in Music - - - - -	305

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 not more than three secondary subjects or classes 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 sixteen guineas a year.

(b) The fees shall be paid either in one sum at the beginning of the Conservatorium year or in equal instalments at the beginning of each quarter.

(c) A student who desires to take, with the approval of the Director, more than three of the above secondary subjects or classes, shall pay for each such additional subject or class half the fee prescribed.

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

*9A. Each student of a principal subject shall (a) pay an annual general service fee to be prescribed annually by the Council; and (b) attend regularly such series of lecture recitals and concerts in the Conservatorium as may be prescribed by the Director; provided that (a) a student concurrently enrolled for the degree of Bachelor of Music or the Diploma of Associate in Music shall be exempted from payment of the annual general service fee; and (b) in exceptional cases and for extraordinary reasons a student may, upon written application to the Director, be exempted from attendance at such lecture recitals and concerts.

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

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

(b) Except with the express permission of the Director, the holder of any scholarship tenable within the Conservatorium shall not be a member of any other musical association, nor shall he accept any musical engagement outside the Conservatorium.

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

* Allowed 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 1950—

Calder, Beverley Helen (Violoncello).

Awarded for 1951—

Schramm, Kathryn (Pianoforte)

Cook, Anita Katherine (Violin)

Merchant, David John (Organ)

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).

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 182.

Awards.

For previous awards, see Calendars from 1934.

Awarded for 1945—

Miller, Heather Joyce (Pianoforte).

Awarded for 1948—

Leonard, Ian Ferguson (Pianoforte).

Awarded for 1949—

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

Awarded for 1951—

Partridge, Geoffrey Thomas (Pianoforte)

THE EUGENE ALDERMAN SCHOLARSHIPS

These scholarships were founded in memory of Eugene Alderman. For conditions, see Chapter XLI of the Statutes, page 187.

Awards.

For previous awards, see Calendars from 1924.

For 1948—

Klose, Patricia Mary (Violin).

For 1949—

Gaskin, Joan Iris (Violin).

Awarded for 1951—

Lander, Anne Marie (Singing)

Awarded for 1952—

Porter, Brian (Violin).

Awarded for 1954—

Leonard, Mary Jocelyn (Pianoforte).

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 202.

Awards.

For 1948—

Smith, Barbara Jean (Orchestral Instrument).

For 1949—

Miller, Kevin Aquilla (Singing).

Awarded for 1951—

Bollenhagen, Nellie (Violin)

Awarded for 1952—

Giles, Ian Frank (Singing).

Awarded for 1954—

Cornish, William Rodolph (Oboe).

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 202.

Awards.

1948—Harrison, William.

1951—Petersen, Valda

1949—Bates, Marie Patricia.

1952—Fidock, Marie.

1950—Moyse, Eve Ryder

1953—Lander, Anne Marie.

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 203.

Awards.

For 1949 (Exhibitions in lieu of Scholarship)—

Kernick, Colin

Magraith, Glenford Ward

For 1950—

Ridgway, Athol John

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 204.

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.

Award

1953—Warnecke, Mary.

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.

1937—Marshall, Jean.	1941—Stacy, Edith.
1938—Woodroffe, Winifred E.	1952—Bice, Brenda.
1939—Bouquey, Iris Roma	1954—Bice, Brenda M.
1940—Hocking, Jack.	

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 207.

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 208.

Award

For 1951—

Thiele, James

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 1952—

Lower, Norene Merrylin (Singing).

For 1953—

Tobin, Ashleigh.

For 1954—

Peters, Margaret Noel (Pianoforte).

THE DR. RUBY DAVY PRIZE FOR COMPOSITION

RULES

Whereas the late Dr. Ruby Davy has bequeathed to the University the sum of £300 to found a prize for the composition of music it is hereby provided as follows:

1. There shall be a prize, of the value of not less than £10, to be called The Dr. Ruby Davy Prize.

2. The Prize shall be awarded annually to the student of the School of Music or of the Elder Conservatorium of Music who submits the most meritorious composition in accordance with the conditions prescribed for the competition in that year.

3. The Faculty of Music shall from year to year—

(a) prescribe the nature of the competition for the ensuing year;

- (b) prescribe the conditions that shall apply to the competition for that year; and
 - (c) appoint a Board of Examiners, the Chairman of which shall be the Elder Professor of Music.
4. If in the opinion of the examiners at any competition no candidate submits a composition worthy of the award the Prize shall lapse for that year; and the value of the Prize for that year shall be added to the capital of the endowment.
5. The Prize shall not be awarded twice to the same person.
6. These rules may be varied from time to time but the title and general purpose of the endowment shall not be changed.

THE GULI MAGAREY FUND AND SCHOLARSHIP RULES

Whereas the late Gulielma Magarey has bequeathed to the University two sums each of £500, one for the purpose of establishing a fund to supplement the value of the Elder Scholarship tenable at the Royal College of Music, London, and the other for the purpose of founding a Scholarship tenable in the Elder Conservatorium of Music:

The following rules are hereby made:

THE GULI MAGAREY FUND

1. The sum of £500 shall be set aside, known as the Guli Magarey Fund, and invested; and the sum of £16 a year shall be paid to the current holder for the time being of the South Australian Scholarship tenable at the Royal College of Music, London, founded by the late Sir Thomas Elder.

2. If the said Scholarship shall be vacant for any period income from the Fund at the rate of £16 a year shall accumulate during that period and subsequently be paid to the next holder of the Scholarship.

3. Subject to the provision of Clause 2, payment to the Scholar shall be made annually in or about January of each year, each payment comprising the total amount available for that purpose under Clauses 1 and 2 since the last payment had been made.

THE GULI MAGAREY SCHOLARSHIP

4. The Guli Magarey Scholarship shall be of the annual value of £16, shall be available for award annually and shall be tenable for one year. It shall be awarded for singing to a female student of the Elder Conservatorium of Music.

5. A candidate for the Scholarship shall have been resident in South Australia and shall have been a student at the Elder Conservatorium of Music for at least six months prior to, and shall be not less than seventeen or more than twenty-four years of age on, the first day of December of the year in which the examination is held.

6. Every candidate for the Scholarship shall pay an examination fee of 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.

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 211.

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).

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).

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 Ransom Mortlock. The John Melrose Laboratory was opened in 1929, the John Darling Laboratory in 1930, and the Ransom 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 and since 1952 C.S.I.R.O. has guaranteed a Chair in Plant Genetics at the Institute.

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.
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, B.Sc.
D. G. Lewis, B.Sc.

AGRONOMY AND GRASSLAND ECOLOGY:

J. N. Black, D.Phil. (Senior Agronomist).
D. E. Symon, B.Ag.Sc.
R. J. Millington, M.Sc.
F. M. Hilton, B.Ag.Sc.

GENETICS AND PLANT BREEDING:

D. G. Catchside, M.A., D.Sc., F.R.S. (Professor of Genetics).
G. M. E. Mayo, B.Ag.Sc.
K. Abele, Ph.D.
M. Jean Mathieson, M.Sc., Ph.D.

ENTOMOLOGY:

D. C. Swan, M.Sc. (Senior Entomologist in Charge).
H. G. Andrewartha, D.Sc. (Senior Entomologist).
T. O. Browning, Ph.D.
H. F. Lower.
P. E. Madge, B.Sc.Agr.

PLANT PATHOLOGY:

C. G. Hansford, M.A., Sc.D. (Reader in Plant Pathology).
N. T. Flentje, Ph.D., M.Sc.
J. H. Warcup, Ph.D.
A. Kerr, B.Sc.
N. C. Crowley, B.Ag.Sc.

PLANT PHYSIOLOGY:

F. L. Milthorpe, Ph.D., M.Sc.Agr. (Senior Plant Physiologist).
L. H. May, B.Sc.

STATISTICIAN:

Irena Mathison, M.Phil. (Cracow).

SECRETARY:

G. L. Gooden, A.F.I.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 (about £90,000 for 1953-54). 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 and the Queen Victoria Maternity Hospital.

COUNCIL

Sir Keith Angas, Chairman.

J. W. Rollison, M.B., B.S., Deputy Chairman.

E. R. Dawes, Esq.

Sir Edmund Britten Jones, M.A., M.B., B.S., F.R.C.P., F.R.A.C.P.

G. H. Burnell, M.D., F.R.C.S.

M. Irving, B.V.Sc.

STAFF

Director—

J. Orde Poynton, M.A., M.D., B.Ch., M.R.C.S., L.R.C.P.

Deputy Director—

James A. Bonnin, M.B., B.S.

Medical Research—

Medical Research Fellow: J. A. R. Miles, M.A., M.D., B.Ch.

Clinical Research Officer: J. F. Jackson, M.B., B.S., B.Sc.

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).

Bacteriology—

Medical Bacteriologist: J. E. McCartney, M.D., D.Sc.

Assistant Bacteriologist: R. A. W. Sheppard, B.Sc.

Graduate Assistant: Rosemary A. Baker, B.Sc.

Biochemistry—

Biochemist: W. Roman, Ph.D., Dip.Chem.

Assistant Biochemist: Ann F. Carmichael, B.Sc.

Research Assistant: M. L. Wellby, B.Sc. (National Health and Medical Research Council).

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): R. G. White, M.B., B.S. (Royal Adelaide Hospital).

Graduate Assistant: Barbara C. Hoar, B.Sc.

Histopathology—

Histopathologists: J. Orde Poynton, M.D., B.Ch.; Ruth Osmond, M.B., B.S.; M. C. Fowler, M.D., B.S. (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.

Research Assistant: K. H. Clapp, B.Sc.

Northfield Laboratory—

Graduate Assistant: Fay M. Gaffney, B.Sc.

Honorary Consultants—

Professor M. L. Mitchell, M.Sc.

E. McLaughlin, M.B., B.S., M.R.C.P.

Charles S. Swan, M.D., D.Sc., D.O.M.S.

Honorary Research Assistants—

J. M. Dwyer, M.B., B.S.

F. W. Marriner, B.Sc. (Metropolitan Milk Board).

R. A. Burston, M.B., B.S., M.R.C.P., M.R.A.C.P.

T. Paton, M.Sc.

SECRETARY:

D. A. Downs, A.U.A.

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 treatment at the Hospital Clinic, and in 1953 it increased the annual grant to £5,000.

Members of the staff of the Clinic 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, four full-time medical officers, an almoner, and clerical assistants 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.

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.

OFFICERS OF THE COMMITTEE

Senior Physicist for Hospital Services: Boyce Wilson Worthley, B.A., M.Sc.

Assistant Physicists: Mervyn John Tooze, B.Sc., Robert Mason Fry, B.Sc., and Joan Brown, B.Sc.

Medical Officer: Francis Andrew Dibden, M.B., B.S.

Assistant Medical Officers:

Dorothea Smith Heitmann, M.B., B.S.

Pamela Rosemary Phillips, M.B., B.S.

Rosemary Barbara Brindal, M.B., B.S.

Almoner: Dorothy P. Pearce.

RESOLUTIONS CONCERNING THE COMMEMORATION OF UNIVERSITY ALUMNI

Whereas it is desirable that the University shall commemorate any of its alumni who shall have achieved marked distinction, it is hereby resolved that:—

1. The Council may determine by an absolute majority, and upon such evidence as it shall deem sufficient, and subject to the concurrence of the Senate, to commemorate after death any alumnus of this

University who shall have been a great benefactor thereof, or shall have achieved distinction in any career or subject, and in particular:—

By signal acts of courage in the performance of duty or in the cause of humanity.

By eminent services to South Australia or the Empire.

By signal acts of Philanthropy.

By attaining eminence in Science, Literature, Art, or any Profession.

2. The Council shall transmit to the Senate for its concurrence a copy of each determination, together with a statement of the evidence and reasons in its favour, and the nature and situation of the intended memorial.

3. The modes of commemoration shall be inexpensive, and may be by mural tablets or other memorials erected within the precincts of the University, and bearing commemorative inscriptions. Each inscription shall contain a brief statement of the grounds upon which the commemoration has been awarded, and the statement shall be recorded also in the minutes of the Council.

4. The Council shall compile and keep a record of the Academic and extra-University career of each alumnus.

5. Private persons also may, in modes and upon grounds approved by the Council (by an absolute majority) and by the Senate, commemorate deceased alumni by memorials erected within the precincts of the University. The design of each memorial, the inscription to be placed upon it, and its situation, must be approved by the Council.

Persons desirous of approval shall supply such evidence and information as the Council shall require, and comply with such terms and conditions as the Council shall impose.

6. The foregoing and any future resolutions may be altered or added to by an absolute majority of the Council, with the concurrence of the Senate.

Concurred in by Senate, 22nd August, 1900.

Alumni Commemorated:

Hopkins, William Fleming, B.A. (Ad.), M.B. (Melb.), Surgeon-Captain in the Australian Regiment, 1901.

Campbell, Allan James, M.B., B.S. (Ad.), Surgeon-Captain in Steiniker's Horse, 1903.

RESIDENTIAL COLLEGES

By the Acts of Parliament under which the Adelaide University was founded provision was made for affiliation to the University of residential colleges in which students could enjoy the advantages of residence, discipline, and tuition supplementary to that given by the staff of the University.

ST. MARK'S COLLEGE

St. Mark's College, the first residential college in the University of Adelaide, was founded by a committee formed at a public meeting held under the chairmanship of the Bishop of Adelaide on 29th May, 1922. The Committee obtained some £12,000 by public subscription,

bought the residence of the late Sir John Downer on Pennington Terrace, North Adelaide, and secured two acres of land adjoining, thus providing room for the foundation of a College of 150 men. The College was affiliated in 1924, and opened for students in March, 1925. It was immediately found necessary to provide additional accommodation, and in 1925-6 and in 1926-7 a three-storey building of thirty rooms was erected as the first portion of a main quadrangle on the vacant land. Since then the College has acquired additional properties and buildings and now provides residence for over 100 tutors and undergraduates.

The College is governed by a Council of twenty-four members representing the Church of England, the Council of the University, the Governors of St. Peter's College, the College Council, and the Old Collegians. The Chairman is Sir 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, Cavendish 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, Arithmetic and Algebra, Geometry, Trigonometry (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 175):—

- 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.

* 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 COMMONWEALTH INSTITUTE OF ACCOUNTANTS ANNUAL 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.

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. The Government has made an annual grant to the University for the establishment of night lectures in Arts and Science subjects for the benefit of teachers and others. Arrangements have been made to give courses of lectures in the following subjects during 1954, provided that sufficient students enrol for each class:—Accountancy II and IIIB, Biology, Chemistry I, Comparative Philology, Economic Geography, Economics I and III, Education, English IA, I and III, French I, Geography III, Geology I, German II and III, History IB, IC, IIB and III, Latin I, Law I, II, and III, Philosophy I, Philosophy (Special), Physics I, Psychology I, and Pure Mathematics.

2. The Education Department has established Studentships for the encouragement of such students (for details see Evening Studentships, page 285).

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	1947-1953	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.

1950	Ryan, Helen Mary W.	1952	Bradley, Michael Charles
1951	Waterhouse, George S.	1953	Hambly, Peter S.

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.

1950	Proudman, Dorothy Mena	1952	Galvin, Selma Ruth
1951	Taylor, Jennifer Ann	1953	Brice, Annette

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 162.

Awards.

For previous awards, see Calendars from 1904.

Prizemen:

1950	Gilbertson, Nannette	1952	Tregenza, John Miller
1951	Whyte, Jean Primrose	1953	No award

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.

1950	No award	1952	Hummel, Valerie Dawn
1951	Gosse, Fayette Constance	1953	Walton, Shirley-Anne C.

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	1953	Clayton, Sally J. } equal
1952	Dodwell, David		Gosse, Fayette C. }

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 181.

For 1954 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.

1950	Laycock, Margaret	1952	Mitchell, Zonne Marion
1951	Gregory, Janet Phillis	1953	Goldsworthy, Janice Julia

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.

1950	Johnson, Margaret Isobel	1952	Laycock, Margaret
1951	Watson, Edna Madge	1953	Bradley, Michael Charles

The Fred Johns Scholarship for Biography.

For conditions of award, see Statutes, Chapter LV, page 194.

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 176.

Awards.

For previous awards, see Calendars from 1913.

1948	Duncan, Ross	1952	Reid, Robert Leighton
1949	Tregonning, Kennedy G. P.	<i>Prox. acc.:</i>	
1950	Forbes, Alexander J. deB.	Wadham, Elizabeth J.	

The Natalia Davies Prize.

RULES.

Whereas Miss Amylis I. Laffer has given to the University the sum of £400 for the purpose of perpetuating the memory of the late Miss Natalia Davies, the following rules are hereby made:

1. There shall be a Prize of the annual value of £10 and known as the Natalia Davies Prize.
2. The Prize shall be available for award annually to the candidate in a first-year course in the School of History deemed by the examiners to be the most meritorious 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

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.

1949 Forbes, Alexander J. deB. 1950 Penny, David Harry
 Special Prizes: 1952 Scott, Jeffrey Frank
 Lewis, Robert Brook 1953 Head, John Graeme
 Rendell, Margaret Patricia

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 168.

Awards.

For previous awards, see Calendars from 1904.

1948 Weston, Frank Keith 1950 Vickery, Margaret
1949 Duguid, Andrew Melville 1951 Best, Effie Deland
 Prox. acc.: 1953 Veitch, Lindsay G. }
 Counsell, Ruth Kingsley 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 198.

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 184.

Awards.

1921 Opie, Thomas Schulz 1946 Cheek, Bruce M., B.A.
1936 Brown, Henry, M.A., B.Ec. 1948 Opie, Roger Gilbert
1939 Judd, Percival Richard H., B.A., B.Ec. 1952 Penny, David H., B.Ec.
1942 Ramsay, Alexander M., 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.

Award.

1953 Ellis, Brian David, B.A.,
B.Sc.

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 188.

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 180.

Awards.

For previous awards, see Calendars from 1914.

Scholarships.

1949	Martin, Peter Gordon	1952	Kohlhagen, Myra Audrey
1950	No award	1953	Barlow, Douglas John
1951	Parsons, Peter Angas		

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.

1947	Holloway, Bruce William	1951	Martin, Peter Gordon
1948	May, Lancelot Harris	1952	Giles, Enid Valerie
1949	Rayson, Patricia		McKenzie, Jean } equal
1950	No award	1953	Brown, Judith Eileen

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 193.

Awards.

1933	Parker, Cecil David, B.Sc.	1949	Seidler, Jan Hynek
1938	Gillespie, Donald Tom C., B.Sc.	1952	Thompson, Malcolm James

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.

1949	Howard, Peter Felix	1952	White, Allan James Risely
1951	Reynolds, Maxwell A.	1953	Woodard, Geoffrey D.

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.

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 179.

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 200.

Awards.

1945	Bowes, Donald R., B.Sc.	1952	Forbes, Bryan George
1946	Riedel, William Rex		Chinner, Graham Alan
1949	Spry, Alan Herbert, B.Sc.	1954	Daily, Brian
1951	White, Allan James R.		Wade, Mary Julia

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 159.

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 161.

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.

1949	Matthew, Ian G.	1951	Reisonas, Irvis
1950	Wall, Brian Henry	1952	Hearn, Anthony Clem

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 197.

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

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 fourth 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. Each student desiring to become a candidate for the prize shall not later than October 1 in the year in which he sits for the annual examination in Electrical Engineering II give notice of his intention to compete, and shall forward to the Registrar not later than March 15 in the following year an original thesis dealing with some branch of Electrical Engineering or with research into physical matters cognate thereto. In deciding the award, the results of the preceding annual examination in Electrical Engineering II may be taken into account. A candidate who failed to pass such examination shall not be eligible for the award.

4. The thesis submitted may be specially written for the competition, or may be a paper previously read before the Adelaide University Engineering Society, the Institution of Engineers, Australia, or any similar body.

Awards.

For previous awards, see Calendars from 1952.

1950	Rose, Gordon Albert	1952	Birrell, Archibald Novar
1951	Wright, Russell Francis	1953	Slaughter, Colin Sidney

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 fourth 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 II, provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards

1949	Purdam, Irving	1952	McCormick, Charles W. D.	}equal
1950	Benjaminson, Albert		Packer, John Stuart	
1951	Whittle, Harry Reed	1953	Slaughter, Colin Sidney	

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.

1950	Hopkins, John McEwan	1952	Draper, Neil
1951	Melbourne, John Clifford	1953	Polkinghorne, Graham Keith

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 for three years 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 fourth 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 II; provided that no award shall be made if no candidate is deemed to be of sufficient merit.

Awards

1950	Rose, Gordon Albert	1952	Possingham, Maxwell L.
1951	Huckson, Ernest John	1953	Slaughter, Colin Sidney

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.

Award.

1953 Todd, Arnold Charles

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 163.

Awards.

For previous awards, see Calendars from 1904.

1948	{	Fisher, Francis Robert	1950	White, James Michael
		Forster, William E. S.	1951	Wilson, Ian Bonython C.
1949	{	Brebner, Donald Malcolm	1952	Wilson, Ian Bonython C.
		White, James Michael	1953	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 197.

Awards.

For previous awards, see Calendars from 1945.

1949	Olsson, Leslie Trevor	1951	Wilson, Ian Bonython C.
1950	White, James Michael	1952	Wilson, Ian Bonython C.
		1953	Wilson, Ian Bonython C.

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 192.

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.

1949 Brebner, Donald Malcolm 1952 Wilson, Ian Bonython C.
1951 Woodard, Charles G. 1953 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.

Award.

1952 Burchett, Kemerl Anne

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.

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.

Award.

1954 Pitchon, Leon

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 | 1952 | Foong, Siew Muay |
| | <i>Prox. acc.:</i> | | <i>Prox. acc.:</i> |
| | Porter, Robert | | Skinner, Sandford Lloyd |
| 1951 | Gluyas, Maxwell Allan | 1953 | Hall, Donald Richard |
| | <i>Prox. acc.:</i> | | |
| | Brown, Jennifer May | | |

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> | | |
| | 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 168.

Awards.

For previous awards, see Calendars from 1911.

- | | | |
|------|---|---|
| 1950 | { | Broadbent, Ian Nicholas (Third Examination) |
| | | <i>Prox. acc.:</i> |
| | | Bennett, Richard Clayton |
| 1951 | { | Webster, Stanley George (Fourth Examination) |
| | | Pak Poy, Reginald Kenneth Felix (Third Examination) |
| | | Last, Peter Murray (Fourth Examination) |

- 1952 { Nield, Alexander Cowell (Third Examination)
Lawrence, James Roland (Fourth Examination)
 Prox. acc.:
 Bampton, John Charles
- 1953 { Weston, Frank Keith (Third Examination)
 Posen, Solomon (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 fourth 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.

- | | | | |
|------|------------------------|------|--------------------------|
| 1950 | McKinnon, Ross Charles | 1952 | Bennett, Richard Clayton |
| 1951 | Last, Peter Murray | 1953 | Posen, Solomon |

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 Fourth 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.

Award.

- | | | | |
|------|----------------------------|------|----------------|
| 1952 | Butler, Randal St. John M. | 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 195.

Awards.

For previous awards, see Calendars from 1942.

1949	{ Wilson, John Grenell	1951	Hodge, Philip Richard
	{ Simpson, Donald Allen		<i>Prox acc.:</i>
1950	Smith, Ian Darian		Sheedy, Redmond Stuart P.
	<i>Prox. acc.:</i>	1952	McKenna, Keith Patrick
	Levitt, Solomon	1953	Broadbent, Ian Nicholas

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 186.

Awards.

For previous awards, see Calendars from 1923.

1950	Handby, Harold Arthur	1952	Castle, Robert Norman
1951	Davenport, John	1953	Broadbent, Ian Nicholas

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 164.

Awards.

For previous awards, see Calendars from 1904.

1950	Black, Nancy Helen B.	1952	Last, Peter Murray
1951	Jones, Robert Britten-	1953	Bennett, Richard Clayton

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 184.

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		

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 five 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.

1950	Hodge, Philip Richard	1952	Savage, Joseph Patrick
	<i>Prox. acc.:</i>	1953	Wyllie, Robert Gurner
	Dineen, Desmond Patrick		<i>Prox. acc.:</i>
1951	Handley, Donald Alfred		Posen, Solomon
	<i>Prox. acc.:</i>		McAuliffe, David Jeremiah
	Sando, Maurice James W.		

Frank S. Hone Memorial Prize.

The South Australian Branch of the British Medical Association has agreed to provide an annual prize of fifteen guineas, to be known as the Frank S. Hone Memorial Prize and to be awarded to the student gaining the highest place in Group 1, The Principles and Practice of Medicine and Therapeutics, in the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery. The prize will be awarded on the results of the annual examination in November.

Payment of the prize will be made direct by the Association to the successful candidate.

D. 1012/51.

Awards.

1952	Last, Peter Murray	1953	Bennett, Richard Clayton
			<i>Prox. acc.:</i>
			Westerman, Roderick Alan

The William Gardner Scholarship.

This 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 199.

Awards.

For previous awards, see Calendars from 1944.

1950	Vivian, Arthur Bryan	1952	McKenna, Keith Patrick
1951	Jones, Robert Britten-	1953	Bennett, Richard Clayton

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 199.

Awards.

For previous awards, see Calendars from 1946.

1950	Tennant, Maxine Rita	1952	Kalinovsky, Galina
1951	Davenport, John	1953	Lawrence, James Roland

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 200.

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.

1950	Black, Nancy Helen B.	1952	Paull, Colin Gordon
1951	Symes, William David	1953	West, Rosemary Ruth

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 196.

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.

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.

Sheridan Research Grants.

The Sheridan Research Committee will consider applications for grants and facilities to assist graduates and senior students desiring to carry out medical investigations.

Candidates should supply the Registrar with full details of the proposed research and an estimate of the cost; and they must be prepared if necessary to attend a meeting of the Committee to give such further information about their proposed investigation as may be required.

A report giving full particulars of the results obtained must be made on the completion of an investigation; and an interim report, if asked for, must be submitted during the progress of an investigation. Every report must include a statement that the work has been carried out under a grant from the Sheridan Research Fund, but no report may be published without the approval of the Committee.

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	1952	McDonald, Peter de Paul
1951	Henning, Frederick R.	1953	No award.

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.

1950	Kennare, Hugh Daley	1952	Henning, Frederick R.
1951	Tanko, Robert Seymour	1953	No award.

The Faulding Scholarship in Dentistry.

RULES

The Council has accepted the offer of Messrs. F. H. Faulding and Co. Ltd. to provide the sum of £21 a year for at least five years for a scholarship in Dentistry on the following conditions:

1. The scholarship shall be known as The Faulding Scholarship in Dentistry.

2. The scholarship may be awarded annually to assist a graduate in Dentistry to proceed to a higher degree or to undertake an original investigation approved by the Faculty.

3. Provided that the scholar's progress is satisfactory to the Faculty, the scholarship may be renewed for a second year, but not longer.

4. If no scholarship be awarded for two successive years, a scholarship to the value of not more than £40 may be awarded to a graduate in Dentistry to assist him to undertake research work on some dental problem approved by the Faculty.

The Dental Board of South Australia Research Scholarship.

RULES

Whereas the Dental Board of South Australia has agreed to pay to the University from time to time certain sums of money for the purpose of founding a research scholarship in Dental Science, it is hereby provided that:

1. The scholarship shall be called The Dental Board of South Australia Research Scholarship.
2. The purpose of the scholarship is to encourage research in dental science on subjects approved from time to time by the Faculty of Dentistry.
3. An applicant for the scholarship shall be a graduate in Dentistry of the University of Adelaide or of a University recognised by the University of Adelaide.
4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Dentistry. In making recommendations the Faculty shall take into consideration the proposed subject of research or investigation, the suitability of the candidate to undertake it and the value that should be attached to the scholarship in each case.
5. The research or investigation for which the scholarship is awarded shall be carried out under the supervision of the Director of Dental Studies.
6. Within the financial provision made available from time to time by the Dental Board of South Australia the University may award more than one scholarship at any one time.

Award

1950 Plummer, Alexander Philip, B.D.S.

BOARD OF COMMERCIAL STUDIES.**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 181.

Awards.

(BY THE UNIVERSITY.)

For previous awards, see Calendars from 1919.

1950 Wickstein, Robert D.	1952 Ottaway, Russell D.
1951 Dunnet, Patricia Anne	1953 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 190.

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 165.

Awards.

For previous awards, see Calendars from 1932.

1940	Redwood, John Pitts	1944	Gordon, John Llewellyn
1941	Mitchell, Shirley Eileen	1946	Noblett, Peter

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 175.

Awards:

For previous awards, see Calendars from 1913.

1950	Williams, Kenneth Douglas	1952	Hosking, Kathleen Valerie
1951	Ewing, William John M.	1953	No award.

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 were 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.

- 1950 Ramsey, Ronald Cecil (Accountancy I)
 Dahlenburg, Robert Louis (Accountancy II)
 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)

**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

The South Australian Divisional Council of the Australasian Institute of Cost Accountants Incorporated has offered to provide annually the sum of £3 3s. for a prize in Cost Accountancy and Budgetary Control, and the following rules have therefore been made:

The prize so provided shall be 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

1948	Tucker, Colin Pryor	1951	Sulan, Charles
1949	Hartwig, Reginald Leslie	1952	Soar, Dudley Turner
1950	Swanson, James Baikie	1953	Byrne, John Harold

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 of 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 £A600 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 £A600.

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 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 178.

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.

- | | |
|------|---|
| 1948 | ARTS—Wells, Elizabeth Anne |
| 1949 | LAW—Bennett, Henry Trevor
Forster, William Edward Stanley |
| 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 185.

Awards.

For previous awards, see Calendars from 1923.

- | | | | |
|------|---|------|----------------------|
| 1939 | Vowels, Rex E., B.E. | 1950 | McCarthy, Ian John |
| 1940 | { Crisp, Leslie Finlay, B.A.
Smith, William I. B., B.Sc. | 1951 | Walker, Ian Saville |
| | | 1952 | Thompson, Malcolm J. |

The Eric Smith Scholarship.

This scholarship was founded in memory of Lieutenant Eric Wilkes Smith, who was mortally wounded in the attack upon the Dardanelles on 25th April, 1915.

For conditions, see Statutes, Chapter XVIb, page 164.

Awards.

- | | | | |
|------|-------------------------|------|------------------------------------|
| 1917 | Cooper, Thomas Edwards | 1942 | Wilson, Jack Woodrow
(resigned) |
| 1921 | Moreland, Jack | 1942 | Cheek, Donald Brook |
| 1927 | Elliott, Ronald Donovan | 1948 | O'Connell, Brian John |
| 1934 | Lemon, Arnold William | 1952 | Webber, Ian Ernest |
| 1937 | Cheek, Nancy Olive | | |

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. Each scholar studying for a degree in Arts, Science, or Music shall during such time as he or she shall hold the scholarship be exempt from the payment of all University fees, including the fees payable on taking the degree of Bachelor of Arts, Bachelor of Economics, Bachelor of Science, or Bachelor of Music. Each scholar studying for a degree in Laws, Medicine, or Engineering shall in each year, during which he or she shall hold the scholarship, be credited by the University with the sum of £15 towards payment of his or her fees. Any student ceasing to hold the scholarship shall not be exempt from payment of such fees or entitled to credit for such sum of £15 after the time at which he or she shall cease to hold such 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

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 169.

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		

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 Edu-

cation in writing on or before 28th February of the year in which the applicant desires to hold the studentship. Each candidate should state:—

1. His age, whether at work during the day, how employed, and what salary or wages he receives.
2. His qualifications in point of knowledge, viz.:—
 - (a) If he has not previously held the studentship, he shall give particulars of any public examinations he has passed.
 - (b) If he has already held the studentship, he shall state what work he has done and what examinations he has passed while holding it.

Candidates who have reached the standard of the Intermediate public examination of the University in English Literature, History, and Mathematics are qualified to hold studentships.

33. If the whole sum of £180 is not awarded in any year to candidates qualified under paragraphs 41 and 45 of this part of these regulations, any surplus may be used, at the discretion of the Minister, in assisting other deserving students.

44. (1) Except where otherwise provided, or with the express permission of the Minister, no person may hold any Exhibition, Scholarship, Bursary, or Evening Studentship under this Part in conjunction with any other Exhibition, Scholarship, Bursary, or Evening Studentship awarded by the Minister.

GENERAL INFORMATION.

The Rhodes Scholarship.

GENERAL REGULATIONS.

A Rhodes Scholarship is tenable at the University of Oxford and may be held for three years. Since, however, the majority of Rhodes Scholars obtain standing which makes it possible for them to take a degree in two years, appointments are made for two years in the first instance, 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.

1949	Jose, Anthony Douglas	1952	Ashwin, Charles Robin
1950	Dowding, Alan Lorimer	1953	Lawrence, Robert John
1951	Opie, Roger Gilbert	1954	Porter, Robert

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.

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.

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, and a gazette is circulated to them to keep them 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, Interschool 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, lacross, boat, pennant tennis, table tennis, athletics, football, cricket, rifle, baseball, golf, hockey, swimming, boxing and wrestling, rugby, soccer, men's basketball, 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, and in 1946 it leased an additional 9 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 arranges periodical conferences, addresses and discussion groups on matters pertaining to the Christian faith as well as social functions and daily 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 objects of the Society are to gather together the Roman Catholic graduates and undergraduates of the University to discuss the problems of modern life and thought in the life of their Faith, to relate their Faith to their University life, to deepen their spirituality and fervour, to foster their social and general interests and to present the Roman Catholic viewpoint within the University on philosophical, moral and social problems.

There are separate committees for graduate and undergraduates. Meetings of the Society are held regularly in term, usually in the Union Buildings. In 1954, which is the twenty-fifth year of the Society's existence, a summer camp will be held in March to introduce freshers to older members. Members assemble twice a year at St. Francis Xavier's Cathedral for religious exercises, and an Inaugural Mass is celebrated at the Calvary Hospital Chapel during Orientation Week. The welcome to freshers takes place on that evening. All Catholic undergraduates entering upon courses at the University and those already attending it are invited to attend 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. Its 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 engineer 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 twelve 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. Angus Maitland, O.B.E., E.D., LL.B., and the Adjutant, Capt. T. R. M. Wilson.

Adelaide University Squadron.

The Squadron is an Auxiliary Squadron in the Royal Australian Air Force, and has been operating for almost three years. Thirty-three cadets completed No. 1 course in May, 1953; two graduates from the Faculty of Medicine were transferred to the General Reserve as Flight Lieutenants in the Medical Branch; five graduates were transferred to the General Reserve as Pilot Officers; and the remaining twenty-six cadets were transferred to the General Reserve as Provisional Pilot Officers (the rank of Pilot Officer to be confirmed on graduation from the University).

Flying Flight was suspended as from November, 1952. 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.

Undergraduates due for National Service Training, are eligible to join this Unit. The National Service Training Camp will take the place of the Squadron's continuous training camp.

In the past, undergraduates have neglected to inform the National Service Registrar of their intention to join the A.U.S., consequently this information has not been recorded on their National Service registration papers with the result that they have been selected for Army N.S.T. and thus become ineligible to join the Squadron.

Home Training parades are held during the year (usually on Tuesday nights), and continuous training camps are held interstate for a period of 14 days a year, during the University vacation.

Cadets are enlisted for two years with the Squadron, and at the conclusion of training, subject to reaching the required standard, are commissioned and placed on the General Reserve.

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 four 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 purpose of bringing into closer contact students and others connected with the University, who are interested in the various branches of Science, by means of periodical meetings and by social activities.

Throughout the year, monthly meetings are held at which talks are given by people from both within and without the University. Excursions and social activities are also a part of its function, including a Debutante Ball at which young ladies of all Faculties may be presented. The Association has instituted an orientation course for freshers, which is held during the first week of term.

Membership is open to both graduate and undergraduate students of Science. Non-graduating students may be elected to membership. All freshers of Science and interested members of other Faculties are invited to attend the meetings and other activities.

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. T. G. H. Strehlow.

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 August.

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 8s. for *The Australian Quarterly* and £1 6s. 6d. for *The Economic Journal*.

President: A. M. Ramsay, B.Ec.

Hon. Secretary and Treasurer: R. L. Griggs, 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, April 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 J. S. Robertson, M.B., B.S., D.Phil.
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 £2 a year.

Editor-in-Chief: Professor Mark L. Mitchell; Co-Editor, Dr. 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.

SCHOLARSHIPS—

Awards

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)

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

PRIZES—

For previous Awards, see Calendars from 1945

Awards in 1950:

(a) *Practice of Music.*

Seventh Grade: Pfeiffer, Beryl Lauraine
Williams, Harold

Sixth Grade: Bryant, Pauline
Schodde, Peter

Fifth Grade: Dawe, Glenda C.
Shattock, Christine
Smith, David A.

Fourth Grade: Chappell, Glenys Melba
Cook, Anthony
Gibson, Elaine E.
Kennedy, Helen

(b) *Theory of Music.*

Fifth Grade: Burford, Mary

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
Pindh, 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

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 1954

PART III

	Page
Annual Report for 1953 - - - - -	303
Reports of the Colleges - - - - -	332
Commemoration Addresses, 1954 - - - - -	336
Bibliography for 1953 - - - - -	346
Financial Statements for 1953 - - - - -	355

ANNUAL REPORT FOR THE YEAR 1953

To His Excellency, Air Vice-Marshal Sir Robert Allingham George, K.B.E, C.B., M.C., 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 1953:

I. INTRODUCTION

Provided that a university is meeting the minimum and immediate needs of a community for the supply of professional men and women, it is entitled to assess the measure of success achieved in any year by the progress made towards longer term or more complex objectives. The continued large-scale and sympathetic support of the University of Adelaide by the State Government, as well as most generous aid from benefactors, have enabled the University to take important steps towards the fulfilment of the unchanged objectives of its Council.

The year 1953 was a good one for the University. In the academic sphere an unsatisfactory dualism in the Departments of Chemistry and of History and Political Science has been ended by the separation of the functions of each of these two departments into two parts, each under a Professor. As a result, new Chairs of Inorganic and Physical Chemistry and of History have been created and filled. As a step towards the unification of different fields of learning, a course entitled *The History of Thought* has been successfully inaugurated. The Elder Conservatorium of Music has considerably extended its activities as a vital force in the sphere of music in this State. To those whose lives are spent within the University, the beneficial effects of study leave and of the presence of visiting Fulbright scholars are becoming increasingly apparent. With regard to study leave, it is interesting to note that for every pound provided for the purpose from the university funds, about two pounds are given by other organisations; special gratitude is owed to the Carnegie Corporation of New York. Concerning other academic matters it must suffice to mention the setting up by the Council of a committee to consider the future organisation and purposes of the Waite Agricultural Institute. New factors have arisen since the Institute began its work in 1925, and the Council will examine how best the Institute may serve immediate and local needs whilst playing its part in long-term and fundamental work, without which research establishments shrivel and decay.

The year 1953 was a year to be remembered for private benefactions. During the year, more than £80,000 was given to the University, mostly for stipulated purposes; one gift of £50,000 would alone have made the year a memorable one.

Probably the greatest unfulfilled task of the University, and one on which the Council has publicly declared its views, is the provision of facilities enabling students to lead a full university life, outside the hours of formal study. The great social changes of our time have made it essential to find solutions of this problem. The University

would go far towards providing a full university life for students if residential colleges could be increased in number and in size, and if, at less expense, students were given greatly increased cultural and recreational facilities within the University, particularly in the evenings. During 1953, the existing residential colleges made splendid progress. Three of the four colleges enlarged their accommodation and the fourth will do so during 1954. Whilst the residential colleges are flourishing as never before in this State, the Council sadly acknowledges little progress towards the provision of better Union facilities for all students, and unless important benefactions for this purpose are forthcoming, the immediate outlook is not hopeful.

2. THE COUNCIL AND THE SENATE

The Council in January re-elected the Hon. Sir Mellis Napier Chancellor of the University for a further term of five years.

In July, the Senate elected Professor L. G. H. Huxley to fill the vacancy on the Council caused by the death of Mr. R. H. Chapman. Dr. F. R. Hone, the Hon. Mr. Justice Ligertwood, Dr. Helen Mayo, Professor M. L. Mitchell, and Mr. R. A. West ceased by effluxion of time in November to be members of the Council; and an additional vacancy then was caused by the death in October of Sir Edmund Britten Jones. After twenty years of valued service, Mr. West did not seek re-election, and the Senate elected Dr. Hone, Mr. I. B. Jose, the Hon. Mr. Justice Ligertwood, Dr. Mayo, Professor Mitchell, and Mr. W. M. C. Symonds to fill the six vacancies. It also re-elected the Hon. Mr. Justice Ligertwood its Warden and Mr. V. A. Edgeloe its Clerk.

In August, Parliament re-appointed Mr. G. T. Clarke and the Hon. F. T. Perry and appointed Mr. J. S. Clark, the Hon. L. H. Densley, and Mr. J. L. Travers as members of the Council, the three new members replacing the Hon. C. R. Cudmore, Mr. C. D. Hutchens, and Mr. Baden Pattinson.

Sir William Goodman retired in September from the Chairmanship of the Finance Committee, an office which he had occupied for eighteen years. Mr. K. A. Wills succeeded him as Chairman, and Sir William remains a member of the Committee.

3. OBITUARY

The Council records with deep regret the deaths during the year of Professor J. McKellar Stewart, Emeritus Professor of Philosophy and former Vice-Chancellor, Sir Edmund Britten Jones, and Mr. R. H. Chapman, members of the Council, Miss Lily Waite, Dr. William Ray, Mr. Justice H. B. Piper, Mr. C. C. Brebner, Mr. K. L. Ward, and Mr. W. E. T. Bond.

Professor McKellar Stewart succeeded Sir William Mitchell as Professor of Philosophy in 1922, and occupied the Chair until his retirement in 1950, when the title of Professor Emeritus was conferred on him. In 1941 he was appointed Deputy Vice-Chancellor and in 1945, on the death of Sir Angas Parsons, Vice-Chancellor, an office which he held until 1948. He was a member of the Council from 1926 until 1951, and had been for long terms Chairman of the Public Examinations Board, Chairman of the Joint Committee for

Tutorial Classes, and Chairman of the Board of Studies in Social Science. He had also been Chairman of the Scotch College Council from 1926 until his death and President of the Kindergarten Union of South Australia for twenty-nine years, an office which he relinquished only a few weeks before his death.

Mr. R. H. Chapman had been a member of the Council and of the Finance Committee since 1933, and had taken an active part in the establishment of St. Ann's College, having been Chairman of the College's Finance Committee from its inception until his death.

Sir Edmund Britten Jones had been a member of the Council since 1944 and a representative of the University on the Council of the Institute of Medical and Veterinary Science since 1948.

Miss Lily Waite, a daughter of the late Mr. Peter Waite through whose munificence the Waite Agricultural Research Institute was founded, was herself a benefactress of the University. With her sister, Miss Eva Waite, she gave in 1937 £2,000 for the footbridge which provides direct access from the University grounds to the University playing fields across the river, and on her death she bequeathed £10,000 to the University for the advancement of the work of the Waite Institute.

Dr. William Ray had a distinguished undergraduate record, culminating in the award of the Rhodes Scholarship from South Australia for 1907. At Oxford he was awarded the Philip Walker Studentship in Pathology. For eight years he was a tutor in medicine, for fifteen years a lecturer in clinical medicine, and for four years Director of Medical Studies in the Medical School. He was also a member of the Advisory Committee of the University and the Royal Adelaide Hospital from 1927 until 1940 and Dean of the Faculty of Medicine for two years.

Mr. Justice Piper graduated from the University in 1914 and subsequently acted for a short term as a lecturer in the School of Law until he was appointed to the Commonwealth Arbitration Court Bench in 1938; he was Chief Justice of the Arbitration Court from 1941 until his retirement in 1947.

Mr. Brebner had been a lecturer in the School of Law for eleven years and a lecturer in Law in the School of Commerce for nine years. Mr. Ward had been an examiner in the School of Law for many years and on occasion a temporary lecturer.

Mr. W. E. T. Bond had been a research fellow at the Waite Agricultural Research Institute since 1952.

4. RETIREMENTS AND RESIGNATIONS

Mr. H. S. Parsons, Teacher of Violoncello in the Elder Conservatorium of Music and for many years a lecturer in theoretical subjects in the School of Music, retired at the end of the year after forty-eight years' service with the University, but will continue to act as teacher of violoncello until his successor has been appointed. On several occasions during the absence of the Elder Professor of Music Mr. Parsons acted as Director of the Elder Conservatorium, the latest occasion being in 1952. The Council records its warm and deep appreciation of Mr. Parsons' long and devoted service to the cause

of music in South Australia, and particularly in the University Music School and the Elder Conservatorium.

In March, Professor H. C. Trumble resigned from the Chair of Agronomy in the Waite Agricultural Research Institute.

Mr. R. E. Vowels, Reader in Electrical Engineering, resigned on appointment to the Chair of Electrical Engineering in the New South Wales University of Technology; Dr. W. R. Adey, Reader in Anatomy, resigned on receiving an appointment as Assistant Professor in the University of California; Mr. A. T. Pugsley, Senior Plant Geneticist at the Waite Agricultural Research Institute, resigned on appointment as Director of the Agricultural Research Institute at Wagga, in the Department of Agriculture of New South Wales; and Mr. Raymond O'Connell, Principal Teacher of Pianoforte in the Elder Conservatorium of Music since 1949, resigned in order to return to Great Britain.

5. NEW PROFESSORS

During the year new Chairs in History and in Inorganic and Physical Chemistry were established, the new Chair in each case representing expansion and division of an existing Department into two. Professor W. G. K. Duncan, formerly Professor of Political Science and History, will in future be styled Professor of Politics, a title chosen to indicate, in accordance with current scholarly use of the word, that the scope of the Chair is concerned with the theory and philosophy of the subject.

The Chair of History has been filled by the appointment of Mr. H. Stretton, Rhodes Scholar from Victoria for 1946. At Balliol College, Oxford, he gained first class Honours in Modern History and was awarded the Gibbs Scholarship in Modern History, an open University award. In 1948-9 he was a Visiting Fellow to Princeton University, U.S.A., for a year; returning to Oxford in 1949, he was elected Fellow and Tutor in Modern History at Balliol, where he is now Dean. He expects to take up duty in October, 1954.

Dr. D. O. Jordan, Reader in Physical Chemistry in the University of Nottingham, was appointed to the new Chair of Inorganic and Physical Chemistry, and assumed duty in Adelaide in March, 1954. An active and successful research worker, over a period of years, Professor Jordan has made many contributions to the chemistry of the nucleo-proteins. He is the author of some forty papers and his high reputation as a research worker is indicated by the liberal financial support that he has received from the British Empire Cancer Campaign, the Rockefeller Foundation, the Royal Society and Industry. In 1948 he worked at Princeton University, U.S.A., under a Commonwealth Research Fellowship.

6. OTHER NEW STAFF

During the year the following new appointments were made and the appointees took up duty during the year:

Lecturer in Geography: Dr. K. W. Thomson, B.A. (N.Z.), M.A., Ph.D. (Washington).

Senior Lecturer in Mathematical Physics: Dr. J. C. Ward, D.Phil. (Oxford).

