

CALENDAR  
OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR  
1952

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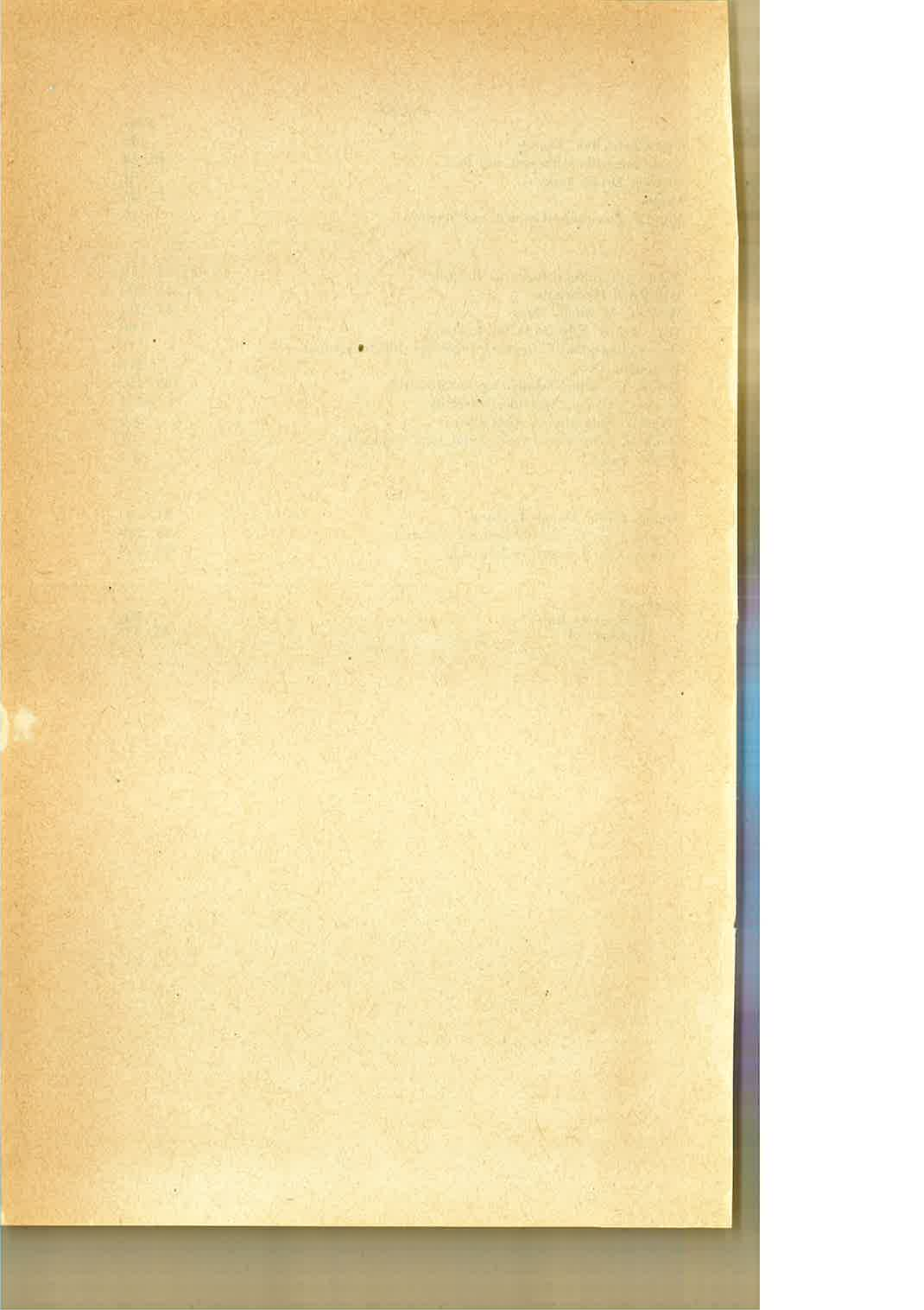
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## PREFACE

The University of Adelaide owes its origin to an act of far-seeing and generous self-denial. In 1872, Mr. (afterwards Sir) Walter Watson Hughes offered an endowment of £20,000 to Union College, an institution then established in Adelaide for the better education of Presbyterian, Congregational, and Baptist clergy. The Council of the College generously suggested to Mr. Hughes that his gift should be devoted to the more general object of founding a University. Mr. Hughes agreed to the proposal, the Honourable (afterwards Sir) Thomas Elder gave another £20,000, an association was formed to further the project, and as a result the University of Adelaide was established in 1874 by Act of Parliament passed by the South Australian Legislature.

The Act of Incorporation provided, *inter alia*, for an annual subsidy of five per cent. on the capital funds of the University up to a maximum in any one year of £10,000, an endowment of 50,000 acres of land, and a grant of 5 acres in the City of Adelaide as a site for the University buildings. The country lands were subsequently repurchased in 1915 by the Government for £40,000; the limit of the subsidy on endowments has been raised from time to time by Parliament until it is now £40,000 a year; and the University site has been added to until it now comprises 27 acres. On the occasion of the Jubilee of the University in 1926 the Government gave to the University a new building which cost about £50,000 for the Departments of Physics and Engineering, and parliamentary grants for general and special purposes of the University, apart from the annual subsidy of five per cent. on endowments, amounted in all to about £228,000 in 1951.

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 1951 the University had con-

ferred 5,717 degrees and 2,628 diplomas by examination, and 520 degrees and 15 diplomas by admission *ad eundem gradum*; in 1951 there were 2,157 undergraduates, 1,173 non-graduating students, and 390 post-graduate students, apart from the 625 students at the Elder Conservatorium of Music; and the staff of four professors in 1876 had grown to thirty professors, about 120 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 affects 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 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 English Literature;

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. Angus—£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, and a bequest of £5,000 from Mrs. Mortlock for cancer research;

Sir William Mitchell—£20,000 to endow the Chair of Biochemistry, and £5,000 for the purchase of books for the Library;

F. Lucas Benham—£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.

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

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

## LETTERS PATENT

*Dated 22nd March, 1881*

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

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

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

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

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

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

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



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

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

By warrant under the Queen's Sign Manual.

PALMER.

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## SUPPLEMENTARY CHARTER

For Recognising Degrees in Surgery and Engineering

*Dated 2nd September, 1913*

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

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

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

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

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

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

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

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

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

By Warrant under the King's Sign Manual

#### UNIVERSITY OF ADELAIDE ACT, 1935.

No. 2228.

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

(Assented to 5th December, 1935.)

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

##### Short Title

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

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

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

## Interpretation

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

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

## Incorporation and Continuance of University

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

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

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

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

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

## The Council

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

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

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

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

#### Election of Members of Council by Senate

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

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

#### Election of Members of Council by Parliament

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

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

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

#### Time of Appointment and Tenure of Office

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

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

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

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

#### Filling of Vacancies

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

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

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

Election of Chancellor and Vice-Chancellor

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

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

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

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

Constitution of Senate

13. (1) The Senate shall consist—

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

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

Election of Warden

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

Conduct of Business

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

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

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

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

#### Chairmanship of Council and Senate

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

#### Management of the University

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

#### Power to Make Statutes

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

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

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

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

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

#### Power to Confer Degrees

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

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

#### Residence of Undergraduates During Terms.

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

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

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

#### No Religious Test to be Administered

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

#### Governor to be Visitor

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

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

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

#### Annual Grant to University

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

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

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

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

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



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

#### Grants for Agricultural Research

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

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

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

#### Conditions of Grant

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

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

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

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

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

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

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

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

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

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

#### Annual Report

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

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

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

#### University to be Exempt from Land Tax

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

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

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

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

#### Trusts in Relation to Certain University Land

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

#### Validation of Degrees and Statutes and Regulations

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

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

#### THE FIRST SCHEDULE

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

#### THE SECOND SCHEDULE

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

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

Signed, sealed, and delivered by the said  
Walter Watson Hughes, in the presence of  
Richard B. Andrews, Solicitor, Adelaide.)

W. W. HUGHES (L.S.)

### THE THIRD SCHEDULE

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

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

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

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

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

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

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

No. 2327 of 1936

(Assented to 3rd December, 1936.)

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

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

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

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

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

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

No. 2340 of 1937.

(Assented to 15th September, 1937)

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

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

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

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

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

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

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

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

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

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

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

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

No. 10 of 1942.

(Assented to 22nd October, 1942.)

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

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

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

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

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

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

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

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

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

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UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

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

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

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

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

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

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

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

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UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

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

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

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

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

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

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

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

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

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### THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

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

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

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

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

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### UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

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

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

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

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

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

"University grounds" means—



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

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

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

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

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

18b. No by-law shall be made—

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

18c. (1) Every by-law—

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

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

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

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

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

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

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

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

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

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

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

No. 9 of 1950.

1. In these by-laws—

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

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

“Road” includes way and track;

“University” means the University of Adelaide;

“University grounds” means—

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

18. (1) No person shall on any part of the University grounds—  
(a) cut, break, deface, pick, remove, or destroy or injure any tree, shrub, hedge, plant or flower, or any part of any lawn or garden;

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

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

#### 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 1952

## TERMS

First Term : March 24-May 24

Second Term : June 9-August 16

Third Term: September 1-December 13

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

Annual examinations will begin on November 17.

1952

## JANUARY

- Tu. 1 New Year's Day. Commonwealth inaugurated 1901.
- F. 18 Education Committee meets.
- M. 21 Finance Committee meets.
- Tu. 22 Last day of entry for the Supplementary Leaving Examination to be held in February.
- F. 25 Council meeting.
- M. 28 Public holiday: celebration of Foundation Day.
- Tu. 29 Last day of entry for the LL.B. and special degree and diploma examinations to be held in February and March.

## FEBRUARY

- F. 1 Hospital year begins. Last day of entry for the M.S. examinations to be held in May.
- M. 18 **LAST DAY OF ENROLMENT.** Conservatorium first quarter begins.
- Tu. 19 Supplementary Leaving Examination begins.
- F. 22 Education Committee meets.
- M. 25 Finance Committee meets. LL.B. and special degree and diploma examinations begin.
- F. 29 Council meeting. Last day of entry for evening studentships.