- Senior Lecturer in Geology: Dr. E. R. Segnit, M.Sc. (Adel.), Ph.D. (Camb.).
- Lecturer in Civil Engineering: Mr. D. H. Tyler, B.E. (Adel.).
- Research Fellow in Medicine: Mr. M. G. Taylor, M.B., B.S. (Adel.).
- Teacher-Lecturer in the School of Music: Mr. H. Fairhurst.
- Principal Teacher of Pianoforte in the Elder Conservatorium of Music: Mr. H. L. Dossor, A.R.C.M.
- Systematic Botanist at the Waite Agricultural Research Institute: Mr. F. M. Hilton, B.Ag.Sc. (Adel.).
- Research Officer in Gummosis of Apricots: Mr. M. V. Carter, B.Ag.Sc. (Adel.).
- Appointments made in 1953 but not assumed until 1954 were:
- Lecturer in Psychology: Mr. S. H. Lovibond, B.A. (Melb.), A.U.A. (Soc.Sc.).
- Lecturer in Philosophy: Mr. C. B. Martin, B.A. (Boston).
- Lecturer in Biochemistry: Dr. A. R. Johnson, Ph.D. (Leeds).
- Lecturer in Physiology: Mr. A. J. Day, M.Sc., M.B., B.S. (Adel.).
- Lecturer in Pathology: Mr. H. Lander, M.B., B.S. (Adel.).
- Senior Lecturer in Medicine: Mr. H. R. Gilmore, M.B., B.S. (Adel.), M.R.C.P.
- Mortlock Research Fellow in Medicine: Mr. A. K. Cohen, M.B., B.S. (Adel.).
- Lecturer-Teacher in the School of Music: Mr. J. V. Peters, Mus.B. (New Zealand and Durham), F.R.C.O.
- Lecturer in Zoology: Dr. S. Clare, B.A. (Kansas), M.S. (Iowa), Ph.D. (Chicago).

7. GRADUATE AWARDS

The following graduates of the University were awarded scholarships tenable overseas:

Mr. Ross Duncan (History) and Dr. R. A. Barter (Pathology): Nuffield Foundation Dominion Travelling Scholarships; Miss J. P. Whyte (Arts): scholarship offered by the American Association of University Women for study in the United States during the 1953-54 academic year; Messrs. P. F. Howard, N. L. Markham and B. J. Skinner: scholarships for postgraduate study in Mining Geology tenable at Harvard University; Mr. P. A. Trudinger (Biochemistry): C.S.I.R.O. Studentship; Mr. K. Neighbour (Architecture): Fulbright scholarship from the United States Department of State tenable at the University of Pennsylvania; Mr. G. E. Lewis (Chemistry): research scholarship from the British Empire Cancer Campaign tenable for three years in London.

Four other graduates were awarded scholarships tenable in the Australian National University: Messrs. R. O. Hieser (Economics), R. B. Ward (English), and Miss M. P. Rendell (History and Political Science): research scholarships; Dr. M. S. Patterson (Engineering): senior research fellowship in the Geophysics Department.

8. THE TEACHING YEAR

Staff: Seven new posts were established during the year: Chairs of History and of Inorganic and Physical Chemistry, a Senior Lectureship in Government and Public Administration, and Lectureships in Psychology, Geography, Zoology, and Civil Engineering. Appointments had been made to all save the Senior Lectureship in Government and Public Administration before the end of the year, but in most cases the appointees were not able to assume duty until 1954.

Curriculum: In the Faculty of Arts a three-year sequence in Psychology for the Ordinary degree and an Honours course in the School of German Language and Literature were established, and provision was made for Philosophy I to be accepted as an alternative to a first-year course in a Science subject as part of the requirements for the Ordinary degree. The list of combined schools in which a candidate may proceed to the degree of Master of Arts was expanded. The regulations governing the degree of Doctor of Letters were amended to provide for the degree to be awarded primarily on a consideration of such of his published works as a candidate may submit for examination; the examiners may, however, take into account supporting unpublished original work. Provision was also made in the regulations and schedules governing the degree of Doctor of Philosophy for Arts students to proceed to the degree in certain schools.

In the Faculty of Economics a second third-year course in Accountancy was established; a candidate may present either course, but not both, for the degree of Bachelor of Economics.

A course in Scientific German was provided for students in Science.

The regulations governing the Honours degree of Bachelor of Engineering were revised to provide for candidates to take the Honours work concurrently with the final year's work for the Ordinary degree, the final Honours examination being held in the March following. Provision was also made for candidates in Metallurgical and Chemical Engineering to proceed to the Honours degree.

A course of one lecture a week throughout the academic year on the History of Thought was provided for the first time, many members of the staff taking part. The course was open to Honours students in Arts and Science, third-year students in Medicine, and other members of the University and the public. It was well attended and a similar course on the eighteenth century will be provided in 1954.

9. ACCOMMODATION

Health Centre: On May 6 the Vice-Chancellor officially opened a suite of rooms in the south-western wing of the Prince of Wales Building that had been renovated and equipped as permanent quarters for the Health Service. The suite comprises a waiting room, a records room, a sister's room and a small laboratory for routine tests, two examination rooms, a small projection theatre, and a store-room. The Centre is the first of its kind in an Australian University.

Philosophy and Psychology: Laboratory accommodation was provided for Psychology on the floor above the Health Centre, and the

Department of Philosophy, which includes Psychology, transferred to the Prince of Wales Building at the beginning of the year, the space in the Arts Building formerly used by Philosophy being occupied by German.

Department of Mines: In order to help meet the urgent short-term needs of the State Department of Mines, the University made available for use by an appropriate section of the Department's scientific staff, for a period of three years, three large rooms in the Prince of Wales Building.

Graduates' Centre: A room in the old Anatomy Building was allocated to the Graduates' Union for use as a luncheon and club room. It was furnished by the Graduates' Club in style similar to that of the Staff Club room; arrangements were made for the facilities of the Staff Club kitchen to be available to the Graduates' Club also; and the club room was officially opened by the Chancellor on April 2.

10. STUDY LEAVE

The value of study leave in a university such as Adelaide, which is half the circumference of the world away from the recognised centres of scholarship and research in Europe and America, is incalculable. For a senior man, there is no substitute for the stimulus in his own work that periodic personal discussion with his peers and the leaders in his field can give; for a young man concentrated work over a period in one of the great centres of study in his particular subject is indispensable. During the four years of its operation the study leave fund has enabled a member or members of most departments in the University to be so stimulated—at a financial cost of little more than 1 per cent. of the University's annual expenditure on running costs.

Seventeen members of the staff were abroad on Study Leave during some part of 1953; of these some had begun their leave in 1952, others had the whole of their leave in 1953, and the remainder began leave which would extend into 1954. Although the University contributed a part of the cost in most cases, many of the programmes undertaken would have been impossible without help from elsewhere; and it is interesting to note that the value in 1953 of grants from sources other than the University was approximately £14,500 or about twice the total amount of the contributions from the University.

Dr. G. M. Badger, Reader in Chemistry, visited Universities and research laboratories in the United Kingdom, Europe, and U.S.A., where he met leading organic chemists and discussed with them both teaching methods and research problems of mutual interest. He represented the University at the Thirteenth International Congress of Pure and Applied Chemistry, held in Sweden in August.

Mathematical research centres in the United Kingdom and Europe were visited by Mr. G. Szekeres, Senior Lecturer in Mathematics, who was abroad during the first six months of the year; and Mr. R. W. Crompton, Lecturer in Physics, studied the processes of electrical discharge, under Professor Llewellyn Jones at University College, Swansea, Wales.

Professor J. A. FitzHerbert, Professor of Classics and Comparative Philology and Literature, spent the year partly in visiting the remains

of classical antiquity in Greece, Italy and Southern Europe generally, and partly in working in various libraries on manuscripts connected with the writings of Pindar.

As a result of an invitation from the University of Toronto, Mr. B. R. Elliott, Senior Lecturer in English, visited Canada and lectured there on Australian Literature. He subsequently visited England and Europe where he examined, in particular, methods used in encouraging the study of drama.

The Reader in Soil Chemistry, Dr. C. S. Piper, visited the United Kingdom, Europe and America to acquaint himself with recent and present work in his own field. He was also able, while in America, to discuss his book, *Soil and plant analysis*, with some of its American users.

Having been awarded a Nuffield Foundation Dominion Travelling Fellowship, Dr. T. O. Browning, Entomologist at the Waite Agricultural Research Institute, spent nearly a year in Cambridge studying new developments in insect ecology and physiology. He was later enabled to spend some months in similar studies in America.

The Elder Professor of Physics, Professor L. G. H. Huxley, was enabled, through the courtesy of the Department of Supply, to visit the United Kingdom during June and July. He attended scientific conferences in Manchester and Oxford and visited a number of scientific laboratories.

Recent advances in theoretical physics in both England and Europe were investigated, during the first two terms, by Professor H. S. Green, Professor of Mathematical Physics. He also engaged in some successful original work, and lectured widely, while he was abroad.

Two of the University's four delegates to the Seventh Quinquennial Congress of the Universities of the Commonwealth, held in Cambridge in July, were the Professor of Botany, Professor J. G. Wood, and the Assistant Registrar, Mr. V. A. Edgeloe. Professor Wood also visited botanical laboratories and agricultural research stations in which research work in the general field of plant physiology and biochemistry, and especially concerning mineral nutrition of plants, was in progress; and he studied in detail recent advances in chromatographic and radio active techniques. Mr. Edgeloe visited 17 Universities in the United Kingdom and 19 in the United States and Canada; he sought to inform himself on the broad principles of university administration in those countries, on certain general problems of university life and organisation, and on detailed practice in some of the more routine activities in a university administrative office.

As in the previous two years, small grants-in-aid were made to members of the staff attending research-type conferences in Australia.

11. PUBLIC LECTURES

Four public lectures were given by members of the staff during 1953 as follows: "Wealth from the Earth", by Professor E. A. Rudd, Professor of Economic Geology; "The Nature of Disease", by Professor H. N. Robson, Professor of Medicine; "Heredity and Modern Civilization", by Professor D. G. Catcheside, Professor of Genetics; and "A Fluellen of the XVIIth Century", by Mr. M. Bryn Davies, Senior Lecturer in English Language and Literature.

At the request of the South Australian Branch of the Australian Institute of International Affairs the University sponsored the Dyason Lecture in the Bonython Hall on October 8 by Dr. Julian Huxley on "Science, Religion and Modern Ideology". The Bonython Hall was also made available for lectures by two distinguished Shakespearean actors: on March 18, Mr. Robert Speaight lectured on "Shakespeare and the Theatre", and on September 17, Mr. Anthony Quayle gave a lunchtime talk on Elizabethan England and the theatre. The address by Mr. Quayle was one of a series of five given in connection with the visit to Adelaide of the Stratford Company, the others being given by Mr. E. W. Burbidge, the British Council's representative in Australia, and by members of the staff of the University's English Department. The English Department was also responsible for arranging lectures by Professor Ian Maxwell, of the University of Melbourne, on August 10 and 12 on literary subjects, including Robert Burns, and by Dr. Murray Todd of Canberra University College, on October 7 on Bernard O'Dowd.

Shortly before the coronation of Her Majesty Queen Elizabeth II three short addresses were given in the Bonython Hall on the coronation ceremony by Professors Blackburn and Bishop, and by the Dean of Adelaide, the Very Reverend T. T. Reed.

The Mawson Lecture Theatre was used for lectures by Sir Ronald Fisher, Professor of Genetics in the University of Cambridge, on April 24 on "Population Genetics", and for an address to members of the medical profession on December 2 by Dr. Douglas Guthrie of the University of Edinburgh, who spoke on "Witches and Witch Doctors".

Two lectures of an informal nature on the present musical scene in England were given by Mr. Arthur Jacobs, the Acting Editor of "The Musical Times" in London, in the South Hall of the Elder Conservatorium.

12. RESEARCH

Research into a wide variety of subjects was undertaken during the year, and good progress was made in many projects: full details will be found in the comprehensive report to be issued in May. In addition, the Bibliography (see pages 346-354) indicates the scope of both the earlier and current work, the results of which had reached the stage of being ready for publication during 1953.

The University Research Grant continued to support not only recent graduates being trained in research techniques, but also members of the teaching staff engaged in original work in their own special fields. The whole programme embraced work on 126 separate projects. The expenditure under the grant was about £39,000—£22,500 for salaries for some 455 graduate workers and 10 research technicians, and £16,500 for equipment, maintenance materials and the other items associated with vigorous research activity.

Under the Medical Research Committee's programme, grants were made to the Departments of Anatomy, Bacteriology, Biochemistry, Obstetrics, Pathology, Physics and Physiology. The funds available

to this Committee consist of the income from several endowments for medical research purposes, together with an annual grant from the National Health and Medical Research Council.

Outside organisations provided grants for research work in particular fields. The investigations which the Department of Electrical Engineering had conducted for four years into problems of aerial design, on behalf of the Department of Air, were concluded at the end of the year; but the work in Servomechanisms for the Department of Supply continues actively, as does that in simulating networks for power supply systems under the grant from the Electrical Research Board. In the Physiology Department, the research done for the Department of Air into the physiological effects of supersonics was brought to a close. The National Health and Medical Research Council supported two graduate research workers in the Bacteriology Department, and provided technical assistants in two other departments. Grants were also received from the Radio Research Board and the Department of National Development; and the Agricultural Research Council of Great Britain enabled the Zoology Department to undertake work on the physiology of helminths.

Research into a wide variety of subjects was undertaken in various departments as follows:

Anatomy: the physical anthropology of Central Australian aborigines; foetal abnormalities; eclamptic fits.

Biochemistry: actively respiring extracts of yeast and *Proteus vulgaris*; oxidative phosphorylation; aspartase in *Proteus vulgaris*; intracellular distribution of fumarase and aconitase in yeast; distribution of enzymes in cell-free yeast extracts; chromatographic separation of organic acids and its application to yeast; glucose catalysis of bacterial enzymes.

Botany: mineral nutrition and the water relationships of heath and of economic plants on deep sands of the Ninety Mile Plain; regeneration of plants in arid Australia; ecology and biochemistry of the onion weed; weed ecology in cereal crops; cytology of the genus *Bulbine*; algal ecology of South Australia.

Dentistry: the dental condition of aboriginal children; developmental abnormalities of the teeth.

Economics: the computation of an index of industrial production for Australia.

Civil Engineering: stress in foundations by photoelastic methods; investigation of the properties of concrete; steel-framed structures; pre-stressed concrete.

Electrical Engineering: power system stability analogue; work on suppressed aerials for the R.A.A.F.

Mechanical Engineering: Electro-mechanical analogies of vibrating systems; strain analysis of complex machine components; the development of a research water tunnel, analogous to wind tunnels used in aeronautical research, for work on fundamental fluid dynamics problems.

Geography: a regional survey of the Hundred of Kuitpo.

Geology: the genesis and structure of rocks of the Mount Lofty Ranges; the nature and origin of magnesite deposits; the stratigraphy and palaeontology of Australian Tertiary strata; Cambrian sediments and faunas of South Australia.

German: dialects of the South Australian German community.

Mathematical Physics: cosmic ray cascade theory; classical and quantum electrodynamics; properties of particles obeying general statistics; the decay of the tau-meson.

Medicine: the role of the capillary system in Haemorrhagic states; a detailed aetiological survey of leukaemia in South Australia; cardiac complications of chronic alcoholism.

Mining, Metallurgical and Chemical Engineering: the development of a non-destructive testing unit for mine wire ropes; the investigation of hoisting system characteristics in mine shafts; theoretical investigation of mine sampling; auxiliary ventilation in mines; liquid-liquid extraction; heat transfer; adsorption studies; reactions in the fluidised state; passivity of some ferrous metals; electrolytic de-bismuthizing of lead; investigation of thermo-emissive materials.

Obstetrics: An investigation by electro-encephalographic methods of more than 100 women showing toxae-mias of pregnancy, together with normal controls.

Pathology: Coxsackie virus titres in, and electron microscopy of, sections of infected mouse pancreas; electron microscopy of renal glomeruli; studies on blood flow in tubes of capillary bore.

Physics and Biophysics: wind systems in the upper atmosphere; meteor physics; meteor astronomy; ionospheric movements; motions of electrons in gases; studies of connective tissue by various physical methods.

Physiology: a study of pain perception; principles of food production from Australian soil.

Physiotherapy: The examination of the posture of school girls to note the relation of habitual posture to deformity and pain; the functional power of some individual muscles of children in the age group 3-6 years.

Zoology: the biology of insect diapause; the taxonomy of nematode parasites; the biological activity of complex asymmetric ions; the mode of action of phenothiasine as an anthelmintic.

13. THE WAITE AGRICULTURAL RESEARCH INSTITUTE

Investigations in agronomy included the maintenance of the long-term experiments in crop rotation and the extension of the work to include a study of the changes in the soil atmosphere under the different treatments. The first phase of the investigations into the behaviour of shrub pastures in the Yarramundi project at the John Mortlock Station at Yudnapinna was concluded, and any differences in the stage of the paddocks are now being eliminated by careful stocking before grazing treatments are imposed. Progress was made in assessing the variability of *Phalaris* and barrel medic and a detailed study of the growth of subterranean clover in relation to environmental factors was continued.

In the field of genetics, studies in physiological genetics revealed hitherto unsuspected inhibition by amino acids of the uptake of histidine by *Neurospora* cells. The work on pyridoxin mutants became complicated by the appearance of pseudo-wild type segregates. A new type of behaviour of univalent chromosomes at meiosis was studied in a *Phalaris* hybrid; structural changes result from the disturbances. Some progress was made in the cytological study of *Danthonia*. Progress was also made in the construction of tetraploid stocks of maize, and in the growing of the crucifer *Arabidopsis* on defined media under sterile conditions. The work on the identification in flax of genes for resistance to rust is near completion.

In plant pathology investigations were continued into the soil-borne fungus *Rhizoctonia solani* which causes root and stem diseases of a wide range of plants, and its ecology and range of susceptible host species was studied in relation to the problems of practical agriculture in areas in which the fungus attacks cereal and pasture plants. In the laboratory work was done on the taxonomy of the fungus, its mode of infection of plants and its variation when grown from single basidiospore cultures; temperature has been shown to affect the pathogenicity of one strain. The survival of the fungus in soil was also under investigation.

The studies on seed transmission of plant virus diseases were continued, and it has been demonstrated that the seed of cucumber and of wild cucumber contain some heat-labile constituent capable of completely inhibiting infection of cowpeas by cucumber mosaic virus. It has also been shown that this effect is upon the host plant rather than upon the virus itself.

Work on the suspected virus disease of cherries in the Adelaide Hills was continued, and a new nursery orchard established at the Waite Institute to enable these and parallel investigations to be extended.

Gummosis of Apricots is now under detailed investigation, but hitherto such investigation has been retarded by the discovery that the causative fungus has no known spore stage capable of germination under laboratory conditions, so that at the present it is impossible to account for its spread from place to place in the field. A stock of pathogenic cultures of the fungus is gradually being accumulated for use in further work, but this is necessarily a slow process, as inoculations take some months to develop any symptoms on host twigs.

During 1953 the demand for bacterial cultures for field inoculation of legumes increased, and over 5,000 units were supplied. Work was begun on the selection of the most effective strains of *Rhizobium* for inoculation of subterranean clover seed under field conditions; tests have shown that not all strains giving excellent results under laboratory and green-house conditions are equally effective in the field. One strain originally isolated from Kangaroo Island shows promise of being highly efficient for subterranean clover in the soils of that island.

A large amount of taxonomic work on various groups of Australian fungi was carried out during the year, but an enormous residue re-

mains before it will be at all possible to contemplate the publication of the desired Australian Fungus Flora. For some groups it will be necessary to obtain the assistance of foreign specialists, and even for some of them to visit Australia for some months at least, to study our local species in living condition on the spot. A consignment of about 2,000 specimens from Indonesia was examined and determined; it is expected the results will be published in 1954. The Australian *Meliolaceae* were revised and published, and the ascospore forms of *Aspergillus* and related fungi are now under detailed study.

Work in plant physiology was directed as previously towards an understanding of transpiration and of the growth reactions of plants.

Entomological investigations related chiefly to insects of pastures, field crops and orchard trees. A monograph dealing with the principles of insect ecology was completed for publication.

In soil chemistry, the fertility problems connected with the Seddon series of soils of Kangaroo Island continued to present opportunities for study.

These soils are derived in the first instance from laterite formations and apart from exceptional deficiencies in phosphorus and nitrogen they are marginal with respect to most of the known micro-nutrients. The plants used for studying these problems in pot cultures have included oats, subterranean clover, rice and Monterey pines. Field investigations were conducted in co-operation with the State Department of Agriculture. Among the special problems studied were those of the availability of phosphorus, copper and manganese. The micro-biological nitrogen cycle of these soils was also the subject of study.

Work continued in the chemistry of plant viruses and experiments conducted on a transference of character determinants which appears to take place between strains of these viruses in mixed cultures in plants.

The work of the Institute was supported by the promise of a further grant of £5,000 from the Rural Credits Development Fund of the Commonwealth Bank, in order to complete the cool-house; and grant of £4,000 from the Wool Industry Fund was made available for research on sheep pastures.

14. THE BARR SMITH LIBRARY

In co-operation with the Students' Representative Council arrangements were made during Orientation Week for a more systematic introduction of new students to the Library's resources. Later in the year small groups of senior students were given more detailed instruction in the use of reference books, journals and indexes. It is hoped that, as the staff is increased, more systematic guidance can be given to students in the efficient use of the Library.

Several hundred books were bought from the Institutes' Association of South Australia in pursuance of the policy to build up the collection of nineteenth century literature. Some 200 volumes of the microfilm edition of important English literary journals of the 17th, 18th and 19th centuries were received. It is clear that a much greater volume of material must be obtained each year, particularly

for the Departments in the Faculty of Arts, if the Library is to be adequate for their needs, both in teaching and in research.

15. THE ELDER CONSERVATORIUM OF MUSIC

Staff: Mr. Harold Wylde, teacher of organ and pianoforte, and Miss Clarice Gmeiner, formerly Secretary of the Conservatorium and for the last eight years a teacher of violin, retired after long and valuable service to the work of the Conservatorium.

Student Activities: The Director reports a continued rise in the general level of student standard and achievement, which is reflected not only within the work of the Conservatorium, but also in the larger field of public performance.

Under the direction of Miss Barbara Howard and Mr. Max Worthley, the Opera Group gave performances in the Hut of Purcell's opera, *Dido and Aeneas*, and a season of four performances of Mozart's *Magic Flute* in the Tivoli Theatre in October.

Orchestral and chamber music activities, under the guidance of Messrs. Davies, Parsons, Good and Sellick, contributed to the all-round training of the students.

Concerts: A stimulating series of lecture-recitals was given by the Director, Messrs. Raymond O'Connell, Lance Dossor, Lloyd Davies, Clement Q. Williams, and Clemens Leske. During the winter term, Sunday afternoon concerts drew large audiences to the Elder Hall; mid-day organ recitals were given in the Elder Hall by Mr. John Horner and advanced students throughout the year; and student concerts were held in the Elder and South Halls, from time to time, including a special programme of "Music for Country Folk" given to members of The Agricultural Bureau of South Australia.

Visitors: A reception was given to Madame Seefried and Mr. Gerald Moore; M. André Marchal, visiting French Organist, gave a lecture-recital to a class of some forty students; Mr. Arthur Jacobs, English critic and writer, gave two lectures to students of the University on "British Music of our Time"; and Mr. J. A. Steele (Melbourne University Conservatorium of Music) examined the practical work of the final-year Diploma students in October.

Library: Several important additions of books and works were made to the Library, the resources of which are steadily and satisfactorily growing. Gifts were made by Messrs. Schirmer and Co. of New York, The Oxford University Press, Allans and Co. of Melbourne, and Augener Ltd. of London.

16. THE ANTI-CANCER COMMITTEE

Personal: During the year Dr. B. S. Hanson, Honorary Radio-therapist at the Royal Adelaide Hospital and a member of the Committee for many years, was appointed Deputy Chairman; Dr. F. A. Dibden, the Medical Officer, was awarded the Diploma in Therapeutic Radiology in the University of Melbourne; and Mr. Worthley attended the Annual General Meeting of the College of Radiologists in Hobart.

The Committee's staff in the Radiotherapy Department of the hospital was strengthened in various ways. So that Dr. Phillips might devote her time almost exclusively to the Neoplasm Registry, a third assistant registrarship was established and Dr. Brindal appointed to it; and Miss J. Brown, successively cadet and part-time physicist in the Department, was appointed a full-time assistant physicist.

Equipment: Protracted negotiations for the purchase of a 4 million electron volt Linear Accelerator, delivery and installation of which is not expected for approximately 2½ years, were concluded; meanwhile the planning of accommodation for it in the Royal Adelaide Hospital is proceeding.

Treatments on a limited scale were given during the year with the 200KV rotational head deep therapy unit, but the cases so treated were too few for analysis. The cobalt 60 sources mentioned in the report for 1953 were purchased and mounted in gold casing and are now in routine use. The physicists constructed several minor items of equipment in their workshop.

Teaching: The Committee borrowed for some months from the British Council several films on various aspects of cancer. They were shown to practitioners in the metropolitan area at two meetings in the Verco Theatre, and to members of three country branches of the British Medical Association at Barmera, Tanunda and Mount Gambier, representatives of the Committee acting as commentators and answering questions on every occasion.

Research: Owing to delays in the supply of certain of the equipment needed for the construction of a multiple optical integrator it was not possible to proceed further with the work on dosage that had been done with the aid of the Wheatley optical integrator. In addition to maintaining the routine hospital physics service, however, the physicists conducted a number of investigations arising from that work and designed, constructed, and calibrated other equipment.

Work in the Chemistry Department on the relationship between chemical constitution and carcinogenic activity among azo-compounds was continued and the Committee undertook to pay the salary of a research assistant in the Chemistry Department in 1954 to carry the investigations further. Mr. G. E. Lewis, who was engaged on the work in 1953, was awarded a Junior Research Fellowship by the British Empire Cancer Campaign and is now working at the Chester Beatty Research Institute, Royal Cancer Hospital, London.

The Committee also granted financial aid to the Department of Pathology.

Finance: The last annual report referred to the necessity and urgency of the Committee's securing additional funds to meet its general running costs. It is gratifying to be able to report that after a deputation from the Committee had waited on the Minister of Health the Government raised the annual subsidy from £3,000 to £5,000 and at the same time undertook to pay the salaries of the Senior Medical Officer and two of the assistant registrars. The Government

also promised a generous contribution of £16,000 towards the cost of the Linear Accelerator, which is expected to exceed £60,000.

17. THE POSTGRADUATE COMMITTEE IN MEDICINE

As in previous years, the Committee provided courses in preparation for the examinations for Membership of the Royal Australasian College of Physicians and for the Fellowship of the Royal Australasian College of Surgeons, conducted in August a refresher week for general practitioners, and held week-end courses for country practitioners in Clare, Berri (2), and Mount Gambier.

New work undertaken by the Committee included training in emergency surgery for general practitioners and special training in anaesthetics.

Overseas and interstate lecturers who came to Adelaide under the aegis of the Committee, and the subjects of their lectures were: Sir Allen Daley, Principal Medical Officer of the London County Council—"Medical Organization, Past, Present and Future"; Dr. Macdonald Critchley, Dean of the Institute of Neurology and Lecturer in Medicine at the National Hospital, London—"Cerebral Arteries and their Syndromes" and "Peter Kurtein, the Mass-Murderer of Dusseldorf"; Dr. J. E. M. Wigley, Dean of the Institute of Dermatology, London—"Common Errors in the Treatment of Skin Diseases"; Dr. R. D. Lawrence, of King's College Hospital and author of *The Diabetic Life*—"Types of Human Diabetes and their Treatment" and "Diabetic Neuropathy"; Dr. Bernard Johnson, Dean of the Faculty of Anaesthetists, Royal College of Surgeons—"Recent Advances in Anaesthesia"; Professor Virginia Apgar, Professor of Anaesthesiology at Columbia University, New York—"Resuscitation of the Newborn"; Dr. J. G. Hayden, of Melbourne—the Edward Stirling Lectures on "Treatment of Hypertension" and "Medical Emergencies"; and Dr. Douglas Guthrie, Lecturer in the History of Medicine at the University of Edinburgh—"Witches and Witch Doctors" and "Lister and his Achievement".

A full account of the work of the Committee is given in its annual report which is published separately.

18. VISITORS

Only a small number of distinguished overseas scholars came to Adelaide in 1953; on the other hand, those who came for short periods from other Australian Universities to lecture or to conduct seminars for staff and senior students were, happily, more numerous than usual. The visiting lecturer scheme, like the Study Leave scheme, helps to promote that constant ferment of ideas which is one of the marks of a flourishing University.

In the Department of Geology Dr. F. Coles Phillips, Reader in Petrology in the University of Bristol, conducted during the August vacation a graduate school in structural petrology which was attended by a number of visitors from other States as well as by South Australian geologists. Dr. Phillips visited Australia at the invitation of the Australian Vice-Chancellors' Committee and under the aegis

of the British Council. Adelaide was his headquarters, but he paid brief visits to the other Australian Universities also.

Other visitors from overseas included: Professor P. M. S. Blackett, of the University of Manchester, who lectured in the Department of Physics and gave a public lecture in April; Professor P. B. Carter, of Wadham College, Oxford, in June; Professor Charles O. Gregory, of the University of Virginia, U.S.A., who conducted classes in the Law of Torts and spoke to members of the Faculty of Law on teaching methods in American Law Schools, in August; Dr. Julian Huxley, the eminent biologist, in October; the High Commissioner for Canada; and the High Commissioner for India, who addressed a representative group of students from Asian countries.

Visitors from other Australian Universities included Professor A. E. Alexander, Professor of Applied Chemistry in the New South Wales University of Technology, who lectured on "The permeability of cell membranes"; Dr. J. M. Blatt, of the Physics Department in the University of Sydney; Professor G. G. Firth, Professor of Economics in the University of Tasmania; Mr. J. Jennings, Reader in Geography at the Australian National University; Professor Ian Maxwell, Professor of English in the University of Melbourne; Professor A. H. Willis, Nuffield Research Professor of Mechanical Engineering in the New South Wales University of Technology; and Dr. Murray Todd, of Canberra University College, who gave three lectures on Australian Literature, under the joint auspices of the University and the Commonwealth Literary Fund. Each of these scholars spent about a week at the University, meeting and holding discussions with members of the staff, conducting classes for undergraduates and research students, and giving lectures which in many cases, were open to the public also.

19. THE FULBRIGHT SCHEME

The Fulbright Scheme is part of a larger American plan designed to promote greater understanding between other countries and America. It was established by an Act of the United States Congress sponsored by Senator William J. Fulbright, a former Rhodes Scholar. Under this scheme, selected persons from the countries provided for within the scheme who can go to America for academic work receive grants for travelling expenses; and American scholars are enabled to go to other countries for research and other work at Universities and similar institutions. The first Americans came to Australia under the scheme in 1951.

Ten American scholars were in Adelaide at some time in 1953. Dr. and Mrs. R. A. Waterman, of the North Western University, Illinois, left in April after carrying out, mainly in Arnhem Land, field work in a special study of aboriginal music and its place in aboriginal ceremonials, work which they began in 1952; and Dr. J. B. Birdsell, of the University of California, continued in Northern Australia the research into the physical anthropology, tribal numbers, and population densities and distribution of Australian aborigines which he began in 1952 and to which reference was made in last year's report.

In February Professor R. A. Stirton, Chairman of the Department of Palaeontology in the University of California, arrived to look for fossil marsupials and other Australian fauna. With Mr. R. H. Tedford, a graduate student in vertebrate palaeontology from the University of California as his assistant, he spent much of his time in field expeditions, the Geology Department being his headquarters. After excavations at the Lake Callabonna Fossil Reserve, his party investigated the country around Lake Eyre and succeeded in finding an important fauna of probably pliocene age North of Cooper's Creek. Professor Stirton left Adelaide in September, taking with him for further study at Berkeley many of the fossils that he had found in South Australia.

Another visitor to the Geology Department was Mr. W. A. Cassidy from the University of New Mexico, who came to Adelaide to search for meteorites, and in particular to study the tektite collection at the South Australian Museum.

Mr. E. S. Erwin, of the Washington State College, studied trace elements in animal nutrition in the C.S.I.R.O. Division of Biochemistry and General Nutrition, being technically attached for the purpose of the Scheme to the Department of Biochemistry.

In the Mechanical Engineering Department, Associate Professor E. R. Mertz, of the University of Southern California, gave a series of lectures on his special subject, the optimum design of structural sections and the use of high-strength ceramic materials for structural purposes, and lectured on vibration to postgraduate and fourth-year students.

As research into cellular structure had for some time been one of its major interests, the Biochemistry Department was particularly glad to welcome in October Dr. M. F. Utter, Associate Professor of Biochemistry in the Western Reserve University, Cleveland, Ohio. Dr. Utter is an expert on the application of isotopic techniques to biochemical research, and his experience and advice have been of very great value, especially in helping to open a most interesting new field of work.

20. GIFTS AND BEQUESTS

The gift of £50,000 by Mrs. G. Hastings to establish the Gwen Michell Foundation for development of work in the Faculty of Medicine, was the greatest single benefaction to the University for a decade. Mrs. Hastings desires the gift to be used "to assist in establishing a Department of Psychosomatic Medicine"; and that will come in due course. In the meantime Mrs. Hastings has agreed that the income from the fund shall be used to promote research in the newly-established Department of Medicine.

Mr. T. E. Barr Smith gave £13,875 to found a scholarship in Agriculture tenable at Cambridge in memory of his father, Mr. Tom Elder Barr Smith, who was for seventeen years a member of the Council and who amongst other benefactions gave £34,000 for the Barr Smith Library Building.

Miss Lily Waite, to whose death reference is made earlier in this report, bequeathed £10,000 to promote the work of the Waite Agricultural Research Institute.

Other substantial bequests were: Mrs. A. E. Hoare, £5,768 for the purposes of the Anti-Cancer Committee; Mr. W. Donnithorne, £1,590 to provide help for students in the Faculties of Law and Medicine; and Miss E. A. Davey, £1,916 for research in diseases of the human body.

21. STATUTES AND REGULATIONS

Amendments were made to clauses 2 and 10 of Chapter X, Of the Faculties; a new clause 1A was added to Chapter XXV, Miscellaneous; and clause 3 of Chapter LXII, Of the Anna Florence Booth Prize, was revised.

The regulations governing the degree of Doctor of Letters were repealed and new regulations substituted; and amendments were made to the regulations governing the degrees of Bachelor of Arts, Master of Arts, Bachelor of Science, Master of Science, Bachelor of Engineering, Bachelor of Medicine and Bachelor of Surgery, Doctor of Medicine, Master of Dental Surgery, and Doctor of Philosophy, the Diplomas in Pharmacy and Physical Education, and the Public Examinations.

22. STATISTICS.

Numbers of Students: The total number of students was 4,110, a decrease of 68 on that of the previous year. The number of students under the Commonwealth Reconstruction Training Scheme decreased from 275 in 1952 to 144; the number of civilian students increased from 3,903 to 3,966. The number pursuing full-time courses of study at the University was 1,874; of these 67 were C.R.T.S. students, 53 held Honours Bursaries and 174 Leaving Bursaries from the State Government and 704 Commonwealth Scholarships. Seventy-two part-time students held Commonwealth Scholarships; 900 members of the Adelaide Teachers' College and the Education Department had their fees demitted and 215 others received concessions in or demissions of fees, or held other Scholarships or Bursaries.

The number of under-graduates was 2,089, of non-graduating students 1,079, and of post-graduate students 397. Of the non-graduating students 105 attended from the School of Mines. At the Elder Conservatorium 433 students, of whom 19 held Scholarships tenable at the Conservatorium, studied principal subjects and 112 attended classes only.

The number of candidates studying for the B.A. degree was 556; for the M.A. degree, 17; for the D.Litt degree, 4; for the B.Ec. degree, 151; for the M.Ec. degree, 5; for the B.Sc. degree, 357; for the M.Sc. degree, 57; for the D.Sc. degree, 4; for the B.Ag.Sc. degree, 34; for the M.Ag.Sc. degree, 7; for the B.E. degree, 400; for the M.E. degree, 4; for the LL.B. degree, 66; for the LL.D. degree, 1; for the M.B., B.S. degrees, 522; for the M.D. degree, 4; for the M.S. degree, 1; for the B.D.S. degree, 65; for the M.D.S. degree, 12; for the Mus.Bac

degree, 4; for the Ph.D. degree, 59. The number of candidates for the diploma in Education was 158; for the diploma in Physical Education, 19; for the diploma in Commerce, 89; for the diploma in Public Administration, 28; for the diploma in Pharmacy, 161; for the diploma in Social Science, 40; for the diploma in Music, 34; for the diploma in Physiotherapy, 42. Ten students attended the course in Optometry.

The following figures 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	1952	1953
Arts	889	1,197(219)	1,022(40)	1,046(21)
Education	84	113(22)	162(4)	158(—)
Physical Education	—	43(5)	24(—)	19(—)
Economics	71	106(73)	128(20)	167(19)
Science	205	573(148)	405(16)	456(9)
Agricultural Science	14	52(17)	42(—)	42(—)
Engineering	297	765(213)	585(27)	530(14)
Medicine	180	515(144)	562(82)	527(47)
Dentistry	29	105(42)	82(8)	77(—)
Law	72	122(68)	75(8)	67(2)
Music (Degree and Diploma)	29	59(15)	41(1)	38(—)
Music (Conservatorium)	225	575(120)	566(8)	545(1)
Commerce	331	341(246)	153(42)	89(22)
Public Administration	46	55(39)	28(9)	37(4)
Pharmacy	82	139(30)	167(6)	161(2)
Physiotherapy	18	47(14)	39(3)	42(3)
Social Science	11	67(34)	41(—)	40(—)
Optometry	7	14(6)	9(—)	10(—)
Ph.D. Candidates			47(—)	59(—)
Totals	2,620	4,888(1,455)	4,178(275)	4,110(144)

Overseas Students: There were 120 overseas students (including 8 women) at the University. The 109 undergraduates were distributed amongst the Faculties and Boards as follows:—Medicine, 47; Engineering, 31; Arts, 3; Economics, 6; Science, 11; Agricultural Science, 1; Dentistry, 9; Social Science, 1; and Pharmacy, 1. The other 10 candidates were proceeding to higher degrees as follows: Ph.D., 4; M.Sc., 1; M.Ag.Sc., 1; Honours B.Sc., 2; Honours B.Ag.Sc., 1; Honours B.E., 1. Of these students one qualified during the year for the degree of Doctor of Philosophy and one for admission to the degree of Master of Agricultural Science, while another completed his course of study and research for the degree of Ph.D. and submitted his thesis for examination.

Sixty-one of these students came from Malaya, twenty-three from Singapore, twelve from India, two from Indonesia, nine from Ceylon, five from Hong Kong, two from Siam, and one each from Pakistan, Cyprus, Malta, Lebanon, Sumatra and Fiji.

Barr Smith Library: The total number of volumes in the Library at the end of 1953 was 175,613, accessions for the year being 7,068

volumes. The number of students enrolled as borrowers increased from 2,759 to 3,093, and they borrowed for home-reading 15,582 books (exclusive of reserved books borrowed at week-ends). The number of exempted students in the Faculty of Arts who joined the Country Lending Section was 145, and they borrowed 1,038 volumes by post. The number of volumes lent to libraries in other States increased from 595 to 702. From these libraries the Barr Smith Library borrowed 167 volumes.

Evening Lectures: Evening lectures were given in the following subjects: Accountancy I, II and III, Biology, Chemistry I, Comparative Philology, Economics II, Education, English IA, I and II, French I, Geography I, Economic Geography, Geography III, Geology I, German I and II, History IA, IC, IIA and III, International Relations, Latin I, Law I, II and III (in the Faculty of Economics), Pure Mathematics I, Philosophy I, II and Philosophy Special, Physics I, Psychology (Elementary and General), Public Finance, Social Economics and Economic Statistics I.

Department of Tutorial Classes: The Joint Committee for Tutorial Classes conducted twelve Tutorial Classes, fourteen Lecture Classes, and two Study Circles, at the University, and three Lecture Classes in the suburbs. A pre-session short course was held in the suburbs and two post-session short courses were held in Adelaide. The enrolment for these classes was 1,495 and the Tutor-in-Charge was assisted by twenty-one tutors. A seven-day residential Summer School was held at St. Ann's College, North Adelaide, and there were thirty residents. There were also many city people present at the School.

Lectures were given at Lucindale, Kingston (S.E.), Kingscote, Port Lincoln, Whyalla, Port Pirie, Barmera, Berri, Renmark, Waikerie and Loxton, and an exhibition of art was held at Minlaton.

Public Examinations: The following numbers of candidates presented themselves at the Public Examinations: 463 at the Supplementary Leaving Examination in February; 4,788 at the Intermediate Examination in November; 2,380 at the Leaving Examination in November; 428 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 1,318 entries in theory and 3,300 in practice of music, 403 in musical perception, and 18 in the art of speech.

23. ADMISSION TO DEGREES AND DIPLOMAS

Degrees were conferred and diplomas were granted as follows:

At a meeting of the Council on January 30:

Degrees of Bachelor of Medicine and Bachelor of Surgery:

Remilton, John Robert

At the Annual Commemoration on April 2:

Degree of Doctor of Philosophy:

Ad eundem gradum:

O'Connell, Daniel Patrick, Ph.D.
(Cambridge)

Degree of Bachelor of Laws:

Bednall, David Maurice
 Boylan, Francis Eugene
 Burchett, Kemer Ann
 Callaghan, John Phillip, B.A.
 Canny, Kevin Francis
 Clark, James Blyth
 Coffey, Dennison Dean
 Cox, Brian Rothwell
 Dow, Ian Baird
 Fry, Adelaide Elizabeth
 Gordon, Leslie Kenneth
 Grieve, Ian Charles

Mohr, Robert Finey
 Nickolls, Peter Michael
 O'Connor, Reginald William
 Pridham, Geoffrey Jasper
 Smith, Keith
 Stanley, Brian Charles
 Williams, Harold Richard Michael
 Wright, John Frederick
Ad eundem gradum:
 Fridman, Gerald Henry Louis,
 B.C.L. (Oxford).

Degree of Doctor of Medicine:

Barter, Robert Alexander, M.B.,
 B.S.
In absentia:
 Cheek, Donald Brook, M.B., B.S.

Ad eundem gradum:
 McCartney, James Elvins, M.D.
 (Edinburgh)
 Miles, John Arthur Reginald, M.D.
 (Cambridge)

Degrees of Bachelor of Medicine and Bachelor of Surgery:

Allen, Thomas Howard
 Ashton, Thomas James
 Basheer, Keith Cameel
 Bentley, Alan
 Brentnall, George Rex
 Browne, Noel John
 Carter, Melville Lionel
 Castle, Robert Norman
 Chappell, William Thomas
 Connor, Brian Anthony
 Davies, Norma Esther
 Doddridge, Albert Keith
 Downing, Bruce Jacob
 Evans, Kenneth Alan Greig
 Flower, Clifford James McKinnon
 Frederick, Esmond Joseph
 Fuller, William Rayner
 Gard, Jeanette Thrush Brentnall
 Gibbes, Elaine Frances Keele
 Gillen, Robert Spencer
 Halloran, Noel
 Hamden, William Callil
 Handley, Donald Alfred
 Harbison, Peter Alan
 Harris, Digby Ian
 Harris, James Dunbar
 Harwood, John William
 Hoile, Edward Murray
 Horton, Robert Ralph
 Ireland, Graham Malcolm
 Jorgensen, Donald Murray
 Kalinovsky, Galina
 Kalinovsky, Peter Victor
 Kneebone, Garry Malcolm

Law Smith, David Gordon
 Lindon, Marten Edward
 McKenna, Keith Patrick
 Macbeth, William Andrew Alexander Greer
 Maguire, Maurice Glen
 Markey, Gregory Barton
 Marshall, Janette Ruth Watson
 Meldrum, Brian Reginald
 Mill, James Crowe Davidson
 Murray, Donald Bruce Seymour
 Nairn, Donald Elwyn
 Nankivell, Shirley Dawn
 Paull, Colin Gordon
 Pike, Geoffrey Howard
 Pyne, Remington John
 Riddell, Frank Scouler
 Riley, John
 Robertson, Thorburn Stirling
 Brailsford, B.Sc.
 Sando, Maurice James Wilson
 Sladdin, John Naulty
 Smith, John Wasley
 Stockbridge, John Keith
 Stoutjesdijk, Albert Diederik Johan
 Sweeney, Robert James
 Tipping, Richard Michael
 Tonkin, David Oliver
 Torr, Thomas Harold
 Tymons, Frances Teresa
 Watson, Arthur John
 Watson, Kenneth Graham
 Westphalen, Kenneth John
 Wighton, Dugald Craven

Degree of Master of Dental Surgery:

Frayne, Harold Bruce, B.D.S.
 Robertson, Kenneth James, B.D.S.

Willoughby, Roger George, B.D.S.

Degree of Doctor of Philosophy:*Ad eundem gradum:*

Van Abbe, Derek Maurice, Ph.D.
(Melbourne)

Degree of Master of Arts:*Ad eundem gradum:*

Bush, Lilian, M.A. (Edinburgh)
Davies, Myfyr Bryn, M.A.
(Oxford)

Place, Ullin Thomas, M.A.
(Oxford)
Shinkfield, Cecil Charles, M.A.
(Cambridge)

Honours Degree of Bachelor of Arts:*In English Language and Literature:*

Goodenough, Warwick William
Greet, Frank Hamilton

Tregenza, John Miller

In Political Science and History:

Hayward, Thomas Ronald, B.Ec.
Reid, Robert Leighton

Wadham, Elizabeth Jean

In Economics:

Sutton, Laura Margaret

In Philosophy:

Ellis, Brian David, B.Sc.

Degree of Bachelor of Arts:

Arcus, Wesley John
Balmer, Jean Jacques
Boehm, Walter Gotthilf
Charlesworth, George Harvey
Correll, Shirley Edith
Daly, Lewis John
Dyster, Thomas
Fergusson, George Robert
Flaherty, Anna Theresa
Fletcher, Ann Willoughby
Gale, Margaret Jean
Galvin, Selma Ruth
Goldsworthy, Arthur Clive, LL.B.
(Sydney)
Haden, John Forbes
Kilmier, Betty Margaret
Lamborne, Maxwell Addison
Lawton, Ralph Stanley
Lockyer, Kathleen Elaine
McLay, Andrew Harold
Martin, Jeanne Mary
Matheson, Roderick Grant

Meyer, Richard Leo
Miraglia, Carlotta Rosina
Mudge, Margaret
Mueller, Dorothy Concordia
Mune, Marie Elizabeth
Neely, Mary Boyd Woodburn
Paice, William Osborne
Purslow, Martin
Roberts, John Desmond
Sage, Harold Robert
Sarre, Winifred Grace
Schuetz, Harold Edwin
Smallacombe, Roy Frederick
Smith, Ivan Ford
Stodart, Barbara Joan
Taylor, Jennifer Ann
Thomas, Kenneth Donald
Tothill, Judith Windebank
Wells, Margaret Suzanne
White, Stanley Noel
Wills, Lindsay Arthur
Winton, Berna Kathleen

Ad eundem gradum:

Dutton, Geoffrey Piers Henry, B.A.
(Oxford)

Degree of Master of Economics:

Grant, John McBain, B.Ec.

Sturmey, Stanley George, B.Ec.

Honours Degree of Bachelor of Economics:

Gibbs, Graham Rossiter

Griggs, Robert Leslie, B.Ec.

Degree of Bachelor of Economics:

Branson, Colin William
 Hodan, Miroslav
 Howlett, Philip Thomas Michael,
 M.A.
 Mitchell, John Turnbull

Thomas, Kenneth Hewitson
Ad eundem gradum:
 Mathews, Russell Lloyd, B.Com.
 (Melbourne)

Degree of Doctor of Science:

Stoate, Theodore Norman, M.Sc.

Degree of Doctor of Philosophy:

Hossfeld, Paul Samuel, M.Sc.
 Robertson, William Godfrey
 Pitcher, M.Sc.

Saksena, Hari Krishna, M.Sc.
 (Allahabad)
 Spencer, Donald, B.Sc. (Sydney)

Ad eundem gradum:

Jeffries, Philip Reid, Ph.D.
 (Sheffield)

Degree of Master of Science:

Bain, Robert Vernon Stewart,
 B.V.Sc. (Sydney)
 Chartres, Bruce Aylwin, B.Sc.
 Davies, Rodney Dean, B.Sc.
 Leach, Ronald Hubert, B.Sc.
 Michael, James Henry, B.Sc.

Rankine, Bryce Crossley, B.Sc.
 Taylor, Geoffrey Hamlet, B.Sc.
 (Melbourne)
 Williams, Roy Ernest, B.Sc.
 (Sydney)

*Honours Degree of Bachelor of Science:**In Mathematics:*

Baker, Irvine Noel

Wilkinson, Graham Neil

In Physics:

Brown, Roger Norman, B.Sc.
 Catchpoole, John Roger, B.Sc.
 Hall, Barbara Isabelle Herbert,
 B.Sc.

McCarthy, Ian Ellery, B.Sc.
 Macklin, William Charles, B.Sc.
 Wheaton, Russell Norman, B.Sc.

In Chemistry:

Buttery, Ronald Gordon, B.Sc.
 Hobden, Joan Frances, B.Sc.
 Martin, Keith George, B.Sc.

Milligan, Brian, B.Sc.
 Turner, Keven James, B.Sc.
 Walker, Ian Saville, B.Sc.

In Geology:

Daily, Brian, B.Sc.
 Forbes, Bryan George, B.Sc.
 Leslie, Robert Bradshaw, B.Sc.
 Miller, Peter Geoffrey, B.Sc.
 Pratten, Raymond Douglas, B.Sc.

Wade, Mary Julia, B.Sc.
 White, Allan James Risely, B.Sc.
 Woodard, Geoffrey Davidson,
 B.Sc.

In Biochemistry:

Hunt, Arnold Leighton, B.Sc.

Ladd, Jeffrey Norman, B.Sc.

In Physiology:

Dunlop, Colin Wesley, B.Sc.

In Genetics:

Martin, Peter Gordon

Degree of Bachelor of Science:

Ames, Peter Geoffrey
 Anderson, Alex Gordon
 Best, Effie Deland
 Bowey, Allan Edgar
 Brice, Helen Elizabeth
 Bullas, Leonard Raymond
 Butler, Deirdre Brigid

Chinner, Graham Alan
 Christie, Basil James Frederick
 Cole, Anthony Haslam
 Dew, Ian Albert
 Elford, Malcolm Thomas
 Goodrich, Roy Stanley
 Green, John William

Hamann, Keith Maurice
 Haslam, Denise Allison
 Heuer, Powell Max
 Jolly, Dennis Rawson Penfold
 Keech, Donald Bruce
 Klauss, Cynthia Beaumont
 Korytnyk Wsewolod
 Lamphee, Catherine Elspeth
 Linke, John William
 McGee, Colin Raymond
 McKelvie, Donald
 McNally, John Neilson
 McNicol, John Howard
 Maddern, Max Wilfred
 Madigan, Michael Roeburn, M.B.,
 B.S.
 Mullner, Judith Anne

Murray, Eric Lionel
 Nogare, Ronald Raphael Dalle
 Northey, Helen Louise
 Paterson, Ross
 Pfeiffer, Edgar Reginald
 Porter, Reginald Bernard
 Prest, David Harris
 Rees, John David
 Sasse, Wolfgang Hermann Fritz
 Scriven, Wilton Maxwell
 Shepherd, Reginald George
 Shepley, Estelle Ann
 Stephens, John Felton
 Thompson, Malcolm James
 Tiller, Kevin George
 Whiting, Peter Arthur
 Williams, George Mervyn

Degree of Master of Agricultural Science:

Madge, Paul Edward, B.Ag.Sc.
 (Cal. S.P.C.)

Spurling, Milton Bernard, B.Ag.Sc.

Honours Degree of Bachelor of Agricultural Science:

In Genetics:

Hayman, David Lindsay

Degree of Bachelor of Agricultural Science:

Cuthbertson, Kenneth John Mac-
 Kenzie
 Davidson, James Logie
 Jefferies, Brian Crossley
 Linklater, Peter Munro

Oram, Rex Neville
 Pearce, Trevor Sandison
 Pritchard, Robert Keith
 Tideman, Arthur Frederick
 Waterhouse, Edward John

Honours Degree of Bachelor of Engineering:

In Civil Engineering:

Murray, Noel William, B.E.

In Electrical Engineering:

Broadbent, Henry Neil Gribble,
 B.E.
 De Cean, Neil, B.E.

Rice, William Mitton
 Ross, Sydney George Frederick,
 B.E.

Degree of Bachelor of Engineering:

In Architectural Engineering:

Breakey, Angus James
 Haddrick, Peter Donald
 Hocking, Kevin
 Pudney, Colin William

Richardson, Robert William
 Roberts, Richard Leslie
 Tolcher, Vernon Arthur
 Vogt, Brian Joseph

In Civil Engineering:

Boord, Leslie
 Giles, Peter Mortimer
 Good, Richard John
 Guerin, Ronald St. Clair
 Harley, David George

Hibbert, Kevin Malcolm
 Lohmeyer, Rex Howard
 Moten, Brian Leslie
 Penn, John Halbert
 Wilhelm, Walter Gerhard

In Electrical Engineering:

Broughton, Rodney Whitfield-
 Smith
 Fahy, Frederick Edward
 Graebner, David Carl

Hayward, John
 McCormick, Charles William Diehl
 Mackie, James Joseph
 Packer, John Stuart

Palmer, Robert Hale
 Reynolds, James Alan
 Rodger, John Geoffrey
 Slater, Allan
 Tonkin, Donald Geoffrey

Walters, Francis Victor Charles
 Whitford, Desmond Joseph
 Williamson, Arthur Edward
 Wright, Russell Francis

In Mechanical Engineering:

Crook, Walter Ralph
 Dudley, Keith
 Harry, Grant Varley
 Herzog, Paul
 Higgins, Alan Leslie
 Linklater, Rodney Munro

Murray, John Dunmore
 Nienaber, Blair
 Tostevin, Graham Mark
 Watson, Brian
 Webb, Kenneth Alfred

In Metallurgical and Chemical Engineering:

Draper, Neil
 Hamdorf, Clifton John
 Hawes, Brian Richard Albert
 McFarlane, Alan

Mallen, Arthur Lindsay
 Mann, Edward Thomas
 Opie, Alan James
 Searson, William George

In Mining Engineering:

Mathews, Kenneth Elliott
 Neuenkirchen, John Basil
 Paholski, Francis Edmond

Palmer, Raymond Amos
 Pfitzner, Leo Wilkin

Degree of Bachelor of Music:

Gordon, John Murray

Diploma in Secondary Education:

Biele, Keith William, B.Ec.
 Dennis, Alan Henry, B.A.
 Gibson, Graham Coyne, B.A.
 Hansberry, Mary Estelle, B.Sc.
 Martin, Alfred William, B.A.
 Peters, George Francis, B.Sc.
 Provis, Douglas Franklin, B.Sc.
 Radcliffe, Sheila, B.A.

Richards, William Edward, B.A.
 Roehrs, Herma Erika, B.A.
 Simpson, Penelope Margaret, B.Sc.
 Smith, Joan Frances, B.A.
 Treasure, Valda Beth, B.A.
 Ward, Margaret Kennings, B.A.
 Wilksch, Betty Ruth, B.A.

Diploma in Primary Education:

Nietz, Arno Oscar, B.A.
 Pearce, Alfred Moreton, B.A.
 Pennicott, Ralph William

Wallace, Francis Joseph
 Wayne-Smith, Reginald John

Diploma in Arts and Education:

Andrews, Rosemary Alison
 Bridgland, Margot Elizabeth
 Clancy, Peter Allan
 Coombs, Ruby Rachel
 Cross, Jack
 Davey, Kenneth Llewellyn James
 Dunbar, Harry Edward
 Esselbach, Rodney
 Evans, Peter
 Galvin, Patrick John
 Hughes, John
 Jenkin, Robert Haydon
 Jones, Helen Margaret
 Lodge, John Kenneth Hyde
 Longbottom, Maxwell Ernest
 Moore, Eric Claude
 Morrison, John Colin

Murray, Heather Jean
 Nottle, Geoffrey Edward
 Opie, Roderick Preston
 Pierson, Robert Arthur
 Pitman, Hartley Kenneth
 Poke, Alison Rae
 Ramsay-Matthews, Jean
 Rendell, Rosemary Anne
 Schulz, Clifford Rupert
 Searle, Vera Katherine
 Smith, Maxwell John
 Stocker, Reginald Henry
 Stone, Victor Oxford
 Trebilcock, David
 Webber, Ian James
 White, Emily Alice

Diploma in Commerce:

Arbon, Jack Fulton
 Bice, Roy George
 Carter, Alan Keith
 Clarke, John Harding
 Collett, Keith Lancelot
 Dahlenberg, Robert Louis
 Davey, John Vernon
 Duncan, John Bayfield
 Eriksen, Theodore Henry
 Gubbins, Geoffrey Garfield
 Haynes, Stanley Gordon
 Hiddle, Eugene Hayes

Hosking, Kathleen Valerie
 John, Brian
 Johns, Darby Richard
 Lucas, Francis James
 Mack, Jack Hamilton
 Mead, John William, B.Ec.
 Roberts, Ronald Theodore
 Smith, Leslie Hamilton
 Soar, Dudley Turner, B.Ec.
 Soar, Harold Arnold
 Stoner, Ross Arthur
 Williams, Gilbert Raymond

Diploma in Public Administration:

Adams, John Clifford
 Collett, Kenneth James
 Griffin, Ray Edwin
 Johnson, Maxwell Colin

Menear, Ira, B.A.
 Roberts, John William
 Wharldall, Lancelot Arthur

Diploma in Pharmacy:

Ardill, David Anthony
 Ball, Gerald Benjamin
 Billing, Robert Heaton
 Cheek, Robert
 Coles, Herbert Desmond
 Cracknell, John James
 Crowley, Frank Noah
 Davies, Jonathan
 Davis, John Lloyd
 Dent, Athlea Ada Lorraine
 Dixon, John Miller
 Everett, John Kingsley
 Flood, John Warden
 Garrett, Philip Douglas
 Holder, Reuben Clement
 Hunt, Laurence August

Kean, Christopher James
 Mudie, Stuart Mayelston
 Phillips, Yvonne Ruth
 Philp, Harold John
 Pickering, John Ronald
 Porra, Robert John
 Ramsay, Maxwell George
 Rosewall, Robert Walker
 Schocroft, John Charles
 Simcock, Gerald Cyril
 Sweet, Ronald Langdon
 Thompson, Donald Bruce
 Weller, Reginald Lancelot Elon
 Wescombe, Peter George
 Worthington, Ralph Henry
 Wurm, Peter Sinclair

Diploma in Music:

Lodge, Elizabeth Florence
 Cranston

White, Elizabeth Alice

Diploma in Physical Education:

Astley, Margaret Helen
 Duffield, Valma Jean

Watson, Margaret

Diploma in Social Science:

Carlton, Eileen Grace Sally
 Cuthbertson, Grace Joy
 McPherson, Margaret Helen
 Marsden, Elizabeth Ann

Perrins, Pamela Aileen
 Sard, Helen Riddoch
 Serradura, Anthony Alexander
 Tothill, Judith Windebank

Diploma in Physiotherapy:

Follett, David James

At a meeting of the Council on June 26:

Degrees of Bachelor of Medicine and Bachelor of Surgery:

Bowden, Wallace Auckland
 Carden, David
 Cunningham, Mark Laurence
 Glesinger, Marianne Antonie
 Hansberry, Gerald Maxwell
 Hoff, Lothar Clemens
 Linn, John Malcolm

McDonald, Hugh Thomas
 Marshman, Ian
 Moffatt, Cathie Douglas
 Moffatt, Jeannie May Douglas
 Pfitzner, Murray Ackland
 Smith, Rayner Whitmore
 Whitehouse, Joseph Chenoweth

*Degree of Master of Arts:**Ad eundem gradum:*

Scott, Michael Arthur MacDonald,
M.Sc. (Natl. Univ. of Ireland)

Degree of Bachelor of Arts:

O'Sullivan, John Joseph

Degree of Doctor of Philosophy:

Singh, Rajendra, B.E. (Calcutta)

Honours Degree of Bachelor of Engineering:

Griffin, Donald Ward

Degree of Bachelor of Engineering:

Morgan, John Philip

Diploma in Arts and Education:

Wright, Florence Maude

Diploma in Music:

Shipway, Margaret Elizabeth

Diploma in Social Science:

Fong, Yin Kam

Pope, Kathlyn Hilary, B.A.

At a meeting of the Council on December 18:

Degree of Bachelor of Laws:

Nichols, Ian Andrew, B.A.

Degrees of Bachelor of Medicine and Bachelor of Surgery:

Andrew, Ronald Headland

Mackie, Dean Graham

Benson, Colin John

Nairn, Mary Beatrice

Benson, Richard Neville

Pearcy, Lyn Harley Draper

Campbell, Ian George

Shub, Samuel

Childs, Peter Anthony

Smith, Lynden Rae Forbes-

Cook, Hugh David

Stubber, Leo Anthony

Fitzpatrick, Alan Harding

Toussaint, Rose Evangeline

Gaston, Walter Garfield

Trebilcock, Gerald Bungey

Harrold, Colin Morse

Tunbridge, Peter Brett

Hurst, Peter Edwin

Whitford, Raymond Frank

Jeanes, Brian Hamilton

Degree of Bachelor of Dental Surgery:

Berry, Thomas Bruce

Kryvoviaza, Jaroslaw

Fox, David Michael

McDonald, Peter de Paul

Harman, Lewis Clive

Munday, Malcolm Joseph

Kidd, Rowland James

Pettit, Garth Derwood

Kimber, Richard John

Wark, Bruce Goodman

*Honours Degree of Bachelor of Arts:**In History and Political Science:*

Lawrence, Robert John

*Degree of Bachelor of Engineering:**Ad eundem gradum:*

Bull, Frank Bertram, M.A. (Cambridge), B.Sc. (London)

Diploma in Social Science:

Lawrence, Robert John

Diploma in Physiotherapy:

Ashton, Barbara Jean
Brady, Kevin James
Graham, Ronald Kirkwood
Gray, Gary Colin
Jamieson, June Edna
Juttner, Susan Elizabeth

Klutke, Eric Willi
McCandless, Rosalind Elizabeth
Wall, Ellen Winifred
Waterhouse, Jane Hardey
Wood, Judith Mary

24. ACCOUNTS

An abstract, duly audited, of the income and expenditure during the year 1953 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 1953.

Signed on behalf of the Council,

J. MELLIS NAPIER,
Chancellor.

Adelaide,
31st May, 1954.

REPORTS OF THE COLLEGES

1. ST. MARK'S COLLEGE

The outstanding event of the year for all the Colleges was the holding in August of the second All-Australian Conference of University College Principals. Twenty-five Principals representing twenty-five Colleges and about two thousand resident students attended from Canberra and all the States, and were accommodated in the four Adelaide Colleges. The Conference elected the Master of St. Mark's Chairman. Important papers were read and much valuable information was exchanged. The Visitor of the University (His Excellency the Governor), the Chancellor, the University Staff Club and the Lord Mayor gave receptions to the delegates. It is a splendid tribute to the recent and great growth of the University Colleges in Adelaide that they could act as hosts to a most successful All-Australian Conference.

St. Mark's itself experienced one of the most important years in its history. The College purchased, and almost paid off, the very fine adjoining property owned by the late Dr. A. S. Randell. Mrs. Grenfell Price gave £4,000 and the late Mrs. C. W. Hayward £1,000 towards the purchase; Miss R. R. Love gave £1,000 to the Collegians' Appeal which produced £4,000; and a fete conducted by Collegians and friends of the College raised £3,600. The purchase enabled the Council to reorganise the administration of the College in adequate offices, to provide an attractive Master's Lodge and Senior Common Room, and to provide accommodation for 107 resident seniors and juniors. Many minor improvements will be undertaken in the near future, and while these are being done, preparations will be made to carry forward step by step the complete plan for a College of 175 residents.

For both senior and junior members the year was one of success in work and other activities. The Federal Government appointed the Master, Dr. Grenfell Price, to the Chairmanship of the Advisory Board of the Commonwealth Literary Fund, and Mr. M. P. Alpers gained the first award of the very valuable Makin Scholarship to Caius College, Cambridge. No fewer than twelve members secured the M.B., B.S. degree, while the results in other years and Faculties were equally creditable to the twenty College tutors. In University activities Mr. J. H. Cole edited "On Dit" with success and unusual tranquillity. The Vice-Master, Mr. R. B. Lewis, continued his work as President of the Sports Association; six members of the College gained seats in the University VIII and three played in the Adelaide XI which defeated Melbourne University.

In finance St. Mark's again covered expenses in spite of increased costs. To do so, however, the Council was forced to exercise the utmost economy, to raise slightly the fees (which remain, however, below those of the Melbourne Colleges), and to rely upon Federal and University help, for which the College and its members are deeply grateful.

2. ST. ANN'S COLLEGE

In 1953 all available accommodation, for 47 students, was occupied throughout the year; in 1954 the whole of No. 298 Melbourne Street will be available, thus providing residence for five more students. The need of a common-room large enough to hold a full assembly of students was satisfied by the conversion of one of the rooms at 191 Brougham Place.

The College recognises and warmly appreciates the value of the University's annual award of five scholarships which make residence in College available to students for whom it would be otherwise financially impossible, and of its administration of the Commonwealth grant which has permitted the College to continue without raising fees.

The work of the College's tutors and of those of the other Colleges whose tutorials were shared was greatly appreciated, and the examination results of St. Ann's students were good. Top credits were gained in five subjects, and second credits in seven, and a St. Ann's student was awarded the M. George Rees prize for French.

St. Ann's students took part in the activities of a variety of University clubs and societies, served in many committees, and filled the offices of President of the Women's Union and Organising Secretary of the N.U.A.S. Drama Festival. One was chosen to be a member of the Australian Universities Women's Basketball team.

The College records with great regret the death in May of Mr. R. H. Chapman, who had been a member of its Council for over eight years and as Chairman of its Finance Committee had shown a sympathetic understanding and given invaluable guidance through the early years of growth.

During the Conference of the Heads of the University Colleges of Australia St. Ann's entertained the Principals of the Women's Colleges from Sydney, Melbourne, Perth and Hobart. At the same time, eight of the women delegates to the Conference of the Australian Universities Modern Languages Association stayed in College; and in January the Department of Tutorial Classes again used the College for its Summer School. Other visitors were: Dr. Harriet Creighton, Fulbright Scholar and Professor of Botany at Wellesley College, Massachusetts; Miss Margaret Thornhill, Fulbright Scholar and Social worker from Milwaukee; Dr. Mary Murphy, economist; and Mrs. Deiches, of the University of Los Angeles; Mrs. Van Wagener Tufty, journalist, of Washington; Miss G. Dever, educationist, of New York; Mr. Craig and Mr. Mellor, Registrars of the Universities of Malaya and Hong Kong; Dr. Frances Moran, Professor of Law in the University of Dublin and ex-President of the Federation of University Women; and Miss Margaret Hubbard, of Sommerville College, Oxford.

St. Ann's financial situation is sound. The Council is grateful for donations and for the fund-raising efforts of the Foundation Committee and of the Old Collegians' Association which provided the furnishing of the new Common-room.

Buildings and equipment were maintained in sound working order through a considerable outlay, and further expenditure is being planned.

3. AQUINAS COLLEGE

The year 1953 opened with 64 students, an increase of 14 over the 1952 figure. These students represented four States of the Commonwealth, India, Malaya, Hong Kong, and the United States. To cope with this growing demand for College residence, a new property at 24 Palmer Place, formerly belonging to the Honourable C. R. Cudmore, M.L.C., was purchased in March for the sum of £14,500. During the course of the year, extensive alterations costing approximately £4,000 were made to it, more adequate kitchen, dining-room, chapel and common-room space and half-a-dozen staff rooms being thus provided and the College being enabled to accommodate a maximum number of 70 students in 1954.

Aquinas continued to co-operate with the other Colleges during the year in providing a full course of tutorials for both resident and non-resident students, fifteen tutors being employed for the purpose.

College residents took a full part in University activities during the year, being active in the S.R.C., various Societies and sporting clubs. There were representatives from the College in each of the University Rugby, Soccer, Football and Hockey A teams as well as in the various junior teams, while each Saturday the College fielded a Rugby team which played in the B Grade competition.

In the Inter-Collegiate games the College fielded a team in Football, Rugby and Tennis, and entered an Eight in the Boat Race.

Inside the College the Students' Club sponsored talks by visiting guest speakers one night each week during the first two terms. These talks, on general cultural topics, were followed with great interest by the students.

The College is grateful for the substantial financial help it received during the year from the Commonwealth Grant, the University Scholarship scheme, and a very loyal and hard-working Women's Auxiliary. Without that help it would not have been able to expand as it has done in the past twelve months.

The College wishes to place on record its appreciation of the friendly co-operative attitude of the other Colleges and the University authorities, which has been of so much help during these four first years of its existence.

4. LINCOLN COLLEGE

Lincoln College happily completed its second year of working, during which residence was provided for 58 graduates and undergraduates. Among the members of College were Dr. H. H. G. Jellinek and, for the first term, Dr. J. P. Riches. The undergraduates have greatly appreciated the presence of these senior members of the University Staff in College.

During the long vacation preceding the opening of the academic year, alterations were made in the building Nos. 34 and 37 Brougham

Place to enable the College to be enlarged. Extensions during the present long vacation will increase the accommodation to between 65 and 70 students, in addition to an enlargement of the dining hall, the building of a Chapel, and extension of the kitchen and domestic quarters.

Of the students in residence the majority were from South Australia, but in addition there were 10 Western Australian students reading for medicine, and 14 students from overseas. Daily Chapel services were well attended by the Christian students in College.

Once again the combining of classes with those of other Colleges in our tutorial system was harmoniously effected and greatly appreciated. We extend our thanks to St. Mark's, St. Ann's and Aquinas Colleges for assistance given during the year.

In inter-collegiate activities, Lincoln has taken its full part with a measure of success. Members of the College have played in University sports teams and taken their place in University activities generally.

The results of the annual examinations were eminently satisfactory. No fewer than 18 students gained credits in one or more subjects, while the supplementary examinations should give a total result of passes in 90 per cent. of subjects presented for examination.

The Council of the College once again records its thanks to the University authorities for the service of the nominees of its Council on the College Council, its provision of scholarships, and its willingness to continue the administration of the Commonwealth grant. With this help it has been possible to complete this year without any deficiency on the working account of the College.

COMMEMORATION ADDRESSES

The Annual Commemoration was held on Wednesday, March 31, 1954. The Chancellor, in opening the proceedings, said:

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

Before I speak of other things, I wish to thank Your Excellency for again honouring us with your presence at this ceremony. It is unnecessary to repeat what I said last year, but I should like to add an expression of our appreciation of the interest that you and Lady George have already shown in the University and its work.

Next, I wish to offer a very cordial welcome to the Honourable the Premier and the Honourable the Minister of Education and, in doing so, to acknowledge our indebtedness to the Government of the State for the continued support and assistance that we have received, and for the understanding with which we have been met through a period of sharply rising costs and financial needs.

In looking back over the past year, the event that must necessarily stand out is the visit to this Commonwealth of Her Majesty the Queen. It is a matter for regret that neither Her Majesty nor His Royal Highness was able to visit the University during their brief stay in this State. This was considered impracticable without adding to the heavy burden imposed upon Her Majesty by the exigencies of Her Royal Progress through her Dominions. In these circumstances, we were obliged to content ourselves with an expression of our loyalty and devotion, and of our hope that, on some future occasion, we—or those who come after us—may be accorded the privilege which could not be granted now.

Next I must refer to changes in the constitution of the Council. By the untimely death of Mr. R. H. Chapman, C.M.G., the State has lost a worthy citizen and a good servant. We remember him, not only as the son of the late Sir Robert Chapman—*clarum et venerabile nomen*—but also as a good friend, and for 20 years a valued mentor. Much the same might be said of Sir Edmund Britten Jones, whose death at the age of 64 came close upon the knighthood which was announced in the New Years Honours List of 1953. In 1912 Sir Edmund was the South Australian Rhodes Scholar; and his record—at Oxford and in later life—more than justified his selection. He had been a member of the Council for nearly ten years.

These vacancies have been filled by the election, in the first case of Professor Huxley, and in the second of Mr. I. B. Jose, M.C.

I record also the election of Mr. W. M. C. Symonds as successor to Mr. R. A. West, O.B.E., who retired towards the end of the year. I know that I am voicing the feelings of the Council when I make public acknowledgment of our gratitude to Mr. West for more than 20 years of loyal and valued service to the University.

In addition there have been changes in the Parliamentary members, the Hon. L. H. Densley, Mr. J. S. Clark, M.P., and Mr. J. L. Travers, M.P., being appointed to replace the Hon. C. R. Cudmore, Mr. C. D. Hutchens, M.P., and Mr. Baden Pattinson, M.P.

In speaking for the University to thank the retiring, and to welcome all these incoming members, I should like to give public expression to our congratulations to the last-named, upon his appointment as Minister of Education. He has, of course, other qualifications for that high and responsible office, but as a graduate of this University, and for, I think, six years a member of our Council—we are entitled to feel a sense of special satisfaction in the appointment.

Whilst I am speaking of the Council, I must refer to the retirement of Sir William Goodman from the office of Chairman of the Finance Committee. This is, of course, a key position in the University. The duties are onerous as well as responsible, and over the years it has been our good fortune to find a succession of public-minded citizens able and willing to undertake the task. It is 18 years since Sir William Goodman was appointed to this office in succession to the late Sir Walter Young, and, now that the time has come to acknowledge Sir William's long and devoted service, I congratulate the University upon being able to secure Mr. K. A. Wills, C.B.E., M.C., to fill the vacancy.

By the death of John McKellar Stewart the University has lost one for whom we retain a warm sense of gratitude. He was appointed to the Hughes Chair of Philosophy in 1923, and on his retirement in 1950 was made Emeritus Professor. In addition he served the University as Deputy Vice-Chancellor from 1943 to 1945 and as Vice-Chancellor 1945 to 1948.

With the growth of the University it seemed to the Council that the time had come for a reorganization of the Education Committee, which in this University has taken the place occupied elsewhere by the Professorial Board. Under the new arrangement the Committee will be assimilated to a Professorial Board insofar as the Chairman will be elected by the Committee from time to time, in lieu of the former practice by which the chair was taken by the Chancellor, or, in his absence, by the Vice-Chancellor. We are, however, retaining the liaison between the Committee and the Council by appointing members of the Council to sit on the Committee. This has worked well in the past, but the new arrangement will bring our practice nearer to conformity with the practice elsewhere, and it should relieve the Council to some extent, by separating matters of entirely academic concern from the broader questions of policy.

For details of the changes in our Staff occurring during the past year I must refer to the Annual Report, but I might summarize the position by saying that, during the year, nine new members took up duty, and eight others were appointed. Of these seven were new posts, the other new appointments being made as replacements. I regard this as an indication of a healthy movement to other universities, where several of our staff have gone to fill posts of higher status than those held with us.

There are, however, three new appointments that call for special notice. The first is consequent upon the division of the Department of History and Political Science. In most English-speaking universities of our size, this division has been the practice for a generation or more.

It is nearly 30 years since Professor (now Sir Keith) Hancock was appointed to our Chair of History. During his occupancy of our Chair, and, more particularly on his resignation, in 1933, he called the attention of the Council to the desirability of making provision for the teaching of Political Science. Acting upon his urgent recommendation the title of the Chair was changed to "Political Science and History", before Professor Portus was appointed to it in 1934. For years past there has been a substantial unanimity of opinion in the Faculty that, having regard to the importance of the subjects and to the size of the University, the time was ripe for a separation of the chairs and departments. Acceding to these representations, the Council has now been able to make the division. Professor Duncan, who succeeded Professor Portus in 1951, will occupy the Chair of Politics, and Mr. Hugh Stretton has been appointed to the Chair of History.

In this connection it may be as well to leave no room for any misunderstanding as to the significance of the title of the "Chair of Politics". That title has been adopted in deference to the practice in other universities, and upon the recommendation of the Faculty and the Education Committee. In this context the word "Politics" is used in its primary and proper meaning—"the science and art of government: the science dealing with the form, organization and administration of states and with the regulation of their relations to one another." Neither the Chair nor the University is concerned with party polemics or the controversial issues that arise from day to day. We value our academic freedom, and the converse of that is that—as a University—we take no part in "politics", if that word is used in its more popular sense.

We have, I believe, every reason to feel satisfied with the appointment to the Chair of History. Mr. Hugh Stretton is the Dean of Balliol College, Oxford. Like Sir Keith Hancock he is a Victorian and a Rhodes Scholar.

The second appointment, to which I would refer, is to the new Chair of Inorganic and Physical Chemistry. The increasing importance of chemistry in our economic structure, and the growth of the department, have justified the establishment of this Chair in lieu of the "Readership" with which we had formerly been content. The new chair has been filled by the appointment of Dr. D. O. Jordan, formerly Reader in Physical Chemistry in, and a member of the Council of, the University of Nottingham.

The third appointment is the recently announced appointment of Mr. C. M. Donald as the Waite Professor of Agriculture to fill the vacancy caused by the resignation of Professor Trumble. Professor Donald and his work are well known in South Australia, and I believe that his appointment has been received with general satisfaction.

We offer a very sincere welcome to these and the other newcomers to our staff.

An important event in the academic year was the Conference of the Universities of the British Commonwealth, which was held at Cambridge in July last. This University was represented by the Vice-

Chancellor, the Assistant Registrar (Mr. V. A. Edgeloe), Mr. Hannan, Q.C., and Professors Wood and Goldby. (It may be remembered that Professor Goldby was formerly our Elder Professor of Anatomy, and left us on his appointment to a chair in the University of London.) In addition to attending the conference it was arranged that the three first-named should visit various universities in the United Kingdom and, in the case of the Assistant Registrar, in America. The Council has had the advantage of their reports on questions in which this University is interested.

It would appear that the problem, with which the provincial Universities of Great Britain are mainly concerned at the present time, is the problem to which our attention has been directed in recent years. This is the question to which I referred in the Commemoration Address of 1950, namely, the "grave weakness in our organization, the lack of facilities for a communal or corporate life", to offset the increasing and inevitable tendency towards specialization in University education. In his report to the University of Birmingham, for the year 1952, the Vice-Chancellor of that University makes an observation that is worth repeating:—

"No university is worthy of the name if its students in their undergraduate days do not become aware that the values impressed on them by a scientific training are by no means universally valid. There are other values, moral and emotional, aesthetic and philosophic, which such a discipline can not impart. To understand them is vitally important for a full life, and the malaises of the modern world, which if not acknowledged are widely felt—its materialism, its blindness to beauty, its lack of faith in the future—can all be attributed to the absence of such understanding. To impart it is certainly a prime duty of universities, but the problem of doing so is not susceptible of an easy or uniform solution. University curricula are now more crowded, pressure on students' time more intense, than they were in the old days."

This is the idea behind an experiment which is being tried out in the University of Adelaide, namely, a course of weekly lectures, styled "History of Thought". These were given last year as a course designed for an audience coming from different faculties, and delivered by different departments within the faculties. The lectures are designed primarily for Honours Arts, Honours Science, and Third-year Medical students. The Science students are required, and the others are encouraged, to attend them. They are open to the public and many women graduates, in particular, have attended them.

It is, perhaps, too soon to express any firm opinion upon the results achieved, but my impression is that this is a move in the right direction. My hope is that the experiment will be thoroughly tried out, and that the results will justify the establishment of this—or some similar—course as a regular feature of our University life. But I doubt whether anyone would regard it as doing more than touch the fringe of the problem to which I have referred.

As I see it, this is neither more nor less than a particular aspect of the problem which civilisation will have to face, if it is to carry on. "Get wisdom," says Solomon, "and with all your getting get understanding." The best—if not the only—way to do that is to mix with people with different interests and problems, and to know what they are trying to do and what they think. It appears that there is wide agreement among British universities that the best solution to their problem is to have students in halls of residence for at least half of their undergraduate years. To quote, once more, from the report by the Vice-Chancellor of Birmingham:—

"Residence in hall promotes a cross-fertilization of ideas between students undergoing different disciplines and acquiring different outlooks; and it encourages informal contacts of students with staff, of immature with mature minds, of young men and women in search of values with others who have found them. It breeds better than any other single influence the civic sense, the community spirit, without which nations and societies inevitably decline."

Our experience of residential colleges in Australia—and in particular of our affiliated colleges—gives ample confirmation of this view, although we should express a definite preference for residential colleges established under religious auspices, but not restricted to members of particular denominations. From time to time, in the course of these addresses, I have referred to the service which our affiliated colleges are rendering to the University and to the cause of education. My hope is that we have not yet exhausted the possibilities in that connection, and—as I have said before—a good way of helping the University at the present time is by helping and supporting our colleges. But in Australia, as in Britain, we have to recognise that the provision of residence in College or Hall for anything like our present student population is far beyond our means.

In these circumstances our attention has been directed to less ambitious ways in which it should be possible to give the general body of our students an opportunity for the contact and fellowship which is implied in the idea of "universitas". We now have the reports of our representatives, to the Cambridge Conference, on the reaction of British Universities to what is known as the "Ashby Plan". As applied to this University this would imply provision for non-residential students by serving evening meals in the refectory, and affording facilities for recreation and study in the precincts of the University. There are, admittedly, difficulties to be overcome, and not the least of them is likely to be in inducing our students to accept the idea, and the implications, of the "sodality"—the companionship of all the faculties, established for mutual help and action to the common end, as opposed to a "technical school", in which the sole concern of the student is to equip himself for the business of earning a livelihood. But the reports we have received encourage me in the belief that it may be possible for us to achieve something of that kind.

An event, which I record with a very real satisfaction, is the election of our Vice-Chancellor as Chairman of the Australian Vice-Chancellors' Committee for the next two years. Since he came to us in 1948, Mr. Rowe has done great things for this University. It would take too long to refer to them now. It is sufficient to say that I regard the progress that the University has made in the past five years with a sense of satisfaction, but I realise that the credit rightly belongs to our Vice-Chancellor.

The chairmanship of the Vice-Chancellors' Committee is never a sinecure, but less than ever at the present time when, as it seems to me, it is faced with the question of co-ordinating the universities of Australia by surveying the various fields of academic study, and seeing that, on the one hand, there are no gaps unfilled, and, on the other, that there is no unnecessary overlapping in subjects that for one reason or another do not need to be studied at all university centres.

Underlying this there are of course the considerations of finance. We may assume that, from one source or another, Australians will be prepared to finance their universities in appropriate undertakings, but the responsibility is on the universities to see that the moneys provided for their use are expended judiciously and to the best advantage. In default of any authority in this country corresponding to the British "University Grants Commission", this task falls upon the Vice-Chancellors' Committee. We are vitally interested in the result, and I know of no one better qualified than our Vice-Chancellor to undertake the responsibilities attaching to the chair of the committee.

In the last two years it has come as a pleasant surprise to find that the day of private benefactions is by no means over. I think that I am justified in saying that, on a review of the total of the benefactions, and of the number of our benefactors, the yearly average has never, in the history of the University, been higher than at the present time. Our thanks are due to all our benefactors for their gifts, which are acknowledged in our Annual Report, but in the course of the year we have received three endowments, that call for special notice.

The first was the sum of £50,000 given by Mrs. G. E. Hastings. This truly magnificent gift has been accepted by the Council, and, in accordance with the intention of the donor, it will form the "Gwen Michell Foundation for Medical Research". The ultimate aim of the Foundation is to assist towards the endowment of a Chair and Department of Experimental Medicine, but, in the meantime, the income will be used to support a Research Scholar working in the Department of Medicine. The wish of the donor that work should be done in psychosomatic medicine will be met.

Next was the sum of £13,875 given by Mr. Tom Barr Smith, for the purpose of establishing a scholarship in memory of his father, the late Tom Elder Barr Smith, whom many of us remember for more than his generosity to this University, great as that was. The gift will endow a scholarship, tenable at the University of Cambridge,

and known as the "Barr Smith Travelling Scholarship in Agriculture". The purpose is to promote study and research in Agriculture and other subjects (especially Animal Husbandry) cognate to the pastoral and wool industries, and, at the same time, to encourage mutual understanding between the peoples of Australia and Great Britain.

Thirdly, I must acknowledge the bequest by the late Miss Lily Waite of £10,000 "for the better endowing the Waite Agricultural Research Institute . . . to be applied by the University in such manner for the purposes of, and in connection with, the said Institute as the Council of the University may from time to time decide".

If my announcement of all these endowments is, of necessity, bare and formal, it is because language fails me to give full expression to my thankfulness, not merely to our benefactors for their princely gifts, but, for the assurance that, even in these days, the faith which founded this University, and supported it in the past, is still a living thing.

Now I would speak—as it were standing in the gateway—to those who are today going out into the world. This is your release from the discipline of study. But the question is what do you mean to make of your emancipation? If you are thinking about that, I might, perhaps, recall the epigram of a novelist—now no longer read—"What is this freedom that you seek? It is but to change your masters". That was said in relation to democracy, and, in that, there may be food for thought. But there is, I think, a wider application. I should say that no one can rightly be regarded as "free" until he has acquired mastery over his passions and his prejudices.

The primary purpose of any academic discipline is to inculcate the habit of thinking clearly and—above all else—sincerely. If you can reason in that way along the lines of your specialized training, there is no reason why you should not use the same faculty—the same integrity of thought—in other spheres. That—as I see it—is your road to freedom. You may, or may not, appreciate the poetry of the Victorian age, but I think that you must admit that, at times, they had the right idea—

"Self reverence, self knowledge, self control
These three alone lead life to sovereign power
. . . to live by law,
Acting the law we live by without fear,
And, because right is right, to follow right
Were wisdom in the scorn of consequence."

This is your day—the day when you are made free to set your own course, but, as it seems to me, the best advice that I can give you is to give heed to the "Call to the People of Australia" which was issued two years ago—

"We remind all Australians that we are members of one another, dependent even for our daily bread on the work of many. From the community we have our livelihood, culture, protection in a reign of law. To the community we owe a just return of loyalty and service."

You have been given your training for the work that you intend to do. The just return that you owe is loyalty and service to your fellow men. If that is the course you are resolved to follow, then "go forth in strength". May good fortune attend you and prosperity await you.

In opening the evening ceremony for the granting of diplomas, the Chairman of the Education Committee (Professor E. A. Rudd) said:

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

It is my very pleasant duty to congratulate those who are to receive diplomas this evening. This I do most heartily on behalf of those here assembled.

To many of you this is the culminating point in a long period of formal education and you must be aware that you are but a few of those who started along the same road some fourteen or more years ago.

That you belong to a very small minority is plainly apparent even in this State where educational facilities are so readily available. How much more this is emphasised when one considers the world at large.

That you have come so far and successfully is a matter for congratulation for you have been able to resist the distractions which have caused so many others to turn aside.

There will be, of course, the reward in this that you are trained to your professions, but there will also be the penalty that you have to some extent set yourselves apart from your fellow men. There is also the responsibility that you must henceforth share with this University of which you are now a part—for the guarding of a store of knowledge which is the source of strength of any civilisation.

Perhaps I may be pardoned if I recall that I passed through the ceremony about twenty years ago. This country was then in some financial discomfort and the problem of accepting employment scarcely existed. One took the job one was lucky enough to be offered. Nowadays there is a confusing choice of employment available to almost every one of you. For there can be little doubt that you are embarking on your careers at a most exciting period in Australia's development.

In that respect you are fortunate for your talents will be tried to the utmost and that must surely help to strengthen your characters.

From time to time and in various parts of Australia I am privileged to see what I believe are signs that this country will soon take a leading part in world affairs. This will call for imagination unhampered by the doubts of the past and the small scale of our recent beginnings and you younger people are in the frame of mind to meet that situation. For a brief period of years you will have a confidence in your ability which is not limited by past experience. That is the environment in which your best work will be done.

There is, perhaps, a danger in the fact that you emerge into an active and expanding existence. There is no doubt that you will be made busy with the duties of your various professions. It is conceivable that there will be little leisure for the critical examination of those aspects of life other than your immediate interests.

The danger is that you who have been trained to develop a critical faculty may accept the ready made opinions because of preoccupation with your own duties.

If I have stressed that you will emerge with a confidence to tackle your tasks, let me assure you that the world will meet you with a refreshing unbelief in your abilities.

Unless you are destined for laboratories or research work you will be working with people who have not followed their formal educations as far as you have. You would be unwise to assume that their educations terminated when they left school. In the intervening years many of these people will have developed great skills in their chosen tasks, and many will have read widely in a great variety of subjects. These people will expect much of you because of the special opportunities you have enjoyed.

Your task during the next year or so will be to make your place among these people, and an appreciation of their abilities will go far towards making this possible.

For we must recognise the fact that a university course is but one method of obtaining an education in the fullest sense of the term. While it has the advantage of opening to us views of the treasure houses of knowledge, it is done at the sacrifice of a number of years during which we would normally be adjusting ourselves to the community in which we must live.

If at this stage you can appreciate, with some humility that although you have acquired the equipment with which to meet life you still have to find out how it works in the world at large, then your stay at this University has been worthwhile.

If on the other hand you feel that now you have completed your formal education all you have to do is sit back and reap the rewards then you have much yet to learn.

One notes with pleasure that in tonight's list of names are some which may have had origins outside Australia. I am sure that these people have already made, and will continue to make, very valuable modifications to our Australian way of life. Most of us notice that there is a much more serious approach to education or the pursuit of knowledge in other countries. In this country I am sure many still regard education or "schooling" as a childish complaint to be "got over" as soon as possible. The newcomers to this country are bringing and will continue to bring something of the fervour for knowledge which is characteristic in their own lands. Arising out of that process will be a better appreciation of the opportunities available for it in Australia.

Your years at this University have probably been crowded, and you have undoubtedly been aware that outside the limits of your

course there have been a number of subjects which would have given greater breadth to your education. The academic body of this University is not unaware of this problem—the need for more arts for the scientists and the need for an appreciation of the scientific method by those who study the arts. The problem is a difficult one and with the crowded timetables necessary to cover professional training it appears likely that the solution must lie ultimately with the individual. If during your stay at this University you have been unable to maintain interests to balance against the specialisation of your courses then you must meet the situation by widening your interests now. The reading course that you set yourself from now on will decide the fullness of your education.

Many of you receiving diplomas tonight are directly concerned with education. The importance of your task will be generally acclaimed but perhaps meagrely rewarded from the material point of view.

The world can readily appreciate the physical danger of the alarming explosions and the sinister secondary effects which are born of the present unhealthy alliance of science and politics.

Much less spectacular but much more frightening I think is the insidious poisoning of the mind of man with half-truths and fears perhaps even fears of fear until no one knows who to trust. The danger zone of this has already circled the globe, and it is the cells of the mind rather than the corpuscles of the blood which are affected.

These are thoughts which you must face, and they are surely not light thoughts. But I have confidence that you can cope with them. For they are problems created by man and what man has set with the help of God man can solve.

Those of us who are older, and perhaps a little tired and appalled at what we have done sometimes lose faith, but you who are younger are equal to the task. You are better than we are, and it is well that evolution arranges it so.

We who congratulate you tonight send you forth with the thought that if you earnestly apply for the welfare of man the knowledge that you have now acquired you will receive true happiness and a peace of mind which is its own reward.

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Financial Statements

1953

THE UNIVERSITY

Income and Expenditure Account for

INCOME		£	£	£
NORTH TERRACE SECTION.				
<i>Government Grants—</i>				
Special Act			39,000	
Annual Vote			424,000	
			<u>463,000</u>	463,000
<i>Interest—</i>				
Commonwealth Inscribed Stock			15,692	
State Treasury Deposit Account			634	
Mortgage Advances			2,017	
			<u>18,343</u>	
Less Interest credited to Special Funds			7,157	
			<u>11,186</u>	11,186
<i>Dividends on Shares</i>				14,027
<i>Students' Fees</i>				72,389
<i>Other Income</i>				12,804
				<u>573,406</u>

WAITE AGRICULTURAL RESEARCH INSTITUTE SECTION.

<i>Government Grants:</i>				
Special Act			5,000	
Annual Vote			79,000	
			<u>84,000</u>	
Less Deficit, 1952			663	
			<u>83,337</u>	
Interest			15,203	
Sundry Items			7,915	
C.S.I.R.O.—Grant for Genetics, 1953			2,500	
C.S.I.R.O. "Contra" Accounts			15,616	
Wool Research Fund—Contra			5,200	
			<u>129,771</u>	
				<u>£703,177</u>

A. W. BAMPTON,
Registrar.

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 31st day of December, 1953, and do certify the above statement to be a correct abstract of such Income and Expenditure

OF ADELAIDE

the year ended 31st December, 1953.

EXPENDITURE		£	£
NORTH TERRACE SECTION.			
<i>Departmental—</i>			
Salaries and Wages		281,438	
Faculty Expenses		10,841	
Laboratory Grants		28,475	
Equipment—Items “under £500”		20,496	
		<u>341,250</u>	
<i>Library—</i>			
Salaries		12,300	
Books and Binding		10,089	
		<u>22,389</u>	
<i>Administrative Salaries</i>			31,125
<i>Research—</i>			
Salaries		22,648	
Maintenance		9,947	
Apparatus		6,412	
		<u>39,007</u>	
<i>Maintenance of Property—</i>			
Caretakers' and Cleaners' Wages		23,047	
Repairs to Buildings		15,350	
Maintenance of Site and Grounds		6,576	
Grant to Sports Association		5,880	
		<u>50,853</u>	
<i>University College Scholarships</i>			5,450
<i>Sundry—</i>			
Study Leave		8,237	
Public Examinations		13,987	
Scholarships		3,361	
Printing, Stationery and Miscellaneous		21,655	
Gas, Water, Electricity and Insurance		12,239	
Payroll Tax		9,275	
Special Grants		3,518	
		<u>72,272</u>	
<i>Balance—Surplus, 1953</i>			11,060
			<u>573,406</u>
WAITE AGRICULTURAL RESEARCH INSTITUTE SECTION.			
Salaries		65,477	
Maintenance Charges		25,758	
Equipment—Items “under £500”		6,999	
C.S.I.R.O. Genetics, 1953		2,500	
C.S.I.R.O. “Contra” Accounts		15,616	
Wool Research Fund—Contra		5,200	
Balance—Surplus, 1953		8,221	
		<u>129,771</u>	
			<u>£703,177</u>

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, 1953.

R. M. STEELE, Chartered Accountant (Aust.),
E. F. HUNWICK, Chartered Accountant (Aust.),

Adelaide, 29th April, 1954.

Auditors.