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 MARCH

- W. 12 Last day of entry for public examinations in Music and Art of Speech to be held in May.
- F. 21 Education Committee meets.
- S. 22 Long vacation ends.
- M. 24 **FIRST TERM BEGINS.** Lectures in Strength of Materials and in third and fourth years of Civil, Electrical and Mechanical Engineering begin.
- NOTE.—Students are required to attend such preliminary meetings of their classes in the first week of term as may be announced.
- Finance Committee meets.
- F. 28 Council meeting.
- M. 31 **LECTURES BEGIN.** Last day for submitting entries for the Bunday Prize and for The Sir Archibald Strong Memorial Prize for Literature.
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## APRIL

- Tu. 1 Last day for submitting compositions for the degree of Mus.Doc.
- W. 2 **ANNUAL COMMEMORATION.**
- F. 11 Good Friday.
- Su. 13 Easter Day.
- M. 14 Easter Monday.
- T. 15 Lectures resume: Lectures begin in subjects gravely affected by numbers of National Service students.
- F. 18 Education Committee meets.
- S. 19 Conservatorium first quarter ends.
- M. 21 Finance Committee meets. Conservatorium second quarter begins.
- F. 25 Anzac Day.
- M. 28 Council meeting.
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## MAY

- W. 7 Theory of Music and Art of Speech examinations.
- F. 16 Last day for submitting essays for the League of Nations Prize.
- F. 23 Education Committee meets.
- S. 24 **FIRST TERM ENDS.**
- M. 26 University and Conservatorium vacation begins. Finance Committee meets.
- F. 30 Council meeting.
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 JUNE

- S. 7 University and Conservatorium vacation ends.  
 M. 9 Public Holiday: celebration of Queen's birthday. **SECOND TERM BEGINS.**  
 Tu. 10 Lectures resume. Conservatorium resumes.  
 F. 20 Education Committee meets.  
 M. 23 Finance Committee meets.  
 F. 27 Council meeting.
- 

## JULY

- Tu. 1 Last day for submitting theses for the Boython Prize and for the degree of D.D.Sc.  
 S. 5 Conservatorium second quarter ends.  
 M. 7 Conservatorium third quarter begins.  
 W. 16 Last day of entry for public examinations in Music and Art of Speech to be held in September.  
 F. 18 Education Committee meets.  
 M. 21 Finance Committee meets.  
 F. 25 Council meeting.
- 

## AUGUST

- S. 16 **SECOND TERM ENDS.**  
 M. 18 University and Conservatorium vacation begins.  
 F. 22 Education Committee meets.  
 M. 25 Finance Committee meets.  
 F. 29 Council meeting.  
 S. 30 University and Conservatorium vacation ends.
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## SEPTEMBER

- M. 1 **THIRD TERM BEGINS.** Conservatorium resumes.  
 M. 15 Last day of entry for the **DEGREE AND DIPLOMA EXAMINATIONS** to be held in November.  
 W. 17 Theory of Music and Art of Speech examinations.  
 F. 19 Education Committee meets.  
 S. 20 Conservatorium third quarter ends.  
 M. 22 Finance Committee meets. Conservatorium fourth quarter begins.  
 F. 26 Council meeting.  
 Tu. 30 Last day for submitting exercises for the degree of Mus.Bac.
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 OCTOBER

- W. 1 Last day of entry for the PUBLIC EXAMINATIONS to be held in December.
- M. 13 Labour Day.
- F. 24 Education Committee meets.
- M. 27 Finance Committee meets.
- F. 31 Council meeting.
- 

## NOVEMBER

- S. 1 Last day of entry for the David Murray Scholarship in Science, for the James Barrans Scholarship, and for the John L. Young and John Lorenzo Young Scholarships, and for submitting theses for the Tate Medal and the John Bagot Medal.
- M. 3 Conservatorium vacation of three weeks begins. Lectures in some departments end.
- S. 8 All lectures end by this date.
- M. 10 Last day for sending to the Clerk of the Senate nominations of candidates for the annual vacancies on the Council and for the offices of Warden and Clerk, and notices of motion for the meeting of the Senate to be held on November 26.
- M. 17 DEGREE AND DIPLOMA EXAMINATIONS BEGIN.
- F. 21 Education Committee meets.
- S. 22 Conservatorium vacation ends.
- M. 24 Finance Committee meets.
- W. 26 Senate meeting: election of members of the Council and Warden and Clerk of the Senate.
- F. 28 Council meeting.
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## DECEMBER

- M. 1 Public examinations begin.
- F. 12 Education Committee meets.
- S. 13 THIRD TERM ENDS. Conservatorium fourth quarter ends.
- M. 15 Finance Committee meets.
- F. 19 Council meeting.
- Th. 25 Christmas Day.
- W. 31 Last day of application for Mining and Metallurgical Bursaries.
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1953

## JANUARY

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- Th. 1 New Year's Day. Commonwealth inaugurated 1901.  
Tu. 20 Last day of entry for the Supplementary Leaving Examination to be held in February.  
F. 23 Education Committee meets.  
M. 26 Public holiday: celebration of Foundation Day.  
Tu. 27 Finance Committee meets.  
F. 30 Council meeting.
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## FEBRUARY

- M. 2 Last day of entry for the LL.B. and 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.  
M. 16 LAST DAY OF ENROLMENT. Conservatorium first quarter begins.  
Tu. 17 Supplementary Leaving Examination begins.  
F. 20 Education Committee meets.  
M. 23 Finance Committee meets.  
F. 27 Last day of entry for evening studentships. Council meeting.
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NOTE.—Dates for the Academic Year in 1953 have not yet been determined.

# The University of Adelaide

1952

## 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.

## 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. Elected for the first time, 24th November, 1948.

ROBERT HALL CHAPMAN, C.M.G., M.E. A member since 1933. Date of last election, 28th November, 1951.

PROFESSOR JAMES GLADSTONE CORNELL, M.A., LL.B. Elected for the first time, 11th May, 1949.

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.I.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. Elected for the first time, 23rd November, 1949.

EDMUND BRITTEN JONES, M.A., M.B., B.S., F.R.C.P. A member since 1944. Date of last election, 28th November, 1951.

HILDA MARION LEWIS, B.A. A member since 1945. Date of last election, 24th November, 1948.

THE HONOURABLE MR. JUSTICE GEORGE COUTTS LIGERTWOOD, B.A., LL.B. A member since 1942. Date of last election, 23rd November, 1949.

PROFESSOR ALEXANDER KILLEN MACBETH, C.M.G., M.A., D.Sc., F.I.C. A member since 1942. Date of last election, 24th November, 1948.

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, 23rd November, 1949.

PROFESSOR MARK LEDINGHAM MITCHELL, M.Sc. Elected for the first time, 23rd November, 1949.

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

PROFESSOR EDGAR CLYNTON ROSS SPOONER, D.Phil., D.Sc. Elected for the first time, 28th November, 1951.

REGINALD ARTHUR WEST, O.B.E., M.A. A member since 1933. Date of last election, 23rd November, 1949.

KENNETH AGNEW WILLS, C.B.E., M.C., E.D. A member since 1945. Date of last election, 24th November, 1948.

Appointed by Parliament, 1950:

G. T. CLARKE, F.C.A. (Aust.), A.U.A., M.P.

HON. C. R. CUDMORE, B.A., M.L.C.

C. D. HUTCHENS, M.P.

B. PATTINSON, LL.B., M.P.

HON. F. T. PERRY, M.L.C. (appointed in 1949).

Registrar: ALBERT WILLIAM BAMPTON, A.I.A.S.A.

## THE SENATE

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

## OFFICERS

WARDEN—THE HONOURABLE MR. JUSTICE GEORGE COUTTS LIGERTWOOD, B.A., LL.B. Elected for the first time, 28th November, 1945; re-elected 28th November, 1951.

CLERK—VICTOR ALLEN EDGLOE, B.A. Elected for the first time, 24th November, 1948; re-elected 28th November, 1951.

## COMMITTEES, FACULTIES AND BOARDS FOR 1952

## EDUCATION COMMITTEE

Chairman: The Chancellor

Deputy Chairman: The Vice-Chancellor

Mr. R. H. Chapman	Dr. A. Grenfell Price
The Hon. C. R. Cudmore	Mr. R. A. West
Mr. C. E. S. Gordon	The Deans of Faculties
Mr. A. J. Hannan	The Chairmen of Boards of Studies
Mr. E. Britten Jones	The Directors of Medical Studies,
Mrs. H. M. Lewis	Surgical Studies, and Obstetrics
Dr. Helen Mayo	The Professors of the University

## FINANCE COMMITTEE

Chairman: Sir William Goodman

Deputy Chairman: Mr. K. A. Wills

The Chancellor	Mr. A. J. Hannan
The Vice-Chancellor	Dr. F. Ray Hone
The Deputy Vice-Chancellor	Mr. C. D. Hutchens
Dr. G. H. Burnell	Mr. E. Britten Jones
Mr. R. H. Chapman	The Hon. Mr. Justice Ligertwood
Mr. G. T. Clarke	Mr. Baden Pattinson
The Hon. C. R. Cudmore	The Hon. F. T. Perry
Mr. A. Fairweather	

## FACULTY OF ARTS

Dean: Dr. A. Grenfell Price

Members *ex officio*:

The Chancellor	Professor A. N. Jeffares
The Vice-Chancellor	Professor P. H. Karmel
The Dean of the Faculty of Science	Professor H. W. Sanders
Professor John Bishop	Professor J. J. C. Smart
Professor R. A. Blackburn	Mr. G. H. Lawton
Professor J. G. Cornell	Mr. E. Mander-Jones
Professor W. G. K. Duncan	Dr. H. H. Penny
Professor J. A. FitzHerbert	Mr. D. Van Abbe

Members appointed by the Council:

Mr. E. R. Corney	Mr. U. T. Place
Miss H. Crampton	Dr. A. Grenfell Price
Mr. B. R. Elliott	Mr. E. A. Russell
Mr. M. M. S. Finnis	Mr. G. Szekeres
Mr. D. H. Pike	Mr. R. A. West

## FACULTY OF SCIENCE

Dean: Professor E. A. Rudd

Members *ex officio*:

The Chancellor	Professor Sir Stanton Hicks
The Vice-Chancellor	Professor L. G. H. Huxley
The Dean of the Faculty of Agricultural Science	Professor A. Killen Macbeth
The Dean of the Faculty of Arts	Professor Sir Douglas Mawson
The Dean of the Faculty of Dentistry	Professor M. L. Mitchell
The Dean of the Faculty of Engineering	Professor W. P. Rogers
The Dean of the Faculty of Medicine	Professor E. A. Rudd
Professor A. A. Abbie	Professor H. W. Sanders
Professor H. S. Green	Professor J. G. Wood
	Miss N. Atkinson

Members appointed by the Council:

Dr. G. M. Badger	Mr. M. C. Gray
Dr. R. S. Burdon	Mr. P. M. Nossal
Mr. G. R. Fuller	Mr. I. M. Thomas
Dr. M. F. Glaessner	

## FACULTY OF AGRICULTURAL SCIENCE

Dean: Professor H. C. Trumble

Members *ex officio*:

The Chancellor	Professor W. P. Rogers
The Vice-Chancellor	Professor H. C. Trumble
The Dean of the Faculty of Science	Professor J. G. Wood
Professor D. G. Catcheside	Miss N. Atkinson
Professor L. G. H. Huxley	Dr. A. R. Callaghan
Professor A. Killen Macbeth	Dr. C. G. Hansford
Professor Sir Douglas Mawson	Dr. R. N. McCulloch
Professor M. L. Mitchell	Dr. F. L. Milthorpe
Professor J. A. Prescott	Mr. D. C. Swan

## Members appointed by the Council:

Dr. H. G. Andrewartha	Mr. A. T. Pugsley
Dr. R. J. Best	Mr. P. G. Schinckel
Dr. N. T. Flentje	Mr. A. G. Strickland
Mr. R. I. Herriot	Mr. D. E. Symon
Dr. H. H. G. Jellinek	Dr. J. H. Warcup
Mr. R. N. McKeown	Mr. K. Woodroffe

## FACULTY OF ENGINEERING

Dean: Professor E. O. Willoughby

Members *ex officio*:

The Chancellor	Professor E. O. Willoughby
The Vice-Chancellor	Mr. R. H. Chapman
The Dean of the Faculty of Science	Mr. A. Fairweather
Professor F. B. Bull	Sir William Goodman
Professor H. H. Davis	Mr. R. W. Parsons
Professor Sir Kerr Grant	Mr. G. Walkley
Professor E. C. R. Spooner	

## Members appointed by the Council:

Professor E. A. Rudd	Dr. S. W. Pennyquick
Mr. A. B. Barker	Mr. H. A. Prime
Mr. J. R. Dridan	Mr. A. J. Robinson
Mr. J. P. Duncan	Mr. H. G. Sansom
Mr. T. A. Farrent	Mr. W. H. Schneider
Mr. G. R. Fuller	Mr. J. W. Statton
Mr. E. W. Hughes	Mr. R. E. Vowels
Mr. J. P. Morgan	Mr. O. H. Woodward

## FACULTY OF LAW

Dean: Professor R. A. Blackburn

Members *ex officio*:

The Chancellor	Mr. F. P. Donovan
The Vice-Chancellor	The Hon. Mr. Justice Ligertwood
The Dean of the Faculty of Arts	Mr. J. N. McEwin
The President of the Law Society of South Australia, Inc.	The Hon. Sir Herbert Mayo
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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.).

**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.
- Lecturer:**  
PETER OWEN ALFRED LAWE DAVIES, B.E. (Syd.), Ph.D. (Camb.). Appointed 1950.
- Temporary Lecturer:**  
JAMES HENRY FOWLER. Appointed 1952.

**ELECTRICAL ENGINEERING**

- Professor:**  
ERIC OSBORN WILLOUGHBY, M.A., B.E.E., B.C.E. (Melb.). Appointed 1946.
- Reader:**  
REX EUGENE VOWELS, M.E. Appointed Lecturer, 1947; Reader, 1950.
- Lecturers:**  
DAVID WEI-CHI SHEN, Ph.D. (Lond.). Appointed 1950.  
DAVID CHRISTIAN PAWSEY, B.E.E. (Melb.). Appointed 1952.
- Part-time Lecturer:**  
WILSON GORDON FORTE, B.E.
- Senior Research Fellow:**  
HENRY ASHWORTH PRIME, M.Sc. (Manchester). Appointed 1950.

**ARCHITECTURAL ENGINEERING**

- Lecturer:**  
GAVIN WALKLEY, M.A., M.Litt. (Camb.), B.E.
- The Elder Professor:** **ANATOMY AND HISTOLOGY**  
ANDREW ARTHUR ABBIE, M.D., B.S., D.Sc. (Syd.), Ph.D. (Lond.), F.R.A.C.P.  
Appointed 1945.
- Reader:**  
WILLIAM ROSS ADEY, M.D. Appointed Lecturer, 1946; Senior Lecturer, 1950;  
Reader, 1951.
- Senior Lecturer:**  
ARTHUR DUDLEY PACKER, B.Sc., M.B., B.S. Appointed 1950.
- Lecturer:**

- 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. (Oxon.). Appointed 1949.
- Senior Lecturer:**  
ROBERT ALEXANDER BARTER, M.B., B.S. Appointed 1951.
- Lecturers:**  
ROSS TRELOAR WISHART REID, M.B., B.S. Appointed 1950.  
JOHN GEORGE TOPLISS, M.B., B.S. Appointed 1951.  
COLIN WILLIAM PHILLIPS, M.B., B.S. Appointed 1952.

**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.  
JOHN SMITH HEITMAN, 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 1924; Director, 1938.

The Waite Professor of Agronomy:

HUGH CHRISTIAN TRUMBLE, D.Sc. Appointed 1941.

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 Genetics and Plant Breeding:

ALBERT TONKIN PUGSLEY, M.Sc.

Senior Lecturer in Agronomy:

KEITH WOODROFFE, B.Ag.Sc.

### LAW

The Bonython Professor:

RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxon.). Appointed 1950.

Reader:

FRANCIS PATRICK DONOVAN, B.A., B.C.L. (Oxon.), LL.B. (Qsld.). Appointed 1951.

Lecturer in Criminal Law:

REGINALD RODERIC ST. CLAIR CHAMBERLAIN, Q.C., LL.B. Appointed 1946.

Lecturer in the Law of Equity and Conveyancing:

EDGAR LOVEDAY STEVENS, LL.B. Appointed 1939.

Lecturer in Mercantile Law:

EARNEST PHILLIPS, Q.C., LL.B. Appointed 1938.

Lecturer in the Law relating to Companies, Partnership, Bankruptcy, and Divorce:

LOUIS ARNOLD WHITTINGTON, LL.B. Appointed 1938.

Lecturer in the Law of Evidence and Procedure:

ARTHUR LAWRENCE PICKERING, LL.B. Appointed 1935.

Lecturer in Private International Law:

WILLIAM ANDREW NOYE WELLS, B.A., B.C.L. (Oxford), (LL.B.). Appointed 1952.

Lecturer in Jurisprudence (including Roman Law):

JOHN JEFFERSON BRAY, LL.D. Appointed 1951.

Lecturer in Legal Ethics:

ARNOLD MEREDITH MOULDEN, LL.B. Appointed 1944.

### MUSIC

The Elder Professor:

JOHN BISHOP. Appointed 1948.

Lecturers:

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

HAROLD STEPHEN PARSONS, Mus.Bac.

### COMMERCE AND PUBLIC ADMINISTRATION

ECONOMICS AND STATISTICS

See under Department of Economics.

ACCOUNTANCY

Lecturer-in-Charge (and Lecturer in Accountancy II):

EDWARD WEBSDALE PAINTER, A.U.A., F.C.A. (Aust.). Appointed 1946.

Lecturer in Accountancy I:

GORDON LLEWELLYN DUFFIELD, A.U.A. Appointed 1947.

Lecturer in Accountancy III:

SYDNEY HAROLD RICHARDSON, F.F.I.A. Appointed 1946.

Assistant Lecturer in Accountancy III:

RONALD FRANCIS PASCOE, A.I.C.A.



**Tutors:**

ARTHUR JAMES ADAM.  
 ELLIS HOWARD BURGESS, A.U.A., A.C.A. (Aust.).  
 BRUCE ROY MACKLIN, A.U.A., A.C.A. (Aust.).  
 ADRIAN ASTON STOCK, A.U.A.  
 HENRY WOOD FISHER, A.C.A. (Aust.).  
 NORMAN FRANK BRAUNSTHAL, B.Ec., A.U.A.

**LAW AND COMMERCIAL LAW****Lecturers:**

Law I: HOWARD EDGAR ZELLING, LL.B. Appointed 1952.  
 Commercial Law II: MARTIN RUDOLF CHEMNITZ KRIEWALDT, B.A. (Wisconsin), LL.B. Appointed 1939.  
 LEONARD BURGESS DAYMOND, B.Com. (Tas.), F.C.I.S. Appointed 1941.  
 Commercial Law III: MARTIN RUDOLF CHEMNITZ KRIEWALDT, B.A. (Wisconsin), LL.B.  
 ERNEST WILLIAM PALMER, LL.B.

**Tutors:**

Commercial Law II: ELWYN BEWELL SCARFE, LL.B.  
 LEWIS BARRETT, F.C.A. (Aust.), A.C.I.S.

**PUBLIC ADMINISTRATION****Lecturer:**

ARTHUR COLIN TILLET, A.U.A. Appointed 1949.

**PUBLIC FINANCE****Lecturer:**

EDWARD JOHN CAREY, B.Ec., A.U.A. Appointed 1949.

**MEDICINE AND SURGERY**

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

**DIVISION OF MEDICAL STUDIES****Director:**

KENNETH STUART HETZEL, M.D., F.R.C.P., F.R.A.C.P. Reappointed 1957

**Lecturers:****In Medicine:**

FRANK HOWARD BEARE, M.D., M.R.C.P., D.P.M. Appointed 1940.  
 FRANK RAYMOND HONE, B.Sc., M.D. Appointed 1944.  
 EUGENE McLAUGHLIN, M.B., B.S., M.R.C.P. Appointed 1951.

**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:**

RICHARD LONGFORD THOROLD GRANT, M.B., B.S., M.R.C.P., F.R.A.C.P. Appointed 1948.