THE UNIVERSITY

Statement of Balances of Capital

LIABILITIES		
	£	£
NORTH TERRACE SECTION.		
<i>Endowments, etc.—</i>		
General	904,075	
Sale of Country Lands—Proceeds	40,000	
Grants and Donations for University Site	11,776	
Contribution to Buildings by Government of S.A.	83,954	
Contributed from Income towards Buildings	78,443	
Grant from Unemployment Relief Council for Johnson Chemical Laboratories	12,000	
Advance from Appropriation Account for Buildings	15,998	
Gift from Pharmaceutical Society for Building	300	
	<u>1,146,546</u>	
<i>Commonwealth Reconstruction Training Scheme—Grants for Buildings—</i>		
Commonwealth Government	342,882	
Government of S.A.	211,453	
Contributed from Income	97,401	
	<u>651,736</u>	
		1,798,282
<i>Reserves and Special Funds—</i>		
Reserve for Depreciation of Equipment		26,000
State Government—Provision for Equipment “over £500”—Balance		8,818
Special Donations		17,312
Superannuation Funds		57,898
Redemption of Stock—Balance		9,405
Share Fluctuation Reserve		16,814
Equipment Reserve		7,435
Special Reserve Fund—Buildings and Equipment		4,000
H.M. Government of S.A.—Advance Payment for 1954		38,650
Income and Expenditure Surpluses, 1952 and 1953		13,752
<i>Unexpended Balances—</i>		
Scholarship Accounts	8,418	
Library Accounts	4,425	
Special Accounts	48,404	
	<u>61,247</u>	
		261,331
<i>Equipment—</i>		
Contributed from Income		234,640
Special Donations		45,370
Funds Provided by H.M. Government of S.A.:		
For Equipment “under £500”	65,806	
For Library	35,074	
For Apparatus “over £500”	18,514	
For Furniture “over £500”	1,372	
	<u>120,766</u>	
		400,776
<i>Lord Mayor’s Cancer Appeal Fund—</i>		
Contributions		<u>102,794</u>
		2,563,183
Carried forward		

OF ADELAIDE.

Accounts as at 31st December, 1953.

ASSETS		£	£	£
NORTH TERRACE SECTION.				
<i>Investment of Endowments—</i>				
Commonwealth Inscribed Stock, at par		277,804		
Share and Stock Investments		273,640		
University Site		11,776		
University Buildings—Book Value		394,925		
Other Land and Buildings		30,579		
Books—Barr Smith Library		9,106		
Advances on Mortgages		57,586		
Funds Held by Trustees		33,909		
		<u>1,089,325</u>		
<i>Commonwealth Reconstruction Training Scheme—</i>				
Buildings		634,600		
Equipment		74,357		
		<u>708,957</u>		
				1,798,282
<i>Investment of Reserves and Special Funds—</i>				
Commonwealth Inscribed Stock, at par (Balance)			157,063	
Investment Properties and Improvements			81,112	
Current Balances—Cash, Debtors, etc.			22,896	
Building Advance—Observatory			260	
			<u>261,331</u>	
<i>Equipment—</i>				
Apparatus			224,440	
Furniture			53,236	
Library Books and Binding			121,450	
Material in Workshops			1,650	
			<u>400,776</u>	
<i>Lord Mayor's Cancer Appeal Fund—</i>				
Invested in Commonwealth Inscribed Stock, at par			100,000	
Balance of Current A/c.			2,794	
			<u>102,794</u>	
				<u>2,563,183</u>
Carried forward				

	£	£	£
Brought forward			2,563,183
LIABILITIES			
WAITE AGRICULTURAL RESEARCH INSTITUTE SECTION.			
Endowments—General		217,228	
Endowments for Laboratories		35,000	
Donations		15,800	
Contributed from Income		94,795	
Motor Truck Maintenance Accounts		2,052	
Funds Provided by H.M. Government of S.A.:			
For Equipment "under £500"	28,305		
For Library	5,659		
For Equipment "over £500"	12,660		
		41,624	
Unexpended Balances		1,670	
Income and Expenditure Account—Surplus for 1953		8,221	
<i>Commonwealth Reconstruction Training Scheme—</i>			
Commonwealth Government Contribution to Buildings		9,602	
			425,792

£2,988,975

A. W. BAMPTON,
Registrar.

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, 1953, 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		2,563,183

ASSETS

WAITE AGRICULTURAL RESEARCH INSTITUTE SECTION.

Land, Urrbrae House, etc.	50,928	
Funds held by Trustees	114,304	
Commonwealth Inscribed Stock, at par	60,103	
Buildings	96,762	
Equipment and Furniture	86,813	
Library	16,782	
Petty Cash and Advance A/c.	100	
		<u>425,792</u>

£2,988,975

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, 1953. 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.),	} Auditors.
E. F. HUNWICK, Chartered Accountant (Aust.),	
Adelaide, 29th April, 1954.	

CALENDAR OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1954

PART IV

1. Regulations—

Degree of Bachelor of Arts - - - - -	403
Associate in Arts and Education - - - - -	410
Diplomas 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 - - - - -	438
Degree of Bachelor of Laws - - - - -	450
Degree of Master of Laws - - - - -	457
Degree of Doctor of Laws - - - - -	457
Degrees of Bachelor of Medicine and Bachelor of Surgery	458
Degree of Bachelor of Medical Science - - - - -	466
Degree of Doctor of Medicine - - - - -	467
Degree of Master of Surgery - - - - -	468
Degree of Bachelor of Dental Surgery - - - - -	471
Degree of Master of Dental Surgery - - - - -	475
Degree of Doctor of Dental Science - - - - -	476
Diploma of Associate in Music - - - - -	477
Fellowship of the Elder Conservatorium of Music - - - - -	481
Degree of Bachelor of Music - - - - -	482
Degree of Doctor of Music - - - - -	487
Diploma in Commerce - - - - -	488
Diploma in Public Administration - - - - -	491
Diploma in Pharmacy - - - - -	493
Diploma in Physical Education - - - - -	494
Diploma in Social Science - - - - -	496
Diploma in Physiotherapy - - - - -	497
Degree of Doctor of Philosophy - - - - -	499
2. Notes to candidates for higher degrees - - - - -	502

CAT. PRGS.

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 (26), II (27), and III (28);
German I (36), II (37), and III (38);
English Language and Literature IA (15), I (16), II (17),
and III (18);
History IA (41), IB (42), IC (43), IIA (44), IIB (45), and
III (46);
Political Science (47);
International Relations (48);
Economics I (51), II (52), and III (53);
Social Economics (54);
Geography I (58), II (59), and III (60);
Economic Geography (60a);
Philosophy I (61), IIA (62), IIB (63), IIIA (64), IIIB (65);
Psychology I (69), II (70), and III (71);
Education (76);
Pure Mathematics I (85), II (89), and III (95);
Statistical Methods (92), and Mathematical Statistics (98);
Music I (72), II (73), and III (74).

Science Subjects:

Applied Mathematics I (87), II (91), and III (96);
Physics I (101) and II (102);
Chemistry I (111) and II (113 and 114a, or 115 and 116)
(Inorganic or Organic);
Botany I (151) and II (152);
Zoology I (161), IB (161B), and II (162);
Geology I (141) and II (142);
Biology (158);

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.

• Allowed 22nd January, 1953; amendment awaiting allowance at time of printing.

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.

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 (20),
- (c) French Language and Literature (30),
- (d) History and Political Science (49),
- (e) Economics (55),
- (f) Geography (60a),
- (g) Philosophy (67),
- (h) Mathematics (99),
- * (i) German Language and Literature,

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
 - Division I
 - Division II
- 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.

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 sub-

* Awaiting allowance at time of printing.

mitted to and approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.

6. Except by permission of the Faculty a candidate shall not proceed to a course for which he has not completed the pre-requisite courses prescribed in the syllabuses.

7. A candidate may be excused attendance at lectures in any subject in which he desires to be examined, but only upon grounds approved by the Council. Exemption in more than two subjects in any one year will be allowed only in exceptional circumstances.

8. A candidate shall do such written or practical work as may be prescribed by the Professor or Lecturer.

9. The annual examinations shall take place towards the end of the academic year. 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 and Political Science - - - - - | 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.

* 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 and Political Science:
 History I (A or B or C), II (A or B), and III;
 Political Science;
 International Relations;
 Social Economics or Economics I;
 Two other courses.
- (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.

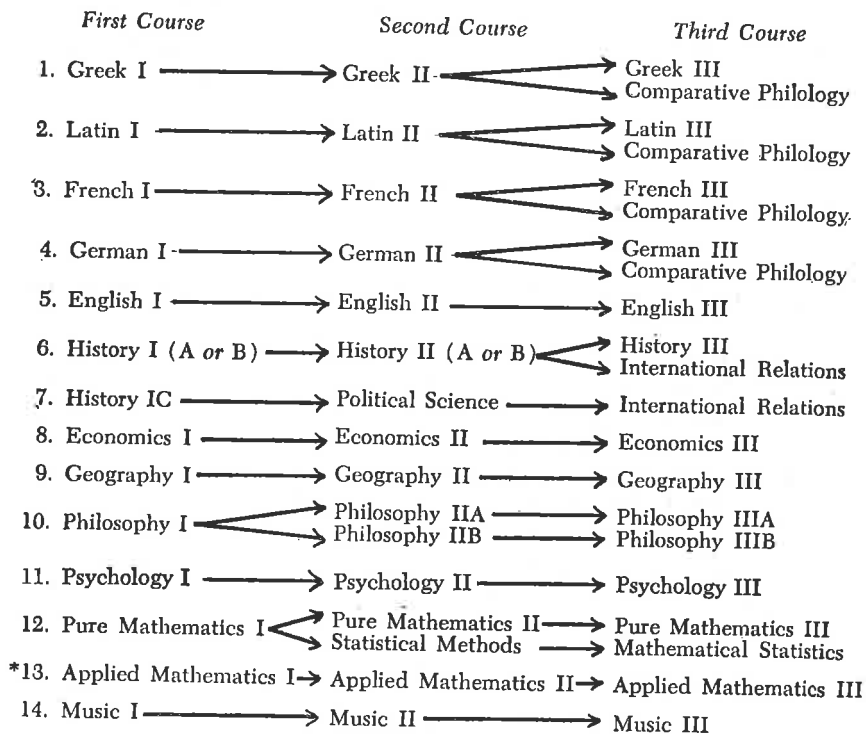
3. In addition to the courses specified in paragraph 2 of this schedule every candidate shall undertake during the second, third and fourth years of his course such Honours work as the Head of the Department shall require.

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, History IC, Economics I, Social Economics, Geography I, Economic Geography, 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:



*N.B. Candidates should note that both Applied Mathematics I and Pure Mathematics I are pre-requisite for Applied Mathematics II, and that both Applied Mathematics II and Pure Mathematics II are pre-requisite for Applied Mathematics III.

No course shall be counted twice, and a candidate shall not present both of the following pairs of subjects:

- English I and English IA;
- Economics I and Social Economics;
- Geography I and Economic Geography.

Until the end of 1954 there will be a course "Philosophy (Special)" which will count as a third course for those who before the end of 1951 had completed the previously existing first and second courses of the previous sequence 8, or before the end of 1952 had completed Psychology and Education as part of the previously existing sequence 8 or 9, and as a second course *not* leading on to a third course, for those who before the end of the 1952 academic year had completed Psychology or Education only.

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 course in Neurophysiology unless he has completed the first two terms' work in either Zoology I or Biology.

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.

* Amended 16th December, 1948.

†5. (a) A graduate in Arts shall not be eligible to qualify also as an Associate in Arts and Education.

(b) Except as provided for in paragraph (c) of this regulation, not more than two subjects shall be presented both for the diploma in Arts and Education and for any other degree or diploma.

(c) An Associate who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree any or all of the subjects which he presents for the diploma of Associate provided:

- (i) that he complete the requirements for matriculation before taking any further subject towards the degree; and
- (ii) that he surrender his diploma before being admitted to the degree.

† Allowed 16th December, 1948.

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 (69);
- (b) Education (76);
- (c) Hygiene (77);
- (d) Educational Psychology (78);
- (e) The Principles of Pre-Primary Education (79); or
The Principles of Primary Education (80); or
The Principles of Secondary Education (81);

* Allowed 7th December, 1939.

† Allowed 14th December, 1950.

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.

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

* Allowed 14th December, 1944.

- (c) submit other evidence that will satisfy the Faculty that his case deserves special approval.

3. Every candidate shall either

- §(a) present a satisfactory thesis on a subject approved by the Faculty of Arts, and shall, if required, adduce sufficient evidence that the thesis is his own work: provided that in Classics or Mathematics a candidate may present himself for an examination in lieu of presenting a thesis; or
- (b) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work selected from two departments within the Faculty, and approved by the Faculty.

‡ For the purpose of section (b) of this regulation, the following combined courses are approved by the Faculty:—Philosophy and Mathematics, Philosophy and Greek, Philosophy and English Language and Literature, Philosophy and Politics, Philosophy and History, Politics and History, Politics and Classics, History and Classics, Politics and Economics, History and Economics, History and English Language and Literature, English Language and Literature and Latin, English Language and Literature and Greek, Mathematics and Greek, Latin and French, English Language and Literature and French, French and History, French and Philosophy.

The Faculty will consider applications for permission to take combined courses other than those set out above.

*4. Candidates who have obtained the degree of Bachelor of Arts or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, and provided that they comply with Regulation 2, to proceed to the degree of Master of Arts.

‡5. 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 |
|---|---------|
- (c) On admission to the degree - - - -
- | | |
|--|-------|
| | 5 5 0 |
|--|-------|

§ Amended 14th December, 1950.

‡ Awaiting allowance at time of printing.

† Allowed 30th November, 1933. • Allowed 17th December, 1931.

7. All previous regulations of the degree of Master of Arts are hereby repealed. Candidates who have graduated as Bachelors of Arts in or before the year 1930 and who wish to proceed under the regulations hereby repealed must apply to the Council to have their position defined. In any case, all candidates proceeding under the regulations hereby repealed must complete the course not later than December, 1933.

Allowed 10th December, 1930.

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

Awaiting allowance at time of printing.

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 (481), II (482), IIIA (484), and IIIB (483);

Law I (485), II (486), and III (487);

Economic Statistics I (56) and II (57).

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 I (A *or* B), History II (A *or* B), and History III;

History IC, Political Science, and International Relations;

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) Either 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;
- (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);
 History IC and Political Science;
 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 (85), Applied Mathematics I (87), Physics I (101), Chemistry I (111), Geology I (141), Botany I (151), Zoology I (161), Biology (158).

Group B: Pure Mathematics II (89), Applied Mathematics II (91), Statistical Methods (92), Physics II (102), Inorganic and Physical Chemistry II (113 and 114a), Organic Chemistry II (115 and 116), Geology II (142), Botany II (152), Zoology II (162), Biochemistry I (171), Bacteriology I (175). [*Note:* Students taking Botany II or Zoology II will take Genetics (159) also, as an integral part of either of these subjects.]

Group C: Pure Mathematics III (95), Applied Mathematics III (96), Mathematical Statistics (98), Physics III (104), Inorganic and Physical Chemistry III (117 and 118), Organic Chemistry III (119 and 120), Geology III (144), Botany III (153), Zoology III (162), Advanced Genetics (159a), Bacteriology II (176), Physiology (173), Biochemistry II (171a).

†*Group D:* Histology (179), Agricultural Chemistry (125), Economics (51S), Mining Engineering I (267), Surveying I (276), Palaeontology (147), Biometry (185), Botany IIA (152a), Genetics (159), Scientific German (39).

*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. † Awaiting allowance at time of printing.

(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 (60);
- (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.

† *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.

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 (99), (b) Physics (108), (c) Chemistry (123), (d) Geology (149 or 150), (e) Botany (155), (f) Zoology (165), (g) Biochemistry (172), (h) Physiology (174), (j) Anatomy (180), (k) Genetics (160), (l) Mathematical Physics (109).

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.

* Awaiting allowance at time of printing. 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 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

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 submitting his thesis (or presenting himself for examination in Mathe-

* Allowed 14th December, 1944.

† Allowed 17th January, 1952.

matics) 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

‡ Awaiting Allowance at time of printing. 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	0

• 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.

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 (101),
 Chemistry I (111),
 Botany I (151),
 Zoology IA (161).

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 (189).
 Agricultural Chemistry I (187).
 Botany II, B.Ag.Sc. course (190).
 Geology I (141).
 Agriculture I (181).

(b) Third Year:

Agriculture II (182).
 Biometry (185).
 Genetics (159).
 Agricultural Chemistry II (188).
 Microbiology (192).
 Entomology (191).
 Plant Pathology (193).

(c) Fourth Year (at Roseworthy Agricultural College):

Agriculture III (183).
 Animal Husbandry (194).
 Rural Economics and Farm Management (198).
 Farm Engineering and Surveying (195).
 Horticulture (196).
 Methods of Extension (197).

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. The following conditions shall apply until December 31, 1954:

(a) No candidate shall proceed to the Honours degree except with the express approval of the Faculty of Engineering after consideration of the candidate's academic record in the course for the Ordinary degree.

(b) Except as provided for in Regulation 14 a candidate shall have completed the full course for the Ordinary degree in the Department concerned before applying for permission to proceed to the Honours degree.

(c) A graduate of another University shall be granted the status of a student qualified to proceed to the degree in accordance with these regulations only if the Faculty is satisfied that his degree is equivalent to the Adelaide degree of Bachelor of Engineering in the Department concerned, and that his academic record was of the standard required of Adelaide candidates.

* Awaiting allowance at time of printing.

(d) A candidate who wishes to proceed to the Honours degree shall apply in writing to the Registrar before the end of January in the year in which he desires to undertake the special Honours work for the degree.

(e) To qualify for the Honours degree a candidate shall attend a course of instruction and laboratory work extending over at least one academic year and shall pass an examination in advanced work as prescribed by the Head of the Department concerned: Provided that, except in the case of Mining Engineering and subject to the approval of the Faculty in each case, a candidate who has already passed in advanced work in Pure Mathematics, Applied Mathematics and Physics or Chemistry as specified in the schedule may be permitted to take the Honours work concurrently with his final year's work for the Ordinary degree. For such a candidate the content of the final year's work for the Ordinary degree may be reduced to allow time for the special studies for the Honours degree.

(f) The examination for the Honours degree shall be held in March of the year following that in which the candidate undertakes his special Honours work.

(g) Permission to sit for the Honours examination will be contingent upon the candidate's reaching a satisfactory standard at the examinations of his fourth-year work for the Ordinary degree.

(h) The names of candidates who pass with Honours shall be arranged alphabetically in two classes under each Department: a candidate who fails to obtain either first or second class Honours may be awarded the Ordinary degree provided that he has in all other respects completed the work for the Honours degree.

* 15. Regulation 14 shall be repealed as from December 31, 1954. As from January 1, 1955, the following conditions shall apply:

(a) The Honours degree shall be taken in the final year of either the four or five year course. Candidates wishing to take the Honours degree must apply to the Faculty of Engineering for permission to do so on or before March 1st of the year in which they intend to take the course.

(b) No candidate shall proceed to the Honours degree except with the approval of the Faculty of Engineering. Before granting such permission the Faculty will take into consideration the candidate's work up to the time of his application.

(c) Candidates for the Honours degree shall in the final year of their course complete the full course set out for the Ordinary degree and shall in addition take further lectures at an advanced level. Candidates shall also satisfactorily complete a laboratory project which will normally extend to the March of the year following that in which they undertake Honours work.

(d) In order to obtain Honours candidates must pass examinations on the work of the specialised honours lectures. They must also pass in the final year subjects of the Ordinary degree at a higher standard than is required from candidates for the Ordinary degree.

* Awaiting allowance at time of printing.

(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.

SCHEDULE FOR HONOURS DEGREE

A candidate who desires, under Regulation 14, to take the Honours work concurrently with his final year's work for the Ordinary degree must have completed, by the end of the penultimate year of his course for the Ordinary degree, the following additional subjects:

- (a) *In Metallurgical and Chemical Engineering:*
Pure Mathematics III, Applied Mathematics II and Inorganic and Physical Chemistry III.
- (b) *In Civil, Electrical or Mechanical Engineering:*
Pure Mathematics III, Applied Mathematics II and Physics 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	0
On admission to the degree	.....	5	5	0

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 2², 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.

FEEES

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

The First Year may be omitted by students who attain an approved standard in Chemistry, Mathematics and Physics in the Leaving Honours Examination. Students who wish to apply for status for the First Year should consult the Professor.

MINING ENGINEERING

		FIRST YEAR							
Subject No. in Syllabus	Subject		Hours a week	Place of Lecture	Fee				
					£.	s.	d.		
111	Chemistry I, Lectures	.....	3	U.	5	5	0	
	Practical	.....	6	S.M.	7	7	0	
85	Pure Mathematics I, Lectures	.....	3	U.	5	5	0	
	Tutorial	.....	1	U.				
101	Physics I, Lectures	.....	3	U.	5	5	0	
	Practical	.....	3	U.	4	4	0	
		SECOND YEAR							
113	Inorganic Chemistry II, Lectures	.....	2	U.	4	4	0	
114B	Practical	.....	8	S.M.	10	10	0	
89A	Pure Mathematics IIA, Lectures	.....	3	U.	5	5	0	
	Tutorial	.....	1	U.				
87	Applied Mathematics I, Lectures	.....	3	U.	5	5	0	
	Tutorial	.....	1	U.				
248	Engineering Drawing I, Practical	.....	4	S.M.	4	10	0	
286	Workshop Practice I, Lectures	.....	1 ²	S.M.	3	10	0	
	Practical	.....	3 ²	S.M.				
246	°First Aid	.....	3 ¹		0	14	0	
247	General Engineering	.....	1 ¹	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.	
141	Geology I, Lectures	2	U.	3	3	0	
	Practical	3	U.	3	3	0	
274	Strength of Materials, Lectures	2	U.	4	4	0	
	Practical	3	U.	4	4	0	
241	Electrical Engineering I, Lectures	2	U.	3	13	6	
	Practical	3 ²	U.	3	13	6	
249	Engineering Drawing II, Lectures	1 ²	S.M. }	3	10	0	
	Practical	3 ²	S.M. }				
264	Physical Metallurgy I, Lectures	1	S.M. }	6	0	0	
	Practical	3	S.M. }				
FOURTH YEAR							
221	Civil Engineering I, Lectures	2	U.	4	4	0	
	Practical	6 ¹ 3 ²	U.	6	6	0	
256	Mechanical Engineering I, Lectures	2 ² 3 ¹	U.	5	5	0	
	Practical	6 ¹ 3 ²	U.	6	6	0	
224	Hydraulics, Lectures	1	U.	2	12	6	
	Practical	3 ¹	U.	1	11	6	
267	Mining Engineering I, Lectures	2	U.	4	4	0	
143	Geology II (B.E. Course), Lectures	2 ²	U.	2	16	0	
	Practical	6 ²	U.	5	12	0	
145	Mining Geology, Lectures	2 ¹	U.	2	2	0	
	Practical	6 ¹	U.	3	3	0	
277	Surveying 1A, Lectures	1	S.M. }	6	0	0	
	Practical	3					
FIFTH YEAR							
268	Mining Engineering II, Lectures	3	U.	5	5	0	
	Practical	12	U.	10	10	0	
260	Process Engineering I—						
	Part B, Extractive Metallurgy, Lectures (part only)	1	S.M.	2	2	0	
	Practical	3	S.M.	3	13	6	
270	Oredressing, Lectures	2 ²	U.	3	0	0	
	Practical	3 ²	U.	3	0	0	
203	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 (272).

Long Vacation—Practical Mining Experience—of not less than 8 weeks.

Fourth Year: August Vacation—Mining Trip (272).

METALLURGICAL AND CHEMICAL ENGINEERING

FIRST YEAR						
Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee		
				£.	s.	d.
111	Chemistry I, Lectures	3	U.	5	5	0
	Practical	6	S.M.	7	7	0
85	Pure Mathematics I, Lectures	3	U. }	5	5	0
	Tutorial	1	U. }			
101	Physics I, Lectures	3	U.	5	5	0
	Practical	3	U.	4	4	0
SECOND YEAR						
113	Inorganic Chemistry II, Lectures	2	U.	4	4	0
114B	Practical	8	S.M.	10	10	0
89A	Pure Mathematics IIA, Lectures	3	U. }	5	5	0
	Tutorial	1	U. }			
87	Applied Mathematics I, Lectures	3	U. }	5	5	0
	Tutorial	1	U. }			
248	Engineering Drawing I, Practical	4	S.M.	4	10	0
286	Workshop Practice I, Lectures	1 ²	S.M. }	3	10	0
	Practical	3 ²	S.M. }			
246	°First Aid	3 ¹		0	14	0
247	General Engineering	1 ¹	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.
117a	Physical Chemistry III, Lectures	2 ²	U.	3	10	0
118a	Practical	8	S.M.	10	10	0
141	Geology I, Lectures	2	U.	3	3	0
	Practical	3	U.	3	3	0
274	Strength of Materials, Lectures	2	U.	4	4	0
	Practical	3	U.	4	4	0
249	Engineering Drawing II, Lectures	1 ²	S.M.	3	10	0
	Practical	3 ²	S.M.			
264	Physical Metallurgy I, Lectures	1	S.M.	6	0	0
	Practical	3	S.M.			

FOURTH YEAR

260	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 ²	U.	1	10	0
256	Mechanical Engineering I, Lectures	2 ² , 3 ¹	U.	5	5	0
	Practical	6 ¹ , 3 ²	U.	6	6	0
241	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3 ²	U.	3	13	6
278	Surveying IB, Lectures	1 ¹	U.	1	1	0
	Practical	3 ¹	U.	1	1	0

FIFTH YEAR

261	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
270	Oredressing, Lectures	2 ²	U.	3	0	0
	Practical	3 ²	U.	3	0	0
262	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.

FIRST YEAR

85	Pure Mathematics I, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
101	Physics I, Lectures	3	U.	5	5	0
	Practical	3	U.	4	4	0
112	Inorganic Chemistry I, Lectures	2	U.	3	3	0
	Practical	3	U.	5	5	0
248	Engineering Drawing I	4	S.M.	4	10	0
276	Surveying I, Lectures	1	U.	1	11	6
	Practical	3	U.	3	3	0
281	Survey Camp (First)			3	3	0
286	Workshop Practice I, Lectures	1 ²	S.M.	3	10	0
	Practical	3 ²	S.M.			
246	†First Aid	3 ¹		0	14	0
247	General Engineering	1 ¹	U.			

† First Aid, although included in the schedules for the first-year course, may be completed at any time before graduation.

SECOND YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £. s. d.
89A	Pure Mathematics IIA, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
87	Applied Mathematics I, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
103	*Physics II, B.E. Course, Lectures	2	U.	4 4 0
	Practical	3	U.	6 6 0
274	Strength of Materials, Lectures	2	U.	4 4 0
	Practical	3	U.	4 4 0
249	Engineering Drawing II, Lectures	1	S.M.	3 10 0
	Practical	3	S.M.	

* Candidates who wish to qualify for the Honours degree in the Department of Electrical Engineering, or for the degree of Bachelor of Science, must attend the lectures and practical work and pass the examination in the full Science course in Physics II. The additional fee is £8/8/-.

THIRD YEAR

CIVIL AND MECHANICAL ENGINEERING

221	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 ¹ 3 ²	U.	6 6 0
256	Mechanical Engineering I, Lectures	2 ² 3 ¹	U.	5 5 0
	Practical	6 ¹ 3 ²	U.	6 6 0
241	Electrical Engineering I, Lectures	2	U.	3 13 6
	Practical	3 ²	U.	3 13 6
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 ¹	U.	1 11 6
224	Hydraulics, Lectures	1	U.	2 12 6
	Practical	3 ¹	U.	1 11 6
287	Workshop Practice II, Lectures	1	S.M.	6 15 0
	Practical	3	S.M.	

ELECTRICAL ENGINEERING

221	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 ¹ , 3 ²	U.	6 6 0
256	Mechanical Engineering I, Lectures	2 ² 3 ¹	U.	5 5 0
	Practical	6 ¹ , 3 ²	U.	6 6 0
241	Electrical Engineering I, Lectures	2	U.	3 13 6
	Practical	3 ²	U.	3 13 6
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 ¹	U.	1 11 6
242	Electronic Engineering IB, Lectures	1	U.	1 11 6
	Practical	3 ²	U.	2 12 6
287	Workshop Practice II, Lectures	1	S.M.	6 15 0
	Practical	3	S.M.	

FOURTH YEAR

CIVIL ENGINEERING

223	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
245	Industrial Engineering, Lectures	2	U.	4 4 0
141	Geology I, Lectures	2	U.	3 3 0
	Practical	3	U.	3 3 0
282	*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

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £ s. d.
243	Electrical Engineering II—			
	Power Option:			
	Part A: Servomechanisms, Lectures	3 ¹	U.	3 3 0
	Practical	7 ¹	U.	4 4 0
	Part B: Electrical Power, Lectures	1 ¹ , 4 ²	U.	8 8 0
	Practical	4 ¹ , 15 ²		12 12 0
	Electronics, Lectures	1	U.	2 2 0
	Practical	4 ¹	U.	2 2 0
	Seminar	2 ²	U.	} 2 2 0
	Specialist Lectures	1	U.	
	Communications Option:			
	Part A: Servomechanisms, Lectures	3 ¹	U.	3 3 0
	Practical	7 ¹	U.	4 4 0
	Part C: Electronics and Communications, Lectures	1 ¹ , 4 ²	U.	8 8 0
	Practical	4 ¹ , 15 ²	U.	12 12 0
	Electrical Power, Lectures	1	U.	2 2 0
	Practical	4 ¹	U.	2 2 0
	Seminar	2 ²	U.	} 2 2 0
	Specialist Lectures	1	U.	
224	Hydraulics, Lectures	1	U.	2 12 6
	Practical	3 ¹	U.	1 11 6
245	Industrial Engineering	2	U.	4 4 0

MECHANICAL ENGINEERING

257	Mechanical Engineering II—			
	Part A, Thermodynamics, Lectures	4 ¹ , 2 ¹	U.	4 4 0
	Practical	3	U.	6 16 6
	Fluid Mechanics, Lectures	1	U.	3 3 0
	Practical	3 ¹	U.	1 11 6
	Part B, Theory of Machines II, Lectures	2 ¹ , 1 ²	U.	3 3 0
	Practical	3 ²	U.	3 3 0
	Machines Design II, Lectures	2 ²	U.	3 3 0
	Practical	6	U.	6 6 0
245	Industrial Engineering, Lectures	2	U.	4 4 0

II. NEW FOUR COURSES FOR STUDENTS WHO HAVE ATTAINED AN APPROVED STANDARD IN LEAVING HONOURS MATHEMATICS, PHYSICS AND CHEMISTRY.

FIRST YEAR

89A	Pure Mathematics IIA, Lectures	2	U.	} 5 5 0
	Tutorial	1	U.	
87	Applied Mathematics I, Lectures	3	U.	} 5 5 0
	Tutorial	1	U.	
103	Physics II, B.E. Course, Lectures	2	U.	4 4 0
	Practical	3	U.	6 6 0
243	Engineering Drawing I	4	S.M.	4 10 0
286	Workshop Practice I, Lectures	1 ²	S.M.	} 3 10 0
	Practical	3 ²	S.M.	
276	Surveying I, Lectures	1	U.	1 11 6
	Practical	3	U.	3 3 0
281	Survey Camp (First)			3 3 0
247	General Engineering	1 ¹	U.	—

SECOND YEAR

91A	Applied Mathematics IIA, Lectures	2	U.	} 5 5 0
	Tutorials	1	U.	
244	Engineering Materials, Lectures	1		} 1 11 6
	Practical	3 ²		
224	Hydraulics, Lectures	1	U.	2 12 6
	Practical	3 ¹	U.	1 11 6
241	Electrical Engineering I, Lectures	2	U.	3 13 6
	Practical	3 ²	U.	3 13 6
249	Engineering Drawing II, Lectures	1 ²	S.M.	} 3 10 0
	Practical	3 ²	S.M.	
274	Strength of Materials, Lectures	2	U.	4 4 0
	Practical	3	U.	4 4 0
287	Workshop Practice II, Lectures	1	S.M.	} 6 15 0
	Practical	3	S.M.	

THIRD YEAR
CIVIL ENGINEERING

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £ s. d.
	*Geology (for Engineers), Lectures	2	U.	3 3 0
	Practical	3	U.	3 3 0
221	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 ¹ , 3 ²	U.	6 6 0
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 ¹	U.	1 11 6
246	First Aid, Lectures	1 ¹		14 0
	Practical	3 ¹		
256	Mechanical Engineering I, Lectures	2 ² , 3 ¹	U.	5 5 0
	Practical	6 ¹ , 3 ²	U.	6 6 0

* This course will not be given until 1956.

ELECTRICAL ENGINEERING

221A	Civil Engineering IA, Lectures	2 ²	U.	3 3 0
	Practical	3	U.	4 4 0
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 ¹	U.	1 11 6
242	Electronic Engineering IB, Lectures	1	U.	1 11 6
	Practical	3 ²	U.	2 12 6
246	First Aid, Lectures	1 ¹	}	14 0
	Practical	3 ¹		
256	Mechanical Engineering I, Lectures	2 ² , 3 ¹	U.	5 5 0
	Practical	6 ¹ , 3 ²	U.	6 6 0

Time available for optional subjects.

MECHANICAL ENGINEERING

221	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 ¹ , 3 ²	U.	6 6 0
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 ¹	U.	1 11 6
246	First Aid, Lectures	1 ¹		14 0
	Practical	3 ¹		
256	Mechanical Engineering I, Lectures	2 ² , 3 ¹	U.	5 5 0
	Practical	6 ¹ , 3 ²	U.	6 6 0

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.

FIRST YEAR

85	Pure Mathematics I, Lectures	3	U.	} 5 5 0
	Tutorial	1	U.	
101	Physics I, Lectures	3	U.	5 5 0
	Practical	3	U.	4 4 0
112	Inorganic Chemistry I, Lectures	2	U.	3 3 0
	Practical	3	U.	5 5 0
248	Engineering Drawing I	4	S.M.	4 10 0
286	Workshop Practice I, Lectures	1 ²	S.M.	} 3 10 0
	Practical	3 ²	S.M.	
246	First Aid, Lectures	1 ¹		14 0
	Practical	3 ¹		
247	General Engineering	1 ¹		

SECOND YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £ s. d.
89A	Pure Mathematics IIA, Lectures	2	U.	} 5 5 0
	Tutorial	1	U.	
87	Applied Mathematics I, Lectures	3	U.	} 5 5 0
	Tutorial	1	U.	
103	Physics II (B.E.), Lectures	2	U.	4 4 0
	Practical	3	U.	6 6 0
276	Surveying I, Lectures	1	U.	1 11 6
	Practical	3	U.	3 3 0
281	Survey Camp			3 3 0
287	Workshop Practice II, Lectures	1	S.M.	} 6 15 0
	Practical	3	S.M.	

THIRD YEAR

91A	Applied Mathematics IIA, Lectures	2	U.	} 5 5 0
	Tutorial	1	U.	
244	Engineering Materials, Lectures	1	}	1 11 6
	Practical	3 ²		
224	Hydraulics, Lectures	1	U.	2 12 6
	Practical	3 ¹	U.	1 11 6
241	Electrical Engineering I, Lectures	2	U.	3 13 6
	Practical	3 ²	U.	3 13 6
249	Engineering Drawing II, Lectures	1 ²	S.M.	} 3 10 0
	Practical	3 ²	S.M.	
274	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
221	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 ¹ , 3 ²	U.	6 6 0
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 ¹	U.	1 11 6
256	Mechanical Engineering I, Lectures	2 ² , 3 ¹	U.	5 5 0
	Practical	6 ¹ , 3 ²	U.	6 6 0

† This course will not be given until 1956.

ELECTRICAL ENGINEERING

221A	Civil Engineering IA, Lectures	2 ²	U.	3 3 0
	Practical	3	U.	4 4 0
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 ¹	U.	1 11 6
242	Electronic Engineering IB, Lectures	1	U.	1 11 6
	Practical	3 ²	U.	2 12 6
256	Mechanical Engineering I, Lectures	2 ² , 3 ¹	U.	5 5 0
	Practical	6 ¹ , 3 ²	U.	6 6 0

Time available for optional subjects.

MECHANICAL ENGINEERING

221	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 ¹ , 3 ²	U.	6 6 0
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 ¹	U.	1 11 6
256	Mechanical Engineering I, Lectures	2 ² , 3 ¹	U.	5 5 0
	Practical	6 ¹ , 3 ²	U.	6 6 0

Time available for optional subjects.

FIFTH YEAR

CIVIL ENGINEERING

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee		
				£	s.	d.
223	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
245	Industrial Engineering, Lectures	2	U.	4	4	0
282	*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

243	Electrical Engineering II— Power Option:					
	Part A: Servomechanisms, Lectures	5 ¹	U.	3	3	0
	Practical	7 ¹	U.	4	4	0
	Part B: Electrical Power, Lectures	1 ¹ , 4 ²	U.	8	8	0
	Practical	4 ¹ , 15 ²	U.	12	12	0
	Electronics, Lectures	1	U.	2	2	0
	Practical	4 ¹	U.	2	2	0
	Seminar	2 ²	U.	2	2	0
	Specialist Lectures	1	U.	2	2	0
	Communications Option:					
	Part A: Servomechanisms, Lectures	3 ¹	U.	3	3	0
	Practical	7 ¹	U.	4	4	0
	Part B: Electronics and Communications					
	Lectures	1 ¹ , 4 ²	U.	8	8	0
	Practical	4 ¹ , 15 ²	U.	12	12	0
	Electrical Power, Lectures	1	U.	2	2	0
	Practical	4 ¹	U.	2	2	0
	Seminar	2 ²	U.	2	2	0
	Specialist Lectures	1	U.	2	2	0
245	Industrial Engineering	2	U.	4	4	0

MECHANICAL ENGINEERING

257	Mechanical Engineering II— Part A, Thermodynamics, Lectures	4 ¹ , 2 ¹	U.	4	4	0
	Practical	3	U.	6	16	6
	Fluid Mechanics, Lectures	1	U.	3	3	0
	Practical	3 ¹	U.	1	11	6
	Part B, Theory of Machines II, Lectures	2 ¹ , 1 ²	U.	3	3	0
	Practical	3 ²	U.	3	3	0
	Machine Design II, Lectures	2 ²	U.	3	3	0
	Practical	6	U.	6	6	0
245	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 15 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 total	U.	10	10	0

ARCHITECTURAL ENGINEERING

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £ s. d.
112*	Inorganic Chemistry I, Lectures	2	U.	3 3 0
	Practical	3	U. or S.M. }	5 5 0
234	Architectural Drawing I	4	S.M.	4 10 0
232	Free Drawing I	3	S.M.	4 10 0
219	Building Construction and Drawing I	3	S.M.	6 0 0
85	Pure Mathematics I, Lectures	3	U. }	5 5 0
	Tutorial	1	U. }	
101	Physics I, Lectures	3	U.	5 5 0
	Practical	3	U.	4 4 0
212	Architectural History I, Lectures	1	S.M. }	6 0 0
	Practical	2	S.M. }	
247	General Engineering	1 ²	U.	—

SECOND YEAR

91*	Applied Mathematics I, Lectures	3	U. }	5 5 0
	Tutorial	1	U. }	
89A*	Pure Mathematics IIA, Lectures	3	U. }	5 5 0
	Tutorial	1	U. }	
220	Building Construction and Drawing II, Lectures	1 ²	S.M. }	6 0 0
	Practical	2	S.M. }	
214	Architectural Design I	3	S.M.	6 0 0
213	Architectural History II, Lectures	1	S.M. }	6 0 0
	Practical	2	S.M. }	
233	Free Drawing II	3	S.M.	4 10 0
237	Architectural Drawing II	4	S.M.	4 10 0

THIRD YEAR

141*	Geology I, Lectures	2	U.	3 3 0
	Practical	3	U.	3 3 0
215	Architectural Design II	6	S.M.	6 15 0
209	Architectural Theory Construction and Practice I, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
274	Strength of Materials, Lectures	2	U.	4 4 0
	Practical	3	U.	4 4 0
246	First Aid	3 ¹		0 14 0

FOURTH YEAR

216	Architectural Design III	6	S.M.	9 15 0
210	Architectural Theory Construction and Practice II, Lectures	2	S.M. }	6 15 0
	Practical	3	S.M. }	
221	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 ¹ 3 ²	U.	6 6 0
277	Surveying IA, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	

FIFTH YEAR

211	Architectural Theory Construction and Practice III, Lectures	3	S.M. }	8 8 0
	Practical	3	S.M. }	
217	Architectural Thesis	•	S.M.	6 0 0
228*	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.

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 articled to a practitioner of the Supreme Court whose office is more than ten miles distant from the University shall be exempt from the requirements of this Regulation.

8. If in any subject a candidate does not pass either at the annual or at the supplementary examination he shall again comply with the requirements of Regulation 7 in respect of such subject before again presenting himself for examination in that subject.

9. Written and practical work done by a candidate and the results of terminal or other examinations in any subject may be taken into consideration at the annual or supplementary examination for that subject; and a candidate may be required to submit himself for a *viva voce* examination in any subject in addition to the written examinations. All students whether exempted from attendance at lectures or not shall do such written and practical work as may be required by the lecturer.

10. All students shall be classified as proceeding either to the degree of Bachelor of Laws, or to the Final Certificate, but any student may at any time (even after obtaining the Final Certificate) be removed from one class into the other on application to the Faculty of Law, and all subjects in which he has passed while in the one class will be credited to him in the other.

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 the fees prescribed in the examination in the subjects numbered (iv) and (v) in Regulation 3 of Bachelor of Arts. Regulations of the degree
- (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.

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 Society¹ of his intention to present himself before the Board of Examiners², and
- (d) has attended personally before the Board of Examiners².

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;

¹The Law Society of South Australia, Incorporated.

²The Board of Examiners of the Supreme Court of South Australia.

- (c) produce to the Master³ 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 Society¹ of the execution of the articles.

7. Within one month of the execution of any assignment of any articles the articted clerk shall—

- (a) file the assignment;
- (b) file an affidavit verifying the execution and date of the assignment; and
- (c) give notice to the Society¹ of the execution of the assignment.

8. (1) Every articted clerk shall during the full term of his articles be employed under the personal supervision of—

- (a) the practitioner to whom he is articted; 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 articted.

(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 articted clerk shall during the period of his articles pursue any occupation or business other than the proper business of a practitioner.

(b) A clerk articted 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 Examiners² that—

¹ The Law Society of South Australia, Incorporated.

² The Board of Examiners of the Supreme Court of South Australia.

³ The Master of the Supreme Court of South Australia.

- (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
- (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 Examiners² 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 Board², 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 Examiners² 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.

² 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 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 sub-

* Allowed 10th December, 1930.

ject of law proposed by him and approved by the Faculty of Law. He must satisfy the examiners by such proof as they shall require that the thesis is his own composition.

3. The examiners may, if they think fit, examine the candidate either orally or by written questions in the subject matter of his thesis.

4. A printed or typewritten copy of any thesis approved by the examiners shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

5. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Doctor of Laws.

*6. The following fees shall be paid in advance:

On submission of the thesis for examination	-£21	0	0
On admission to the degree	-	5	5

†7. Repealed.

* Allowed 14th December, 1950. † Repealed 10th December, 1930.
Allowed 12th December, 1907.

OF THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY REGULATIONS

†1. To qualify for the degrees of Bachelor of Medicine and Bachelor of Surgery a student must after matriculation complete not less than six years' medical study and pass five examinations. He may enter for the First Examination at the end of one year of study; for the Second Examination at the end of one year of study after passing the First Examination; for the Third Examination at the end of one year of study after passing the Second Examination; for the Fourth Examination at the end of two years of study after passing the Third Examination; and for the Fifth Examination at the end of one year of study after passing the Fourth Examination.

†2. The student shall forward to the Registrar notice of his intention to present himself at any examination, and furnish certificates of having completed the course of study and practice prescribed for that examination.

3. Schedules and syllabus prescribing details of the course of study and practice for each year shall be drawn up by the Faculty of Medicine, and, after approval by the Council, shall be published before the commencement of each academic year.

* 4. The student shall attend lectures and do written and laboratory or other practical work to the satisfaction of the Professors or Lecturers.

§Written or practical work done by candidates by direction of the professors, lecturers or clinical lecturers, and the results of terminal

* Allowed 1954.

† Allowed 1st December, 1921, and amended 5th December, 1935.

§ Allowed 5th December, 1935. ‡ Allowed 22nd January, 1953.

or other examinations approved by the Faculty in any subject may be taken into consideration at the final examination in that subject.

5. 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.

†6. 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 First, Second, Third, or Fourth ordinary examinations or who has failed in part of such examination. But if he fail to pass he shall be required to pass at an ordinary examination in all the subjects of the examination before proceeding further in his course. A candidate who fails to pass an examination shall do such additional work as the Faculty may direct before presenting himself for further examination.

‡7. All ordinary examinations shall be held in or about November and the supplementary First, Second, Third and Fourth Examinations shall be held in March. A Fifth Examination shall be held also in May or June. On the recommendation of the Board of Examiners, the Faculty may debar any candidate who has failed in his Fifth Examination from presenting himself at a subsequent Fifth Examination until a period of twelve months shall have elapsed since that failure. Before sitting for a further Fifth Examination a candidate shall produce a certificate that he has performed such further study as may be prescribed by the Board of Examiners. At its discretion the Board may permit a candidate who has failed at the Fifth 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.

8. The student shall not be re-examined at the supplementary examination in any subject in which he has passed at the ordinary examination 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 without classification.

¶8a. 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

† Allowed 7th December, 1939, and amended 14th December, 1950.

‡ Allowed 22nd January, 1953. ¶ Allowed 30th November, 1933.

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. 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.

†10. At the First Examination the student shall satisfy the examiners in each of the following subjects:—

1. Physics (321);
2. Chemistry (322);
3. Botany (323);
4. Zoology (324).

§10a. At the Second Examination the student shall satisfy the examiners in each of the following subjects:—

1. Biochemistry (331);
2. Histology and Embryology (332).

§11. At the Third Examination the student shall satisfy the examiners in each of the following subjects:

1. Anatomy (335);
2. Physiology (336).

§12. At the Fourth Examination the student shall satisfy the examiners in each of the following groups of subjects:

- (a) Pathology and Bacteriology (341);
- (b) Applied Physiology and Pharmacology (342);
- (c) Practical Pharmacy, Pharmaceutical Materia Medica and Posology (343);
- (d) Public Health and Preventive Medicine, and Forensic Medicine (344).

‡13. At the Fifth Examination the student 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 (351);
- ‡2. The Science and Art of Surgery, including Surgical Diseases of Children and Diseases of the Eye, Ear, Nose and Throat (352);
3. Obstetrics and Gynaecology (353).

**14. The fee for the course of six years, including the ordinary examinations, shall be two hundred and forty pounds, payable in advance either in sums of forty pounds a year or in such instalments as the Council may decide. The fees for separate subjects shall be as prescribed by the Council from time to time.

• Allowed 11th December, 1924. † Allowed 3rd January, 1929.

•• Allowed 7th December, 1927, and amended 17th January, 1952.

‡ Allowed 10th December, 1930.

§ Allowed 7th December, 1939, and amended 8th December, 1949.

† Note.—The examination in the Science and Art of Surgery includes within its scope Regional and Surgical Anatomy and Operative Surgery.