**Tutors:****In Medicine:**

JOSIAH MARK BONNIN, M.D., M.R.C.P.  
 MELVILLE ERNEST CHINNER, M.D., M.R.C.P.  
 JOHN LIONEL HAYWARD, M.D., M.R.C.P.  
 WILLIAM MORRIS IRWIN, M.B., B.S., M.R.C.P.  
 MALCOLM WILLIAM MILLER, M.B., B.S., M.R.C.P.  
 CHRISTOPHER BAGOT SANGSTER, M.D., M.R.C.P.

**In Infectious Diseases:**

RICHARD ALFRED AMYAS PELLEW, M.B., B.S.  
 HOWARD WADMORE LINN, M.B., B.S.

**Full-time Assistant to the Director:**

ROBERT STIRLING COLTON, M.B., B.S.

**Part-time Assistant to the Director:**

ROGER CLARE ANGOVE, M.B., B.S.

## DIVISION OF SURGICAL STUDIES

## Director:

SIR PHILIP SANTO MESSENT, M.B., M.S. Appointed 1950.

## Lecturers:

## In Surgery:

ALAN THOMAS BRITTEN JONES, M.B., B.S., F.R.C.S. (Edin.). Appointed 1952.  
ALAN HARDING LENDON, M.B., B.S., F.R.C.S. Appointed 1948.  
ALISTAIR CAMPBELL McEACHERN, M.B., M.S., F.R.C.S. Appointed 1952.

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

ALFRED LADYMAN TOSTEVIN, M.B., B.S., D.O. (Oxon.), F.R.A.C.S. Appointed 1938.

## In Neuro-surgery:

LEONARD CHARLES EDWARD LINDON, M.B., M.S., F.R.C.S. Appointed 1948.

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

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

## In Surgical Diseases of Children:

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

## In Anaesthetics:

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

## Tutors:

## In Surgery and Applied Anatomy:

NOEL JAMES BONNIN, M.B., M.S., F.R.C.S.  
JAMES ESCOURT HUGHES, M.B., M.S.  
OLIVER WESTWOOD LEITCH, M.B., M.S.  
LEONARD JAMES TERNOUTH PELLEW, M.B., B.S., F.R.C.S.  
GEOFFREY WEBB VERCO, M.B., B.S.  
JAMES RUPERT MAGAREY, M.B., B.S., F.R.C.S.

## In Radiology:

HORACE ALEXANDER McCOY, M.B., B.S., D.M.R.E.

## Full-time Assistant to the Director:

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

## Part-time Assistant to the Director:

ROBERT ALFRED RUSSELL, M.B., B.S.

## 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:

BRIAN HERBERT SWIFT, M.D. (Camb.), F.R.C.S. (Ed.). Appointed 1948.

## Lecturer in Public Health and Preventive Medicine:

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

## Demonstrator in Public Health and Preventive Medicine:

GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.P.H., D.T.M. Appointed 1948.

## 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:

KENNETH JAMES ROBERTSON, B.D.S. Appointed 1949.  
HAROLD BRUCE FRAYNE, B.D.S. Appointed 1949.  
JOHN BICE DAY, B.D.S. Appointed 1949.  
ROBERT STEWART BLACKBURN, B.D.S. Appointed 1949.

## Demonstrators:

CLEMENT JAMES TYMONS, B.D.S. Appointed 1949.  
HUGH DALEY KENNARE, B.D.S. Appointed 1951.  
KENNETH AYLESBURY BROWN, B.D.S. Appointed 1952.

## 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.  
 MERVYN WYKE EVANS, D.D.Sc. 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.  
 ROGER GEORGE WILLOUGHBY, B.D.S. Appointed 1947.  
 HARRY MAX WILSON, B.D.S. Appointed 1947.  
 PHILIP MURDOCH WESSLINK, B.D.S. (Sydney). Appointed 1947.

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

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

**Demonstrators:**

GRAHAM MOUNT, B.D.S. (Syd.). Appointed 1951.

**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.

**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, B.D.S. Appointed 1949.

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

WILLIAM THOMAS DENHOLM, B.Met.E. (Melb.) Appointed 1952.

**Surgery:**

ALASTAIR CAMPBELL McEACHERN, M.B., M.S., F.R.C.S. (Eng.). Appointed 1950.

**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 Surgery and Pathology:**

ARTHUR PARISS READING MOORE, D.D.Sc. 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:**

JOHN DAVID RICE, M.B., B.S. Appointed 1946.

**Radiography:**

JAMES ALEXANDER CRAN, B.D.Sc. (Qsld.). Appointed 1949.

**TUTORS****In Medicine:**

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

**In Surgery:**

DONALD STUART KIDD, M.B. B.S. (Syd.).

**PHARMACY****Lecturer on Materia Medica, Pharmacy, and Dispensing:**

EDWARD FRANCIS LIPSHAM, Ph.C. Appointed 1932.

**Lecturer on Pharmacy:**

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

**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.

**Senior Chemist:**

RUPERT JETHRO BEST, D.Sc.

**Chemist (Analyst):**

HERMANN PETER CHRISTIAN GALLUS, M.Sc.

**Chemists:**

ANGUS GORDON TYSON, B.Sc.

DAVID GRAY LEWIS, B.Sc.

**ENTOMOLOGY****Waite Professor:****Senior Entomologist in Charge:**

DUNCAN CAMPBELL SWAN, M.Sc.

**Senior Entomologist:**

HERBERT GEORGE ANDREWARTHA, D.Sc.

**Entomologist:**

THOMAS OAKLEY BROWNING, B.Sc. (Syd.), Ph.D.

**Systematic Entomologist:**

HENRY STEWART FARNHAM LOWER.

**Research Fellow:**

PAUL E. MADGE, B.Sc. (Syd.).

**AGRONOMY****Waite Professor:**

HUGH CHRISTIAN TRUMBLE, D.Sc. Appointed Professor 1941

**Senior Agronomist:**

KEITH WOODROFFE, B.Ag.Sc.

**Mortlock Research Fellow:**

WILLIAM ELMHIRST BOND, B.A. (Camb.).

**Agronomists:**

J. N. BLACK, B.A. (Camb.).

DAVID ERIC SYMON, B.Ag.Sc.

DONALD REGINALD BATHE, M.Sc. (N.Z.). (Temporary.)

**Temporary Lecturers:**

BRUCE A. ROARK, B.Sc. (W.Aust.).

CYRIL RAYMOND KLEINIG, B.Ag.Sc.

RICHARD JAMES MILLINGTON, M.Sc. (Syd.).

## GENETICS

## Professor:

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

## Senior Plant Geneticist:

ALBERT TONKIN PUGSLEY, M.Sc.

## Plant Geneticists:

GEORGE MELROSE ELTON MAYO, B.Ag.Sc.  
MARGARET JEAN MATHIESON, Ph.D. (Camb.), M.Sc. (Melb.).

## Cytologist:

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

## PLANT PATHOLOGY

## Reader in Plant Pathology:

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

## Senior Microbiologist:

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

## Senior Plant Pathologist:

NOEL THOMAS FLENTJE, Ph.D. (Lond.), M.Sc.

## Plant Pathologists:

ALLEN KERR, B.Sc. (Edin.).  
BRUCE WILLIAM HOLLOWAY, B.Sc. (Temporary). (On leave.)

## Temporary Lecturer:

NEIL CLARENCE CROWLEY, B.Ag.Sc. (Syd.).

## PLANT PHYSIOLOGY

## Senior Plant Physiologist:

FREDERICK LEON MILTHORPE, Ph.D. (Lond.), M.Sc.Agr. (Syd.),

## Plant Physiologist:

LANCELOT HARRIS MAY, B.Sc. (On leave.)  
NICOS GEORGE MARINOS, B.A., M.Sc. (Temporary.)

## OTHER OFFICERS

## Systematic Botanist:

ENID LUCY ROBERTSON, B.Sc. (Part-time.)

## Farm Manager:

KENNETH ARTHUR PIKE, R.D.A.

## Librarian:

BETTY JEAN KINNEAR

## Photographer:

KEITH PLANTA PHILLIPS.

## Secretary:

GARFIELD LOCKHARDT GOODEN, A.F.I.A.

## Statistician:

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

## 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.

## FORMER 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.

## 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.  
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**Mathematics and Physics:**

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

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**Agriculture:**

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

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**Civil Engineering:**

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

**Mining and Metallurgy:**

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**Law:**

WALTER ROSS PHILLIPS, LL.B. (Camb.); Lecturer-in-Charge, 1883-1887.  
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 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).  
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 EDWARD HAROLD DAVIES, Mus. Bac., F.R.C.M., 1919-1947.

LECTURERS (*honoris causâ*)**Medicine:**

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## Hon. Surgeon in Charge of Urological Unit:

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**Hon. Assistant Gynaecologists:**

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**Hon. Ophthalmologists:**

A. L. TOSTEVIN, M.B., B.S. (Adel.), D.O. (Oxon).  
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**Hon. Assistant Ophthalmologists:**

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**Hon. Clinical Assistants to the Ophthalmic Department:**

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**Hon. Aural Surgeons:**

R. McM. GLYNN, M.B., B.S. (Adel.), F.R.C.S. (Edin.), D.O.M.S., D.L.O.,  
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A. S. deB. COCKS, M.B., M.S. (Adel.), D.L.O., R.C.P. and S. (Eng.), F.R.A.C.S.

**Hon. Assistant Aural Surgeons:**

R. N. REILLY, M.B., B.S. (Adel.), D.L.O. (Melb.).  
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**Hon. Clinical Assistant to the Ear, Nose and Throat Department:**

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**Hon. Surgeon, Neurosurgical Clinic:**

Vacant.

**Hon. Assistant Surgeon to the Neurosurgical Clinic:**

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**Hon. Clinical Assistant to the Neurosurgical Clinic:****Hon. Dermatologists:**

W. C. T. UPTON, M.B., Ch.M. (Syd.). (On leave.)  
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R. J. S. WALKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.M.R.D. and R.C.S. (Eng.).  
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R. E. BRITTEN JONES, M.D. (Adel.), M.R.A.C.P., M.R.C.P. (Lond.).

**Hon. Radiotherapist:**

B. S. HANSON, M.B., B.S. (Adel.)

**Senior Hon. Assistant Radiotherapist:**

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**Hon. Assistant Radiotherapist:**

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**Hon. Clinical Assistants to Radiotherapy Section:**

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**Hon. Pathologist:**

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

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

**Hon. Clinical Assistant in Pathology:**

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

**Hon. Consulting Anatomist:**

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

**Hon. Consulting Biochemist:**

PROFESSOR M. I. MITCHELL, M.Sc.

**Hon. Clinical Physiologist:**

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**Hon. Clinical Assistant to Physiology Department:**

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**Hon. Allergist:**

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**Hon. Clinical Assistant to Allergy Clinic:**

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**Hon. Officer in Charge of Electro-Cardiograph:**

E. F. GARTRELL, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.

**Hon. Clinical Assistant to Officer in Charge Electro-Cardiograph:**

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

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

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

**Clinical Assistants:**

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

F. BOYD TURNER, M.B., B.S. (Adel.).

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

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

F. E. TREMBATH, M.B., B.S. (Adel.).

IAN STEELE, M.B., B.S. (Adel.).

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

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

## Relieving Clinical Assistant:

R. MOORE, M.B., B.S.

## Surgeons:

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

## Assistant Surgeons:

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 J. L. STEELE SCOTT, M.R.C.S., M.R.C.P., M.A., B.Ch. (Camb.), F.R.C.S. (Edin.),  
 T. D. KELLY, M.B., M.S. (Adel.), F.R.A.C.S.  
 S. M. L. DUNSTONE, M.B., B.S.

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

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

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

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## Assistant Dermatologist:

C. H. SCHAFER, M.B., B.S. (Adel.).

## Relieving Clinical Assistant to Dermatologist:

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## Radiologist:

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## Assistant Radiologist:

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MARY BURNELL, M.B., B.S. (Adel.).

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 W. D. ACKLAND HORMAN, M.B., B.S. (Adel.),  
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**Medical Superintendent, Bedford Park Sanatorium:**

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## Teacher of Flute:

KEITH YELLAND.

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NOEL POST.

## Teachers of Clarinet:

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## Teacher of French Horn:

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FRANK JOHNSTON.  
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ENID LEWIS.

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ALISON HOLDER, Mus.Bac.

## Secretary:

JOHN LEONARD PORTER.

## REGISTRAR'S DEPARTMENT

## Registrar:

ALBERT WILLIAM BAMPTON, A.I.A.S.A. Appointed Accountant, 1924; Acting Registrar, 1945; Registrar and Accountant, 1947-1950; Registrar, 1951.

## Registrar's Secretary:

BESSIE BRIAR MATTISON.

## Academic Branch

## Assistant Registrar:

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

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HENRY ELLIOTT WESLEY SMITH, B.A., Dip.Ed. (Oxon.).

## Senior Administrative Assistant:

FRANCIS HENRY JOHNSON, M.A. (Oxford).

## Administrative Assistant:

ERIC LACY VOWLES, M.C.

## Clerk:

PETER MAXWELL COLIN TURNBULL.

## Accounts Branch

## Accountant:

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## Chief Clerk:

DONOVAN WALTER WALLIS, A.F.I.A.

## Assistant Accountant:

ERNEST STANLEY WYETT, A.U.A., A.I.C.A.



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**Secretary: Public Examinations**

HERBERT REGINALD OTHAMS, B.A.

**Assistant Secretary:**

LAWRENCE HENRY DALZIEL, B.A.

**Librarian: THE BARR SMITH LIBRARY**

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**Assistant Librarian:**

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BERNADETTE MARIE THERESE BYRNE, B.A.  
SHIRLEY CORRELL  
MARY ELIZABETH DEEGAN.  
LESLEY JOAN JEFFRIES.  
DOROTHY MEAD, B.A.  
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Tutor-in-Charge: ERNEST GORDON BIAGGINI, D.Litt.

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

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- 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 } Davies Thomas.
- 1897: Sir Thos. Elder—£20,000 to endow the school of Medicine.
- 1897: Sir Thos. Elder—£20,000 to endow the school of Music.
- 1898: Public Subscriptions—£600 to found studentships in memory of John Anderson Hartley.
- 1900: His Excellency Lord Tennyson—£100 to provide medals for English Literature at the public examinations.
- 1900: Trustees of Robert Whinham Fund—£84 to found a prize in Elocution.
- 1902: Public Subscriptions—£473 to found a lectureship in Gynaecology in memory of Dr. Edward Willis Way.
- 1902: Public Subscriptions—£60 to provide a medal for geological work in memory of Professor Ralph Tate.
- 1903: Joseph Fisher—£1,000 to provide the Fisher Medal and the Fisher Lecture in Commerce.
- 1907: G. J. R. Murray, K.C., B.A., LL.B.—£1,000 to found the Tinline Scholarships in History.
- 1907: Miss Julia Stuckey—£500 for the encouragement of the study of Botany.
- 1907-9: Miss E. M. Bunday, Mus. Bac.—£3 for the encouragement of the study of Botany.
- 1908: David Murray—£2,000 to found scholarships.
- 1908: R. Barr Smith—£150 to found a prize in Greek.
- 1908: Private Subscriptions—£115 to found a prize in Latin in memory of Andrew Scott, B.A.
- 1912: Mrs. John Bagot—£500 to found a scholarship and medal in Botany, in memory of John Bagot.
- 1912: Miss E. M. Bunday, Mus. Bac.—£200 to found an annual prize for English verse, in memory of Sir Henry and Lady Bunday.
- 1913: The Creswell Memorial Committee—£1,300 to found scholarships in memory of John Creswell.
- 1914: The Public Schools Decoration and Floral Societies—£255 to found a prize at the Elder Conservatorium in memory of Alexander Clark.
- 1914: Anonymous Donor—£100 to found a prize in medicine in memory of Lord Lister.

- 1914: Peter Waite—Urrbrae Estate, Glen Osmond, comprising 134 acres and mansion house, to advance the cause of education, and more especially to promote the teaching and study of Agriculture and Forestry and allied subjects.
- 1915: Peter Waite—Estate of Claremont and part of Netherby, comprising 165 acres adjoining Urrbrae.
- 1918: Peter Waite—5,880 Shares in Elder, Smith and Co. Ltd., to provide funds to enable the University to utilize for the purposes intended the land given in 1914 and 1915.
- 1915: J. Harvey Finlayson—£200 to found a scholarship in political economy or cognate subject in memory of John Lorenzo Young.
- 1915-21: Subscriptions from his Old Scholars—£1,000 to found a research scholarship in memory of John L. Young.
- 1915: Sir Edwin Smith—£500 to found a scholarship in memory of his grandson, Eric Wilkes Smith.
- 1915: The S.A. Commerical Travellers' Association—£100 to found a bursary in memory of Archibald Mackie.
- 1916-22: Sir S. J. Way—£1,277 for general purposes.
- 1917: Public Subscriptions—£740 to found scholarships in memory of Eugene Alderman.
- 1918: Mrs. A. M. Simpson—£500 to provide a library in aeronautics in memory of her husband, Alfred Muller Simpson.
- 1919: Miss E. M. Bunday, Mus. Bac.—£1,236 to found research scholarships in Botany or Forestry.
- 1920: The family of the late R. Barr Smith—£11,000 to form an endowment for the University library.
- 1920: Private Subscriptions—£7,073 to establish the Animal Products Research Foundation.
- 1920: The North Adelaide Congregational Church—Subscriptions—£50 to provide a medal in memory of the Rev. Dr. Jefferis.
- 1920: The Hon. Sir George Murray, K.C.M.G.—£1,000 for the Building Fund.
- 1920: The family of John Darling—£15,000 for a medical school building in memory of their father.
- 1921: Mrs. G. A. Jury—£12,000 to endow a chair in English Language and Literature.
- 1921: Old Scholars of Tormore House School—£130 to found an annual prize in memory of the School.
- 1922: Mrs. Jane Marks—£30,000 for the better endowment of the medical school and to perpetuate the memory of George Richard Marks and his wife Jane Marks.
- 1922: Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—Property of the estimated value of £20,923 for advancement of medical research.
- 1922: Old scholars of Miss Martin's School—£150 to found annual prizes in memory of Annie Montgomerie Martin.
- 1923: The Adelaide Co-operative Society—£150 to found a bursary in memory of George Thompson.
- 1923: T. E. Barr Smith—£100 to found an annual prize for an essay on the work of the League of Nations.
- 1924: Mrs. Agnes Ayers—£500 for general purposes.
- 1924: Old Scholars of the Methodist Ladies' College—£100
- 1924: Public Subscriptions—£650
- 1924: James Gartrell—£200 to found an annual prize in Comparative Philology.
- 1925: Old Scholars of Unley Park School—£450 to found a bursary in memory of Catherine Maria Thornber.
- 1926: The Hon. Sir Langdon Bonython, K.C.M.G.—£20,000 to endow the chair of Law.
- 1926: The Hon. Sir Josiah Symon, K.C.M.G., K.C.—£9,500 for the Lady Symon Building, the women's portion of the University Union.
- 1926: Sir Joseph Verco, Kt.—£5,000 to establish a fund for the publication of results of research in the medical sciences.
- 1926: J. T. Mortlock—£2,000 to help the Council in equipping the Waite Agricultural Research Institute.
- 1926: Public Subscriptions—£1,076 for the encouragement of orchestral music; the fund was inaugurated by Mr. Percy Grainger in memory of his mother.

- 1926: Executors of the late Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—£452 to establish Keith Sheridan prizes in the medical school.
- 1927: John Melrose—£10,000 for a chemistry laboratory at the Waite Agricultural Research Institute.
- 1927: M. L. Mitchell—£50 for the Barr Smith Library.
- 1927-8: T. E. Barr Smith—£34,718 for the Barr Smith Library Building.
- 1929: The family of John Darling—£10,000 for a laboratory for soils research at the Waite Agricultural Research Institute.
- 1929-51: 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—£52,788 (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 Bio-chemistry.
- 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 Gardner.
- 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—£2,108 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.
- 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.
- 1951: Mr. R. C. Baker—£5,000 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 found 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.