§The fee payable by each student for a supplementary examination shall be:

In any single subject	-	-	-	-	-	£3	3	0
In any group of subjects	-	-	-	-	-	5	5	0

Half the annual fee shall be paid by any student taking the year's course of instruction, or an annual examination, or both, the second time.

15. 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.

16. All questions arising under these Regulations shall be determined by the Council.

Note.—The fees do not include Hospital Fees.

Allowed 1st December, 1921, and amended 6th December, 1922.

SCHEDULES.

[When entering upon the medical course the student must provide himself with a microscope approved by the Professor of Bacteriology.]

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 I.

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 and practical work in General Pathology;
- (e) attend a course of lectures in Normal Psychology;
- (f) attend a course of lectures in Public Health;
- (g) 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;
- (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.

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—

(a) assist the Admitting Medical Officer in the Casualty Room;

(b) examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;

(c) attend or assist at emergency operations, as directed by the Medical Superintendent;

(d) write, at the dictation of the Admitting Medical Officer, a summary of investigation and emergency treatment carried out, and submit such to the Resident Medical Officer to whom the patient is assigned.

13. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.

14. {

15. { Suspended.

16. }

17. Every medical student shall pay to the 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:—

1. For the medical and surgical practice of the Hospital for each student during his fourth or fifth year, £5 5/- a year.

2. For both medical and surgical practice and practice in special subjects (as in the sixth year), £10 10/- a year.

3. For instruction in the post-mortem room, £2 2/- each year for two years.

4. 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:—

1. An entrance fee when commencing the clinical practice of the Hospital, £5 5/-.

2. For instruction in dentistry, £2 2/-.

3. 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:—

1. For material in bacteriology, £1 1/-.

2. For material in practical pathology, £2 2/-.

Approved by the Council, 1925 and 1933.

INSTITUTE OF MEDICAL AND VETERINARY SCIENCE
RULES FOR MEDICAL STUDENTS

1. The Adelaide Medical Students' Society shall early in each academic year appoint a Committee which shall be responsible for the care of any property at the Institute of Medical and Veterinary Science used by medical students. One of the members of the Committee shall be appointed secretary of the Committee. The members of the Committee shall hold office until their successors are appointed.

2. The names of the members of the Committee shall be forwarded annually by the secretary of the Committee to the Registrar of the University and the Secretary of the Institute.

3. In the event of damage being caused by students to the grounds or property of the Institute, the Secretary of the Institute shall at once report the fact to the Secretary of the Committee.

4. The members of the Committee shall consider any report given under paragraph 3 and if satisfied that the damage reported has been caused by students shall hold themselves responsible to make good the damage to the satisfaction of the Director of the Institute.

5. If the members of the Committee are not satisfied that the damage has been caused by students they shall inform the Secretary of the Institute and report at once to the Registrar of the University in order that he may arrange a conference between them and representatives of the Council of the Institute. If no understanding is then reached a joint letter from the conference shall be sent to the Board of Discipline.

6. No student may introduce visitors into the Institute without the permission of the Director of the Institute.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF
THE ADELAIDE CHILDREN'S HOSPITAL

Medical students of the University are admitted to the practice of the Adelaide Children's Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that the Board of Management may make from time to time:—

1. Students may attend the practice of the Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon, and at other times if they have obtained the permission of one of the Visiting or Resident Medical Officers.

They shall carry out their duties in the wards and outpatients' department in a manner similar to that indicated in the rules for the Royal Adelaide Hospital.

2. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.
3. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.
4. The fees to be paid are as follows:—

For three months' course	-	-	-	-	-	-	£1	1	0
For perpetual attendance	-	-	-	-	-	-	2	2	0
(These fees are to be paid to the Secretary of the Hospital.)									
For instruction in the medical and surgical practice of the hospital	-	-	-	-	-	-	3	3	0
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 NORTHFIELD 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.

* Awaiting allowance at time of printing.

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. † Awaiting allowance at time of printing.

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 Superintendent of the Dental Hospital, 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.

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 (402).
2. Physics (401).
3. Zoology (403).
- §4. Dental Materials and Technics I (404).

*11. At the Second Examination the student shall satisfy the examiners in each of the following subjects:—

1. Anatomy and Histology (411).
2. Junior Dental Anatomy (412).
3. Physiology and Biochemistry (413 and 414).
4. Dental Histology (411).
- §5. Dental Materials and Technics II (415).

†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 (421).
2. Dental Metallurgy (422).
3. Senior Dental Anatomy (423).
4. Prosthetic Dentistry (425).
5. Operative Dentistry I (426).

†13. At the Fourth Examination the student shall satisfy the examiners in each of the following subjects:—

1. General Surgery (431).
2. General Medicine (432).
3. Prosthetic Dentistry (434).
4. Crown and Bridge Work (435).
5. Dental Materia Medica and Therapeutics (437).
6. General Dental Practice.
7. Operative Dentistry II (438).

§14. At the Fifth Examination the student shall satisfy the examiners in each of the following subjects:—

1. Anaesthetics (441).
2. Dental Surgery and Pathology (433).
3. Prosthetic Dentistry (442).
4. Orthodontia (436 and 443).
5. Periodontia (447).
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 Practise 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.

‡ Awaiting allowance at time of printing.

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.

* Awaiting allowance at time of printing.

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

I. Schedule of Examinations made by the Council under Regulation 7.

1. At the First Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Chief Practical Study I
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"> 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. Modern Languages II 7. Speech Training II | <p>OR (b) Operatic Singing</p> <ol style="list-style-type: none"> 1. Chief Practical Study II 2. Drama II 3. History of Music I 4. Sight Reading and Aural Training II 5. Harmony II 6. Modern Languages II 7. Speech Training II |
|---|--|
- 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
1. Chief Practical Study III
2. Second Practical Study III
3. History of Music II
4. Modern Languages III
5. Harmony III
6. Sight Reading and Aural Training III | OR (b) Operatic Singing
1. Chief Practical Study III
2. Drama III
3. History of Music II
4. Modern Languages III
5. Harmony III
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/-.

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
On admission to the degree	-	-	5	5
			0	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 (481),
2. Accountancy II (482),
3. Commercial Law I (485),
4. Commercial Law II (486),
5. Economics (489),
6. Statistics I (56),

and in two of the following:—

1. Accountancy III (483),
2. Commercial Law III (487),
3. Economic History (45),
4. Economics II (52),
5. Economics III (53),
6. Pure Mathematics I (85),
7. Statistics II and Actuarial Mathematics (57).

* 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 (489),
2. Statistics I (56),
3. Political Institutions (495),
4. Public Administration (496),
5. Public Finance (497),
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 (52) and III (53) and Economic History (45); 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 (52) or Economic History (45).

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.

* Allowed 11th December, 1947.

¶ Amended 11th December, 1941.

11. A candidate who has failed to pass in any subject or who has not presented himself for examination, shall again attend lectures and 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
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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 I and 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 be provided in 1954, and the course in Political Institutions in that year will comprise the first two terms' work in Political Science. The course in Public Finance will be provided in 1953.

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;
 Social Economics or Economics I;
 Political Science;
 Public Administration;
 Public Finance;

and one of the following pairs of subjects:

Economics II and III;
 Accountancy I and II;
 Pure Mathematics I and Economic Statistics I;
 Economic Geography and History IIB;
 History IC and either History IIB or International Relations.

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: Candidates proposing to take Economics II and III must take Economics I and *not* Social Economics.

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 (501, 502, and 503); Pharmacy I (504); Organic Chemistry (505 and 506); Biology (507); Botany and Pharmacognosy (508); Pharmacy II (509, 510 and 511); Pharmacy III (512, 513 and 514); and Pharmacy IV (515, 516, 517, 518 and 519).
- (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.

** Awaiting allowance at time of printing.

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.

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 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 FOR THE DIPLOMA IN PHYSICAL EDUCATION

RULES

1. The Council may award each year four free places in the full course for the Diploma 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.
 - †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.

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;
 Social Biology;
 Economic History, *or* Political Science, *or* Social History;
 Principles and Practice of Social Work I and II;
 Social Psychology;
 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

1. There shall be a Diploma in Physiotherapy.

2. A candidate for admission to the course for the Diploma shall

(a) be not less than eighteen years of age;

‡(b) have passed in at least four subjects at the Leaving Examination, including English and at least two of Physics, 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) (571).
- (2) Physiology (572).
- (3) Physics (including the Physics of Medical Electricity) (573).
- (4) Theory of Massage and Manipulation (574).
- * (5) Social Psychology (576).

*7. At the Second Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Anatomy II (including Histology) (581).
- ‡ (2) Theory of Treatments and Practice of Massage (582).
- (3) Theory of Movement (583).
- (4) Theory of Medical Electricity (584).
- (5) Pathology (585).

8. At the Third Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Practice of Massage (592).
- (2) Practice of Remedial Exercises (592).
- (3) Practice of Medical Electricity (584).
- (4) Theory and Practice of Muscle Re-education (591).
- ‡ (5) Theory and Practice of Specialised Treatments (593).

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.

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-

* Awaiting allowance at time of printing.

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 nine 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);
- (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; and
- (c) the Board may in special cases prescribe that a candidate's approved course shall extend over a period of less than nine terms. In determining the period of a candidate's course pursuant to this regulation the Board may take into account work done by the candidate within the University (or at other Universities or Institutions) before his enrolment for the degree, and may in special cases remit not more than three terms for work done previously, provided that a candidate satisfies the Board that he has been engaged in research for not less than one year to the satisfaction of those under whom he worked.

For the purposes of this regulation the Board may regard a calendar year as being equivalent to four terms, the period commencing on the fourth Monday of the year and continuing until the beginning of the academic year being counted as a term for this purpose.

14. Each candidate for the degree shall at the end of his approved course, or within such period thereafter as the Board allows, present in such form as the Board prescribes not less than two 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. 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.

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. Graduates in Architectural Engineering, and graduates who were admitted to the degree of Bachelor of Engineering prior to the establishment of an Honours School in their course and who have an academic record approved by the Board may proceed to the degree of Doctor of Philosophy in three calendar years—i.e., in twelve terms as specified in Regulation 13.

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	Each course	5 5 0
Old and Middle French I and II. Each course	Each course	5 5 0
First-year and second-year Honours courses in Mathematics. Each course	Each course	5 5 0
3. For lectures in the following schools:		
Classics		15 15 0
Political Science and 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
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	.....	.....	5	5	0
Statistical Methods	.....	.....	5	5	0
Mathematical Statistics	.....	.....	5	5	0
2. Physics I	.....	.....	5	5	0
Physics II	.....	.....	6	6	0
Physics III	.....	.....	8	8	0
3. Chemistry I	.....	.....	5	5	0
Organic Chemistry II	.....	.....	4	4	0
Organic Chemistry III	.....	.....	5	5	0
Inorganic and Physical Chemistry II	.....	.....	4	4	0
Inorganic and Physical Chemistry III	.....	.....	5	5	0
4. Biochemistry I	.....	.....	4	4	0
Biochemistry II	.....	.....	5	5	0
Physiology	.....	.....	5	5	0

TABLE OF FEES

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 Palæontological 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
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 447 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 II, 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

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, the Accountant, the Heads of affiliated Colleges, 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, and such other persons as the Council 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 for week-ends only, from 11.30 a.m. on the 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 shall be issued from the Library to those entitled to borrow under Section IV, 1. Part-time lecturers, senior research fellows, junior research fellows and senior research scholars may borrow bound volumes of periodicals for a period not exceeding 14 days. Other members of the teaching and research staffs and Honours and post-graduate students may borrow such bound volumes as are approved by a professor, but the approval of the professor 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

* Approved by the Council, October, 1944.

periodical shall be retained by a borrower more than 14 days from the time of borrowing.

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.

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 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.

* Approved by the Council, February, 1945.

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) | |
| 2 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.

7. All preparations made from materials supplied by the University shall be its property.

8. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

9. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

* Revised by Council, July, 1948. † Approved by Council, February, 1945.

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 a deposit of £2.* Against this deposit will be charged the cost of apparatus broken, and incidental expenses such as glass, filter paper, platinum wire, and sundries. If at any time the amount of deposit has been exceeded, an additional deposit fee will be called for, and must be paid forthwith. Any credit balance will be refunded at the end of the course.

5. The larger and more expensive pieces of apparatus will be supplied on loan by the storekeeper, and must be signed for by the student. Such apparatus must be returned in a clean condition, or otherwise it will be charged for.

6. All preparations made from materials supplied by the University shall be its property.

7. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

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.

* Approved by the Council, 1930.

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 Physics Department is well equipped for the work of standardizing measures, gauges, etc.; of calibrating electrical instruments, pyrometers, or other measuring instruments; and of testing the mechanical, electrical, or magnetic properties of samples of material.

The Engineering Testing Laboratory is prepared to undertake all the usual physical tests on engineering materials, such as tests for the tensile, torsional, compressive, and shearing strengths of metals; determination of elastic constants, hardness, and elastic limit; the measurement of the transverse and compressive strengths of timbers, and the determination of the moisture content; tests for cement, and the examination of the suitability of different aggregates for concrete, and tests on the strength and porosity of concrete and other materials.

RULES OF THE LABORATORIES OF PHYSIOLOGY AND BIOCHEMISTRY

1. The Laboratory 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 and 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 1954

PART V

Syllabuses—	Page
Arts - - - - -	553
Economics - - - - -	573
Diploma in Education - - - - -	587
Science - - - - -	591
Agricultural Science - - - - -	613
Engineering - - - - -	620
Law - - - - -	641
Medicine - - - - -	645
Dentistry - - - - -	654
Music - - - - -	664
Commercial Studies - - - - -	670
Pharmacy - - - - -	677
Physical Education - - - - -	682
Social Science - - - - -	687
Physiotherapy - - - - -	694
Time-tables - - - - -	699

SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA COURSES FOR 1954.

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

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 1954:
 - Demosthenes, *On the peace*, Second Philippic; *On the Chersonese*, Third Philippic (ed. J. E. Sandys, Macmillan).
 - Homer, *Odyssey*, Books I-II (ed. W. B. Stanford, Macmillan).
 - Sophocles, *Oedipus at Colonus* (ed. R. C. Jebb and E. S. Shuckburgh, C.U.P.).
- (d) Questions on grammar and the subject-matter of the books set, with special reference to the lectures given.

2. Greek II.

Same course as Greek I, but in addition are prescribed for 1954:

Bacchylides, *Odes* (Text, ed. R. C. Jebb, C.U.P.).
Plato, *Republic* VI-VII.

3. Greek III.

- (a) Translation from English into Greek.
- (b) Translation from Greek into English.
- (c) Books specially set for 1954:
 - Homer, *Odyssey* X-XII.
 - Pindar, *Pythian Odes*.
 - Plato, *Republic* VI-VII.
 - Thucydides, *Book III*.
 - Lysias, *Select speeches*.
- (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 1954:
 - Cicero, *Second Philippic* (ed. A. G. Peskett, C.U.P.).
 - Vergil, *Aeneid, Book I* (in Vergil, *Aeneid, Books I-VI*, ed. Page, T. E., Macmillan. Students will require a text of *Aeneid I-VI*).
 - Catullus, *Select poems* (ed. Simpson, F. P., Macmillan).
- (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 1954:
 - Plautus, *Rudens* (ed. E. A. Sonnenschein, O.U.P.).
 - Cicero, *de Officiis III* (ed. Holden, C.U.P.).
 - Propertius, *Selections* (ed. J. P. Postgate, Macmillan).
 - Pliny, *Selected Letters* (ed. T. Merrill, Macmillan).
 - Ancient books; students should read Kenyon, F.G., *Books and readers in ancient Greece and Rome* (O.U.P.).
- Questions will be asked on the history of ancient books.

7. Latin III.

- (a) Translation from English into Latin.
- (b) Translation from Latin into English.
- (c) Books specially set for 1954:
 - As for Latin II, together with Vergil, *Aeneid, Books X-XII*
- (d) Roman history to the death of Trajan. In addition to a general account of the subject (e.g., Pelham, H. F., *Outlines of Roman History*, Rivingtons, or Cary, M., *A 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 1954:

- (i) Greek history, 387-338 B.C.
- (ii) Roman history, 44 B.C.-14 A.D.
- (iii) The Stoics and the Sceptics.

For 1955:

- (i) Greek history to 494 B.C.
- (ii) Roman history, 14-70 A.D.
- (iii) The Pre-Socratics.

Books specially set for 1954:

- Homer, *Iliad*, Books I-XII.
 Pindar, *Pythian Odes*.
 Aeschylus, *Eumenides*.
 Sophocles, *Oedipus at Colonus*.
 Aristophanes, *Frogs*.
 Herodotus, *Book I*.
 Thucydides, *Book II*.
 Plato, *Cratylus*, *Sophist*.
 Demosthenes, *On the Crown*.
 Aristotle, *Ethics*, Books I, II, X, *Poetics*.
 Plautus, *Mostellaria*.
 Lucretius, *Book I*.
 Vergil, *Aeneid*, Books VII-XII.
 Horace, *Odes*, *Book IV*, *Epistles*, Books I and II and *Art of poetry*.
 Martial, *Books I-VI* (selection by Bridge and Lake, O.U.P.).
 Cicero, *de Finibus*, Books III-IV, *Orator*.
 Sallust, *Catilina*.
 Livy, *Books II-III*.
 Tacitus, *Annals*, Books XII-XIII.
 St. Augustine, *de Civitate Dei*, Books VII-VIII.

* Translation into verse is optional. Proficiency in Greek and Latin verse composition will be indicated by the letters G and L respectively appended to the candidate's name in the class list.

In addition, students will require:

Greek philosophy, a collection of texts (C. J. de Vogel, Brill, Leiden).

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 Timorurnenos*.

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.

In addition, students will require:

Greek philosophy, a collection of texts (C. J. de Vogel, Brill, Leiden).

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. 180.
- (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

15. 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.

- 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, *Tom Jones*.
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. Chaucer, *Prologue to The Canterbury Tales* in *Selections from Chaucer*, ed. Cowling (Ginn).
Spenser, *Prothalamion* and *Epithalamion*.
Donne, *Satire III*.
Milton, *Samson Agonistes*.
Dryden, *The secular masque*.
Johnson, *The vanity of human wishes*.
Wordsworth, *Tintern Abbey*.
Byron, *The vision of judgment*.
Eliot, *The waste land*.
Browning, *Fra Lippo Lippi*.

There will be two lectures on Australian poetry in this section of the course and any of the following anthologies should be acquired by students:

- Mackaness, *An Australian anthology* (Angus and Robertson).
- Serle, *An Australasian anthology* (Collins).
- Murdoch and Mulgun, *A book of Australian and New Zealand verse* (Oxford).
- E. Bunyan, *Pilgrim's progress*.
Swift, *Gulliver's travels*.
Lamb, *Essays of Elia*.
Tristram, *Newman's idea of a liberal education* (Harrap).
Churchill, *Painting as a pastime* (Odhams).
- 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.

16. 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.

A detailed knowledge of the following books will be required:

- Chaucer, *Selections from Chaucer*, ed. Cowling (Ginn).
 Spenser, *The Faerie Queene*, Book VI.
 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).

17. 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*.
 Pope, *Poems, epistles and satires*.
 Johnson, *Lives of the poets*.
 Sir Thomas Browne, *Religio Medici*.
 Swift, *The battle of the books*; *A tale of a tub*.
 Addison, *The Spectator*.
 Richardson, *Pamela*.
 Fielding, *Joseph Andrews*.
 Sterne, *A sentimental journey*.
 Goldsmith, *The vicar of Wakefield*.
 Sheridan, *The critic*.
Shorter novels (Everyman, vols. II and III).

18. English III.

An outline of English literature in the nineteenth and twentieth centuries.

- A. Poetry.
 B. Prose.
 C. Australian literature. (These lectures will not be given until 1955.)
 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, Eliot.
 B. Carlyle, *Heroes and hero-worship*.
 Arnold, *Culture and anarchy*.
 Pater, *Appreciations*.
 Maria Edgeworth, *Tales*.
 Jane Austen, *Emma*.
 Scott, *Guy Mannering*.
 Peacock, *Crochet Castle*.
 Disraeli, *Sybil*.
 Dickens, *Martin Chuzzlewit*.
 Thackeray, *Henry Esmond*.
 George Eliot, *Middlemarch*.
 Hardy, *Tess of the d'Urbervilles*.
 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*.

C. H. M. Green, *Modern Australian poets*.

At least three of the following should be read:

Kylie Tennant, *The battlers*.
 Miles Franklin, *All that swagger*.
 Xavier Herbert, *Capricornia*.
 Eleanor Dark, *The timeless land*.
 Katherine S. Pritchard, *Working bullocks*.
 Dal Stivens, *The courtship of uncle Henry*.
 Gavin Casey (various short stories).
 Douglas Stewart, *The girl with the red hair*.
 Sarah Champion (The *Mo Burdekin* books).
 Eve Langley, *The peapickers*.
 Geoffrey Dutton, *The mortal and the marble*.
 Brent of Bin Bin, *Up the country or Prelude to waking*.
 Patrick White, *Happy valley*.

D. D. Nichol Smith, *Shakespearean criticism*.

Anne Bradby, *Shakespeare criticism, 1919-1935*.
 E. D. Jones, *English critical essays, 16th-18th centuries*.

20. English Language and Literature for the Honours Degree of B.A.

Candidates adopting *Scheme A* will take the following nine papers (see comment below); candidates adopting *Scheme B* will take papers (iii)-(ix). 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) Chaucer to Dunbar.
- (iv) Shakespeare and the Elizabethan drama.
- (v) Skelton to Milton.
- (vi) Dryden to Blake.
- (vii) Wordsworth to the present day.
- (viii) Literary criticism: passages for comment.
- (ix) Essay paper.
- (x) Australian 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.

22. 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 take papers III-IX and either Old and Middle English I or such other unit or units as the Faculty may in each case determine.

Candidates should consult the Professor concerning the subject of their thesis 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.

Candidates who wish to qualify for the degree of M.A. under regulation 2 (b) and propose to combine English with another subject are required in their preliminary examination in English to take papers IV, V, VI, VII, and either III or VIII or Old and Middle English I.

Candidates combining English with another subject must, in their final examination, sit for two papers in English on a special subject or period, to be determined in consultation with the Professor, and must, in addition, present an essay, written during the preceding twelve months, on some topic connected with their special subject or period.

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 1954:

26. French I.

- (a) Free composition in French and translation from English into French.

Prescribed books:

Whitmarsh and Jukes, *Advanced French Course* (Longmans).

For reference:

Grammaire Larousse du XX^e siècle, or Grevisse, *Le bon usage* (Paris, Geuthner).

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^e siècle (6 vols.).

- (b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Whitmarsh and Jukes, *Advanced French Course*; poems nos. 1, 4, 7, 8, 9, 12, 14, 15, 17, 18, 19, 21, 23, 26, 27, 29, 30, 32, 33, 36, 38, 39, 40, 42, 43, 46, 47, 49, 50, 51, 53, 61.

Corneille, *Le Cid* (Classiques Larousse).

Molière *Le Bourgeois gentilhomme* (ed. Wilson; Harrap).

Mérimée, *Carmen* (Classiques Larousse).

Labiche and Martin, *Le voyage de Monsieur Perrichon* (ed. Wells; Harrap).

Frison-Roche, *Premier de cordée* (ed. Thompson; Harrap).

- (c) Orals.
Prescribed book:
Crampton, *Gaudissart* (O.U.P.).
- (d) Literature: Representative works.
Prescribed books: As for (b).
For reference:
Bédier and Hazard, *Histoire illustrée de la littérature française* (Larousse).
Lanson, *Histoire illustrée de la littérature française* (Hachette).
- (e) Elementary geography of France and history of French civilisation.
Prescribed book:
Ledésert and Smith, *La France* (Harrap).
- 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.

27. French II.

- (a) Free composition in French and translation from English into French.
Prescribed books:
Kastner and Marks, *A new course of French composition, Book III* (Dent).
For reference: As for French I.
- (b) Translation of unseen and prescribed French texts into English.
Prescribed books:
Corneille, *Polyeucte* (ed. Sayce; Blackwell).
Molière, *Don Juan* (ed. Weekley; C.U.P.).
Racine, *Phèdre* (ed. Knight; Manchester U.P.).
Fénelon, *Télémaque* (ed. Cahen; Hachette).
Voltaire, *Lettres philosophiques* (ed. Taylor; Blackwell).
Marivaux, *Le Jeu de l'amour et du hasard* (ed. Shackleton; Harrap).
Prévost, *Manon Lescaut* (C.U.P.).
- (c) Orals.
- (d) Literature: The seventeenth and eighteenth 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. 1;
OR Braunschvig, *Notre littérature étudiée dans les textes*, vol. 1, from ch. xiii to the end; Vol. 2, ch. i-xxxvi.

28. French III.

- (a) Free composition in French and translation from English into French.
Prescribed books: As for French II.
For reference: As for French I.
- (b) Translation of unseen and prescribed French texts into English.
Prescribed books:
Anthologie des Poètes du XIX^e siècle (ed. Maynial; Hachette).
Balzac, *La Rabouilleuse* (Classiques Delmas).
Musset, *Il ne faut jurer de rien* (Classiques Larousse).
Flaubert, *Trois contes* (Classiques Delmas).
Duhamel, *Le notaire du Havre* (Harrap).
Jules Supervielle, *Contes et Poèmes* (ed. Orr; Edinburgh U.P.).
- (c) Orals.
- (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* (Harrap), vol. 2, chs. xxxvii-xliv; and Braunschvig, M., *La littérature française contemporaine* (Harrap), chs. i-iv.

The Violet de Mole prize, of the value of two 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.

30. 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, parts I and II, as set out below;
- (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^e siècle* (Hatier).
 Du Bellay, *Défense et illustration de la langue française*.
 Robert Garnier, *Les Juifves*.
 Corneille, *L'illusion comique, 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, 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*.
 Fenelon, *Télémaque*.
 Boileau, *Satires II, III, VI, IX, X; Epîtres 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*.
 Sedaine, *Le philosophe sans le savoir*.
 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*.
 Rousseau, *La nouvelle Héloïse*.
 Bernardin de Saint-Pierre, *Paul et Virginie*.
 Chénier, *L'Aveugle*.

THIRD YEAR:

- Chateaubriand, *Atala; René; Mémoires d'outre-tombe* (extraits).
 Benjamin Constant, *Adolphe*.
 Lamartine, *Méditations poétiques*.
 Vigny *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 *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 *Châteaubriant, 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.*
 Pascal, *Lettres provinciales, I, IV, XIII; Pensées* (ed. Brunschvicg OR Tourneur OR Lafuma).
 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 Mauriac
Génitrix; OR Bernanos, *Journal d'un curé de campagne*.

Jules Romains, *Les hommes de bonne volonté I (Le 6 octobre)*.

Joseph Kessel, *L'armée des ombres*.

Seignobos, *Histoire sincère de la nation française*.

Students who have obtained the permission of the Faculty to combine French with another subject for the Honours degree may be excused some or all of the additional work in the second and third years, and some of the work of the fourth year.

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*.

Students combining French with another subject may be excused any two of the papers (e), (f), and (g).

31. 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 la 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.

32. 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.

33. 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.

* There will be an Honours course in German from the beginning of 1955.

36. 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*.

Cassell's New German Dictionary, especially later eds.

(c) Outline of the general history of German life and culture: class lectures are given. This is a two-year series of lectures covering the whole of German culture. In 1954 the lectures will deal with German culture from the Völkerwanderung to the 18th century. A student taking only a one-year course in German will attend the course provided in that year.

Recommended for background reading:

Taylor, A. J. P., *Course of German history* (Hamilton, 1945).

Barracrough, G., *Factors in German history* (Blackwell, 1946).

Ehrismann, G., *Geschichte der dt. Literatur bis zum Ausgang des Mittelalters* (München, 1932).

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).

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).

- (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:

Lessing, *Nathan der Weise* (Harrap).
Goethe, *Egmont* (Harrap).
Keller, *Romeo und Julia auf dem Dorfe* (Harrap).
Storm, *Der Schimmelreiter* (Methuen).
Mann, T., *Tonio Kröger* (Blackwell).
Schweitzer, A., *Selections* (Macmillan).

37. 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) Outline of the general history of German life and culture: class lectures are given. This is a two-year series of lectures covering the whole of German culture. In 1954 the lectures will deal with German culture from the Völkerwanderung to the 18th century. A student taking German II must attend the course of lecture not included in his course in German I.
Recommended for background reading:
(See list under German I).
- (d) History of German literature since 1870: class lectures are given.

Text-book:

Fiedler, *Oxford books of German verse and prose*.

Books set for reading:

Hauptmann, G., *Bahnwärter Thiel* (Blackwell).
Mann, T., *Der Tod in Venedig* (any ed.).
von Hofmannsthal, H., *Jedermann* (any ed.).
Kaiser, G., *Die Bürger von Calais* (Kessler, Mannheim).
Wiechert, E., *Der Totenwald* (Rascher-Verl. Zürich).
Zuckmayer, C., *Des Teufels General* (in Z's collected "Deutsche Dramen").

Recommended for background reading:

Robertson, J. G., *History of German literature* (Blackwood, 1947).
Clauss, W., *Deutsche literatur* (Zürich, 1945).
Spiero, H., *Geschichte des deutschen Roman* (Bonn, 1950).
Forster, L. W., *German poetry, 1944-48* (Bowes and Bowes, 1949).
Mahrholz, W., *Deutsche Literatur der Gegenwart* (Berlin, 1932).
Brinton, C., *Nietzsche* (Harvard, 1941).
Butler, E. M., *Rilke* (C.U.P., 1941).
Morwitz, E. W., *Die Dichtung Stefan Georges* (Godesberg, 1948).
Scheele, G., *The German republic* (Faber, 1945).
Samuel, R. H., and Thomas, R. H., *Education and society in modern Germany* (Routledge, 1949).
Branstedt, E. K., *Aristocracy and middle classes in Germany, 1830-1900* (King's, 1937).
Hatfield, J. T., *T. Mann* (N.Y., 1951).
Samuel, R. H., and Thomas, R. H., *Expressionism in German life, literature and the theatre, 1910-1924* (Heffer's, 1939).
Bithell, J., *Modern German literature* (Methuen, 1939).

Such of the set books as are not available in the lower price range may be used in copies available in the Department or Barr-Smith Library.

38. 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) History of German literature from 1780-1840: class lectures are given.

Text-books:

Fiedler, *Oxford books of German verse and prose*.

Books set for reading:

Goethe, *Götz von Berlichingen* (Harrap).
 Goethe, *Die Leiden des Jungen Werthers* (Blackwell).
 Goethe, *Faust* (Part I) (Harrap).
 Schiller, *Wilhelm Tell* (Harrap).
 Schiller, *Wallensteins Tod* (any ed.).
 Hoffmann, *Der Goldene Topf* (Blackwell).
 Grillparzer, *König Ottokars Glück und Ende* (any ed.).
 Büchner, *Dantons Tod* (Insel-Verl).

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).
 von Wiese, B., *Das deutsche Drama von Lessing bis Hebbel* (Hamburg, 1948).
 Korff, H. A., *Geist der Goethezeit* (Leipzig, 1923-).
 Garland, H. B., *Lessing* (Bowes and Bowes, 1937).
 Garland, H. B., *Schiller* (Harrap, 1949).
 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's, 1927).
 Cooh, G. P., and others, *The German mind and outlook* (Chapman, 1944).

- (d) Survey of political and economic history of Germany, 1871-1953. First and second terms only. Class lectures are given.

Recommended for background reading:

Butler, R., *The roots of National socialism* (Faber and Faber, 1941).
 Barraclough, G., *Factors in German history* (Blackwell).
 Meyer, A. O., *Bismarck* (Koehler, Stuttgart, 1949).
 Mowrer, E., *Germany puts the clock back* (Penguin).

- (e) Introduction to the history of the German language. Class lectures are given. Third term only.

Recommended for general study:

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).
 Tonnelet, *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* (Paris, 1934).
 Meillet, A., *Caractères généraux des langues germaniques* (Paris, 1917).
 Karstien, 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).

(e) Candidates must satisfy a conversation test.

39. Scientific German.

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.)

HISTORY AND POLITICAL SCIENCE

There are eight courses in this School: History IA, IB, IC, IIA, IIB, and III, Political Science and International Relations. Except by special permission of the Faculty of Arts, History I (A or B or C) or Social Economics I must be completed before other courses are taken; History III can be taken only by students who have completed History II (A or B); International Relations can be taken only after History II (A or B), or Political Science, and is not available to exempted students.

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.

41. History IA.

The Making of Modern Europe.

A first-year course; no pre-requisites; 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* (Hewieman).

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).

42. History IB.

World History

A first-year course; no pre-requisites; 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 prehistoric times to the present day.

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.V.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).

43. History IC.

British Constitutional History.

A first-year course; no pre-requisites; available to exempted students.

This course will outline the main constitutional development in Britain from 1485 to the present day. Special attention will be paid to the political conflicts of the 17th century, the development of cabinet government, and the growth of political democracy. This course will be especially useful to students proposing to take Political Science.

Students should procure:

- Keir, D. L., *Constitutional history of modern Britain, 1485-1937* (Black) or
 Taswell-Langmead, T. P., *English constitutional history* (10th ed., Sweet and Maxwell).

Other useful books are:

- Pollard, A. F., *Factors in modern history* (Constable).
 Pollard, A. F., *Evolution of parliament* (Longmans).
 Tanner, J. R., *English constitutional conflicts of the 17th century* (C.U.P.).
 Tanner, J. R., *Tudor constitutional documents, 1485-1603* (C.U.P.).
 Tanner, J. R., *Constitutional documents of the reign of James I* (C.U.P.).
 Gardiner, S. R., *Constitutional documents of the puritan revolution, 1625-60* (O.U.P.).
 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).

- Petegorsky, D. W., *Left wing democracy in the English civil war* (Gollancz).
 Gooch, G. P., *Political thought from Bacon to Halifax* (O.U.P.).
 Allen, J. W., *English political thought, 1603-60* (Methuen).
 Laski, H. J., *Political thought in England: Locke to Bentham* (O.U.P.).
 Barker, E., *Political thought in England: 1848-1914* (O.U.P.).
 Trevelyan, G. M., *The English Revolution* (O.U.P.).
 Emden, C. S., *The people and the constitution* (O.U.P.).
 Smellie, K. B., *A hundred years of English government* (Duckworth).
 Jennings, W. I., *Cabinet government* (O.U.P.).

44. History IIA.

Europe since 1815

A second-year course; pre-requisite History I (A or B or C); 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.).

Students should procure:

- 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 1815*, 3 vols. (Penguin).
 Halevy, E., *Epilogue to the history of the English people*, 3 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.).

45. History IIB.

Economic History

A second-year course; pre-requisite History I (A or B or C) 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.).

46. History III.

The Pacific

A third-year course; pre-requisite History II (A or B); available to exempted students only in special circumstances.

This course will consist of an examination of:

- (a) social, political and economic problems arising from Western penetration in China, Japan and South East Asia;
- (b) development of Asian nationalism; and
- (c) Australian and American interests in the Far East.

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.).
 Brandt, C., Schwartz, B., and Fairbanks, J., *A documentary history of Chinese communism* (Allen and Unwin).
 Kennan, G., *American diplomacy 1900-1950* (Secker and Warburg).

47. Political Science

The Modern Democratic State

A second-year course; pre-requisite History I (A or B or C) 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:

- Barker, E., *Britain and the British people* (Oxford).
 Wheare, K. C., *Parliaments and politics* (Bureau of Current Affairs).
 Sawyer, G., *Australian government today* (Melb. Univ. Press).

Students should procure:

- Soltau, R. H., *Introduction to politics* (Longmans).
 Lindsay, A. D., *The essentials of democracy* (Oxford).
 Crossman, R. H. S., *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).
 Wheare, K. C., *Modern constitutions* (Oxford).
 Brogan, D. W., *The American political system* (Hamish Hamilton).
 Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).
 Wheare, K. C., *Federal government* (Oxford).
 Greenwood, G., *The future of Australian federalism* (Melb. Univ. Press).
 Brady, A., *Democracy in the Dominions* (Univ. Toronto Press).
 Overacker, L., *The Australian party system* (O.U.P.).
 Sawyer, G. (ed.), *Federalism—an Australian jubilee study* (Cheshire).
 Hocking, W. E., *Freedom of the press* (Univ. Chicago Press).
 Report, *Royal commission on the press* (H.M.S.O., 1949).
 Lippmann, W., *Public opinion* (Macmillan).
 Laski, H. J., *Liberty in the modern state* (Allen and Unwin).
 Laski, H. J., *A grammar of politics* (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).
 Oakeshott, M., *Social and political doctrines of contemporary Europe* (Cambridge).

48. International Relations.

A third-year course; pre-requisite History II (A or B) or Political Science; not available to exempted students.

This course will consist of three parts, each of one term's duration. First term: a survey of the development of the British Commonwealth of Nations from the Durham Report to the attainment of Indian independence. Second term: the nation-states of Europe and "the balance of power"; the breakdown of this system under the pressure of nationalism and economic imperialism; the League of Nations; the United Nations and its specialized agencies. Third term: the dynamics of international relations. The conflict of ideas and interests between the U.S.A. and the U.S.S.R. The "cold war."

Students should procure:

- Friedmann, W., *Introduction to world politics* (Macmillan).
 Carr, E. H., *Nationalism and after* (Macmillan).

Other useful books are:

- Cambridge history of the British Empire* (C.U.P.).
 Keith, A. B., *Speeches and documents of the British dominions* (O.U.P.).
 Lucas, C. P., *Durham's report on British North America* (O.U.P.).
 Newton, A. P., *The unification of South Africa* (Longmans).
 Dawson, R. McG., *Development of dominion status 1900-36* (O.U.P.).
 Wheare, K. C., *The statute of Westminster and dominion status* (O.U.P.).
 Hancock, W. K., *Survey of British Commonwealth affairs* (O.U.P.).
 Mansergh, N., *The commonwealth and the nations* (R.I.I.A.).
 Lipson, E., *Europe in the 19th and 20th centuries* (Black).
 Dickinson, G. L., *The international anarchy 1904-14* (Allen and Unwin).
 Gathorne-Hardy, G. M., *Short history of international affairs 1919-35* (O.U.P.).
 Zimmern, A. E., *The League of Nations and the rule of law* (Macmillan).
 Cobban, A., *National self-determination* (O.U.P.).
 Friedmann, W., *The crisis of the national state* (Macmillan).
 Carr, E. H., *The twenty years' crisis 1919-39* (Macmillan).
 Schwarzenberger, G., *Power politics* (Stevens).
 Deutscher, I., *Stalin: a political biography* (O.U.P.).
 Moore, B., *Soviet politics—the dilemma of power* (Harvard).
 Beloff, M., *Foreign policy of Soviet Russia* (O.U.P.).
 Morgenthau, H. J., *American foreign policy* (Methuen).
 Kennan, G. F., *American diplomacy 1900-50* (Secker and Warburg).
 Fischer, J., *America's master plan* (Hamish Hamilton).
 Report: *Atlantic alliance* (R.I.I.A.).
 Joint Report: *Britain and the United States: Problems in co-operation* (R.I.I.A.).

49. History and Political Science for the Honours Degree of B.A.

Students who wish to take an Honours course in History and Political Science will be required:

- (a) To pass in History IA or IB, History IIA or IIB and History III, Political Science and International Relations 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 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. Honours work will be in the fields of both History and Political Science.

Students intending to take honours are requested to interview the Professor before the beginning of lectures in their second year's work in the School.

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:

	1954	1955	1956
Economics I	Evening	Day	Evening
Economics II	Day	Evening	Day
Economics III	Evening	Day	Evening
Social Economics	Day	Evening	Day

This arrangement will permit a student to take the courses in Economics I, II, and III in successive years as a sequence either of day lectures or of evening lectures, according to the year in which he takes Economics I.

Students who passed Economics I prior to 1951 must take the Economics II old course.

51. Economics I.

This course will be given in 1954 as evening lectures Its scope is as follows:

1. Scope of economics. National income—its production, distribution and exchange. 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.).
 Hicks, J. R., *The social framework* (O.U.P.).
 Tarshis, L., *Elements of economics* (Houghton Mifflin).
 Tew, B., *Wealth and income* (M.U.P.).
 Dobb, M. H., *Wages* (C.U.P.).
 Eastham, J. K., *An introduction to economic analysis* (English Univ. Pr.).

Reference books:

- Myers, A. L., *Elements of economics* (Prentice Hall).
 Samuelson, P. A., *Economics* (McGraw-Hill).
 Dillard, D., *The economics of J. M. Keynes* (Crosby Lockwood).
 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).

Additional references will be prescribed by the lecturers.

51. 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 exchange. 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:
 - (1) Peculiarities of supply and demand.
 - (2) Domestic and international marketing measures.
 - (3) Provision of credit.
 - (4) Land settlement policies.
 - (5) Measures to expand food production.

Textbooks:

- Downing, R. I., *National income and social accounts* (M.U.P.).
 Hicks, J. R., *The social framework* (O.U.P.).
 Tarshis, L., *Elements of economics* (Houghton Mifflin).
 Tew, B., *Wealth and income* (M.U.P.).
 Cohen, R., *Economics of agriculture* (O.U.P.—new edition).

Reference Books:

- Dillard, D., *The economics of J. M. Keynes* (Crosby Lockwood).
 Ruggles, R., *National income and income analysis* (McGraw-Hill).
 Samuelson, P. A., *Economics* (McGraw-Hill).
 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.

52. Economics II.

This course will be given in 1954 as day lectures. Its scope is as follows:

1. Money, banking and finance.
2. Industrial organization; the structure, growth and control of industry; industrial pricing.
3. Agricultural organization, with special reference to Australian conditions.

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.).
 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.).
 Giblin, L. F., *The growth of a central bank* (M.U.P.).
 Plumptre, A. F. W., *Central banking in the British Dominions* (Univ. of Toronto Pr.).
 Balogh, T., *Studies in financial organization* (C.U.P.).
 Sayers, R. S. (ed.), *Banking in the British dominions* (O.U.P.).
 Robinson, E. A. G., *The structure of competitive industry* (C.U.P.).
 Steindl, J., *Small and big business* (Blackwell).
 Andrews, P. W. S., and Wilson, T., *Oxford studies in the price mechanism* (O.U.P.).
 Phelps Brown, E. H., *A course in applied economics* (Pitman).
 Edwards, C. D., *Maintaining competition* (McGraw-Hill).
Monographs of the temporary national economic committee of U.S.A.
 National Bureau of Economic Research, *Cost behaviour and price policy*.
 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.).
 Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (M.U.P., new ed.).
Rural reconstruction commission—reports, numbers 1-10 (Commonwealth Govt. Printer).
 Crawford, J. G., *Australian agricultural policy* (Univ. of Adel.).
 Additional references will be prescribed by the lecturers.

52a. 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 (51) and Section 2 and 3 of Economics II (52).

In 1954 students should attend one lecture (day) in Economics II and one lecture (evening) 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).
 Hicks, J. R., *The social framework* (O.U.P.).
 Tarshis, L., *Elements of economics* (Houghton Mifflin).

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:

Robinson, E. A. G., *The structure of competitive industry* (C.U.P.).
 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.).
 National Bureau of Economic Research, *Cost behaviour and price policy*.
 Phelps Brown, E. H., *A course in applied economics* (Pitman).
 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 Aus-
 tralian industries*.
 Chamberlain, E. H., *The theory of monopolistic competition* (Harvard
 Univ. Pr.).
 Samuelson, P. A., *Economics* (McGraw-Hill).
 Dillard, D., *The economics of J. M. Keynes* (Crosby Lockwood).
 Ruggles, R., *National income and income analysis* (McGraw-Hill).
 Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (M.U.P.,
 new ed.).
 Commonwealth Government, *Rural reconstruction commission—reports*
 1-10.
 Crawford, J. G., *Australian agricultural policy* (Univ. of Adel.).

53. Economics III.

The course will be given in 1954 as evening 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).
 Oxford Institute of Statistics, *The economics of full employment* (Black-
 well).
 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, *Measure for international economic stability*.
 Commonwealth Grants Commission—Latest report.
 Commonwealth Bureau of Census and Statistics, *Australian balance of
 payments* (latest issue).

References:

Beveridge, Sir W. H., *Full employment in a free society* (Allen and
 Unwin).
 Dillard, D., *Economics of J. M. Keynes* (Crosby Lockwood).
 von Haberler, G., *Prosperity and depression* (3rd ed.) (League of
 Nations).
 Hansen, A., *Fiscal policy and business cycles* (Allen and Unwin).
 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., *Essays in the theory of economic fluctuations* (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).
 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, D. H., *Economics of public finance* (Prentice Hall).

Additional references will be prescribed by the lecturer.

54. 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 pre-requisite.

This course will be given in 1954 as day 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.).

Hicks, J. R., *The social framework* (2nd ed.) (O.U.P.).

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*.

United Nations, *Measures for the economic development of under-developed countries*.

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).

Samuelson, P. A., *Economics* (McGraw-Hill).

de Jouvenel, B., *The ethics of redistribution* (C.U.P.).

55. Economics for the Honours Degrees of Bachelor of Arts and Bachelor of Economics.

It is the practice to conduct Interim Honours classes concurrently with second and third year Economics 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 Professor well before the beginning of the academic year. In addition there is a weekly seminar on current economic problems and special topics.

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:

- Marshall, A., *Principles of economics* (8th ed.) (Macmillan).
 Hicks, J. R., *Value and capital* (O.U.P.).
 Pigou, A. C., *Economics of welfare* (4th ed.) (Macmillan).
 Scitovsky, T., *Welfare and competition* (Allen and Unwin).
 Little, I. M. D., *A critique of welfare economics* (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.).
Readings in the theory of income distribution (Blakiston).
 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).
 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.

56. Economic Statistics I.

This course will be given in 1954 as day 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 distribution; sampling and significance, including the use of the normal, t and χ^2 distributions; linear regression and correlation; time series; sample surveys; 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.

Text-books:

- Croxton, F. S., and Cowden, D. J., *Applied general statistics* (Prentice Hall).
 Tippett, L. H. C., *Statistics* (O.U.P.).

- Mauldon, F. R. E., *The use and abuse of statistics* (Univ. of W.A.).
 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).
 Commonwealth Bureau of Census and Statistics, *Official year book* (latest issue) (Govt. Printer, Canberra).
 Commonwealth Bureau of Census and Statistics, *Census of the Commonwealth of Australia, 30th June, 1947, Statistician's Report* (Govt. Printer, Canberra).

Reference books:

- Yates, F., *Sampling methods for censuses and surveys* (Charles Griffin).
 Jones, C., *Social surveys* (Hutchinson).
 Kuczynski, R. R., *The measurement of population growth* (Sidgwick and Jackson).
 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*.
 Carter, C. F., Reddaway, W. B., and Stone R., *The measurement of production movements* (C.U.P.).
 Commonwealth Bureau of Census and Statistics, *Official publications*.

Additional references will be prescribed by the lecturer.

57. 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.).

GEOGRAPHY.

There are three courses in this school: Geography I, Geography II, and Geography III. Each course is completed in one year and is given every year. Students proceeding to the Ordinary degree of B.A. may take all three; except by special permission of the Faculty of Arts, the course in Geography I must be completed before the course in Geography II is taken, and the course in Geography II must be completed before the course in Geography III is taken. Those students proceeding to the Ordinary degree of B.A. who intend to take all three courses in Geography are strongly recommended to take the course in Geology I as their science subject.