## 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 } to assist investigations into  
     James Waite—£400 } soil erosion and pasture re-  
     Mrs. R. F. Mortlock—£100 } generation.  
     J. T. Mortlock—£1,500 }  
 1940-41: T. G. Wilson—£1,500 towards the salary of a Director in Obstetrics.  
 1939-41: The Carnegie Corporation of New York—£5,967 3s. 4d. for the purchase of books.

- 1940-41: The Carnegie Corporation of New York—£1,656 towards the salaries of foreign scholars.
- 1941: J. T. Mortlock—£1,000 to provide a residence at Yudnapinna.
- 1943-48: Imperial Chemical Industries Ltd.—£1,312 for investigations into sulphur drugs.
- 1944-50: The Australian Wool Board—£23,939 for investigations into pasture problems in the south-east of the State.
- 1945: Mrs. Phoebe Ferris—£250 for research into tuberculosis.
- 1946: Richard Watson—£150 for work in opera.
- 1947: Anonymous Donor—£200 for research into tuberculosis.
- 1948: The Broken Hill Proprietary Co. Ltd.—£5,000 towards equipping the Department of Mining and Metallurgy.
- 1948: Australian Red Cross Society—£278 for the training of social workers.
- 1948: Crippled Children's Association of S.A.—£200 ( For an investigation into The Government of South Australia—£139 ( poliomyelitis.
- 1948: Mr. J. T. Mortlock—£2,000 for investigations into pasture regeneration.
- 1949: Electrolytic Zinc Co. of A/sia Ltd.—£5,000  
 North Broken Hill Ltd.—£4,000  
 Broken Hill South Ltd.—£4,000  
 Zinc Corporation Ltd.—£4,000  
 Imperial Chemical Industries Ltd.—£1,000 } For the purchase of equipment for the Department of Mining, Metallurgical and Chemical Engineering.
- 1949: Professor J. H. B. Tew—£100 to establish a fund on which the Professor of Economics may draw for prizes in Economics.
- 1950: Power Plant Ltd.—£400 } For equipment for the Department of Mining, M. Moore—£200 ( Metallurgical and Chemical Engineering.
- 1950: Australian Performing Rights Association—£105 towards the cost of the next Festival of Australian Music.
- 1950: Imperial Chemical Industries of Australia and New Zealand Ltd.—£500 for a Research Scholarship tenable at the Waite Agricultural Research Institute.
- 1951: £2,380 from an anonymous donor for the provision of the Staff Club in the University.
- 1951: Messrs. F. H. Faulding and Co. Ltd.—£100 for virus investigations.
- 1951: Aberfoyle Tin N.L.—£250  
 King Island Scheelite (1947) Ltd.—£100 } For equipment for the Department of Mining, Metallurgical and Chemical Engineering.
- 1951: The Viking Fund of New York—\$1,500 towards the cost of an anthropological expedition.



## GIFTS AND BEQUESTS

## TO THE UNIVERSITY LIBRARY:

- (1) H.M. Somdetch Phra Paramindr Maha Chulalonkorn Phra Chula Chom Klao, King of Siam: The Tripitaka.
- (2) Public Library of South Australia: the medical portion of the Public Library.
- (3) William Barlow, C.M.G., LL.D.: a collection of 450 Law Books.
- (4) The Rt. Hon. Sir S. J. Way, Bart., a library of over 15,000 volumes; and bronze statuettes and silverware.
- (5) The Hon. Sir Josiah Symon, K.C.M.G., K.C.: a valuable collection of the earlier Law Reports and other legal books.
- (6) Sir Joseph Verco, Kt.: books for the Medical Library.
- (7) Carnegie Corporation of New York; a collection of Monographs.
- (8) W. Ramsay Smith, D.Sc.: a collection of books and periodicals numbering 2,165 volumes.
- (9) Carnegie Corporation of New York: 170 volumes on education and psychology.
- (10) T. Brailsford Robertson, Ph.D., D.Sc.: a collection of scientific books and periodicals.
- (11) R. J. M. Clucas, B.A.: 1,300 books selected from his library.
- (12) Aylmer Strong: the library of his brother, Professor Sir Archibald Strong.
- (13) H. F. Shorney, M.D.: a library in ophthalmology.
- (14) The French Government: 470 volumes selected by the Lecturer in French.
- (15) The Italian Government: Enciclopedia Italiana (35 vols.).
- (16) Sir Douglas Mawson: 19 volumes of Drygalski's records of his South Pole Expedition.
- (17) W. Howchin: a collection of books.
- (18) F. Lucas Benham, M.D.: a collection of about 1,000 books.
- (19) Professor J. L. Shellshear: back numbers of the Journal of Comparative Neurology.
- (20) R. S. Rogers, M.A., M.D., D.Sc.: about 800 books on botany, chiefly on orchids.
- (21) Canon T. H. Frewin: a collection of more than 300 classical coins.
- (22) Lord Normand: a copy of the transcript of the argument before the Privy Council in the Banking Case.

## THE WAITE AGRICULTURAL RESEARCH INSTITUTE:

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

## EQUIPMENT, etc.:

- R. H. Pülleine, M.B., B.S.: An Emerson fuel calorimeter.  
 Mr. Napier K. Birks: An "Isko" freezing engine.  
 E. Angus Johnson, M.D., M.R.C.S., L.R.C.P.: Anthropological material, books and photographs.  
 Sir William Mitchell, K.C.M.G.: Iron gates for Frome Road entrance.  
 Professor M. L. Mitchell: Frigidaire, Animal Culture House.  
 The Carnegie Corporation of New York: College Music Set, Arts Teaching Set.  
 Board of Governors of the Botanic Gardens: Herbarium.  
 R. S. Rogers, M.A., M.D., D.Sc.: Herbarium of Australasian orchids.  
 Mrs. Margaret Morris: Herbarium.  
 The British Council: a library of records and sheet music.

## 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.

	A	
Abbie, Andrew Arthur, D.Sc. (Sydney, 1941) - - - - -	1945	Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - - -
Abbott, Charles Anthony Lempriere, LL.B. - - - - -	1947	Almond, William Wesley, B.Sc. (Eng.) - - - - -
Abbott, Charles Arthur Hillas Lempriere, B.A. - - - - -	1911	Altmann, Arthur Richard, B.E. - - - - -
LL.B. - - - - -	1914	Altmann, Herbert Franz, M.B., B.S. - - - - -
†Abbott, Derek Athol Lempriere, LL.B. - - - - -	1950	Altman, Olive Stella, B.A. - - - - -
Abbott, Geoffrey Joseph, B.E. - - - - -	1921	Ambrose, Betty Rosslyn, M.B., B.S. - - - - -
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.) 1942 surrendered) - - - - -	1943	Ambrose, John Rosslyn, M.B., B.S. - - - - -
Abbott, Nigel Basil Cresley, M.B., B.S. - - - - -	1916	†Amey, Lloyd Ronald, B.E. - - - - -
Abbott, Nigel Drury Cresley, M.B., B.S. - - - - -	1944	Amos, George Lewis, M.Sc. - - - - -
Abotomey, Olive Wanda, B.A. - - - - -	1930	Anders, Douglas John, B.Sc. - - - - -
◦Adam, David Bonar, B.Ag.Sc. (Melbourne, 1922) - - - - -	1939	Anders, Ralph Charles, B.E. - - - - -
†Adam, Elizabeth Anderson, B.A. - - - - -	1949	Andersen, Kerstin Lillemor, B.A. - - - - -
Adams, Arthur John Sorby, B.Sc. - - - - -	1926	Anderson, Adrian Akhurst, B.E. - - - - -
Adams, Colin Francis, B.E. - - - - -	1934	Anderson, Alan Bruce, B.Sc. - - - - -
Adams, Dorothy Sorby, M.B., B.S. - - - - -	1922	†Anderson, Albert Raymond, M.B., B.S. - - - - -
Adams, Edward James Stanley, B.E. - - - - -	1941	Anderson, Alison Margaret, B.A. - - - - -
Adams, Frederick Penoyre, LL.B. - - - - -	1923	Anderson, Aubrey James Clifton, B.A. - - - - -
Adams, John Clyde, B.E. - - - - -	1941	Anderson, Claude Leonard, M.B., B.S. - - - - -
Adams, Reginald Keith Sorby, M.A. - - - - -	1926	Anderson, Colin Charles, B.Sc. (Eng.) - - - - -
Addison, Stanley Simpson, B.Sc. - - - - -	1908	Anderson, Donald Robert Ross, M.B., B.S. - - - - -
Adey, Colin Richard, B.Sc. (Eng.) - - - - -	1942	Anderson, Dorothy Kathleen Ross, M.B., B.S. - - - - -
Adey, William Ross, M.D. (M.B., B.S., 1943) - - - - -	1949	Anderson, Geoffrey Fraser, LL.B. - - - - -
†Ahern, Kevin Barry, LL.B. - - - - -	1951	Anderson, Gwendoline Mary, B.A. - - - - -
Aitchison, Erica Nancy, B.A. - - - - -	1931	Anderson, Isabella, B.A. - - - - -
Aitchison, Gordon Douglas, B.E. - - - - -	1938	Anderson, Jack Sidney, M.B., B.S. - - - - -
Aitchison, Gordon James, M.Sc. - - - - -	1945	Anderson, Max Kimberley, M.B., B.S. - - - - -
Aitchison, Gordon John, B.E. - - - - -	1927	Anderson, Ronald Alexander, B.Sc. - - - - -
Aitken, Gilbert William Elliot, M.B., B.S. - - - - -	1943	Anderson, Sessa Ross, LL.B. - - - - -
Akhurst, Adrian, LL.B. - - - - -	1908	Anderson, William Moffat, B.E. - - - - -
Alcock, Dudley Horace, B.A. - - - - -	1943	Andrew, Brian William, B.E. - - - - -
Alderman, Arthur Richard, D.Sc. - - - - -	1943	Andrew, Hugh Graham, M.B., B.S. - - - - -
Alderman, Colin Graham, M.B., B.S. - - - - -	1943	Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932) - - - - -
†Aldersey, Algernon Lunley Haydon, B.Sc. - - - - -	1950	Andrews, Jean Mary Agnes, B.A. - - - - -
Aldersey, Richard Baker, B.Sc. - - - - -	1923	Andrews, Julian, M.B., B.S. - - - - -
†Alexander, Donald John, B.E. - - - - -	1951	†Andrews, Murray William, B.Sc. - - - - -
Alexander, Rosemary Margery Blanche, LL.B. - - - - -	1935	Andrews, Richard Bullock, B.A. - - - - -
Alexander, William Colin, B.E. - - - - -	1928	LL.B. - - - - -
†Allardice, John Graham, B.E. - - - - -	1950	Angel, Laura Madeline, M.Sc. - - - - -
Allen, Dulce Dawn, B.A. - - - - -	1945	Angel, Mary Taylor, M.B., B.S. - - - - -
Allen, Edgar, M.A. - - - - -	1913	†Angley, Ronald James, B.Sc. - - - - -
†Allen, Gordon Lewis, B.E. - - - - -	1951	Angove (nee Clare), Dorothy Cotgrave, B.A. - - - - -
Allen, Gordon Vivian, B.E. - - - - -	1936	Angove, Roger Clare, M.B., B.S. - - - - -
Allen, Gwenneth Dawn, B.Sc. - - - - -	1947	Angus, William, B.Sc. (Aberdeen, 1900) - - - - -
Allen, Henry Joshua, M.A. - - - - -	1929	Angus, William Roy, M.B., B.S. - - - - -
Allen, James Lawrence, B.A. - - - - -	1935	Angwin, William Britton, B.Sc. - - - - -
Allen, John Bernard, B.A. - - - - -	1942	Annear, Douglas Innes, B.Sc. - - - - -
Allen, John Howard, B.Sc. - - - - -	1916	†Annells, Ralph Edward, B.D.S. - - - - -
Allen, Leonard Nicholls, M.A. - - - - -	1933	Annells, William Charles, M.A. - - - - -
Allen, Lois Waveney, B.A. - - - - -	1913	Appleby, Arthur George, B.E. - - - - -
Allen (nee Mann), Margaret Noble, B.A. - - - - -	1927	†Appleby, Cyril Angus, B.Sc. - - - - -
†Allen, Maxwell George, B.Sc. - - - - -	1949	Appleby, Harold Henry, M.B., B.S. - - - - -
†Allen, Murray William, B.E. - - - - -	1950	†Appleby, Ronald Louis, B.Sc. - - - - -
†Allen, Roy, M.B., B.S. - - - - -	1951	†Appleton, Edgar Arthur, B.A. - - - - -
Allen, Shirley Hope, B.Sc. - - - - -	1943	Apps, Bert Frederick George, B.A. (Melbourne, 1934) - - - - -
Allen, William Douglas, B.Sc. - - - - -	1934	Archer, Geraldine, M.B., B.S. - - - - -
†Allert, Margaret Elizabeth, B.A. - - - - -	1950	Archibald, Francis Callum, M.B., B.S. - - - - -
Allison, John Kenneth, B.A. - - - - -	1939	Arden, Felix Wilfrid, M.D. (M.B., B.S., 1931) - - - - -
		†Armstrong, Gowan, B.A. - - - - -
		Arnold, Donald Clyde, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - - -

◦ Deceased. † Not yet Members of the Senate.

Arnold (formerly Weidenbach), Edwin, M.B., B.S. - - - - -	1907	Barnes, Frederick Lynne, B.Sc. - - - - -	1938
Arnold, William Robert, B.E. - - - - -	1948	Barnes, Marjorie Joyce, LL.B. - - - - -	1937
Arthur, Albert Ralph, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - -	1947	Barnes, Robert, M.B., B.S. - - - - -	1948
Ash, Arthur Louis George, B.A. - - - - -	1907	Barnes, Thomas Alfred, M.Sc. - - - - -	1950
Ashby, Enid Lucy, B.Sc. - - - - -	1947	Barnett, Samuel Powell, M.B., B.S. - - - - -	1927
Ashby, Hazel Gwenyth, B.Sc. - - - - -	1945	Barnfield, George Thomson, LL.B. - - - - -	1937
†Ashenden, Leslie Edward, B.A. - - - - -	1949	Barr, Helen Elizabeth, B.Sc. - - - - -	1947
Ashton, Colin Baker, M.B., B.S. - - - - -	1941	Barraclough, Sir Henry Egerton, M.E. (M.M.E., Cornell) - - - - -	1928
Ashton, Elizabeth Mary, M.A. - - - - -	1944	Barrett-Lennard, Lancelot, M.B., B.S. - - - - -	1947
Ashton, Evelyn Joyce, B.A. - - - - -	1943	Barrett, Murray James, M.D.S. - - - - -	1949
Ashton, Harry Tamblin, B.Sc. - - - - -	1930	†Barrett, William Vernon, B.A. - - - - -	1949
Ashton, Joseph Everette, LL.B. - - - - -	1922	Barrien, Beryl Stoddart, M.Sc. - - - - -	1938
Ashton, Mabel Winifred, B.A. - - - - -	1936	Barrien, John, B.E. - - - - -	1948
Ashworth, Clarice Mabel, B.A. (Sydney, 1917) - - - - -	1929	†Barrow, Peter McKee, B.Ag.Sc. - - - - -	1949
Astley, John Felix, LL.B. - - - - -	1922	Barry, Alfred, LL.D. (Oxford) - - - - -	1889
†Astley, Michael John, LL.B. - - - - -	1951	†Barry, Brian Robert, B.Ec. - - - - -	1950
Aston, Morrell Kenneth, B.Sc. - - - - -	1942	Barter, Francis Charles, LL.B. - - - - -	1931
B.A. - - - - -	1947	Barter, Kenneth Edwin, B.A. - - - - -	1931
Atkins, Joan Darlington, LL.B. - - - - -	1937	Barter, Robert Alexander, M.B., B.S. - - - - -	1947
†Atkinson, Douglas Ewen, B.Sc. (Eng.) - - - - -	1949	Barter, Ruth Estelle, B.A. - - - - -	1931
Atkinson, Nancy, M.Sc. (Melbourne, 1932) - - - - -	1938	Bartholomaeus, Clifford Geoffrey, B.E. - - - - -	1930
Atwell, Leslie George Danks, B.A. - - - - -	1930	Bartholomaeus, Edmund Stanley, B.A. - - - - -	1914
Auricht, Reginald Theodore, M.B., B.S. - - - - -	1948	Bartlett, Nancy Irene, B.A. - - - - -	1939
Ayliffe, Roger Wyndham, B.Sc. - - - - -	1948	Bartlett, William John, M.A. - - - - -	1914
B			
†Backhouse, Paul Vivian, B.E. - - - - -	1950	Barton, Felix Kingston, B.A. - - - - -	1911
Baddams, Greta, B.A. - - - - -	1940	Barwell, Sir Henry Newman, LL.B. - - - - -	1899
B.Sc. - - - - -	1943	Barwell, Mary Gilbert, B.A. - - - - -	1926
Baddams, Violet Thiele, B.A. - - - - -	1938	Basedow, Fritz Johannes, B.E. (B.Sc., 1912, surrendered for B.E., 1913) - - - - -	1913
Badenoch, Reginald Leslie, LL.B. - - - - -	1936	Basedow, Karl Johannes, M.B., B.S. - - - - -	1938
Badger, Colin Robert, M.A. - - - - -	1938	†Bassett, Maxwell Auger, B.Ec. - - - - -	1951
Badger, Donald Gibson, B.Ec. - - - - -	1937	Batchelor, Florence Elizabeth Reine, M.A. - - - - -	1931
Badger, Geoffrey Malcolm, D.Sc. (Glasgow) - - - - -	1950	†Bateman, Peter Patrick, M.B., B.S. - - - - -	1950
Badger, Lena Jessie, LL.B. - - - - -	1937	Bateman, Wilfrid, B.Sc. - - - - -	1941
Badger, Robert, LL.B. - - - - -	1914	Bates, Brian Lewis, B.Sc. - - - - -	1947
Badman, Shirley, B.Sc. - - - - -	1945	Bates, William George James, B.E. - - - - -	1935
Badhurst, Harold Charles, B.E. - - - - -	1942	†Bath, Donald James, B.E. - - - - -	1950
Bagot, Edward Mead, M.A. - - - - -	1919	†Battye, Gavin Ross, B.E. - - - - -	1949
Bagot, John Hervey, B.A. (Cambridge, 1930) - - - - -	1931	Baudinet, Walter Hooper, M.B., B.S. - - - - -	1935
Bailey, Alan Paterson, B.Ec. - - - - -	1948	Bauer, Franz, M.B., B.S. - - - - -	1942
Bailey, Frederick Manson, B.Sc. - - - - -	1927	Bawden, Albert Victor, B.A. - - - - -	1930
†Bailey, Keith William, B.D.S. - - - - -	1951	Baxter, Reginald Robert, B.Sc. - - - - -	1912
†Baile, John Herbert, B.E. - - - - -	1951	†Bayliss, Colin Evan, M.B., B.S. - - - - -	1951
Baker, Arthur James Kendall, B.A. - - - - -	1914	†Bazeley, Francis, B.E. - - - - -	1950
Baker, Ralph Alderton, M.B., B.S. - - - - -	1912	Bean, Alan Reid, M.B., B.S. - - - - -	1917
Baker, Robert Morgan, B.Ag.Sc. - - - - -	1940	Bean, Edgar Layton, B.A. - - - - -	1913
Baker, Walter Ross, B.E. - - - - -	1931	LL.B. - - - - -	1922
Bald, Robert Cecil, LL.B. - - - - -	1930	Bean, Edgar Stewart, M.B., B.S. - - - - -	1947
D.Litt. - - - - -	1946	Beaney, Harold Leigh, B.E. - - - - -	1932
Ball, Karl George, M.B., B.S. - - - - -	1946	Beard, Donald Douglas, M.B., B.S. - - - - -	1947
Ballantyne, Elsie Ray, M.A. - - - - -	1931	Beard, Jack Roland Stanley Grose, M.B., B.S. - - - - -	1914
Ballard, Leslie Alfred Tucker, B.Ag.Sc. (Melbourne, 1932) - - - - -	1933	Beard, Roland Maurice Charles Georges, M.B., B.S. - - - - -	1946
M.Ag.Sc. - - - - -	1933	Beare, Frank Howard, M.D. (M.B., B.S., 1917) - - - - -	1921
Bampton, Colin Charles, B.Sc. (Eng.) - - - - -	1942	Beare, John Alan, B.Ag.Sc. - - - - -	1937
Banks, Alan, B.E. - - - - -	1948	†Beare, Thomas James, B.E. (Interim B.Sc. (Eng.) 1949, surrendered) - - - - -	1951
†Bannigan, John Thornton, B.Sc. - - - - -	1949	Beaton, Doris Jean, LL.B. - - - - -	1940
†Bannister, Lloyd Benjamin, B.E. - - - - -	1951	Beauchamp, Edward Benjamin, LL.B. - - - - -	1927
Barber, Howard Frank, B.A. - - - - -	1939	Beaumont, Paul Charles, B.A. - - - - -	1921
Barber, Kenneth, B.Sc. - - - - -	1944	Beaumont, Olive Sowter, B.A. - - - - -	1939
Barbour, Graeme Madowal, M.A. - - - - -	1922	Beck, Alan Beavis, M.Sc. - - - - -	1932
Barbour, John Russell, M.S. (M.B., B.S., 1934) - - - - -	1944	†Beck, Merlin Benjamin, B.Ag.Sc. - - - - -	1949
Barber, Robert, B.A. - - - - -	1916	Beck, Robert George, B.Ag.Sc. - - - - -	1941
Barbour, Robert Roy Pitty, M.A. (Oxford, 1930) - - - - -	1930	Beckwith, Ralph Symonds, B.Sc. - - - - -	1944
Barker, Alwyn Bowman, B.E. - - - - -	1923	Beckwith, Shirley Katie, B.A. - - - - -	1939
B.Sc. - - - - -	1931	Bednall, Brian Herbert, B.Sc. - - - - -	1925
Barker, Edgar James, B.E. - - - - -	1936	Bednall, Maurice William, LL.B. - - - - -	1924
Barlow, Douglas Arthur, B.Sc. - - - - -	1942	Beech, Ernest Robert, M.B., B.S. - - - - -	1932
†Barlow, Grace Barbara, B.A. - - - - -	1951	†Beecham, Anthony Frank, B.Sc. - - - - -	1950
Barlow, Marguerite Mora, M.B., B.S. - - - - -	1947	Begg, Barbara Rosemary, B.Sc. - - - - -	1947
Barlow, Peter Douglas, B.E. (Interim B.Sc. (Eng.) 1947, surrendered) - - - - -	1948	†Begg, Betty Shannon, M.B., B.S. - - - - -	1949
Barnard, Howard Lucas, B.E. - - - - -	1924	†Begg, Percy Raymond, B.D.S. (Melbourne, 1924) - - - - -	1932
Barnard, Margarita Mira, B.A. - - - - -	1911	D.D.Sc. - - - - -	1935
Barneden, Vina Melba, Mus.Bac. - - - - -	1935	Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered for B.E., 1918) - - - - -	1918
Barnes, Charles Stanley, M.Sc. - - - - -	1951	Behrndt, Arthur Clive, M.B. B.S. - - - - -	1948
†Barnes, David Thomas, M.B., B.S. - - - - -	1951	Bell, Arthur Hammond, M.A. - - - - -	1925
		Bell, Donald George, B.A. - - - - -	1941
		Bell, Edith Bevilacqua, B.A. - - - - -	1936