There is also a one-year course, of first-year standard, in **Economic Geography**, which may not be counted in addition to Geography I and does not qualify for admission to the class in Geography II. It is a compulsory course for students proceeding to the Honours degree of Bachelor of Arts in the School of Economics, and it is recommended for Economics students who wish to present only one course in Geography as part of their plan of study for the Ordinary degree of Bachelor of Economics.

58. 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* (Cinn).
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. I., 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.

59. 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: (U.S.A. 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.

Text-books:

- Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (Melb. U.P.).
Gottman, J., *Europe* (Holt and Co.).

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 Shackleton, M. R., *Europe* (4th ed.) (Longmans).
 Stamp, L. D., and Beaver, S. H., *British Isles* (Longmans).
 East, G., *Historical geography of Europe* (Methuen).
 Fitzgerald, W., *The new Europe* (London).
 Smith, W., *Economic geography of Britain* (London).
- 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.

60. 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 geographic study of a selected area, including field excursions to be held on Saturdays during the year, and 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).

60a. 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.
 Factors affecting land utilization.

Types of agriculture, their distribution, characteristics and regional variations from type, with special reference to conditions in Australia.
 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.
 Population, types of culture, standards of living.

Books:

- a. Preliminary reading:
 Thatcher, W. S., *Economic geography* (English Univ. Pr., London).
- b. Prescribed text-books:
 Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (selected chapters) (Melb. Univ. Press).
 Jones, C. F., and Darkenwald, G. G., *Economic geography* (Macmillan).
- c. Reference books:
 Zimmerman, E. W., *World resources and industries* (Harper N.Y., 1951 ed.).
 Davis, D. H., *The earth and man* (Macmillan).
 Bengston, N. A., and Van Royen, W., *Fundamentals of economic geography* (Prentice Hall).
 Chisholm, G. G., *Handbook of commercial geography* (ed. L. D. Stamp) (Longmans).
 Commonwealth Year Books (Commonwealth Govt. Printer).
 Bartholomew, *The comparative atlas* (Meiklejohn).

60b. 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.

PHILOSOPHY AND PSYCHOLOGY

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. In 1954 there will be a course, Philosophy (Special), for those students only who have completed the first two years of a Philosophy sequence before the end of the 1951 academic year, or who before the end of the 1952 academic year have completed Psychology and Education as part of the previously existing Philosophy sequence, and will also count as a second course for those who before the end of the 1951 academic year have completed Psychology or Education alone, but in this case it will *not* lead on to a third course.

61. 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).

62. 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).

63. 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).

64. 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).

65. 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).

66. Philosophy (Special)

The lectures deal with early Greek philosophy. Students are expected to read:

- Burnet, J., *Early Greek philosophy* (Black).
 Burnet, J., *Greek philosophy—Thales to Plato* (Macmillan).
 Freeman, K., *Ancilla to the pre-Socratic philosophers* (Blackwell).
 Freeman, K., *Companion to the pre-Socratic philosophers* (Blackwell).
 Livingstone, R. W. (ed.), *Portrait of Socrates* (O.U.P.).
 Plato, *Phaedo*.
 Plato, *Theaetetus* (translated by M. J. Levett—Jackson and Co.).

67. 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 61, 62, 63, 64, and 65, 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.).
 Tarski, A., *Introduction to logic* (O.U.P.).
 Kneale, W., *Probability and induction* (O.U.P.).

68. 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. In 1954, Psychology II (previously Psychology A) will have the same lectures as for Psychology I, but students taking this course will be required to attend a course of tutorials and laboratory work in addition to the lectures. Psychology II will be available in 1954 to students who have passed in Zoology IB (161B) and who wish to complete the previously existing sequence Zoology IB → Psychology A (now Psychology II) → Psychology B (now Psychology III). As from 1955 a separate course of lectures will be given in Psychology II, and both Psychology I and either Zoology IB or Neurophysiology (71A) will be pre-requisite subjects for students proceeding to Psychology II. No student will be admitted to the course in Neurophysiology unless he has completed the first two terms' work in either Zoology I (161) or Biology (158).

69. 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).

Further recommended reading in the history of psychology:

Flügel, 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).

Further recommended reading in the psychological schools:

BEHAVIOURISM:

Either

Dollard, J., and Miller, N. E., *Personality and psychotherapy* (McGraw-Hill), especially Parts II and III, or

Miller, N. E., and Dollard J., *Social learning and imitation* (Yale U.P.), especially Chapters I-V.

GESTALT PSYCHOLOGY:

Köhler, W., *Gestalt psychology* (Liveright).

Katz, D., *Gestalt psychology* (Methuen).

PSYCHO-ANALYSIS:

Freud, S., *Psycho-pathology of everyday life* (Benn).

Freud, S., *Introductory lectures in psycho-analysis* (Allen and Unwin).

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.

Reading for this part of the course will be prescribed at the beginning of the academic year.

70. Psychology II.

In 1954 the lectures for the course will be the same as those for Psychology I. In addition students will be expected to undertake a more detailed course of reading in general experimental psychology, and to attend one three hour practical and two one and a half hour tutorials each week. For the purpose of the tutorials and practical work the course will be divided into four parts as follows:

- (a) Classical experimental psychology and some philosophical and methodological issues.
Prescribed reading:
Boring, E. G., *Physical dimensions of consciousness* (Appleton-Century).
Recommended reading:
Marx, M. H., *Psychological theory* (Macmillan).
Ryle, G., *Concept of mind* (Hutchinson).
- (b) Unlearned reactions, motivation and emotion.
Prescribed reading:
Sherrington, C. S., *Integrative action of the nervous system* (C.U.P.).
Tinbergen, N., *Study of instinct* (O.U.P.).
Recommended reading:
Young, P. T., *Motivation of behaviour* (Wiley).
Young, P. T., *Emotion in man and animal* (Wiley).
Morgan, C. T., and Stellar, E., *Physiological psychology* (McGraw-Hill).
- (c) Learning.
Prescribed reading:
Pavlov, I. P., *Conditioned reflexes* (O.U.P.).
Hilgard, E. R., and Marquis, D. G., *Conditioning and learning* (Appleton-Century).
Hull, C. L., *Principles of behaviour* (Appleton-Century).
Recommended reading:
Thorndike, E. L., *Human learning* (Appleton-Century).
McGeoch, J. A., *Psychology of human learning* (Longmans).
Skinner, B. F., *Behaviour of organisms* (Appleton-Century).
Tolman, E. C., *Purposive behaviour in animals and men* (California U.P.).
Hilgard, E. R., *Theories of learning* (Appleton-Century).
- (d) Perception and the higher mental processes.
Prescribed reading:
Koffka, K., *Principles of gestalt psychology* (Kegan Paul).
Freud, S., *Introductory lectures on psycho-analysis* (Allen and Unwin).
Recommended reading:
Humphrey, G., *Thinking, an introduction to its experimental psychology* (Methuen).
Vinacke, U. E., *The psychology of thinking* (McGraw-Hill).
Wertheimer, M., *Productive thinking* (Harper).
Miller, G. A., *Language and communication* (McGraw-Hill).
Piaget, J., *Language and thought of a child* (Kegan Paul).
Bartlett, F. C., *Remembering* (C.U.P.).
Hull, C. L., *Hypnosis and suggestibility* (Appleton-Century).
Kardiner, A., *The individual and his society* (Columbia U.P.).
Evans-Pritchard, E. E., *Witchcraft, oracles and magic among the Azande* (O.U.P.).

Reference books:

- Murchison, C. (ed.), *Handbook of general experimental psychology* (Clark U.P.).
 Stevens, S. S. (ed.), *Handbook of experimental psychology* (Wiley).
 Woodworth, R. S., *Experimental psychology* (Holt).
 Helson, H. (ed.), *Theoretical foundations of psychology* (Van Nostrand).
 Anderson, T. G., *Methods of psychology* (Wiley).
 Guildford, J. P., *Psychometric methods* (McGraw-Hill).

71. Psychology III.

A course of lectures and practical work to be given every year. The course will deal with the following topics: the emotional and intellectual development of the individual, individual differences, the theory of the personality, psychopathology and social psychology.

A reading list will be supplied at the beginning of the academic year.

71A. Neurophysiology.

The lectures and practical work in this subject will be those for the third term of Zoology IB (161B).

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.

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.

72. Music I (either A or B).**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.

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.

73. Music II (either A or B)**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.

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.

74. Music III (either A or B).

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.

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.

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.

76. 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, *Atoms of education* (Williams and Norgate).

77. 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).

78. Educational Psychology.

Candidates are advised to take Part I of this subject as early as possible in their course, and to pass in Psychology as prescribed for the B.A. degree before beginning Part II.

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.

PART II.

More advanced course of lectures, exercises and discussions on our own conscious life in general and on our understanding of its structure, values and development necessary for our work of educating; our experience of our pupils' conscious life; the factors and processes involved in the development of consciousness from sense and impulse to volition and dealing with a world of law and values; factors and processes involved in the experience of natural science, history, language, mathematics, etc., and the development of this in our life and that of our pupils; some special consideration of thinking, reasoning, aesthetic, moral and religious reactions, suggestions, "the unconscious," etc.; problems of infancy, childhood and adolescence; delinquency; educational research.

Books prescribed for reading:

- Adler, A., *Education of children* (Allen and Unwin).
 Burt, C. L., *Young delinquent* (London Univ. pr.).
 Freud, S., *Psychopathology of everyday life* (Unwin).
 Keatinge, M. W., *Suggestion in education* (Black).
 Knight, A. R., *Intelligence and intelligence tests* (Methuen).
 Lambert, R. S., *Propaganda* (Nelson).
 Monroe, W. S., de Voss, J. C., and Kelly, *Educational tests and measurements* (Houghton, Mifflin).
 Schulz, A. J., *Character and its development* (Hassell).
 Schulz, A. J., *Life of a class* (S.A. Teachers' Journal, October, 1928).
 Thouless, R. H., *Straight and crooked thinking* (English Univ. pr.).
 Wallas, G., *Art of thought* (Cape).

79. 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.

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 and individual difficulties in arithmetic* (Oliver and Boyd).

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).

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.).

80. Principles of Primary Education.

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).

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.).
 Sussans, 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).

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.).

81. 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.

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, *Nature problems* (Brooks).

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).

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.

82. 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.

84. THE HISTORY OF THOUGHT.

During the first and second terms, lecturers from the different Faculties will give a course of lectures under the broad heading of *The History of Thought*. The subject for 1954 is: *The Eighteenth Century*. These lectures are intended mainly for Honours students in the Faculties of Arts and Science, and for third-year medical students; but they are also open to all members of the University and to the general public.

The course in 1954 is designed to implement the programme of celebrations of the Bicentennial of Columbia University, New York. It is the desire of the University of Adelaide that this course be officially associated with the theme of Columbia's Bicentennial, namely, *Man's right to knowledge and the free use thereof*.

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
	Statistical Methods	Mathematical Statistics
Applied Mathematics I	Applied Mathematics II	Applied Mathematics III

Pure Mathematics and Applied Mathematics are separate sequences and Statistical Methods and Mathematical Statistics are full second and third year subjects respectively.

A candidate may take any or all of these subjects, provided that if Applied Mathematics I is counted as a subject in his course Applied Mathematics II also is taken. All new courses except Applied Mathematics III, which will be given for the first time in 1955, will be given in 1954. The old courses in Applied Mathematics II and Pure Mathematics III will also be given in 1954.

Candidates who propose to proceed to the degree of B.A. or B.Sc. with Honours in Mathematics are required to take Course 86, 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).

FIRST-YEAR COURSES.

85. 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. Candidates are also required to have passed in a special paper at the Leaving Examination.

A pass with credit or in Division I in this subject is pre-requisite for the course in Pure Mathematics II.

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 86 or in Pure Mathematics II. 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.

86. First-year Honours Course in Pure Mathematics.

This course comprises three lectures and one tutorial class a week and is given annually.

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., *Algebra* (O.U.P.).

Hardy, G. H., *Pure mathematics* (C.U.P.).

Sommerville, D. M. Y., *Analytical conics* (Bell).

87. Applied Mathematics I.

Pre-requisite subjects: As for Pure 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:

Fawdry, R. C., *Statics* (Bell).

Fawdry, R. C., *Dynamics* (Bell).

SECOND-YEAR COURSES.**89. 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-books recommended:

Caunt, G. W., *Introduction to the infinitesimal calculus* (O.U.P.); or

Caunt, G. W., *Elementary calculus* (O.U.P.).

89A. Pure Mathematics IIA.

This course is compulsory for all Engineering students. At present the syllabus will consist of about two-thirds of that for the new course in Pure Mathematics II (89), and candidates will use the same text-books.

91. Applied Mathematics II.

Pre-requisite subjects: A pass with credit or in Division I in each of the subjects Pure Mathematics I, Applied Mathematics I.

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.).

91A. Applied Mathematics IIA.

This course is compulsory for most Engineering students. The syllabus at present will consist of about two-thirds of that for the new course in Applied Mathematics II (91), and candidates will use the same text-books.

92. Statistical Methods.

Pre-requisite subject: Pure Mathematics I (85).

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*, 3rd ed. (Oliver and Boyd).

Reference-books:

Fisher, R. A., *Statistical methods for research workers*, 9th 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).

THIRD-YEAR COURSES.

95. Pure Mathematics III.

Pre-requisite subject: Course 86 or a pass in Division I in Pure Mathematics II. The course consists of three lectures and one tutorial class a week.

Subject to slight variations, the course will deal with the more elementary parts of the following topics: Convergence, infinite series. Calculus of functions of several variables; curvilinear and multiple integrals; linear algebra. Ordinary differential equations of the first order; linear differential equations of the second order. Oscillation problems and Fourier series. Theory of functions of a complex variable (complex integration).

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).

Ferrar, W. L., *Text-book of convergence* (O.U.P.).

La Vallée Poussin, C. J. de, *Cours d'analyse infinitésimale* (2 vols.) (Gauthier).

Hardy, G. H., *Course of pure mathematics* (C.U.P.).

96. Applied Mathematics III.

Pre-requisite subjects: A pass with credit or in Division I in each of the subjects Pure Mathematics II, Applied Mathematics II.

The course will comprise three lectures and one tutorial class a week and will be given annually.

The details of the course will be published later.

98. Mathematical Statistics.

Pre-requisite subject: Pure Mathematics III; 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.

99. 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; in particular, those 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.

100. 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.

101. 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 Farence, 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.)

102. Physics II, B.Sc. Course.

Pre-requisite subjects: Pure Mathematics I (85) and Course 101.

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 Farence, 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), Grimsehl, 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.

103. Physics II, B.E. Course.

Pre-requisite subjects: Pure Mathematics I (85) and Course 101.

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 102, 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.

104. Physics III.

Pre-requisite subjects: Pure Mathematics II (89) and a pass in division I in course 102.

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).

108. Physics for the Honours Degree of B.Sc.

Pre-requisite subjects: Pure Mathematics II (89) and Course 104.

Candidates must also attend or have attended lectures in Pure Mathematics III (95), and such parts of the course of lectures and laboratory work in Inorganic and Physical Chemistry II (113 and 114), as the Professor of Physics may select.

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

109. 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. 101 and 102);
- (b) to take in the third year Applied Mathematics III (96), such parts of Pure Mathematics III (95) as are prescribed by the Professor of Mathematical Physics, and Physics III (104) (except that only one term's practical work will be required); and

- (c) to take in the fourth year lectures taken by Honours Physics students, without practical work, such lectures taken by 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

EXAMINATIONS.—All examinations in Chemistry include both practical and theoretical papers. These cannot be taken separately in the first instance, but candidates who pass in only one part may apply to be exempted from further attendance and examination in that branch of the subject in which they have passed.

PRACTICAL CHEMISTRY.—A record of all work done in the laboratories must be kept in an approved notebook, and these records will be inspected periodically throughout the session and at the final examination.

111. Chemistry I.

The course consists of three lectures and three hours' practical work a week throughout the three terms of the year.

THEORY.

The class meets on Mondays, Wednesdays and Fridays from 12 noon-1 p.m. throughout the three terms.

The subject-matter required for examination is covered by the course of lectures and the reading recommended from time to time throughout the course.

The lectures deal with the principal facts observed and theories involved in physical and chemical change; the chemistry of the chief non-metallic elements and their more important compounds; the systematic study of a few representative metallic elements and their compounds; the elements of organic chemistry.

Books recommended:

Partington, J. R., *General and inorganic chemistry for university students* (Macmillan); or
 Garside and Phillips, *Pure and applied chemistry* (Pitman); or
 Philbrick and Holmyard, *Text-book of theoretical and inorganic chemistry* (Dent).
 Macbeth, A. Killen, *Organic chemistry* (Longmans).

PRACTICAL.

The class meets from 2 p.m. to 5 p.m. on afternoons to be arranged, and the course extends over the three terms.

Demonstrations are given regularly throughout the session to introduce the work to be carried out in the laboratories, and work-sheets are supplied.

112. Inorganic Chemistry I.

Engineering students, other than Mining and Metallurgical, attend the Inorganic Section only of Chemistry I (111).

113. Inorganic and Physical Chemistry II. Theory.

Pre-requisite subjects: Physics I (101) and Course 111.

The course consists of two lectures a week, is given annually, and is completed in one year. In the first instance courses 113 and 114 must be taken together and presented as an examination subject together, but in the event of failure in either part of the final examination a candidate may apply for exemption from further attendance and examination in the part passed.

The lectures deal with the chemistry of the elements from the point of view of the Periodic Classification, and the physical chemistry of gases, solutions, colloids, electrolytes, etc.

Books recommended:

Hammitt, L. P., *Introduction to the study of physical chemistry* (McGraw Hill).

Partington, J. R., *General and inorganic chemistry for university students* (Macmillan).

Reference books:

Emeleus, J. H., and Anderson, J. S., *Modern aspects of inorganic chemistry* (Routledge).

Glantone, S., *Source book of atomic energy* (Macmillan).

Pauling, L., *The nature of the chemical bond*.

Taylor, H. S., and Taylor, H. A., *Elementary physical chemistry* (D. Von Nostrand).

114a. Inorganic and Physical Chemistry II. Practical. B.Sc. Course.

Pre-requisite subject: Course 111.

In the first instance this course must be taken and presented as an examination subject together with course 113, but in the event of failure in either part of the final examination, a candidate may apply for exemption from further attendance and examination in the part passed.

The course consists of not less than ten hours' practical work a week for three terms, and includes (1) qualitative analysis of complex mixtures and minerals containing the common, and some of the rarer elements; (2) quantitative analysis by gravimetric or volumetric methods of such substances as iron, silica, calcium, sulphur, magnesium, etc.

Students are expected to provide their own set of analytical weights.

Text-book:

Vogel, A. L., *Text-book of quantitative inorganic analysis* (Longmans).

Vogel, A. L., *Text-book of qualitative chemical analysis* (Longmans).

114b. Inorganic and Physical Chemistry II. Practical. B.E. Course.

Pre-requisite subject: Course 111.

In the first instance this course must be taken and presented as an examination subject together with course 113, and although separate pass lists will be issued, failure to pass in either part of the final examination will prevent the appearance of a candidate's name in the pass list for the other part except by special direction of the faculty.

The course consists of not less than eight hours' practical work a week for three terms. The qualitative work is similar to that done in the B.Sc. course, but the quantitative methods are applied to fewer substances, and the volumetric estimations are restricted to acidimetry and alkalimetry, and the determination of copper, iron, lead, and silver.

Books recommended:

Text-book:

Vogel, A. L., *Text-book of quantitative inorganic analysis* (Longmans).

Vogel, A. L., *Text-book of qualitative chemical analysis* (Longmans).

115. Organic Chemistry II. Theory.

Pre-requisite subject: Course 111.

This course, which consists of two lectures a week, must be taken in the first instance along with the practical course 116, but in the event of failure in either part of the examination at the end of the course, a candidate may apply for exemption from further attendance and examination in the part passed.

The lectures deal with the chief families of aliphatic and aromatic compounds, and theoretical questions arising out of such study.

Books recommended:

Macbeth, A. K., *Organic chemistry* (Longmans); or

Bernthsen, A., *Textbook of organic chemistry* (Blackie); or

Read, J., *Textbook of organic chemistry* (Bell).

116. Organic Chemistry II. Practical.

Pre-requisite subject: Course 111.

The course consists of eight hours' practical work a week, and includes the preparation of simple organic substances and their purification. The identification of characteristic organic compounds of a not too involved type.

Books recommended:

Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans).

Openshaw, H. T., *Qualitative organic analysis* (C.U.P.).

117. Inorganic and Physical Chemistry III. Theory.

Pre-requisite subjects: Pure Mathematics I (85) and Course 113. Students are also recommended to have taken Course 115, but this is not obligatory.

This course, which consists of two lectures a week, is completed in one year, and deals with advanced work in physical and inorganic chemistry. Some lectures are also given on applied chemistry.

Book recommended:

Glantone, S., *Text-book of physical chemistry* (Macmillan).

Reference books:

Alexander, A. E., and Johnson, P., *Colloid science* (2 Vols.), (O.U.P.).

Friedlander, G., and Kennedy, J. W., *Introduction to radiochemistry* (Wiley).

Glantone, S., *Thermodynamics for chemists*.

Glantone, S., Laidler, K. J., and Eyring, H., *The theory of rate processes* (McGraw Hill).

Laidler, K. J., *Chemical kinetics* (McGraw Hill).

Wells, A. F., *Structural inorganic chemistry* (O.U.P.).

117a. Physical Chemistry for Metallurgy Students. Theory.

Pre-requisite subjects: Pure Mathematics I (85) and Courses 113 and 114B.

A course of two lectures a week for two terms, forming part of Course 117.

118. Inorganic and Physical Chemistry III. Practical.

Pre-requisite subject: Course 114a.

The course consists of a minimum of fourteen hours' practical work a week, and includes more advanced analytical work and physico-chemical measurements connected with ionic velocities, conductivity, polarimetry, thermochemistry, surface tensions, mass action, viscosity, refractivity, etc.

Books recommended:

Spencer, J. F., *Experimental course of physical chemistry*, Vols. I and II (Bell).

Vogel, A. L., *Text-book of quantitative inorganic analysis* (Longmans).

Reference books:

Daniels, F., Mathews, J. H., and Williams, J. W., *Experimental physical chemistry* (McGraw Hill).

Williams, J. W., *Experimental physical chemistry* (McGraw Hill).

119. Organic Chemistry III. Theory.

Pre-requisite subject: Course 115. Students are also recommended to have taken Course 113, but this is not obligatory.

The course consists of three lectures a week, and deals with: Electronic resonance, and free radical theories and their application to the mechanism of organic reactions; the chemistry of heterocyclic compounds, including the study of natural products; stereochemistry and problems of steric hindrance; recent chemistry of aliphatic hydrocarbons; the chemistry of the terpenes.

Books recommended:

Karrer, P., *Organic chemistry* (4th English edn.) (Elsevier); or

Schmidt, J., *Organic chemistry* (Oliver and Boyd); or

Fieser, L. F., and Fieser, M., *Organic chemistry* (2nd edn.) (Heath and Co., Boston).

Wheland, G. W., *Advanced organic chemistry* (2nd edn.) (Wiley); or

Alexander, E. R., *Principles of ionic organic reactions* (Wiley); or

Wheland, G. W., *Theory of resonance* (Wiley).

120. Organic Chemistry III. Practical.

Pre-requisite subject: Course 116.

This course consists of a minimum of ten hours' practical work a week, and deals with the preparation and identification of organic compounds; and quantitative methods of organic analysis.

Books recommended:

Vogel, A. L., *Practical organic chemistry* (Longmans); or
Middleton, H., *Systematic qualitative organic analysis* (Arnold); and
Mann, F. G., and Sanders, B. C., *Practical organic chemistry* (Longmans).

123. Chemistry for the Honours Degree of B.Sc.

Pre-requisite subjects: Courses 111 to 120 inclusive.

Candidates must choose either Organic Chemistry or Inorganic and Physical Chemistry as principal subject and the other as subsidiary subject. They are examined in both principal and subsidiary subjects in both theory and practice, but they are subjected to a more searching examination in the principal subject. They are expected to give all the time not necessarily devoted to lectures and seminars to work in the laboratory. They must also have attended such portions of the lectures on Mathematics and Physics as the Professor of Chemistry may deem necessary for the better understanding of Advanced Chemistry; and they may be required to satisfy the Professor that they have a reading knowledge of French and German.

Text-books:

Those for the Ordinary Degree, and, in addition, others, to which reference will be given by the Professor from time to time.

125. Agricultural Chemistry (for Science and Forestry Students).

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 and II for students of Agricultural Science.

Students are expected to provide their own set of analytical weights.

Text-books:

As for Agricultural Chemistry I (187) and II (188).

GEOLOGY, MINERALOGY AND PALAEONTOLOGY.**141. 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.).
 Dunbar, C. O., *Historical geology* (Wiley).
 Clarke, E. de C., Prider, R. T., and Teichert, C., *Elements of geology*
 (Univ. of W.A. bookshop).

142. 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. *Atomic structure* of minerals with special reference to the silicates.
Geochemistry of the commoner elements with emphasis on their minerals.
Petrology: The origin and mode of occurrence of rocks, igneous, metamorphic and sedimentary. A study of the accepted classifications of rocks.
Structural Geology: The principles of Structural Geology.
Stratigraphy of Australia.
Palaontology: Nature of organic remains, palaontological methods, the Phyla of invertebrates and representative Australian fossils.

LABORATORY WORK.—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.
Palaontology: 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:

- Apparatus for the mineralogy course, costing in all about £1.
- A petrological microscope of approved pattern. Microscopes can be hired from the department at a fee of £1 11s. 6d. a term.
- 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).
 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 palaontology* (1947) (C.U.P., 1947).

Reference books:

- Phillips, F. C., *Introduction to crystallography* (Longmans).
 Mason, B., *Principles of geochemistry* (Wiley).
 Hatch, F. H., *Petrology of the igneous rocks* (9th ed. rev. by Wells, A. K.) (Allen and Unwin).

- 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).

143. 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 142 during the first and second terms only.

144. Geology III.

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 crystallography.

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:

Dana, E. S., and Ford, W. E., *Text-book of mineralogy* (Wiley) (4th ed.).

Wahlstrom, E. E., *Optical crystallography* (Wiley).

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.).

Harker, A., *Metamorphism* (Methuen) (2nd ed.).

Hills, E. S., *Outlines of structural geology* (Methuen) (3rd ed.).

Reference books:

Winchell, A. N., *Elements of optical mineralogy*, Vols. I (4th ed.) and II (3rd ed.) (Wiley).

Turner, F. J., and Verhoogen, J., *Igneous and metamorphic petrology* (McGraw Hill).

Prettijohn, F. G., *Sedimentary rocks* (Harper).

Twenhofel, W. H., *Principles of sedimentation* (McGraw Hill).

Bragg, W. L., *Atomic structure of minerals* (Cornell Univ. pr.).

Milner, H. B., *Sedimentary petrography* (Murby) (3rd ed.).

Krumbein, W. C., and Sloss, L. L., *Stratigraphy and sedimentation* (Freeman, San Francisco, 1951).

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).

145. Mining Geology.

Pre-requisite subjects: Geology I (141) and Geology II, B.E. course (143).

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.).

147. Palaeontology.

The course comprises two lectures and four hours' practical work a week throughout the year, with additional individual work and field excursions.

It deals with structure and classification of fossils, palaeo-ecology, biostratigraphy, economic palaeontology, 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, 1952).

Reference books:

- Swinerton, H. H., *Outlines of palaeontology* (3rd ed.) (Arnold).
- Glaessner, M. F., *Principles of micro-palaeontology* (M.U.P., 1945).
- Romer, A. S., *Vertebrate palaeontology* (2nd ed.) (Chicago, 1950).
- Darrah, W. C., *Text-book of palaeobotany* (New York, 1939).

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.

149. Geology for the Honours Degree of B.Sc.

Candidates may choose either Mineralogy and Petrology or Stratigraphy and Palaeontology or Economic Geology as a principal subject, but may also select a subsidiary subject from the other branches. Special courses of reading and laboratory studies will be laid down and each candidate will be required to give all the time not required for lectures or in the field to work in the laboratory. Evidence must be produced of satisfactory original work according to an approved plan. Candidates may be required to satisfy the examiners that they have a reading knowledge of French and German. They must also apply, before the end of the preceding year, for approval of their proposed courses of study.

BOTANY

Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.

EXAMINATIONS.—All examinations in Botany include *both* theoretical and practical papers. These cannot be taken separately.

There are three courses in Botany for the ordinary degree of B.Sc., each extending over one year. There is an examination at the end of each course.

151. 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:

Smith, G. M., Overton, J. B., Gilbert, E. M., and others, *Textbook of general botany* (3rd ed.) (Macmillan).

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).

152. Botany II.

Pre-requisite subjects: Chemistry I (111) and Course 151.

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).

Bonner, J., and Galston, A. W., *Principles of plant physiology* (W. H. Freeman, San Francisco).

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:

Lieber, 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 159).

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:

- 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.).

152a. 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 152, 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.

153. Botany III.

Pre-requisite subjects: Chemistry I (111) and Course 152.

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).

155. 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 necessarily devoted to lectures in the laboratory, and they are required to attend such lectures and pass such examinations in Chemistry and other subjects as the Professor of Botany may deem necessary. Ordinarily it is necessary that the

additional subjects be taken before the final year's work in Botany. Candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

Books of reference are set from time to time by the Professor.

Further reading is prescribed during the course. Intending Honours candidates are expected to read during the long vacation before they begin their final year, and should consult the Professor of Botany, who will advise a suitable course.

158. 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).

159. Genetics.

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).

159a. Advanced Genetics.

Pre-requisite subject: Genetics (159).

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.).

160. 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.

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.

161. 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:

Grove, A. J., and Newell, G. E., *Animal biology* (Univ. Tut. pr.).

Students should consult:

- Buchsbaum, R. M., *Animals without backbones* vols. I and II (Penguin Books).
 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).

161A. 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* (Chapman and Sons).

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).

161B. 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 (324), (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* (Chapman and Sons).

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).

162. Zoology II and III.

Pre-requisite subjects: Chemistry I (111) and course 161.

The course in Zoology II comprises either A or B below and the course in Genetics (159).

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 1954 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).

Davies, B., *A hundred years of biology* (Duckworth).

165. 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.

171. Biochemistry I.

Pre-requisite subjects: Physics I (101), Chemistry I (111) and *either* Biology I (158) *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); or
 Harrow, B., *Text-book of biochemistry* (Sanders).
 Mitchell, M. L., *Manual of practical biochemistry* (Hassell).

171a. Biochemistry II.

Pre-requisite subject: Course 171.

The course comprises three lectures a week in the first term and two lectures a week in the second and third terms. 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; 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).

172. Biochemistry for the Honours Degree of B.Sc.

The course extends over three terms.

Pre-requisite subject: Course 171a.

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 171a):

- Annual reviews of biochemistry* (Stanford University pr.).
 Hawk, P. B., et al, *Practical physiological chemistry* (12th ed.) (Churchill).
 Hamowitz, 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.

PHYSIOLOGY

173. Physiology.

Pre-requisite subjects: Physics I (101), Chemistry I (111) and *either* Biology I (158) *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 (179). 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 336), 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. 336.

174. Physiology for the Honours Degree of B.Sc.

Pre-requisite subject: Course 173.

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:

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox).

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.).

BACTERIOLOGY

Examinations.—All examinations in Bacteriology include both theoretical and practical papers. These cannot be taken separately.

175. Bacteriology I.

Pre-requisite subjects: Physics I (101), Chemistry I (111), and *either* Biology (158) *or* Botany I (151) and Zoology I (161), *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; rickettsiae and viruses; the bacteriology of milk, water and soil; general principles of immunology.

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 milk, water 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., and Starkey, *Soil and the microbe* (Wiley).
 Chalmers, C. H., *Bacteria in relation to the milk supply* (Arnold).

176. Bacteriology II.

Pre-requisite subjects: Bacteriology I (175), *either* Biochemistry I (171) or Organic Chemistry II (115 and 116).

The course consists of lectures and practical work covering at least twelve hours a week for three terms and deals with:

Physiology and metabolism of bacteria and yeasts; infection, immunity, epidemiology and serology; disinfection and chemotherapy; microbiology of food and food preservation; dairy bacteriology; 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.).

ANATOMY AND HISTOLOGY

179. 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* (5th ed.) (Saunders).

Books for further reading and reference will be recommended from time to time during the course. They may be consulted in the Medical Library.

180. 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

181. 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.

182. 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.

183. 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).

185. 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 χ^2 test; the analysis of complex experiments; the analysis of variance and the z test; correlation and regression; the design of experiments and the interpretation of observations.

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.).

186. Genetics.

Agricultural Science students will attend the course in Genetics (159) for Science students.

187. Agricultural Chemistry I.

Pre-requisite subject: Chemistry I (111).

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.

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).

188. Agricultural Chemistry II.

Pre-requisite subjects: Agricultural Chemistry I (187) or Physical Chemistry (113) and Biochemistry (189).

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, principles of animal nutrition; chemical principles associated with plant protection, fermentation processes, foodstuffs and dairy products, and the chemistry of plant viruses.

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.

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).

189. 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. 171). 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., *Textbook of biochemistry*, latest ed. (McGraw Hill).

190. Botany II (for B.Ag.Sc. Students).

Students proceeding to the degree of B.Ag.Sc. are required to take as their course in Botany II, (1) the same work as science students in the subject during the first and third terms; (2) 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:

Bonner, J., and Galston, A. W., *Principles of plant physiology* (W. H. Freeman, San Francisco).

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 152.

191. 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 (2,000 words minimum) 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).

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).

192. Microbiology.

The course comprises two lectures and five 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.).

193. 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).

Chester, K. S., *Nature and prevention of plant diseases* (Blakiston).

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).

Walker, J. C., *Plant pathology* (McGraw Hill).

194. 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).
 C.S.I.R., *Bulletin No. 164*.
 Mather, K., *Biometrical genetics* (Methuen).
 Belschner, H. G., *Sheep management and diseases* (Angus and Robertson).

195. 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.

196. Horticulture.

A course of lectures, practical work and demonstrations covering:—

Horticultural regions and production in Australia with South Australia in detail.

Temperature, moisture and soil as factors in horticultural crop distribution.

The culture of the vine, principal fruit and vegetable crops of South Australia.

Orchard, vineyard and vegetable garden management covering tillage, manuring, cover cropping, frost occurrence and control, irrigation practice, control of diseases and pests.

Principles of vineyard and orchard establishment and nursery practice.

Harvesting, processing, preservation and disposal of fruit and vegetable crops.

Equipment: Students must provide themselves with a pair of secateurs, a carborundum sharpening stone and a pruning saw.

197. 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.

198. Rural Economics.

A course of lectures and tutorials covering the following:

The nature of economics and the technique of economic studies; the application of economic principles to agriculture and to the management problems on individual farms.

Economic processes, markets, demand and supply, the price mechanism; joint supply and demand; perfect competition and monopoly.

Money and banking: Australian banking institutions and policies; foreign exchange.

International trade: trade policies, tariffs; international trade agreements; economic fluctuations and policies.

The nature of agricultural production with particular reference to economic factors influencing agricultural supply and demand; size of farms; advantages and disadvantages of large and small farms; problems of uneconomic farms; alternative methods of organising farming systems.

Agricultural credit: types of credit, importance of agricultural credit, Australian credit institutions and policies.

Agricultural marketing, co-operatives, domestic and international marketing policies.

Economic factors influencing land utilisation; rent and land values.

Land tenures, systems of tenure and acquisition of land, with particular reference to Australia.

Farm management: economic principles applied to the problems of the individual farm; choice of type of farming, planning the production programme, farm layout; combination of factors of production.

Farming as a business; measurement of efficiency, book keeping and the interpretation of records; usefulness and limitations of cost of production surveys.

Text-books:

Benham, F., *Economics* (Pitman).

Cohen, R., *Economics of agriculture* (C.U.P.).

Reference books:

Tarshis, L., *Elements of modern economics* (Houghton Mifflin).

Black, J. D., *Farm management* (Macmillan).

Samuelson, P. A., *Economics* (2nd ed.) (McGraw Hill).

United States of America, Department of Agriculture, *Yearbook*, 1940.

Rural Reconstruction Commission, *Reports* Nos. 1-10.

Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (revised edition) (M.U.P.).

199. 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 vacational 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.

ENGINEERING

203. Assaying I.

Pre-requisite subject: Inorganic and Physical Chemistry II (113 and 114b).

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:

Weinig, A. J., and Schoder, W. P., *Technical methods of ore analysis* (Wiley).

209. Architectural Theory, Construction and Practice I.

Pre-requisite subject: Building Construction and Drawing I (219).

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 (219).

210. Architectural Theory, Construction and Practice II.

Pre-requisite subjects: Architectural Design II (215); and Architectural Design III (216) 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.

211. Architectural Theory, Construction and Practice III.

Pre-requisite subjects: Architectural Theory, Construction and Practice II (210).

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 on the architectural aspects of town planning.

212. 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).

213. Architectural History II.

Pre-requisite subject: Architectural History I (212).

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.

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, P. M., *Student's Letarouilly illustrating the Renaissance in Rome* (ed. A. E. Richardson) (Tiranti).

214. Architectural Design I.

Pre-requisite subjects: Architectural Drawing I (234), Free Drawing I (232), Architectural History I (212), and Building Construction and Drawing I (219).

An introduction to architectural design. The course begins with exercises in measured drawing from local architecture and sketching of architectural detail in the field. 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).

215. Architectural Design II.

Pre-requisite subjects: Architectural History I (212) and II (213), Architectural Design I (214), Building Construction and Drawing II (220), and Architectural Drawing II (236). Architectural Theory, Construction and Practice I (209) 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).

216. Architectural Design III

Pre-requisite subjects: Architectural Design II (215), Architectural Theory, Construction and Practice I (209). Architectural Theory, Construction and Practice II (210) 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.

217. 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.

219. Building Construction and Drawing I.

A descriptive course in elementary building construction and drawing. The lectures include the consideration of brick bonds and brick wall construction, including brick joints; building stones and masonry; ventilation and damp-proofing, foundations and footings; carpentry joints; timber floors; frame construction; brick veneer; ceilings and roofs; joinery joints; doors; windows; stairs; cupboards; building boards; plywood; roof coverings and roof plumbing.

Students study and draw to scale details of importance in buildings commencing with simple examples, and progressing to more difficult ones requiring knowledge of building construction.

Text-book:

Mitchell, G. A. and A. M., *Building construction and drawing* (Batsford).

Reference books:

Sharp, W. Watson, *Australian methods of building construction* (Angus and Robertson).

Nangle, J., *Australian building practice* (Brooks).

Tullock, *Details of Australian building construction* (Keating and Wood).

220. Building Construction and Drawing II.

Pre-requisite subject—Building Construction and Drawing I (219).

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.

221. Civil Engineering I

Pre-requisite subjects: Pure Mathematics IIA (89A), Applied Mathematics I (87), Strength of Materials (274).

STRUCTURES.—A course of about 40 lectures dealing with the theory 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.

DESIGN.—A course of about 15 lectures dealing with the design of simple structures in timber, steel and reinforced concrete. The course includes lectures on foundations and retaining walls with some relevant elementary soil mechanics.

Students also attend in the drawing office for one afternoon throughout the year and in the laboratory for a further nine sessions of three hours each.

Text-books:

Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw Hill).

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:

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).

223. Civil Engineering II

Pre-requisite subjects: Civil Engineering I (221), Hydraulics (224), Surveying I (276).

PART A.—A course of about 80 lectures dealing with soil mechanics, surveying, hydraulics, water supply, irrigation, sewage treatment, road and railway 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).

Rouse, H., *Fluid mechanics for hydraulic engineers* (Wiley).

Reference books:

Either Merriman, T., and Wiggin, T. H., *American civil engineers' handbook* (Wiley) or Urquhart, L. C., *Civil engineers' handbook* (McGraw Hill).

Krynine, D. P., *Soil mechanics* (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).

Magnei, G., *Pre-stressed concrete* (Concrete Publications).

224. Hydraulics

Pre-requisite subjects: Pure Mathematics IIA (89A), Applied Mathematics I (87).

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 (in the Civil Engineering Department). The principles governing the design for one dimensional flow through water wheels, turbines and centrifugal pumps are also given (by the Mechanical Engineering Department) in Hydraulic Machines I.

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).

228. 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.

232. 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).

233. Free Drawing II

Pre-requisite subject: Free Drawing I (232).

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.

234. Architectural Drawing I.

PERSPECTIVE.—The principles of 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 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).

236. Architectural Drawing II.

Pre-requisite subjects: Architectural Drawing I (234) and Architectural History I (212).

(a) GEOMETRICAL PROJECTION.

GEOMETRICAL DRAWING.—In addition to the work set out for Drawing I, more advanced problems on the construction and areas of plane figures, circles in contact and their tangents, and curves described by points moving under restraint; 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 analytic drawings composed of plans, elevations, and important details of some classical building, temple, or the like. The components will be arranged on the sheet by the student and then rendered in light and shade. A course of instruction will be given in tone, high light, reflected light, shade, shadow, accent and emphasis, and the drawings will then be finished in monochrome or line rendering.

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).

241. Electrical Engineering I

Pre-requisite subjects: Physics II, B.E. Course (103), or Inorganic and Physical Chemistry II (113 and 114b), Pure Mathematics IIA (89A), Applied Mathematics I (87).

The course consists of an introductory set of lectures to Electrical Engineering II covering the general aspects of power engineering, required by students taking Mining, Metallurgical, Mechanical, and Civil Engineering courses.

Two lectures a week throughout the year.

Units, D.C. and A.C. measuring instruments, calibration, bridge and potentiometer methods of measurement; heating, illumination, types of incandescent and discharge lamps; magnetic circuit theory, electromagnets; D.C. machines; A.C. circuits in steady state, their solution by vector algebra, harmonic analysis, simple Fourier series; three-phase systems, elementary theory of transformers, alternators, induction motors both wound rotor and squirrel cage, synchronous motors, commutator motors, single-phase motors, rectifiers and rotary converters, together with their operating equipment; 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 lectures.

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.*

Students intending to take the course in Electrical Engineering II, are recommended to purchase Dawes, C.L., *Course in electrical engineering, Vols. I and II* (Wiley) instead of Cotton's *Electrical technology*.

Books of reference:

Kemp, P., *Alternating current electrical engineering* (Macmillan).

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 machinery* (McGraw Hill).

Smith, C. F., *Practical testing of dynamos and motors* (Science Publishing).

Smith, C. F., *Practical alternating currents and alternating current testing* (Science Publishing)

Tools: Screwdriver, pliers.

242. Electronic Engineering I

Pre-requisite subjects: Physics II, B.E. Course (103), Pure Mathematics IIA (89A), Applied Mathematics I (87).

This course is divided into two parts, viz., Electronic Engineering IA for Civil, Electrical and Mechanical Engineering students, and Electronic Engineering IB for Electrical Engineering students only.

ELECTRONIC ENGINEERING IA

One lecture a week throughout the year.

An introduction to electronics intended to enable Engineering students not primarily interested in Electrical Engineering to appreciate the applications of electronics to their own work. The subject matter includes hard and soft valves, rectification, amplification, oscillation, and the cathode-ray tube and its application.

The equivalent of three hours' practical work a week for one term.

Text-book:

Hill, W. Ryland, *Electronics in engineering* (McGraw Hill) (introductory text only).

Reference books:

Seely, S., *Electron tube circuits* (McGraw Hill).

Arguimbau, L. B., *Vacuum tube circuits* (Wiley).

Feinberg, R., *Introduction to electronic circuits* (Longmans).

Tools:

Wire-cutters; long-nosed pliers; electrician's screwdriver; soldering iron, 60-75 watt.

ELECTRONIC ENGINEERING IB

One lecture a week throughout the year.

This course is for students intending to take the course in Electrical Engineering II and is additional to Electronic Engineering IA. It includes further study of the subjects of Electronic Engineering IA and also an introduction to filters, transmission lines, and aerials; amplifiers with feedback, modulation and detection; radio transmitters and receivers.

The equivalent of three hours' practical work a week for two terms.

Text-books:

- Johnson, W. C., *Transmission lines and networks* (McGraw Hill).
 Seely, S., *Electron tube circuits* (McGraw Hill).
Radiotron valve data book (Amalgamated Wireless Valve Technical Series R.V.2).

Reference books:

- Everitt, W. L., *Communication engineering* (McGraw Hill).
 Terman, F. E., *Radio engineers' handbook* (McGraw Hill).
 Arguimbau, L. B., *Vacuum tube circuits* (Wiley).
 M.I.T. Staff, *Applied electronics* (Wiley).
 Cruft Electronics Staff, *Electronic circuits and tubes* (McGraw Hill).
 King, Mimno, Wing, *Transmission lines, antennas and wave guides* (McGraw Hill).
A.R.R.L. handbook.

243. Electrical Engineering II

Pre-requisite subjects: Electrical Engineering I (241), Electronic Engineering I (242).

The course consists of three main sections:—Part A, Servomechanisms; Part B, Electrical Power; and Part C, Electronics and Communications; but students may select Option 1 (Power) or Option 2 (Communications) as follows:—

Option 1: Power

- Part A: Servomechanisms.
 Part B: Electrical power.
 Electronics (Sections of Part C specially selected to suit the needs of power engineers).
 Specialist lectures.
 Seminar.

Option 2: Communications

- Part A: Servomechanisms.
 Part C: Electronics and communications.
 Electrical power (Sections of Part B specially selected to suit the needs of electronics engineers).
 Specialist lectures.
 Seminar.

PART A: SERVOMECHANISMS

Four lectures, and a minimum of twelve hours' practical and project work a week for a period of eight weeks in the second term.

The course covers electronic control with special emphasis on servomechanisms. In addition to the general theory of servomechanisms, the course will include transducers, electro-mechanical analogies, magnetic amplifiers, servo-motors, relays, thyratrons.

PART B: ELECTRICAL POWER

Four lectures and a minimum of fifteen hours' practical or project work a week in the first and third terms. Two lectures a week in the second term.

A more advanced study of the subject matter of Electrical Engineering I and, in addition, an advanced course in electrical measurements, circuit analysis, transformers, machines, rectifiers, transmission, power systems.

PART C: ELECTRONICS AND COMMUNICATIONS

Four lectures and a minimum of fifteen hours' practical or project work a week in the first and third terms. Two lectures a week in the second term.

A more advanced treatment of the subject matter of Electronic Engineering I 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.

SEMINARS

These serve the purpose of giving the student training in the presentation of technical material for publication and effective practice and instruction in its delivery in papers. They are so selected as to cover the more descriptive parts of the subject matter and to include advanced papers of special interest which it would be impossible otherwise to include in the syllabus.

PRACTICAL

A series of experiments and projects designed to illustrate the subject matter of the lectures.

Text-books:

Part A:

- Lauer, H., Lesnick, R., and Matson, L. E., *Servomechanism fundamentals* (McGraw Hill).
 Jaeger, J. C., *Introduction to the Laplace transformation* (Methuen Texts).

Part B:

- M.I.T. Staff, *Electric circuits* (Wiley).
 Langsdorf, A. S., *Principles of direct current machines* (McGraw Hill).
 Lawrence, R. R., *Principles of A.C. machinery* (McGraw Hill).
 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:

- Terman, F. E., *Radio engineers' handbook* (McGraw Hill).
 Starr, A. T., *Electric circuits and wave filters* (Pitman).
 Seely, S., *Electron tube circuits* (McGraw Hill).
 Seely, S., *Answers to electron tube circuits* (McGraw Hill).
 Jackson, W., *High frequency transmission lines* (Methuen).
Radiotron valve data book (Amalgamated Wireless Valve Technical Series R.V.2).

Reference books:

Part A:

- M.I.T. Radiation Laboratory Series, *Theory of servomechanisms* (McGraw Hill).
 Brown, G. S., and Campbell, D. P., *Principles of servomechanisms* (Wiley).
 Porter, A., *An introduction to servomechanisms* (Methuen).

Part B:

- Stubbings, G. W., *Automatic protection of A.C. circuits* (Chapman and Hall).
 Karapetoff, V., and Dennison, B. C., *Experimental engineering*, Parts I and II (Wiley).
 *Knowlton, A. E., *Standard handbooks for electrical engineers* (McGraw Hill).
 Miner, D. F., *Insulation of electrical apparatus* (McGraw Hill).
 Laws, F. A., *Electrical measurements* (McGraw Hill).
 Golding, E. W., *Electrical measurements and measuring instruments* (Pitman).
 Wagner, C. F., and Evans, R. D., *Symmetrical components* (McGraw Hill).
 Stigant, S. A., and Lacey, H. M., *J. and P. transformer book* (Johnson and Phillips).
 Waddicor, H., *Principles of electric power transmission* (Chapman and Hall).
 Rissik, H., *Fundamental theory of arc converters* (Chapman and Hall).
 Westinghouse Electric Manufacturing Co., *Electrical transmission and distribution reference book*.

* Students should have a copy of this handbook for calculation and design work.

Gray, A., *Electrical machine design* (McGraw Hill).
 Kimbark, E. W., *Power system stability* (2 vols.) (Wiley).
 Carr, T. H., *Electrical power stations* (2 vols.) (Chapman and Hall).
 Pestarini, J. M., *Metadyne statics* (Wiley).
 Fitzgerald, A. E., and Kingsley, C. (Jr.), *Electric machinery* (McGraw Hill).

Part C:

M.I.T. Staff, *Applied electronics* (Wiley).
 Ladner, A. W., and Stoner, C. R., *Short wave wireless communication* (Chapman and Hall).
 Gulliksen, F. H., and Veder, E. H., *Industrial electronics* (Wiley).
 Kraus, J. D., *Electromagnetics* (McGraw Hill).
 Bode, H. W., *Network analysis and feed-back amplifier design* (D. van Nostrand).
 Markus and Zeluff, *Electronics for engineers* (McGraw Hill).
 Huxley, L. G. H., *Waveguides* (C.U.P.).
 Jordan, E. C., *Electromagnetic waves and radiating systems* (Prentice-Hall).

General: Journals, such as those of the *Institution of electrical engineers*, the *American institute of electrical engineers*, etc.

244. Engineering Materials.

Pre-requisite subjects: Inorganic Chemistry I (112) and Physics I (101).

LECTURES AND PRACTICAL WORK.—The course consists of one lecture per week and three hours practical work or equivalent demonstrations throughout the year, 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).

245. 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:

Wheldon, H. J., *Costing simplified* (MacDonald and Evans).

Reference-book:

Alford, L. P. (ed.), *Cost and production handbook* (Ronald).

246. 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.

247. 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.

248. 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).

249. Engineering Drawing II

This course comprises part of the work of the first two terms only of the course given at the School of Mines as Engineering Drawing and Design II, together with a short introductory course on physical metallurgy in the third term.

Pre-requisite subjects: Engineering Drawing I (248) and Pure Mathematics I (85). If Strength of Materials (274) 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.).

256. Mechanical Engineering I

Pre-requisite subjects: Pure Mathematics IIA (89A), Applied Mathematics I (87), Physics II, B.E. Course (103), or Inorganic and Physical Chemistry II (113 and 114b), Strength of Materials (274), Engineering Drawing II (249).

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, fly-wheels and important engine components, pressure vessels.

Text-books:

Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw Hill); or

Faires, V. M., *Design of machine elements* (Macmillan).

Reference books:

Maleev, V. L., *Machine design* (International).

Black, P., *Machine design* (McGraw Hill).

Marks, L. S., *Mechanical engineers' handbook* (McGraw Hill).

Kent, W., *Mechanical engineers' handbook*, Vols. I and II (Wiley).

Machinery's handbook (Ind. pr.).

Mechanical world yearbook, 1953 (Mechanical World).

Standard Specifications and Codes.

257. Mechanical Engineering II

Pre-requisite subjects: Hydraulics (224), Mechanical Engineering I (256), Electrical Engineering I (241), and Electronic Engineering IA (242).

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 comprehensive 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 and fluid flow 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).

Reference books:

Ewing, J. A., *Thermodynamics for engineers* (C.U.P.).

Schmidt, E., *Thermodynamics* (Oxford Clarendon Press).

Baker, H. W., *Inchley's theory of heat engines* (Longmans).

Pye, D. R., *Internal combustion engine*, Vols. I and II (O.U.P.).

Adams, H., *Elements of internal combustion theory* (C.U.P.).

Shepherd, D., *Introduction to gas turbines* (Constable).

- Vincent, E. T., *Theory and design of gas turbines and jet engines* (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).
 Venemann, H. G., *Refrigeration theory and applications* (Nicherson and Collins).
 Goodman, W., *Air conditioning analysis* (Macmillan).

FLUID MECHANICS.—A course covering the principle of similarity and theory of models, flow metering, basic aerodynamics, the development of theory and practice of hydraulic pumps, turbines, fluid transmissions, and gas fans, blowers, compressors and turbines.

Text-books:

- Wislicenus, *Fluid mechanics of turbo machinery* (McGraw Hill).
 Rouse, H., *Elementary mechanics of fluids* (Wiley).

Reference books:

- Hunsaker and Rightmire, *Engineering applications of fluid mechanics* (McGraw Hill).
 Nelson, W. C., *Airplane propeller principles* (Wiley).
 Kearton, W. J., *Turbo blowers and compressors* (Pitman).
 Spannhake, 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).
 British Standard Code, *Flow measurement*.
 Goldstein, *Modern developments in fluid dynamics* (Oxford).
 Rouse, H., *Fluid mechanics for hydraulic engineers* (McGraw Hill).
 Binder, R. C., *Fluid mechanics* (Prentice Hall).

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) or
 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 of 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).
Van Voorhis, M. G., *How to make alignment charts* (McGraw Hill).
Chase, H. H., *Handbook of designing for quantity production* (McGraw Hill).
Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

260. Process Engineering I.

Pre-requisite subject: Inorganic and Physical Chemistry II (113 and 114b).
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, transportation and storage of solids, the principles of fluid mechanics and their application to the movement of solids in fluids (an introduction to sedimentation and gravity separation) and to the flow of fluids through orifices, mass transfer (as exemplified by flow of fluids in pipe lines and pumping), the flow of fluids through porous beds, and finally, 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 per 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 per 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 per 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).

261. Process Engineering II.

Pre-requisite subjects: Physical Chemistry III (117A), Process Engineering I (260), Engineering Drawing II (249).

The work is divided into three parts.

A. UNIT OPERATIONS II.

Lectures: Two hours per 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 per week throughout the year is devoted to the solution of practical problems involving the application of fundamental principles.

Practical Work: Approximately fifteen hours per 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).

Treyball, 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: One hour a week throughout the year, dealing with oxidation, reduction, neutralisation, double decomposition, calcination, hydration, hydrogenation, electrolysis and thermal decomposition.

Practical Work: Three hours a week throughout the year of quantitative laboratory bench-scale work, designed to illustrate the physical and chemical principles of unit processes (inorganic chemical).

Text-book:

Shreve, R. N., *Chemical process industries*, 1945 (McGraw Hill).

Reference books:

Kobe, K. A., *Inorganic process industries* (Macmillan).

Furnas, *Rogers' manual of industrial chemistry*, Vols. I and II (Van Nostrand).

Riegel, E. R., *Industrial chemistry* (4th Ed.) (Reinhold).

C. INDUSTRIAL ECONOMICS II.

Lectures: A seminar of two hours per 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).

262. Industrial Instrumentation.

Pre-requisite subject: Inorganic or Physical Chemistry II (113 and 114b).

Lectures: One hour per 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, records 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).

264. Physical Metallurgy I

Pre-requisite subjects: Chemistry I (111 or 112) and Physics I (101).

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).

267. Mining Engineering I

Pre-requisite subjects: Geology I (141), Engineering Drawing II (249), and if Surveying IA (277) has not been passed, it must be taken concurrently.

The course consists of two lectures a week throughout the year, and is a general treatment of the field of mining engineering, viz.: prospecting and surface exploration, sampling, explosives, mine development, support of mine excavations, stoping methods, elementary coal mining, and tunnelling.

Text-books:

Lewis, R. S., *Elements of mining* (Wiley); or

Young, G. T., *Elements of mining* (McGraw Hill).

Reference books:

Higham, S., *An introduction to metalliferous mining* (Griffin and Co.).

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).

268. Mining Engineering II

Pre-requisite subjects: Mining Engineering I (267), Strength of Materials (274), Hydraulics (224).

Lectures: Three hours a week throughout the year, dealing with underground transport, hoisting, drainage and pumping, mine ventilation, subsidence and

ground control, 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, G. H., *Dust, its effects on the respiratory system* (Lewis).

Students should provide themselves with seven-figure logarithmic tables, such as Chambers' *Mathematical tables*.

270. Oredressing.

Pre-requisite subject: Geology I (141).

Lectures: Two hours a week for two terms dealing with size reduction of solids; size separation; classification; gravity concentration; dewatering; flotation; mill design.

Practical Work: Three hours a week for two terms of bench and pilot scale experiments designed to illustrate the principles of oredressing.

Text-book:

Taggart, A. F., *Elements of oredressing*, 1951 (Wiley).

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).

272. 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.

274. Strength of Materials.

Subjects to be taken concurrently, if not already passed: Pure Mathematics IIA (89A), and Applied Mathematics I (87).

Students are required to do a course of experimental work on the testing of materials in the Engineering Laboratory, and at the end of the year they must submit for examination an original design, together with all necessary computations, of some approved structure of simple type.

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:

Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw Hill).

276. Surveying I.

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 (281) before being credited with this subject.

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*.

277. 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*.

278. Surveying IB.

Pre-requisite subjects: Pure Mathematics I (85) and Engineering Drawing I (248).

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).

281. Survey Camp (First).

Students must attend lectures and practical classes in Surveying I (276) 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.

282. Survey Camp (Second).

This camp is for Civil Engineering students who normally attend at the end of their 3rd year.

The camp is of about three weeks' duration, and is held during the long 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 lectures.

286. 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—patternmaking, foundry work, welding, soldering and brazing, machine shop practices; safety principles.

Practical Work: Simple exercises in grinding, chipping, filing, drilling, boring, turning, forging, welding the use of common measuring tools.

Processes and tools: Patternmaking, 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.

287. 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.

The Honours Degree of Bachelor of Engineering

A. UNDER REGULATION 14.

Candidates are required to give their attendance for an entire academic year, and for two months in the long vacation following, to a special course of seminar reading and laboratory work as prescribed, provided that in the case of candidates

who have passed in the subjects Pure Mathematics III (95), Applied Mathematics II (91), and Physics III (104), the course of study during the academic year will be reduced and may be taken concurrently with such part of the fourth year of the course for the Ordinary Degree of B.E. in Civil, Electrical or Mechanical Engineering as the Professor shall determine.

Candidates who have shown marked ability in Mathematics in their first two years and who wish to take advantage of the regulation permitting Pure Mathematics III (95), Applied Mathematics II (91), and Physics III (104) to count as part of the work for the Honours degree are recommended to study these subjects in their third year.

The fee for the full year's course is £25, and that for the reduced course (available only to candidates who have passed in courses 91, 95, and 104) is £10/10/-.

B. UNDER REGULATION 15.

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.

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 1954, 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 (301).

- (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* (4th 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).

Note: Students will be expected to have read Geldart, W. M., *Elements of English law*, and Williams, G. L., *Learning the law*, before the beginning of lectures.

2. Constitutional Law, Part I (302).

- (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* (3rd 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 (303).

- (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* (2nd 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).

4 and 5.

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.

SPECIAL SUBJECTS

1. Latin—(5).

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) (304).

The course of lectures is given in alternate years, and will not be given in 1954.

CORRECTION

The heading "SPECIAL SUBJECTS" on page 642 and all matter thereafter until the end of the paragraph headed "5. Private International Law" on page 643, should appear after the paragraph headed "7. Constitutional Law" on page 645.

5. Private International Law (305).

The course of lectures is given in alternate years, and is completed in one year. It will be given in 1954.

Text-book:

Cheshire, G. C., *Private international law* (4th ed.) (O.U.P.).

Reference book:

Dicey, A. V., *Conflict of laws* (6th ed.) (Stevens).

6. The Law of Contract (306).

- (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 (307).

- (a) General principles of the law of torts.
- (b) Specific torts.
- (c) Statutes and reports of cases specifically prescribed in lectures.

Text-book:

Winfield, P. H., *Text-book of the law of tort* (4th or 5th ed.) (Sweet and Maxwell).

Reference books:

Salmond, J., *Law of torts* (10th 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 (308).

- (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 (309).

- (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.).

B. SUBJECTS UNDER REPEALED REGULATIONS.

(See Calendars for 1952 or earlier years.)

ORDINARY SUBJECTS

1. The Law of Wrongs (307A).

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) (308a).

As for the Law of Property under the new regulations.

3. The Law of Equity and Conveyancing (310).

- (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.

4. Mercantile Law (311).

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).

5. The Law Relating to Companies, Partnership, Bankruptcy, and Divorce (312).

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.

6. The Law of Evidence and Procedure (313).

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.).

7. Constitutional Law (302A).

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.

FACULTY OF MEDICINE

DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

FIRST EXAMINATION

321. 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 101, 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.).

322. 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. L., *Text-book of qualitative chemical analysis* (Longmans).

323. 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, 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:

Tansley, A. G., and James, W. O., *Elements of plant biology*, 2nd ed. (Allen and Unwin); or
Godwin, H., *Plant biology* (C.U.P.).
James, W. O., *Elements of plant biology*, 3rd ed. (Allen and Unwin).

324. 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**331. 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).

332. 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 textbook of histology* (5th ed.) (Saunders); together with:
Hamilton, W. J., and others, *Human embryology* (Heffer); or
Keith, A., *Human embryology and morphology* (6th ed.) (Arnold).
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* (Lippincott).

THIRD EXAMINATION

335. 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.

Approximately twelve hours must be devoted weekly to work in the dissecting room and 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.

336. 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. 342.

FOURTH EXAMINATION

341. Group I: Pathology and Bacteriology.

The courses extend over two years, and include instruction and practical work in:

1. **BACTERIOLOGY:** Morphology, physiology, cultivation, isolation and classification of bacteria; principles of sterilisation, disinfection and chemotherapy; bacteria in relation to disease; general and special bacteriological methods useful in diagnosis; serology; principles of immunology; the filtrable viruses; the bacteriology, immunology, and epidemiology of specific infections.

2. **GENERAL PATHOLOGY:** This course is given in the third year, and comprises an introduction to the subject in preparation for the clinical work of the fourth, fifth and sixth years. 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. In the third term an introductory course in clinical pathological methods is given.

3. **SPECIAL PATHOLOGY:** This course extends throughout the fourth and fifth years. 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 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).

Wright, G. P., *An introduction to pathology* (Longmans).

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).

342. Group II: 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).

343. Group III: 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.

344. Group IV: Public Health and Preventive Medicine and Forensic Medicine.

A. 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.).

B. 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).

FIFTH EXAMINATION**351. 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* (9th ed., 1949) (Livingstone).

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* (9th ed., 1945) (Arnold).
 Wood, P. H., *Diseases of the heart and circulation* (Eyre and Spottiswoode for Practitioner, 1950).
 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* (6th ed., 1950) (Churchill).

Walshe, F. M. R., *Diseases of the nervous system* (7th ed., 1952) (Livingstone).

Harries, E. H. R., and Mitman, M., *Clinical practice in infectious diseases* (4th ed., 1951) (Livingstone).

Christie, A. B., *Infectious diseases* (1946) (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 ed.) (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* (5th ed., 1950) (Livingstone).

White, Sir W. Hale, *Materia medica, pharmacy, pharmacology and therapeutics* (28th ed., 1949) (Churchill).

B. PSYCHOLOGICAL MEDICINE: The course includes:

1. NORMAL PSYCHOLOGY: Six lectures at the end of the the third year.

(a) The emotional life: individual emotions, instinctive impulses, organic sensations, organisation of the emotions.

(b) The work of intelligence in perceiving: sensation, meaning, imagination; belief, dreams, illusions; association, memory, attention.

2. ABNORMAL PSYCHOLOGY: Six lectures in the first term of the sixth year.

(a) Psycho-pathology.

(b) Disorders of cognition, affection and conation.

(c) Mental mechanisms.

Text-book:

Gordon, R. G., Harris, N. G., and Rees, J. R., *Introduction to psychological medicine* (O.U.P.).

3. MENTAL DISORDERS AND MENTAL DEFICIENCY: Six lectures; also clinical demonstrations at the Enfield Receiving House in the second term of the sixth year.

(a) Amentia; affective psychoses; schizophrenicparanoid psychoses; confusional and tonic states: other organic psychoses.

(b) The legal relationship of mental disorders.

Text-book:

Henderson, D. K., and Gillespie, R. D., *Text-book of psychiatry* (O.U.P.).

C. MEDICAL DISEASES OF CHILDREN: A course of ten lectures on infant feeding and management, and disease specially important in children; demonstrating 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, *Infant feeding* (Ramsay, Melb.).

352. 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).
 Rawling, L. B., *Land marks and surface markings of the human body* (Lewis).

Reference books:

- Cunningham, D. J., *Manual of practical anatomy* (O.U.P.).
 Beesly, L., and Johnston, T. B., *Manual of surgical anatomy* (O.U.P.).
 Rowlands, R. P., and Turner, P., *The operations of surgery* (Churchill).
 Turner, 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:

- Wolff, 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* (Livingstone).

353. Group III: Obstetrics and Gynaecology.

A. OBSTETRICS: Physiology of the pituitary gland and ovary; the menstrual cycle; ovulation; fertilisation and implantation of the ovum; development of the placenta and membranes; functions of the placenta; diagnosis of pregnancy; physiology of the foetus and mother; management of normal pregnancy; presentations of the foetus; anatomy and physiology of labour; mechanism and management of normal labour; the normal puerperium; abnormal pregnancy; abnormal labour; complications of the third stage of labour; abnormalities of the placenta; the abnormal puerperium; management of the normal new-born baby; asphyxia neonatorum; common injuries and diseases of the new-born; obstetric operations; radiology in obstetrics; the sex hormones.

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.

Obstetrics—

Text-books:

Eden, T. W., and Holland, E. L., *Manual of obstetrics* (9th ed.) (Churchill).

Mayes, B. T., *Text-book of obstetrics* (Australasian Publishing Coy.).

Reference books:

Browne, F. J., *Ante and post natal care* (6th ed.) (Churchill).

Munro-Kerr, J. M., and Chasser-Moir, J., *Operative Obstetrics* (5th ed.) (Baillière, Tindall and Cox).

Browne, F. J., *Postgraduate obstetrics and gynaecology* (Butterworth Medical Publications).

Maguire, F. A., *The anatomy of the female pelvis* (4th ed.) (Angus and Robertson).

Gynaecology—

Text-books:

Berkeley, G. H. A. C. (ed.), *Diseases of women*, by Ten Teachers (Arnold).

Schlink, H. H., *Gynaecology* (Angus and Robertson).

Shaw, W., *Textbook of gynaecology* (Churchill).

Solomons, B. A. H., *Handbook of gynaecology* (Baillière, Tindall and Cox).

Reference books:

Eden, T. W., and Lockyer, C., *Gynaecology* (Churchill).

Crossen, H. S., and Crossen, R. T., *Diagnosis and treatment of diseases of women* (Mosby, St. Louis).

Te Linde, R. W., *Operative gynaecology* (Lippincott).

354. 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

361. Anatomy.

The general scope of the work in Anatomy is similar to that prescribed for the degrees of M.B. and B.S., but a more accurate knowledge is required and more detail in respect of regions and structures of particular surgical or medical importance.

Embryology, Histology, and Neurology are treated as experimental and not purely descriptive sciences. Some knowledge is required of the factors underlying the growth and differentiation of the body and its organs, the histogenesis of tissues, and particular aspects of structures important as the basis of physiological and pathological processes.

The candidate is expected to show an acquaintance with modern trends in anatomical research such as can be obtained from current and recent numbers of journals, monographs, etc.

362. 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.

401. 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 101, 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.).

402. 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. L., *Text-book of qualitative chemical analysis* (Longmans).

403. 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).

404. 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* (3rd ed.) (Saunders).

SECOND YEAR.

411. Anatomy and Histology.

A. 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.).

B. 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).

412. 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.).

413. 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).

414. 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).

415. 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* (3rd ed.) (Saunders).
 Osborne, J., *Dental mechanics for students* (2nd ed.) (Staples).

THIRD YEAR.

421. Pathology and Bacteriology.

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-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).

Reference books:

- 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).

C. GENERAL AND DENTAL BACTERIOLOGY: A course of lectures and practical work designed to give instruction of an elementary nature on the 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-book:

Fairbrother, R. W., *Textbook of medical bacteriology* (5th ed.) (Heineman).

422. 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.

423. 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).

424. Dental Materia Medica.

An introductory course of instruction on the application of drugs relating to the practice of dentistry.

Text-books:

Prinz, H., Rickert, U. G., and Dobbs, E. C., *Pharmacology and dental therapeutics* (9th ed.) (Mosby); or

Dilling, W. J., and Hallam, S., *Dental materia medica, pharmacology, and therapeutics* (3rd ed.) (Cassell).

425. Prosthetic Dentistry.

- (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.).

426. 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.

431. 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).
 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.).

432. 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.).

433. 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).

434. 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.).

435. 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).

436. Orthodontics.

A course of instruction, demonstrations, and practical work.

437. 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.).

438. 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).

439. 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).

440. 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.

441. Anaesthetics.

A course of lectures and demonstrations on general anaesthetics.

Text-book:

- Kaye, G., Orton, R. H., and Renton, D. G., *Anaesthetic methods* (Ramsay).

442. Prosthetic Dentistry.

- (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).

443. Orthodontics.

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).

444. Dental Jurisprudence

A short course of lectures dealing briefly with this subject.

445. 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.

446. Oral Surgery.

A short course of instruction on major dental operations and operative procedure on adjacent structures.

447. 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 TECHNIQS.

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

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.

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

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

Syllabuses are as follows:—

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.

CHEMISTRY:

I. A course of advanced reading and study and, when required, the preparation of written papers on selected and approved subjects dealing with the dental application of chemistry.

II. The scope will entail:

(a) A knowledge of the chemistry of tooth substance, saliva, and salivary calculus; starches and sugars, and their fermentation in the mouth; antiseptics, antibiotics, protoplasmic poisons and caustics; urea and barbiturate drugs; general anaesthetics; local anaesthetics; adrenalin and adrenalin substitutes. A knowledge of the history and chemistry of vulcanite and synthetic resins; impression compounds; waxes, and any other special dental materials not mentioned in part (b);

(b) A specialised knowledge of some physical chemistry subjects, such as colloid phenomena, polymerisation and the formation and properties of plastics, the properties of dental cements and of plaster of Paris, acids, bases, salts, hydrolysis, the term pH.

METALLURGY.—Advanced study of the chemical and physical properties of metals and alloys as applied to dentistry.

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.

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.

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.

BACTERIOLOGY.—Further knowledge of the general and special bacteriology of the B.D.S. course; study of specified recent literature on bacteria found in the mouth; brief survey of recent knowledge on antiseptics and chemotherapy, infection and immunity. Practical work under the direction of the head of the department.

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.

FACULTY OF MUSIC

DEGREE OF BACHELOR OF MUSIC AND DIPLOMA OF ASSOCIATE IN MUSIC

451. Chief and Second Practical Studies I, II and III.

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: 452. 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.

453a. 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.

453b. 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.

453c. 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.

454. Ensemble Playing I and II.

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.

455. Speech Training I, II and III.

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.

456. The Scope of School Music I, II and III.

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.

457. Principles of Class Music Teaching I, II and III.

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.

458. Modern Languages I, II and III.

459. Drama I, II and III.

These courses are not yet available.

SYLLABUS— 465a. 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— 465b. 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.

465c. 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.

465d. 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.

465e. 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.

466a. Counterpoint I.

SYLLABUS: Simple counterpoint; all species in two parts.

EXAMINATION: One two-hour paper.

466b. 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.

466c. 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.

466d. 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.

467a. 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.

467b. 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.

468a. 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.

468b. History of Music II.

SYLLABUS:

- (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.

468c. History of Music III.

SYLLABUS:

- (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.

468d. 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.

469. Form and Analysis and the Literature of Music I, II and III.

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.

470a. 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.

470b. 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.

471. 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.

COMMERCIAL STUDIES.

481. 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.

Synopsis of topics:

(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.), *Intermediate accounting* (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 content of published financial statements* (Butterworth).

Bray, F. S., and Sheasby, *Design of accounts* (O.U.P.).

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.

482. Accountancy II.

Accountancy II is a course in financial accounting and auditing, consisting of two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. 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.

Synopsis of topics:

Departmental accounts; branch accounts and the treatment of foreign currencies in accounts; accounts current; unsystematised records; dissolution of a partnership; 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.

Valuation of goodwill; valuation of shares in companies; advanced classification of accounts; the planning of accounting systems; form and content of published accounts (advanced).

The double account system; accounts of banks and insurance companies; fire losses and loss of profits insurance; accounts of pastoralists and mining companies; accounts of builders and contractors; hire-purchase accounts; instalment payment purchases; accounts of trustees, liquidators, receivers and executors; accounts and statements relating to bankruptcy.

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:

Carter, R. (ed.), *Advanced accounts* (Australasian Ed., Pitman).
Yorston, Smyth and Brown, *Advanced accounting*, Vols. 1, 2, and 3 (Law Book Co.).

De Paula, F. R. M., *Principles and practice of auditing* (7th Australasian Ed., Pitman).

(b) Books for reference:

Dicksee, L. R., *Auditing* (Gee).

Spicer, E. E., and Pegler, E. C., *Practical auditing* (H.F.L.).

Irish, R. A., *Practical auditing* (Law Book Co.).

Cocke, H., *Summary of principal legal decisions affecting auditors* (Gee).

Examination: Three 3-hour papers.

483. 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 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.

Synopsis of topics:

(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; narrative reports to management.

(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 for special purposes:*

The relationship between accounting method and economic theory; accounting and economic concepts; the accountancy 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.

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., *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:

- Yorston, Brown and Sainsbury, *Introduction to costing procedures*.
 Dohr and Inghram, *Cost accounting* (Ronald).
 Saunders, *Cost accounting for control* (McGraw-Hill).
 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.).
 Solomon, *Mechanized accounting* (Butterworth).

Examinations: Three 3-hour papers.

484. 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 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.

Synopsis of topics:

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.

485. Law I.

A course of two 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.).

486. Law II.

The course comprises two lectures a week plus 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.

Section A.

Text-book:

Charlesworth, J., *Mercantile law* (Stevens).

For reference:

Russell, F. A. A., Edwards, D. S., *Law relating to bills of exchange in Australia* (Law Book Co.).
 Joske, P. E., *Insurance law in Australasia* (Law Book Co.).

Section B.

Text-book:

Charlesworth, J., *Principles of company law* (Stevens).

For reference:

Pilcher, Uther and Baldock, *The Australian Companies Acts* (Butterworth).

487. Law III.

The course comprises two lectures a week plus 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.

Section A.

Text-book:

Dean, A., *Law relating to hire in Australia* (Law Book Co.).

Section B.

Text-book:

Hannan, *Treatise on the principles of income taxation*.

For reference:

Gunn, *Commonwealth income tax law*.

Section C.

Text-book:

Young, *Bankruptcy law and practice*.

For reference:

McDonald, Henry and Meek, *Australian bankruptcy law*.
 Kerr on *Receivers*.

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 1954 to 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.

489D. Economics (Diploma Course).

A candidate for the Diploma in Public Administration (or Commerce) may take either Economics I (51) or Social Economics (54), 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.

495. 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 Political Science (47). It 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).

Sawer, G., *Australian Government today* (Melbourne Univ. Press).

Students should procure:

Soltau, R. H., *Introduction to politics* (Longmans).

Other useful books are:

Strong, C. F., *Modern political constitutions* (Sidgwick and Jackson).

Jennings, W. I., *The British constitution* (Cambridge).

Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).

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).

Sawer, G. L. (ed.), *Jubilee symposium on federation* (Cheshires).

496. Public Administration.

The course consists of about 60 lectures, is completed in one year, and is normally given in alternate years. It will be given in 1954 if sufficient students enrol.

The course covers:—(a) the relationship of the administrative organisations of Government to the Executive; (b) a study of the administrative organisations of Government and local Government in England, America and Australia; (c) examination of the constitution and methods of operation of public utility undertakings, statutory corporations, etc.; (d) problems associated with organization, classification, appointments, promotions, dismissals, conditions of employment and other functions associated with the recruitment, control and regulation of a Public Service.

Text-books:

Pfiffner, J. M., *Public administration* (Ronald).

Warren, J. H., *English local government system* (Allen and Unwin).

Journals of the English and Australian Institutes of Public Administration.

497. 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).

Hansen, A. H., *Fiscal policy and business cycles* (Allen and Unwin).

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.

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.

501 and 502. Theoretical Inorganic Chemistry.

Pre-requisite subject: Leaving Chemistry.

The course is divided into two parts, namely (501) 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 (502) 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.

Synopsis.—(501) 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.

(502) 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. D., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

503. 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).

504. Pharmacy I.

A. 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 pharmaceutics* (Baillièrè, Tindall and Cox).

Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

B. 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.

C. 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.

505. Theoretical Organic Chemistry.

Subject-matter:

The nature of organic chemistry structural considerations and isomerism; classification of organic compounds. The aliphatic hydrocarbons; methane and other paraffins; ethylene and acetylene; unsaturation; structural isomerism; stereochemistry. Aliphatic halogen compounds; chloroform; iodoform; ethyl chloride. Simple aliphatic alcohols; fermentation; enzymes; glycol and glycerol. Simple aldehydes and ketones; chloral and butylchloral hydrates. More commonly occurring organic acids; fruit acids; citric and tartaric acids; lactic acid; esterification and common esters; ethyl and amyl nitrites. Oils and fats; oleates; saponification; characteristics of fixed and volatile oils. Simple sugars and glycosides; salicin; amygdalin; polysaccharides. Amides; urea; barbituric acid and substituted barbituric acids. Uric acid and the purines. Proteins and their silver derivatives. Coal tar hydrocarbons and their common derivatives; aromatic acids and alcohols; benzoin; phenol, cresols and derived antiseptics. Synthetic drugs; acetanilide, phenacetin, aspirin, phenazone, and other outstanding B.P. organic compounds;

sulpha-drugs. Synthetic dyestuffs of medicinal interest. Terpene compounds; camphor; menthol. Simple alkaloids. Principles of chemotherapy; organic arsenicals.

Text-book:

Macbeth, A. K., *Organic chemistry* (Longmans).

506. 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. D., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

Appleyard, F. N., and Lyons, C. G., *Practical pharmaceutical chemistry* (Pitman).

507. Biology.

This course is the same as that prescribed for the B.Sc. degree. See syllabus No. 158.

THIRD EXAMINATION.

508. 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:

509. 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.

510. 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.

511. 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:

512. 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).

513. 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 Foods and Drugs Act and Regulations including the Poisons Regulations. Some discussion of the historical background of these enactments is also included.

514. Pharmacy Organisation.

This course covers the practical application of the principles given in previous courses dealing with Commercial and Forensic Pharmacy (509 and 513).

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:

515. 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.

516. 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, *Text-book of pharmaceutics*. Section 5 (Baillière, Tindall and Cox).

517. 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.

518. Organic Medicinals.

This course is primarily concerned with the pharmacy of organic compounds and therefore extends the scope of course 505. Reference is made to the use and action of selected drugs.

519. 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. 553.

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. 84.)

DIPLOMA IN PHYSICAL EDUCATION

For the syllabuses of the special subjects for the diploma in Physical Education, see those beginning No. 520.

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.

520. 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).

521. 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, Trenchard and Trubner) very helpful in connection with their work on muscular activities.

525. 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).

526. 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).

527. 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.

528. 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.

529. 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.

531. 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' school*. 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).

532. 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).

533. 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.

534. 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. C., *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).

536. 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.

537. 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.

551. Economics.

Candidates may take either the course in Economics I (see syllabus no. 51) or the course in Social Economics (see syllabus no. 54). Either course comprises two lectures a week throughout the academic year.

552. 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. 69.

553. 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 (158) and the third term's work specified below. Course B comprises the first two terms' work in Human Biology (520) 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.

554. Social History.

Either (1) or (2) or (3) may be taken.

(1) POLITICAL SCIENCE.

The course of lectures is given annually, and is completed in one year. See syllabus no. 47.

(2) ECONOMIC HISTORY.

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. 45.

(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).

Simey, T. S., *Principles of social administration* (Institute of Public Administration).

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.

555. Principles and Practice of Social Work I and II.

First Year.

Two hours a week throughout the academic year.

SYLLABUS.—A brief historical survey of social work and differentiation of various branches. Definition, method and scope of social case-work, social group work, community organisation and social research. Differentiation, development and influence of various philosophies of social case-work. Principles of case-work. Techniques of interviewing; case study; interpretation of case material and treatment; the process of helping the individual through the use of community resources and a personal relationship. Forms of treatment; environmental manipulation, clarification, psychological support, development of insight. The case-worker as a member of a team. Case recording. Co-ordination in social work. Training and skills related to specialisations in case-work.

Case material is used to illustrate principles, and opportunities are given for students to discuss their own problems from the field.

Second Year.

Three hours a week.

SYLLABUS.—More advanced study of case-work principles and techniques based on case records. Special reference will be made to child welfare and the rôle of the social worker in relation to institutional care, foster-home placement, adoption, treatment of the delinquent and the "problem child"; the physically handicapped (with special reference to the tuberculous and the aged). Marriage guidance. Counselling. Adult probation. Atypical families, migrants, the unmarried mother and her child, chronic dependants, etc. Administration of social agencies. The social worker and the community—methods of community organisation.

If possible opportunities will be offered for social research.

Students are given opportunities to prepare and present cases for discussion by the class.

Reference books for First and Second Year:

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).

Sayles, M. B., *Substitute parents* (N.Y. Commonwealth Fund).

Reynolds, B. C., *Between client and community* (Smith College studies in social work).

Rogers, C. R., *Counselling and psychotherapy* (Houghton, Mifflin and Co.).

Rogers, C. R., *Client-centred therapy* (Houghton, Mifflin and Co.).

McMillen, W., *Community organisation for social welfare* (Chicago Univ. pr.).

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.).

- Harris, E. S., *Community centres and associations* (London National Council of Social Sciences).
 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. Annual proceedings of national conference of social work* (Columbia Univ. pr.).
The Social Work Year Book (Russell Sage Foundation).
 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).

Periodicals:

- Social casework.*
Social service review.
Social work.
British journal of psychiatric social work.
American journal of orthopsychiatry.
Social service—National Council of Social Service (London).

References to additional reading will be given in the lectures.

Psychiatric Information.

A short course of lectures and discussions given by psychiatrists in the Third Term.

Introduction to psycho-pathology: Study of the aetiology and symptoms of the most frequent mental illnesses. Brief history of the development of psychiatric dynamics. Significance of social factors. The sphere of psychiatric social work and the role of the psychiatric social worker in mental hygiene services, clinics and mental hospitals.

Psychological Aspects of Child Care.

A brief course given by a clinical psychologist in the Second Term.

Social-clinical aspects of child welfare in the matters of institutional and foster-home care, adoption, delinquency and disorders of behaviour and personality, with special reference to the relationship between social worker and clinical psychologist.

Reference books:

- Bakewin, R. M. and H., *Psychologic care during infancy and childhood* (D. Appleton-Century Co. N.Y. and Lond.).
 Gordon, R. G. (Ed.), *A survey of child psychiatry* (O.U.P.).
 Hadfield, J. A., *Psychology and mental health* (Allen and Unwin).

Principles of Group Work.

Ten lectures in the Second Term.

This course is the introduction to the study of group work and deals with the place of group work in modern society, types of groups and methods of working, the development and function of leadership and the results of group experience in the light of recent research studies.

Reference books:

- Baxter and Cassidy, *Group experience* (Harper and Bros.).
 Trecker, H. B., *Social group work* (Women's Press, N.Y.).
 Trecker, H. B., *Group process in administration* (Women's Press, N.Y.).
 Trecker, A. and H., *Handbook for group leaders* (Women's Press, N.Y.).
 Coyle, G., *Group experiences and democratic values* (Women's Press, N.Y.).
 Lindsay, A. W., *Group work recording* (Women's Press, N.Y.).
 Slavson, S. R., *Creative group education* (Assocn. pr.).
 Coyle, G., *Group work with American youth* (Harper and Bros.).

556. 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 stratifications of culture and civilization structure of primitive society; growth of societies; the modern state; demographic aspects of social structure.

Social control: custom, morals, religion, law, convention, fashion, public opinion, education and propaganda. Social controls in primitive society. Adjustment and deviation.

Social change: biological, geographical, technological and cultural factors; social development; social values and cultural trends; social mobility; migration and cultural assimilation; culture contacts; social disorganisation; theory of cultural lag; social problems; social planning; social aspects of town-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.).
Mallinowski, 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.

557. 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. and L., *Experimental social psychology* (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 Pierre, 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).

- Louitt, 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., *Personality* (Harper).
- Ginsberg, M., *Psychology of society* (O.U.P.).
- Allport, G. W., *Personality* (Constable).
- Jennings, H. S., *Biological basis of human nature* (Faber).
- Hollingsworth, 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.).
- Mluckhohn, 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.).

558. 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.; aboriginals; nationality and naturalization.

Books of reference:

Texts of Acts of Parliament.
Commonwealth year book.

Other references will be given throughout the lectures.

559. Nutrition.

See syllabus no. 527 for the course in Human Nutrition given to physical education students.

561. 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.

571. 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

Keith, A., *Human embryology and morphology* (6th ed.) (Arnold).

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.

572. 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.

573. 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.

574. 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.

575. 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).

576. Social Psychology.

Same course as for Social Science students, but a separate examination will be held. See Syllabus No. 557.

SECOND-YEAR COURSE

581. 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).

582. 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).

583. 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).

585. 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).

586. 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. STUDENTS WORKING ON EACH OTHER.—Ten hours in practical electrical stimulations.

D. QUEEN VICTORIA MATERNITY HOSPITAL.—Students are divided into groups which attend in rotation one morning a week during the academic year.

THIRD-YEAR COURSE

591. 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.

592. Practical Work on Patients.

A. At the Royal Adelaide Hospital:

The course extends over eighteen 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 540 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 both 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.

593. 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 is a course of about 12 lectures on orthopaedics by an orthopaedic surgeon, and a course of six lectures on chest treatments.

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).

584. Medical Electricity.

The course consists of one lecture a week for three terms and practical work for one hour a week for three terms. In addition, four specialist lectures on the mechanical and electrical construction of machines are given in the third year.

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* (Baillièrè, 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* (Baillièrè, Tindall and Cox).

TIME-TABLES FOR 1954

By decision of the Council, classes in most Faculties that would normally have been held between 2 p.m. and 5 p.m. on Monday and Friday afternoons will be held between 2.30 p.m. and 5.30 p.m.

Students should therefore make appropriate adjustments in the time-tables published in the following pages.

TIME-TABLES FOR 1954

FACULTY OF ARTS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
	Elementary Greek		Times to be arranged				
1	Greek I	—	9	9	9	—	—
2	Greek II	—	9	9-11	9	—	—
3	Greek III		Times to be arranged				
5	Latin I Day Night	11 5.15-7.15	11	11	— 5.15-7.15	11	—
6, 7	Latin II and III	12	12	12*	12	—	—
9	Comparative Philology	5	—	—	5	—	—
11	Honours Classics		Times to be arranged				
15	English 1A Day Night	12 5.15	—	5.15	11	—	—
16	English I Day Night	—	12 5.15	—	—	12 5.15	—
17	English II .. Even Years Odd Years	—	11 5.15	—	—	12 5.15	—
18	English III .. Even Years Odd Years	—	5.15 11	—	—	5.15 12	—
20	Honours English		Times to be arranged				
26	French I—Lectures .. Day Night	—	10 6.15	—	—	10 6.15	—
	Oral	—	—	6.15	—	—	—
27	French II Lectures	10	—	—	10	—	—
	Oral		Times to be arranged				
28	French III Lectures	—	10	—	—	10	—
	Oral		Times to be arranged				
30, 31 32	Old and Middle French I and II and Honours French ..		Times to be arranged				
36	German I .. Even Years Odd Years	9 6.15	6.15 6.15	—	—	9 6.15	—
37	German II	—	6.15	5.15	—	—	9
38	German III	6.15	—	6.15	—	—	10
39	Scientific German		Times to be arranged				
41	History IA .. Even Years Odd Years	—	9 7.15	—	—	9 7.15	—
42	History IB .. Even Years Odd Years	—	7.15 9	—	—	7.15 9	—
43	History IC .. Even Years Odd Years	—	7.15 9	—	—	7.15 9	—
44	History IIA .. Even Years Odd Years	9 5.15	—	—	9 5.15	—	—
45	History IIB .. Even Years Odd Years	—	7.15 9	—	—	7.15 9	—
46	History III	5.15	—	—	5.15	—	—
47	Political Science .. Even Years Odd Years	9 7.15	—	—	9 7.15	—	—

* Latin III, third term only.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday	
48	International Relations Even Yrs. Odd Yrs.	—	9 5.15	—	—	9 5.15	—	
49	Honours History and Political Science	Times to be arranged						
	N.B. —All Economics subjects— under Faculty of Economics.							
58	Geography I—Lectures Even Yrs. Odd Yrs.	11 —	— 5.15	—	11 —	— 5.15	—	
	*Practical Even Yrs. Odd Yrs.	12(A) —	— 4.15(A)	—	10(B) —	— 6.15(B)	—	
59	Geography II .. Lectures Practical	4.15 5.15	— —	— —	4.15 —	— —	— —	
60	Geography III (first and second terms) Third term	7.15-9.15 4.15	— —	5.15 —	— 4.15	— —	— —	
60a	Economic Geography	7.15	—	—	7.15	—	—	
60b	Honours Geography	Times to be arranged						
61	Philosophy I Day Night	11 —	— 5.15	—	11 —	— 5.15	—	
62	Philosophy IIA	}	Times to be arranged					
63	Philosophy IIB		Times to be arranged					
64	Philosophy IIIA		Times to be arranged					
65	Philosophy IIIB	}	Times to be arranged					
66	Philosophy (Special)		5.15	—	—	5.15	—	—
67	Honours Philosophy	Times to be arranged						
69	Psychology I Day Night	10 5.15	—	—	10 5.15	—	—	
70	Psychology II	Not available until 1955						
71	Psychology III	Not available until 1956						
71A	Neurophysiology (third term) ..	see Zoology IB (161B), Faculty of Science						
76	Education Day Night	— —	2 5	—	2 5	—	—	
84	History of Thought	Times to be arranged						
DIPLOMA IN EDUCATION								
77	Hygiene	9	—	—	—	—	9	
78	Educational Psychology II ..	—	—	—	—	—	10	
79	Pre-Primary Education III ..	4.30	—	—	—	—	—	
80	Primary Education III	—	—	4.30	—	—	—	
81	Secondary Education III	—	—	—	—	—	11	

* Candidates must attend either session (A) or session (B).

FACULTY OF ECONOMICS

No. in Syllabus	Subject	Years	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
51	Economics I	.. Even Years Odd Years	5.15 —	— —	— 12	5.15 —	— 12	— —
52	Economics II	.. Even Years Odd Years	— —	— —	10 5.15	— —	10 5.15	— —
53	Economics III	.. Even Years Odd Years	— —	— —	5.15 10	— —	5.15 10	— —
54	Social Economics	Even Years Odd Years	— 5.15	— —	12 —	— 5.15	12 —	— —
55	Honours Economics	.. ..	Times to be arranged					
56	Economic Statistics I	Even Years Odd Years	— 5.15	— —	12 —	— 5.15	12 —	— —
57	Economic Statistics II	Odd Yrs. only	Times to be arranged					
481	Accountancy I	.. Even Years Odd Years	— —	— 5.15	12 —	— 6.15	12 —	— —
482	Accountancy II	.. ..	—	5.15	—	6.15	—	—
483	Accountancy IIIA	.. ..	—	12	—	12	—	—
484	Accountancy IIIB	.. ..	—	5.15	—	6.15	—	—
485	Law I	.. ..	6.15	—	—	—	6.15	—
486	Law II	.. ..	—	—	6.15	—	6.15	—
487	Law III	.. ..	—	—	6.15	—	6.15	—
497	Public Finance	Odd Years only	Times to be arranged					

Times for tutorial classes will be arranged at commencement of lectures.

NIGHT LECTURES
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	—	—
15	English IA	5.15	—	5.15	—	—	—
16	English I	—	5.15	—	—	5.15	—
18	English III—Even Years ..	—	5.15	—	—	5.15	—
26	French I—Lectures	—	6.15	—	—	6.15	—
	Oral	—	—	6.15	—	—	—
36	German I—Even Years	9	6.15	—	—	9	—
37	German II	—	6.15	5.15	—	—	9
38	German III	6.15	—	6.15	—	—	10
42	History IB—Even Years ..	—	7.15	—	—	7.15	—
43	History IC—Even Years ..	—	7.15	—	—	7.15	—
45	History IIB—Even Years ..	—	7.15	—	—	7.15	—
46	History III	5.15	—	—	5.15	—	—
51	Economics I—Even Years ..	5.15	—	—	5.15	—	—
53	Economics III—Even Years ..	—	—	5.15	—	5.15	—
60	Geography III (First and second Terms)	7.15-9.15	—	5.15	—	—	—
	(Third Term)	4.15	—	—	4.15	—	—
60a	Economic Geography	7.15	—	—	7.15	—	—
61	Philosophy I	—	5.15	—	—	5.15	—
66	Philosophy (Special)	5.15	—	—	5.15	—	—
69	Psychology I	5.15	—	—	5.15	—	—
76	Education	—	5	—	5	—	—
84	History of Thought	Times to be arranged					
85	Pure Mathematics I	5.15	—	5.15	—	5.15	—
101	Physics I—Lectures	5.15	—	5.15	—	5.15	—
	Practical	6.15-8.15	—	6.15-8.15	—	—	—
111	Chemistry I—Lectures	5.15	—	5.15	—	5.15	—
	*Practical (at S.M.)	—	—	7.15-10	—	7.15-10	—
141	Geology I—Lectures	—	6.15	—	6.15	—	—
	Practical	—	5.15	—	5.15	—	—
158	Biology—Lectures	—	—	6.15	—	6.15	—
	Practical	—	—	7.15-9.15	—	7.15-9.15	—
482	Accountancy II	—	5.15	—	6.15	—	—
484	Accountancy IIIB	—	5.15	—	6.15	—	—
485	Law I	6.15	—	—	—	6.15	—
486	Law II	—	—	6.15	—	6.15	—
487	Law III	—	—	6.15	—	6.15	—

* 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
FIRST-YEAR SUBJECTS—						
85	Pure Mathematics I—Lectures* .. Tutorials (1 hr.)	10 11	10 9	—	10 9, 11	—
87	Applied Mathematics I—Lectures .. Tutorials (1 hr.)	11 —	11 —	— 12	11 10	— 11
101	Physics I—Lectures Practical**	9 10-12	—	9 10-12	—	9 10-12
116	Chemistry I—Lectures Practical***	12 2-5(B)	— 2-5(A)	12 —	— 2-5(B)	12 2-5(A)
141	Geology I—Lectures Practical***	—	— 12(A)	11 10(B)	— 12(A)	11 10(B)
151	Botany I—Lectures Practical	— 10-12(A)†	9 10-12(B)	— 2-4(A)	9 10-12(B)	—
158	Biology—Lectures Practical	—	—	6.15 7.15-9.15	—	6.15 7.15-9.15
161	Zoology I—Lectures Practical	— 2-5	12 —	—	12 2-5	—
161A	Zoology IA—(Agric. and Dentistry) Lectures Practical	11 —	— 2-5	9 —	—	— 2-5
161B	Zoology IB—Lectures Practical	11 —	— 2-5	9 —	—	— 2-5
SECOND-YEAR SUBJECTS—						
89	Pure Mathematics II—Lectures .. Tutorials (1 hr.)	9 12	— 10	9 11	—	9 10
91	Applied Mathematics II—Lectures .. Tutorials (1 hr.)	11 —	11 —	— 12	11 10	— 10
92	Statistical Methods	Times to be arranged				
102	Physics II Lectures .. Practical	— 2-5	12 2-5	—	12 —	12 2-5
113 114	Inorganic Chemistry II—Lectures .. Practical	— —	9 12-5	—	9 12-5	—
115 116	Organic Chemistry II—Lectures .. Practical	12 —	—	— 9-1	—	9 10-1
142	Geology II—Lectures Practical	10 11 12††	10 11 —	—	10 11††	—
152	Botany II—Lectures Practical	9 —	9 10-12 2-5	9 —	— 2-5	—
159	Genetics—Lectures Practical	—	9 10-12	—	—	—
162	Zoology II—Lectures Practical	—	9 10-12 2-5	12 —	— 2-5	12 —
171	Biochemistry I—Lectures Practical	10 2-5	—	10 —	—	— 2-5
175	Bacteriology I—Lectures and Practical	—	11-1	—	11-1	—
179	Histology	—	9-1	—	9-1	—

* 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 two 2-hour periods a week as arranged by the Professor at the beginning of the year.

*** 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.

†† These two periods are alternatives.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
THIRD-YEAR SUBJECTS						
95	Pure Mathematics III	9	—	10-12	—	9
97	Applied Mathematics III	This course will not be given until 1955				
98	Mathematical Statistics	Times to be arranged				
104	Physics III—Lectures Practical (9 hrs.)	4 All day	4 —	— —	4 All day	— All day
117	Inorganic Chemistry III—Lectures	—	—	9	—	9
118	Practical (9 hrs.)	—	All day	—	All day	—
119	Organic Chemistry III—Lectures	—	10	—	10	—
120	Practical	All day	—	Morning	—	All day
144	Geology III—Lectures Practical	10, 4 All day	— —	10 Morning	— —	10 All day
147	Palaeontology	Times to be arranged				
153	Botany III—Lectures Practical	9 —	— 2-5	9 —	— All day	9 —
159A	Advanced Genetics—Lectures Practical	10 —	— —	10 —	— —	10 2-5*
162	Zoology III—Lectures Practical	12 Morning	— All day	12 —	— All day	12 —
171A	Biochemistry II—Lectures Practical	— 2-6	9 —	— 2-6	9 —	— —
173	Physiology (first and second terms)—Lectures Practical	10 2-5	— —	10 —	— —	10 2-5
	Third term—Lectures Practical	— —	10 2-5	11 —	10 2-5	— —
176	Bacteriology II—Lectures Practical	11	—	11	—	11
			Times to be arranged			

* 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
FIRST-YEAR COURSES							
85	Pure Mathematics I—Lectures Tutorial (1 hr.)	10 11	10 —	— —	10 11	— —	— —
101	Physics I—Lectures Practical (3 hrs.)	9 —	— 2-5	9 2-5	— —	9 —	— —
111	Chemistry I—Lectures Practical	12 2-5	— —	12 —	— 2-5	12 —	— —
112	Inorganic Chemistry I—Lectures Practical (3 hrs.)	12 2-5	— —	— —	— 2-5	12 —	— —
212	Architectural History I—Lectures Practical	— —	— —	4.30-5.30 10-12	— —	— —	— —
219	Building, Construction and Drawing I—Lectures Practical	— —	— —	— —	— —	3 2-3 4-5	— —
232	Free Drawing I	2-4	—	—	—	—	—
234	Architectural Drawing I	—	11-1	—	11-1	—	—
246	First Aid*†—Lectures (as notified) Practical (2 hrs.)	—	5 To be arranged in the evening	—	—	—	—
247	General Engineering	—	—	—	—	11	—
248	Engineering Drawing I (4 hrs.)	—	11-1	10-12	1-5	—	—
286	Workshop Practice I**—Lectures Practical (3 hrs.)	— 2-5	— —	— 10-1	— —	10 2-5	— —
SECOND-YEAR COURSES							
87	Applied Mathematics I—Lectures Tutorial (1 hr.)	11 —	11 —	— 12	11 —	— 11	— —
89A	Pure Mathematics IIA— Lectures†† Tutorial (1 hr.)	9 12	— 10	9 11	— —	9 —	— —
103	Physics II (B.E. course)— Lectures Practical (3 hrs.)	— —	12 2-5	— —	12 2-5	— —	— —
113 114b	Inorganic Chemistry II—Lectures Practical	— —	9 12-5	— —	9 12-5	— —	— —
213	Architectural History II— Lectures Practical	— —	4.30-5.30 —	— 10-12	— —	— —	— —
214	Architectural Design I	—	—	—	9-11	10-12	—
220	Building, Construction and Drawing II—Lectures Practical	— —	— —	— —	— —	4 2-4	— —
233	Free Drawing II	—	—	2-4	—	—	—
236	Architectural Drawing II	—	2-4	—	2-4	—	—
247	General Engineering	—	—	—	—	11	—
248	Engineering Drawing I (4 hrs.)	—	11-1	10-12	1-5	—	—

* First Aid may be taken in any year.

† One term only.

*† First two terms.

†† Two lectures weekly for students who take Applied Mathematics 11A in the following year.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
276	Surveying I—Lectures Practical	— 2-5	— —	— —	9 —	— —	— —
286	Workshop Practice I**— Lectures Practical (3 hrs.)	— 2-5	— —	— 10-1	— —	10 2-5	— —
287	Workshop Practice II— Lectures Practical (3 hrs.)	— —	10 2-5	— —	— 2-5	— 2-5	— —
THIRD-YEAR COURSES							
91A	Applied Mathematics IIA— Lectures (2 hrs.) Tutorial (1 hr.)	— 11	— 11	— 12	11 —	— 11	— —
117A	Physical Chemistry III***— Lectures Practical	— 2-5	— —	9 —	— 10-5	9 —	— —
141	Geology I—Lectures Practical†	— —	— 12(A)	11 10(B)	— 12(A)	11 10(B)	— —
209	Architectural Theory, Construction and Practice I—Lectures Practical	— 2-5	— —	— —	— —	9 —	— —
215	Architectural Design II	— —	2-5 6.30-9.30	— —	— —	— —	— —
224	Hydraulics—Lectures Practical (3 hrs.—term 2 or 3)	— 2-5	— —	— 9-12	— —	9 —	— —
241	Electrical Engineering I— Lectures Practical (3 hrs.)***	— 2-5	— —	— 9-12	10 —	10 —	— —
249	Engineering Drawing II††— Lectures Practical (3 hrs.)	10 2-5	— 2-5	— —	— —	— —	— —
264	Physical Metallurgy—Lectures .. Practical	11 —	— —	— 2-5	— —	— —	— —
274	Strength of Materials— Lectures Practical (3 hrs.)	— —	9 —	— —	9 2-5	— 2-5	— —
FOURTH-YEAR COURSES							
141	Geology I—Lectures Practical†	— —	— 12(A)	11 10(B)	— 12(A)	11 10(B)	— —
143	Geology II (B.E. course)***— Lectures Practical	— 10-1	10 11-12	— —	10 —	— —	— —
210	Architectural Theory, Construction and Practice II— Lectures Practical	— 12 9-12	— —	9 —	— —	— —	— —
216	Architectural Design III—	— —	— —	— —	— —	6.30-9.30	9-12
221	Civil Engineering I— Lectures Laboratory (3 hrs.)* Drawing Office	— 2-5 —	9 — —	— 9-12 —	11 — 2-5	— — —	— — —

** First two terms.

*** For two terms.

† Candidates must attend either session (A) or session (B).

†† Metallurgical and Chemical and Mining Engineering students do two terms drawing Office classes only.

* One term only.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
224	Hydraulics— Lectures Practical (3 hrs.—term 2 or 3)	— 2-5	—	— 9-12	—	9 —	—
242	Electronic Engineering IA— Lectures Practical (3 hrs.)†	12 2-5	—	— 9-12	—	—	—
	Electronic Engineering IB— Lectures Practical (3 hrs.)***	— 9-12	—	—	—	9 —	—
256	Mechanical Engineering I— Lectures Practical (3 hrs.)*** Drawing Office (3 hrs.)***	— — —	12 2-5 2-5	12* 2-5 2-5	—	11 —	—
260	Process Engineering IA— Lectures Practical (3 hrs.)	— —	10** —	—	11 2-5	—	—
	Process Engineering IB— Lectures Practical (3 hrs.)	9 —	9 —	—	—	2-5	—
	Process Engineering IC***— Lectures	10	—	—	—	—	—
267	Mining Engineering I	9	—	—	—	10	—
277	Surveying IA—Lectures Practical	—	—	—	9 —	2-5	—
278	Surveying IB†—Lectures Practical	11 2-5	—	—	—	—	—
FIFTH-YEAR COURSES							
203	Assaying I—Lecture and Practical	—	—	9-12	—	—	—
211	Architectural Theory, Construction and Practice III— Lectures Practical	5.30 —	—	9 5.30 10-1	5.30 —	—	—
217	Architectural Thesis	—	—	—	—	9-1 2-5	—
223	Civil Engineering II— Part A—Lectures Practical Part B—Lectures Practical Seminar	9 10-1 — 2-5 10-1	— — 11 2-5 —	— — 9 — —	9, 10 — — 2-5 —	— 2-5 — — —	—
228	Structural Design— Lectures Practical (8 hrs.)	— 2-5	Times to be arranged		— 2-5	—	—
243	Electrical Engineering II— Part A—Servomechanisms††† Part B—Power Part C—Electronics Practical Seminar†††	9 — 9‡ 10-1 —	9 9‡ — 10-5 —	9 9‡ — 2-5 —	— 9‡‡ 10 11††† — 2-5	11 — 10 11‡ — 2-5	—

† One term only.

*** For two terms.

* Second term only.

** Metallurgical and Chemical students only.

††† Both Power and Electronics students should attend these lectures.

‡ First and third terms.

‡‡ Second term only.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
245	Industrial Engineering— ..	—	—	—	12	12	—
257	Mechanical Engineering II—						
	First Term—						
	Part A—Lectures ..	—	10	10	9	—	—
	Practical ..	—	11	11	10	—	—
					2-5	—	—
	Part B—Lectures ..	11	9, 11	9, 11	—	11	—
	Practical ..	—	2-5	—	—	2-5	—
	Seminars and tutorials	2-5	—	—	—	9-11	—
	Second Term—						
	Part A—Lectures ..	—	9, 10	10	—	—	—
	Practical ..	—	11	—	—	—	—
					9-1	—	—
	Part B—Lectures ..	10	—	11	—	11	—
	Practical ..	11-5	—	—	—	2-5	—
	Seminars and tutorials	—	—	—	—	9-11	—
	Third Term—						
	Part A—Lectures ..	—	—	—	9	—	—
	Practical ..	—	9-5	—	—	—	—
	Part B—Practical ..	11-5	—	—	2-5	2-5	—
	Seminars and tutorials	10	—	—	10-12	9-11	—
260	Process Engineering I*—						
	Part B—Lectures ..	9	—	—	—	—	—
	Practical ..	—	—	—	—	2-5	—
261	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	—	—	—
262	Industrial Instrumentation—						
	Lectures	—	—	12	—	—	—
	Practical	—	—	2-5	—	—	—
268	Mining Engineering II—						
	Lectures	11	10	—	10	—	—
	Practical	10-11	11-1	—	11-1	—	—
		12-1	—	—	2-5	—	—
		2-5	—	—	—	—	—
270	Oredressing***—Lectures ..	—	—	—	9	9	—
	Practical ..	—	2-5	—	—	—	—

* 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, THIRD AND FOURTH YEARS

The Second, Third and Fourth Year time-tables are at present under review, and will be made available to students before the commencement of lectures.

DIPLOMA IN PHYSIOTHERAPY

FIRST YEAR

	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				
4		Physiology		Physiology	

*Second and third terms.

**Th'rd term.

DIPLOMA IN PHYSIOTHERAPY—Continued**SECOND YEAR**

	Monday	Tuesday	Wednesday	Thursday	Friday
9	Anatomy**	Anatomy** Neurology*	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.

	Monday	Tuesday	Wednesday	Thursday	Friday
12		Theory of Ortho- paedic Treat- ments*			
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

	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
Economics	5.15	—	—	5.15	—	—
Social Economics	—	—	12	—	12	—
History IIB	—	7.15	—	—	7.15	—
Political Science	9	—	—	9	—	—
Psychology	—	10 or 5.15	—	10 or 5.15	—	—
Social Biology A	—	—	6.15	—	6.15	—
Social Biology B	—	4	—	4	—	—
Social Psychology	11	—	—	—	11	—
Sociology	—	11	—	—	2.30	—
Principles and Practice of Social Work I	—	—	—	9, 2	—	—
Principles and Practice of Social Work II	—	9, 2	—	—	—	—
Nutrition	12	—	—	—	—	—
Elementary Chemistry	—	—	—	—	4	—
Social History	—	—	9	—	—	—
Social Organisation			(Given next in 1955)			
Visits of Observation			Times to be arranged			
Practical Work			Times to be arranged			

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 1954; subject to alteration.)

FIRST YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
501	Theoretical Inorganic Chemistry	5.15	—	—	—	5.15	—
502	Theoretical Inorganic Chemistry —B.P. salts	3	—	—	—	—	—
503	Practical Inorganic Chemistry ..	—	9-12	—	—	—	—
504	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
505	Theoretical Organic Chemistry	—	12	—	12*	—	—
506	Practical Organic Chemistry ..	—	—	—	9-12 2-5	—	—
507	Biology	—	—	6.15-9.15	—	6.15-9.15	—
508	Botany and Pharmacognosy ..	—	3-5**	—	—	—	—

* Second and third terms only.

** First and second terms only.

THIRD AND FOURTH YEARS

Times of lectures for the third and fourth years of the course may be obtained from the Lecturer, Mr. E. F. Lipsham.

INDEX

A	Page
Absence, Leave of	148
Academic Dress, Statute	166
Academic Staff, Statute	147
Accountant	55
Acts of Parliament relating to University	11
Adam, D. B., Memorial Prize	258
Adelaide Children's Hospital—	
Staff of Clinical Teachers	75
Rules for the Admission of Medical Students	463
Adelaide Hospital—	
To be Medical and Dental School	31
Staff of Clinical Teachers	72
University Representatives on Advisory Committee	32, 80
Rules for Admission of Dental Students to Practice of	474
Rules for Admission of Medical Students to Practice of	463
<i>Ad Eundem</i> , Admission	157
Admission to Degrees	157
Aeronautical Engineering, Sydney course in	440
Aeronautics, A. M. Simpson Library in	82, 188
Affiliation—	
To Universities of Cambridge and Oxford	243
Of Aquinas College	201, 242
Of Lincoln College	211, 243
Of Roseworthy Agricultural College	176
Of St. Ann's College	198, 241
Of St. Mark's College	191, 240
Of School of Mines	195
Agricultural Science—	
Bachelor and Master of	429, 433
Faculty of	49, 152
Graduates' and Undergraduates Association	302
Syllabus	710
Matriculation for	150
Agricultural Chemistry, Waite Professor of	62, 66
Agronomy, Waite Professor of	67
Aitken, George, Pastoral Research Trust	87
Alderman, Eugene, Scholarships	187, 226
Almanac for 1954 and 1955 (January-March)	39-45
Alumni, Commemoration of	239
Anatomy and Histology, Elder Professor of	61
Anders and Reimers Scholarships	204, 228
Angas Engineering Scholarship and Exhibitions	159, 161, 259
Angas, Hon. J. H., Endowment	81, 159, 161, 259
Animal Products Advisory Board	53
Animal Products Research Foundation	60, 190
Anthropological Board and Society	53, 302
Anti-Cancer Campaign, Officers, Donations, Activities	62, 238
Applied Science, Holders of Diplomas in	135
Appointments Board, Members and Statute	54, 191
Aquinas College	201, 242
Aquinas Society, Adelaide University	298
Architect	80

INDEX

	Page
Architectural Engineering, Course in	434, 449
Architectural Engineering, Lecturer in	61
Arts—	
Associate in Arts and Education	410
Bachelor and Master of	403, 412
Faculty of	48, 151
Matriculation for	149
Overseas Scholarships in	255
Syllabus of Subjects	553, 573
Auditors	80
Australasian Institute of Cost Accountants Prize	275
Australian Commonwealth Engineering Standards' Association, University	
Representatives on	80
Australian Dental Association (S.A. Branch) Prize	272
Australian Journal of Experimental Biology and Medical Science, Editors	
and Particulars	53, 304
Australian Society of Accountants—	
Annual Lecture	247
Prizes	274
Australian Student Christian Movement, University of Adelaide	297
Australian Wool Board—Gifts	86
Association of Universities of the British Commonwealth	246
Ayers, Ernest, Scholarship	188, 256
B	
Bacteriology, Professor of	60
Bagot, Lucy Josephine, Prize	202, 227
Bagot Scholarship and Medal	180, 257
Bagot, W. H., Gift to Found a Scholarship	84
Baker, R. C., Endowment and Scholarship	84, 210
Barr Smith—	
Endowments	81, 83
Library—Statute, Particulars and Rules	81, 190, 513
Prize for Greek	250
Barrans Scholarship	84, 200, 259
Bateman, Mrs. L. E.—Bequest	83
Bedford Park Sanatorium—Staff and Rules for Students	465
Benefactors and Benefactions	81-87
Benham, F. Lucas—Bequest	83
Bennett, R. W.—Endowment and Prizes	83, 197, 263
Bequests	81
Bevan, Frederick, Scholarship	211, 232
Biochemistry and General Physiology, Professor of	60
Boarding-houses	17
Boards—	
Anthropological Research	53
Appointments	54
Discipline—Members and Statute	53, 158
Examiners—Statute	157
Pharmacy—Members and Statute	51, 174
Physical Education—Members and Statute	51, 174
Physiotherapy—Members and Statute	52, 174
Research Studies	52, 499
Social Science—Members and Statute	51, 174
Bonython, Sir Langdon, Endowments	82, 83
Bonython, Miss Edith, Endowment	83
Bonython Prize, Statute and Awards	192, 263
Booth, Anna Florence, Prize	83, 193, 255
Borthwick, Thomas L., Memorial Prize	85, 267
Botany, Laboratory, Rules	516
Botany, Professor of	58

INDEX

	Page
B.M.A. (Section of Clinical Medicine) Prize - - - - -	269
Bunday Prize for English Verse - - - - -	181, 251
Bursaries, Education Department - - - - -	282
By-Laws, Act - - - - -	28
C	
Cable Makers' Association Prize - - - - -	260
Cairns, Sir Hugh, Memorial Prize - - - - -	265
Cambridge University, Affiliation to - - - - -	243
Campbell, A. J. N. S., Endowment and Prize - - - - -	85, 266
Campbell, Christopher and John, Prize - - - - -	85, 266
Cancer Committee - - - - -	62, 87, 238
Carnegie Corporation—Gifts - - - - -	86
Chairman of Council and of Senate - - - - -	15, 212
Chamber of Manufactures Prize in Electronic Control - - - - -	261
Chamber of Manufactures Prize in Cost Accountancy - - - - -	275
Chancellor—	
Act and Statute - - - - -	23, 146
Present and Past - - - - -	47, 69
Chapman Prize - - - - -	197, 260
Chemical Laboratory—Rules - - - - -	518
Chemistry—	
Angas Professor of - - - - -	59, 81
Recognition by Institute of - - - - -	245
Children's Hospital (see under Adelaide Children's Hospital)	
Civil Engineering—	
Courses in - - - - -	434, 443, 444, 446
Professor of - - - - -	60
Civil Engineers, Recognition by Institute of - - - - -	245
Clarke, Alexander, Memorial Prize - - - - -	182, 226
Clark, E. V., Prize - - - - -	262
Clark, The John Howard, Prize - - - - -	162, 250
Classics, Hughes Professor of - - - - -	56, 81
Classical Association of South Australia, The - - - - -	302
Cleland, J. B., Prize - - - - -	267
Clerk of Senate - - - - -	47
Colonial Office Applications, Board and Appointments - - - - -	54, 291
Commerce—	
Diploma in, Holders and Regulations - - - - -	130, 488
Joseph Fisher Medal and Lecture in - - - - -	175, 246
Lecturers in - - - - -	57
Syllabus of Subjects - - - - -	670, 677
Commercial Studies, Reader in - - - - -	57, 87
Commercial Travellers' Association Scholarship and Bursary - - - - -	164, 165, 274, 278
Commercial Certificate, Holders of Advanced - - - - -	130
Committees of the Council for 1954—Education, Finance, etc. - - - - -	48-54
Commonwealth Bank, Grant to Waite Institute - - - - -	83
Commonwealth Institute of Accountants, Annual Lecture in Accountancy - - - - -	247
Concessions in Fees—Commonwealth and State Public Services - - - - -	291
Conduct at Examinations—Statute - - - - -	165
Conservatorium of Music, The Elder—	
Staff of - - - - -	68
Regulations and Rules - - - - -	221, 223
Scholarships and Prizes - - - - -	224
Library - - - - -	515

INDEX

	Page
Cornish Prize, Elsie Marion - - - - -	84, 257
Council—	
Statute and Act of Parliament - - - - -	12, 146
Election of Members by Senate - - - - -	13, 212
Members of - - - - -	13, 47
Members of, Appointment by Parliament - - - - -	13, 47
Vacancies in - - - - -	13
Creswell Scholarships - - - - -	181, 273
Culross, William, Prize - - - - -	85, 288

D

Darling, John, Gifts by Family of - - - - -	82, 83
Davies, E. Harold, Scholarship - - - - -	208, 229
Davies, Natalia, Prize - - - - -	85, 253
Davies-Thomas Scholarships - - - - -	168, 266
Davy, Dr. Ruby, Prize - - - - -	230
Degrees—	
Statute - - - - -	157
Letters Patent - - - - -	9
Acts - - - - -	11
De Mole, Violet, Memorial Fund - - - - -	252
Dental Board of South Australia Prize and Scholarship - - - - -	272, 273
Dental Science and Dental Surgery—	
Degrees in - - - - -	471-476
Director of Dental Studies - - - - -	64
Faculty of Dentistry - - - - -	50, 155
Lecturers in - - - - -	64
Matriculation - - - - -	150
Scholarship at North-western University - - - - -	291
Students' Society - - - - -	300
Syllabus of Subjects - - - - -	654-664
Deputy Vice-Chancellor - - - - -	47
Diploma—	
In Arts and Education - - - - -	135, 411
In Applied Science, Holders - - - - -	135
In Commerce - - - - -	130, 488, 670
In Education - - - - -	135, 411, 587
In Forestry - - - - -	135
In Music - - - - -	129, 477, 664
In Pharmacy - - - - -	138, 493, 677
In Physical Education - - - - -	137, 494, 682
In Physiotherapy - - - - -	141, 497, 694
In Public Administration - - - - -	134, 491, 676
In Social Science - - - - -	140, 496, 687
Diplomas and their Boards of Studies, Statute - - - - -	174
Discipline, Board of, and Statute - - - - -	53, 158
Donations - - - - -	85, 87
Dress, Statute of Academic - - - - -	166
Dublin University, Recognition by - - - - -	245

E

Economic and Mining Geology—Professor of - - - - -	59
Economic Society of Australia and New Zealand - - - - -	303
Economic Society Prize - - - - -	254
Economics—	
Degrees, Regulations - - - - -	415
Faculty of - - - - -	51, 156
Matriculation for - - - - -	150
Overseas Scholarships in - - - - -	255
Professor of - - - - -	57

INDEX

	Page
Education—	
Associate in Arts and Education - - - - -	141, 410
Committee - - - - -	48
Diploma in—Holders, Regulations, Syllabus - - - - -	135, 411, 587
Lecturers in - - - - -	57
Of Children of Deceased Soldiers, Representatives on Board - - - - -	80
Elder Conservatorium of Music—See “Conservatorium”	
Elder Old Scholars’ Association Scholarship - - - - -	229
Elder Overseas Scholarship - - - - -	233
Elder Prize - - - - -	265
Elder Scholarships and Awards—Conservatorium of Music - - - - -	225
Elder, Sir Thomas, Endowments - - - - -	22, 81
Election of—	
Members on Advisory Committee of Council and Hospital Board - - - - -	32
Members of Council - - - - -	13
Warden and Clerk of Senate - - - - -	214
Electricity Trust of South Australia Prize - - - - -	261
Electrical Engineering—	
Courses in - - - - -	434, 443, 444, 445
Professor of - - - - -	61
Endowments—	
List of - - - - -	81-87
By Act of Parliament - - - - -	17
Engineering—	
Angas Scholarship and Exhibitions - - - - -	159, 161, 259
Bachelor and Master of - - - - -	434, 438
Details of Subjects - - - - -	440, 620-641
Faculty of - - - - -	152
Matriculation - - - - -	150
Professors of - - - - -	60, 61
English Language and Literature, Jury Professor of - - - - -	56, 81
Enrolment of Students, Statute - - - - -	171
Entomology, Waite Professor of - - - - -	66
Evangelical Union, Adelaide University - - - - -	298
Evening Lectures and Studentships - - - - -	249, 285
Everard Scholarship - - - - -	81, 164, 268
Examination Regulations	
Conduct of Examinations - - - - -	165
Dates of entry - - - - -	39-45
See also under each degree and diploma	
Examiners, Board of - - - - -	157
Exemption from Attendance at Lectures—See under each degree and diploma.	
Exhibition of 1851—Scholarships and Bursaries - - - - -	288
Experimental Medicine, Keith Sheridan Professor of - - - - -	62
Extra-Mural Classes - - - - -	248
F	
Faculties—	
Members of - - - - -	48-53
Statute of - - - - -	151
Faulding Scholarships, for Medicine and Dentistry - - - - -	271, 273
Fauna and Flora Board, Representatives on - - - - -	80
Fees—	
Authority to Charge - - - - -	15
Concessions to Officers of Public Services - - - - -	292
Table of - - - - -	503
Final Certificate in Law, Holders and Regulations of - - - - -	127, 450
Finance Committee - - - - -	48
Fisher Medal and Lecture in Commerce, The Joseph - - - - -	175, 246, 274

INDEX

	Page
Fletcher, Roby, Prize - - - - -	168, 253
Forestry—	
Degree in B.Sc. in - - - - -	421
Diploma in, Holders - - - - -	135
Former Chancellors and Other Officers - - - - -	69-70
Free Passages - - - - -	292
Free Places for Diploma in Physical Education - - - - -	496
French Language and Literature, Professor of - - - - -	57
G	
Gardner, William, Scholarship - - - - -	82, 199, 269
Gartrell, James, Prize - - - - -	81, 250
Genetics, Professor of - - - - -	67
Geography, Lecturers in - - - - -	58
Geology and Mineralogy, Professor of - - - - -	59
George, M. Rees, Prize in French - - - - -	252
Gepp, Thomas, Prize - - - - -	264
German, Reader in - - - - -	57
Gifts - - - - -	87
Gosse, The Dr. Charles, Lecturer and Medal - - - - -	186, 268
Government Bursaries - - - - -	282
Government Evening Studentships - - - - -	285
Governor (State), Powers of - - - - -	17
Gowrie Scholarship Trust Fund - - - - -	288
Graduates' Union - - - - -	294
Graduates—	
List of - - - - -	88
In Honours Courses - - - - -	125
Grainger, Rose, Orchestral Fund - - - - -	81
Grant, Annual, by H.M. Government—Act - - - - -	17, 22-25
H	
Hardwicke College Prize, Endowment - - - - -	82
(For Rules, see Public Examinations Manual)	
Hartley Studentship - - - - -	169, 281
Hastings Endowment - - - - -	85
Heuzenroeder, Mrs. H. L., Donation - - - - -	85
History, Professor of - - - - -	56
Hoffman, La Roche Prizes - - - - -	270
Hone, Dr. F. S., Endowment - - - - -	85, 267
Hone, F. S., Memorial Prize - - - - -	269
Hospitals—See separate entry for each one.	
Hübbe, Edith and Harriet Cook, Prize - - - - -	251
Hughes, Hugh, Endowment - - - - -	82
Hughes, Sir W. W., Endowment - - - - -	81
Human Physiology and Pharmacology, Professor of - - - - -	60
I	
I.C.I.A.N.Z. Research Fellow and Fellowship - - - - -	59, 276
Incompetent Students, Statute - - - - -	171
Incorporation, Act of - - - - -	12
Infectious Diseases, Statute - - - - -	178
Institute of Chemistry, Recognition by - - - - -	245
Institute of Cost Accountants, Prize - - - - -	275

INDEX

	Page
Institute of Medical and Veterinary Science—	
Act	32
Rules for Students	464
Particulars, Staff, etc.	236
Institute of Public Administration, Medal and Prize	276
Institution of Civil Engineers, Recognition by	245

J

Jackson, Elizabeth, Library	82, 191
Jefferis Memorial Medal—Rules and Awards	82, 254
Jenkins, J. E., Endowment and Statute	84, 206
Johns, Fred, Scholarship for Biography	83, 194, 253
Johnson, R. L., Endowment	82
Jury, Mrs. G. A., Endowment	81

K

Knightsbridge School Old Scholars, Gift	84
---	----

L

Laboratories—	
Botany, Zoology, Chemistry, Physics, Physiology, Biochemistry and	
Waite Institute	516-520
Laboratory Testing	519
Laffer, Miss A. I., Endowment	85, 253
Land Act, 1929	25
Lands of University	19
Late Entries	148, 171
Law—	
Faculty of	49, 154
Bonython, Professor of	62, 81
Matriculation	150
Students' Society	300
Laws.....	
Bachelor, Master and Doctor of	450, 457
Final Certificate, Holders and Regulations of	127, 450
Rules of Supreme Court	454
Syllabus of Subjects	641-645
League of Nations Essay Prize	281
Leave of Absence, Statute	148
Leaving and Honours Bursaries—Regulations	282
Lecturers—	
<i>Honoris causa</i>	71
Staff and Statute	56
Letters, Doctor of	414
Letters Patent	9
Library—	
Committee	53
Staff	55
Gifts to	87
Rules	513
Music	515
A. M. Simpson, in Aeronautics	188
Barr Smith	190
Jackson, Elizabeth	191
Licentiate in Music, Teachers and Executants	305
Lincoln College	211, 243
Lines, Eva, Scholarship	85
Lister Prize	184, 268

INDEX

	Page
Loan Fund, Students - - - - -	293
Lokan Prize, Endowment, Rules and Awards - - - - -	82, 261
Lowrie Scholarships - - - - -	179, 258
M	
Mackie, Archibald, Bursary - - - - -	165, 274
Magarey, Guli, Fund and Scholarship - - - - -	85, 231
Mareeba Babies' Hospital—Staff and Rules for Students - - - - -	78, 465
Marks, George Richard, Bequest - - - - -	81
Martin, The Miss, Prize and Medal (see P.E.B. Manual)	
Mathematical Physics, Professor of - - - - -	58
Mathematics, Elder Professor of - - - - -	58, 81
Matriculation—Board and Statute - - - - -	52, 149
McMeikan, Mrs. E., Endowment - - - - -	83
Mechanical Engineering—	
Courses in - - - - -	434, 443, 445, 447
Professor of - - - - -	61
Medals—	
Bagot - - - - -	180, 257
Bennett - - - - -	197, 263
Fisher - - - - -	175, 274
Cosse - - - - -	186, 268
Jefferis - - - - -	254
Lister - - - - -	184, 268
Martin, Montgomerie (see P.E.B. Manual)	
Shorney - - - - -	199, 270
Stow - - - - -	163, 262
Tate - - - - -	258
Medical—	
Board of South Australia, University Representatives on	80
Curriculum Committee - - - - -	53
Practitioners - - - - -	10
Sciences' Club - - - - -	303
Students' Society, Adelaide - - - - -	301
Medical Science Institute - - - - -	236
Medicine and Surgery—	
Bachelor of - - - - -	458
Doctor of Medicine - - - - -	467
Faculty of - - - - -	50, 154
Lecturers in - - - - -	63
Master of Surgery - - - - -	468
Matriculation - - - - -	150
Postgraduate Committee in Medicine - - - - -	53
Professor of - - - - -	63
Syllabus of Subjects - - - - -	645, 654
Melrose, John, Endowment - - - - -	83
Metallurgy, Course in - - - - -	434, 442
Microscopes, Hire of - - - - -	516
Mining and Metallurgical Bursaries - - - - -	239
Mining, Metallurgical and Chemical Engineering, Professor of - - - - -	61
Mining Engineering, Course in - - - - -	434, 441
Miscellaneous—Statute - - - - -	171
Mitchell, M. L., Endowment and Donations - - - - -	83, 84
Mitchell, Sir William, Gifts and Endowments - - - - -	83, 84
Mortlock Benefactions—	
Mrs. R. F. Mortlock - - - - -	83, 86
J. T. Mortlock - - - - -	82, 83, 84, 86
Mrs. J. T. Mortlock - - - - -	87
Murray, The Hon. Sir George, Gifts and Endowment - - - - -	81, 82, 85
Murray, Miss M. T., Bequest - - - - -	83
Murray Scholarships, David - - - - -	178, 277

INDEX

	Page
Music—	
Bachelor and Doctor of - - - - -	482, 487
Diploma of Associate, Holders and Regulations - - - - -	129, 477
Elder Conservatorium of - - - - -	68, 221
Elder Professor of - - - - -	63, 68
Faculty of - - - - -	50, 155
Public Examinations in - - - - -	305
Public Examinations, Scholarships and Prizes - - - - -	305
Syllabus of Subjects - - - - -	664-670
N	
National Films Board, University Representatives on - - - - -	80
Neale Bequest - - - - -	83
Night Lectures - - - - -	249
Nitrogen Fertilizers Ltd., Donation - - - - -	85
Northfield Wards—Staff and Rules for Students - - - - -	75, 465
North-western University Dental Scholarship - - - - -	291
Non-Graduating Students - - - - -	170
Notes to Candidates for Higher Degrees - - - - -	502
O	
Officers of the University - - - - -	55-80
Orchestral Scholarships - - - - -	232
Oxford University, Affiliation to - - - - -	244
P	
Parkside Mental Hospital, Staff - - - - -	78
Parliament—	
Acts Relating to University - - - - -	11
Statutes, etc., to be laid before - - - - -	19
Members on Council - - - - -	12, 13, 47
Parsons, Angas, Prize - - - - -	201
Pathology, Marks Professor of - - - - -	62
Pharmaceutical Society of S.A., Inc., Donations - - - - -	85
Pharmaceutical Students' Association - - - - -	301
Pharmacy, Diploma in—	
Lecturers - - - - -	66
Holders of - - - - -	138
Board - - - - -	51, 174
Regulations - - - - -	493
Syllabus of Subjects - - - - -	677-682
Philosophy—	
Doctor of - - - - -	499
Hughes Professor of - - - - -	56, 81
Physiotherapy—	
Diploma in - - - - -	141, 497, 694, 698
Lecturers in - - - - -	66
Physical Education - - - - -	51, 57, 494, 682
Physiology and Biochemistry Laboratory, Rules - - - - -	520
Physics, Elder Professor of - - - - -	58, 81
Physics Laboratory, Rules - - - - -	519
Physiology (Human) and Pharmacology, Professor of - - - - -	60
Plant Pathology, Reader in - - - - -	67
Politics, Professor of - - - - -	56
Prizes—See under Scholarships.	
Professors—	
Staff of - - - - -	56
Former - - - - -	69
Psychology, Lecturers in - - - - -	56

INDEX

	Page
Public Administration, Diploma in—	
Holders - - - - -	134
Regulations - - - - -	491
Syllabus - - - - -	670
Public Examinations—	
Board—See Public Examinations Manual.	
Music - - - - -	305
Public Services, Concessions to Officers of - - - - -	291
Q	
Queen Victoria Maternity Hospital—Staff and Rules for Students - - - - -	77, 465
Quorum of Council and of Senate - - - - -	15
R	
Raven, Mrs. J. F., Endowment - - - - -	85, 210
Recognition by other Universities and Institutions - - - - -	245
Registrar—	
Present - - - - -	55
Past - - - - -	71
Statute - - - - -	148
Regulations for all degrees and diplomas - - - - -	401
Religion, Ministers of, on Council - - - - -	12
Religious Test—None - - - - -	17
Rennie Memorial Scholarship, Statute, Awards - - - - -	193, 257
Representatives on Various Boards - - - - -	80
Residence of Undergraduates - - - - -	16
Residential Colleges - - - - -	240
Rhodes Scholarship - - - - -	257
Roche Products Ltd. Prize - - - - -	270
Roseworthy Agricultural College, Affiliation and Course - - - - -	176, 431
Rules of Laboratories and of Library - - - - -	513, 515
Russell, Selborne Moutray, Scholarship - - - - -	202, 227
S	
Saving Clause and Repeal - - - - -	167
Scholarships, Exhibitions, Bursaries, Prizes and Medals—	
Adam, D. B., Memorial Prize - - - - -	258
Alderman, Eugene - - - - -	187, 226
Anders and Reimers Scholarships - - - - -	204, 228
Angas Engineering Scholarship - - - - -	159, 259
Angas Engineering Exhibitions - - - - -	161, 259
Arts, Postgraduate Scholarships in - - - - -	255
Australian Dental Association (S.A. Branch) - - - - -	272
Australian Society of Accountants - - - - -	274
Australian Institute of Cost Accountants - - - - -	275
Ayers, Ernest, in Botany or Forestry - - - - -	188, 256
Bagot, John - - - - -	180, 257
Bagot, Lucy Josephine - - - - -	202, 227
Baker Scholarship in Law - - - - -	84, 210
Barrans, James - - - - -	200, 259
Barr Smith, for Greek - - - - -	250
Bennett, R. W., Prizes and Medal - - - - -	197, 263
Bevan, Frederick - - - - -	211, 232
Bonython - - - - -	192, 263
Booth, Anna Florence - - - - -	198, 255
Borthwick, Thomas L. - - - - -	85, 267
B.M.A. (Section of Clinical Medicine) - - - - -	269
Bundey, for English Verse - - - - -	181, 251
Cable Makers' Association - - - - -	260
Cairns, Sir Hugh, Memorial - - - - -	265

INDEX

	Page
Scholarships, Exhibitions, Bursaries, Prizes and Medals (cont.)—	
Campbell, Christopher and John	85, 266
Chamber of Manufactures Prize in Electronic Control	261
Chamber of Manufactures Prize in Cost Accountancy	275
Chapman	197, 260
Clark, Alexander	182, 226
Clark, E. V., Prize for Electrical Engineering	262
Clark, John Howard	162, 250
Cleland, J. B.	267
Commercial Travellers' Association	164, 165, 274, 278
Cornish, Elsie Marion	257
Creswell, John	181, 273
Culross, William	288
Davies, E. Harold	208, 229
Davies, Natalia	85, 253
Davies-Thomas, Dr.	168, 266
Davy, Dr. Ruby	230
de Mole, Violet	252
Dental Board of S.A. Prize	272
Dental Board of S.A. Research Scholarship	273
Economic Society	254
Elder	265
Elder Conservatorium	225
Elder Old Scholars' Association	229
Electricity Trust of South Australia	261
Evening Studentships	285
Everard	164, 268
Exhibition, 1851	288
Faulding Scholarship in Dentistry	272
Faulding Scholarship in Experimental Pharmacology	271
Fisher, Joseph, Medal	175, 274
Fletcher, Roby	168, 253
Free, Elder Conservatorium	225
Gardner, William	199, 269
Gartrell, James	250
George, M. Rees	252
Gepp, Thomas	265
Gosse Memorial Medal	186, 268
Government Bursaries	282
Government Evening Studentships	284
Gowrie	288
Hardwicke College Prize (see P.E.B. Manual)	
Hartley Studentship	169, 281
Hoffman la Roche	270
Hone, F. S.	269
Hübbe, Edith, and Harriet Cook	251
I.C.I.A.N.Z. Research Fellowship	276
Institute of Cost Accountants	275
Institute of Public Administration	276
Jefferis Memorial	254
Jenkins, J. E., Scholarship	206
Johns, Fred	194, 253
League of Nations Essay	281
Lines, Eva	309
Lister	184, 268
Lokan	261
Lowrie	179, 258
Mackie, Archibald, Bursary	165, 274

INDEX

	Page
Scholarships, Exhibitions, Bursaries, Prizes and Medals (cont.)—	
Magarey, Guli - - - - -	85, 231
Martin, Miss (see P.E.B. Manual)	
Mining and Metallurgical - - - - -	289
Murray, David - - - - -	178, 277
Music, Public Examinations - - - - -	305
North-western University Dental - - - - -	291
Overseas Scholarships in Arts and Economics - - - - -	255
Parsons, Angus - - - - -	201
Rennie - - - - -	193, 257
Rhodes - - - - -	287
Roche Products Ltd. - - - - -	270
Russell, Selborne Moutray - - - - -	202, 227
St. Alban - - - - -	278
Science Research Exhibition of 1851 - - - - -	288
Scott, Andrew, Memorial Prize - - - - -	250
Sheridan Research Grant - - - - -	271
Shorney Medal and Prize - - - - -	199, 270
Skipper, Justin - - - - -	263
Smith, Eric - - - - -	164, 278
Stow Prizes and Medal - - - - -	163, 262
Strong, Sir Archibald, Memorial Prize - - - - -	205
Tate Medal - - - - -	256
Tennyson Medals (see P.E.B. Manual)	
Thomas, Gladys Lloyd - - - - -	207, 229
Thompson, George, Bursary in Commerce - - - - -	190, 273
Thornber Bursary - - - - -	192
Tinline - - - - -	176, 253
Tormore Prize - - - - -	251
Varley Scholarship - - - - -	203, 227
Watson, Archibald - - - - -	195, 267
Whinham, Robert, for Elocution - - - - -	228
Wilson Travelling Scholarship in Obstetrics - - - - -	196, 270
Wyeth Prize - - - - -	270
Young, John L. - - - - -	184, 278
Young, John Lorenzo - - - - -	184, 255
Scholarships, etc., tenable at other Australian Universities - - - - -	290
School of Mines' Affiliation to University - - - - -	195
Science—	
Association, Adelaide University - - - - -	301
Bachelor, Master, and Doctor of - - - - -	420, 426, 428
Faculty of - - - - -	48, 152
Matriculation for - - - - -	150
Syllabus - - - - -	591-613
Scott, Andrew, Memorial Prize - - - - -	250
Seal of the University - - - - -	148
Senate—	
Casting Vote - - - - -	15, 216
Chairman - - - - -	15, 212
Quorum - - - - -	15, 213
Standing Orders - - - - -	212
Statute - - - - -	146
Warden, Clerk, Members - - - - -	47
Services Canteens Trust Fund, Post Graduate Scholarship - - - - -	288
Shaughnessy, F. P., Donation - - - - -	85
Sheridan, Miss Keith, Bequest - - - - -	82
Sheridan Research Grants - - - - -	271
Sheridan Prizes, Endowment - - - - -	82
Shorney Medal and Prize - - - - -	199, 270

INDEX

	Page
Simpson, A. M., Library in Aeronautics	82, 188
Simpson-Sheridan Bequest	82
Skipper, Justin, Prize	263
Smith, Eric, Scholarship	164, 278
Social Science	51, 58, 140, 496, 687
Social Science, Students' Association	302
Societies Associated with the University	294
Soldiers' Children Education Board	293
Special Examinations, Statute	173
Sports Association, Adelaide University	296
Sports Grounds	297
Staff of—	
Hospitals	72-79
Elder Conservatorium of Music	68
University	55-80
Staff Club	86
Standing Orders of the Senate	212
Statistics of Students—See Annual Report	
Statutes	144
Statutory Fee	173
Stow Prizes and Scholar	163, 262
Studentships, Evening	285
Students' Loan Fund	293
Students' Representative Council, Adelaide University	296
Students' Union, Donations	87
Students—	
Non-graduating Statute	170
Incompetent, Statute	173
St. Alban Scholarship	278
St. Ann's College	80, 198, 241
St. Mark's College	80, 191, 240
Strong, Sir Archibald, Memorial Prize	205
Supreme Court, Rules for Admitting Practitioners	454
Surgery—	
Bachelor and Master of	458, 468
Syllabus of Subjects	645-654
Syllabus of Subjects for Degrees and Diploma Courses	553
T	
Tate Medal	258
Tennyson Medals—See P.E.B. Manual	
Terms, Statute of	148
Testing, by Physics and Engineering Laboratories	519
Thomas, Gladys Lloyd, Scholarship	207, 229
Thompson, George, Bursary in Commerce	190, 273
Thornber Bursary, Statute	192
Time-tables of Lectures	699
Tinline Scholarship	176, 253
Tormore Prize	251
Traffic By-Laws, Act	28
Treasurer (Former)	69
Trinity College, Dublin, Recognition by	245
Tutors, Medical and Surgical	63

INDEX

	Page
U	
Union, Adelaide University, Donations, etc.	87, 295
University Acts	11
University Air Squadron	299
University Colleges—	
Aquinas	201, 242
Lincoln	211, 243
St. Ann's	198, 241
St. Mark's	191, 240
University Land Act, 1929	25
University Regiment	299
University Squadron	299
Urrbrae Estate—See under Waite	

V

Vacancies in Council	12, 13
Vacations	148
Varley Scholarship	203, 227
Vice-Chancellor, Act and Statute	14, 146
Vice-Chancellor, Deputy	47
Vice-Chancellors, Present and Past	47, 69
Victoria Drive Fence	85
Visitor	17, 47
Vote of Chairman (Council and Senate)	15

W

Waite Agricultural Research Institute	18, 66, 234
Warden of the Senate	14, 47, 214
Watson, Archibald, Prize	195, 267
Way, the Dr. Edward Willis, Lecturer	64
Way College Old Collegians, Prize (see P.E.B. Manual)	
Whinham, Prize	228
Wilson Travelling Scholarship in Obstetrics	196, 270
Women's Union, Adelaide University	295
Workers' Educational Association	248
Workers' Educational Association Joint Committee	54
Wyeth Prize	270

Y

Young, Gavin David, Lectures	85, 210
Young, John L., Scholarship for Research	185, 278
Young, John Lorenzo, Scholarship	184, 255

Z

Zoology—	
Laboratory Rules	517
Professor of	60