† Not yet Members of the Senate.

†Bell, Franklyn Gilbert, M.B., B.S.	1949	Blackburn, Robert Stewart, B.D.S.	1941
†Benjaminson, Albert, B.E.	1951	Blackburn, Rosemary Neville, B.A.	1945
†Bennett, Mary Gilmour, B.Sc.	1951	Blackburn, Suzanne Burton, M.B., B.S.	1948
Bennett (nee Berriman), Annie Stevens, B.A.	1919	Blacket, Arthur Howard, B.A.	1927
Bennett, Charles Gordon, B.A.	1922	Blacket (nee Dickinson), Edith Grace, B.A.	1926
Bennett, David John, B.Sc.	1932	Blades, James Frederick, B.A.	1947
Bennett, Donald Collier, M.B., B.S.	1946	Blaess, Frederick John Henry, M.A.	1943
†Bennett, Floyd Chester, B.A.	1951	Blaess, Ronald Frederick, B.A.	1943
Bennett, Frederick Norman, B.A.	1905	†Blair, David Scott, B.E.	1949
Bennett, Graham Leslie, M.B., B.S.	1935	Blair, Euphemia Theodosia, M.A.	1916
†Bennett, Henry Trevor, LL.B.	1950	†Blair, Joan Scott, B.A.	1949
Bennett, John Barkly, M.B., B.S.	1947	†Blair, Ruth Margaret, B.A.	1951
Bennett, John Nelson, LL.B.	1944	Blake, Milton Audley, B.Sc.	1923
Bennett, Keith McQuarrie, B.E.	1925	Blakeway, Lionel Norman, B.A.	1948
Bennett, Norman Robertson, M.B., B.S.	1919	†Blaskett, Alan Charles, B.Sc.	1950
Bennett, Richard Barkly, M.B. B.S.	1948	Blaskett, Donald Reginald, B.E.	1940
Bennett, Thomas Southall, B.A.	1933	Blaskett, Kenneth Selway, B.E.	1931
†Bennier, Donald John, B.E.	1951	Blaskett, Sydney Norman, B.E.	1928
Benskin, Frederick George, M.A. (Oxford, 1900)	1923	Bleby, Dorothy Aileen, B.A.	1930
Benson, Maurice Bernard, B.A. (London)	1950	Bleby, Gordon Edward Henry, LL.B.	1931
†Benson, William Herbert, M.B., B.S.	1951	Bleby, John Raymond, B.A.	1933
†Bentley, John Donald, B.A.	1951	Bleby, Thelma Evelyn, LL.B.	1923
Bentley, William James, B.A.	1935	Blesing, Rae Flora, B.A.	1947
Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1949	†Blight, John Malcolm, B.Sc.	1950
Bemdt, Kenneth Lewis, B.Sc.	1937	†Blight, Thomas David, B.Sc.	1951
B.A.	1943	Bloomfield, Allan John, B.D.S.	1939
Berriman, Robert Harrold, B.E. (B.Sc., 1915, surrendered for B.E., 1919)	1919	Bloomfield, Jack Lee, B.E.	1943
Bert, Ernest Julius, B.E.	1921	Blown, William Baker, B.E.	1930
Berry, Frances Winifred, M.A.	1919	Boas, Isaac Herbert, B.Sc.	1899
Berry, Philip Alan, M.Sc.	1934	†Boehm, Ernst Arthur, B.E.	1949
Best (nee Deland), Effie Wyllie, M.Sc.	1930	Boehm, Rolfe Vernon, B.E.	1935
Best, Rupert Jethro, D.Sc.	1948	Boer, Edward Douglas, M.B., B.S.	1942
Bested, Gordon John, B.A.	1942	Bolin, Beverley Louise, B.E.	1948
†Bettison, Margaret Selina, B.A.	1949	Bollen, Christopher, M.D. (Toronto, 1891)	1894
Betts, Beatrice Berenice, B.A.	1933	†Bollen, Derek Willoughby, LL.B.	1951
Betts, William James, M.B., B.S.	1941	Bollen, Kenneth Willoughby, M.B., B.S.	1918
Bevan, Medhurst Llewellyn Willett, LL.B.	1931	Bond, Leonard Gordon, B.A.	1924
†Beverley, David William Ernest, B.E.	1951	Bone, Maxwell Harold, B.A.	1938
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	†Bonner, Brian Christopher, B.Sc.	1950
Beviss, Archibald Charles Kidman, B.A.	1943	Bonnin, James Arthur, M.B., B.S.	1946
Biaggini, Ernest Gordon, D.Litt.	1944	Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936)	1947
Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	1920	Bonnin, Lansell, M.B., B.S.	1941
Bickford, Reginald Nevill Cudmore, M.B., B.S.	1935	Bonnin, Murray Frew, LL.B.	1936
Biddle, Enid Barbara, B.A.	1948	B.A.	1947
†Biddle, Gordon Crawford, B.Sc.	1950	Bonnin, Noel James, M.S. (M.B., B.S., 1932)	1944
Bidstrup, Patricia Leslie, M.B., B.S.	1939	Bonython, Charles Warren, B.Sc.	1938
Billing, Geoffrey Chandos, B.A.	1922	Bonython, John Langdon, B.A. (Cambridge, 1928)	1928
Billitzer, Anthony Wolfgang, B.Sc.	1943	Booker, Robert Franklin, M.A.	1931
Bills, Allan Maynard, B.A.	1931	Boomsma, Clifford David, M.Sc.	1949
†Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Booth, Edward Stirling, B.Sc.	1932
†Bills, David Charles, B.Sc.	1950	Booth, Jean Marie, Mus.Bac.	1944
Bills, Lawrence McAusland, LL.B.	1937	Boothby, Charles Brinsley, LL.B.	1886
Bills, Malcolm Bruce, B.D.S.	1947	Borrow, Keith Travers, LL.B.	1939
Bilney, Neil Joseph, B.A.	1938	Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937)	1947
Binns, Raymond Thomas, M.D. (M.B., B.S., 1923)	1937	†Bosher, Peter Abel, B.E.	1950
Birch, John Bright, M.B., B.S.	1915	Bosher, Victor James Marcel, M.Sc.	1949
Birch, Louis Charles, D.Sc.	1949	Bosworth, Richard Charles Leslie, D.Sc.	1938
†Birdseye, Sydney Alick, M.B., B.S.	1951	Bosworth, Richard Leslie Eugene, B.Sc.	1901
Birks, Peter Macintyre, M.B., B.S.	1934	†Botham, John Robert, B.Ag.Sc.	1950
Birks, Walter Gordon, M.B., B.S.	1937	†Botten, Robert Gray, M.B., B.S.	1949
Birks, Walter Richard, B.Sc.	1910	Boucaut, James Penn, LL.B.	1939
Black, Edward William, Mus.Bac.	1925	Boundy, Clive Alfred Paul, B.E.	1935
Black, Eustace Couper, M.B., B.S.	1910	Boundy, Rex, B.E.	1923
Black, Geoffrey Howard Barham, M.B., B.S.	1916	†Boundy, William Stevenson, B.Sc.	1950
†Black, Nancy Helen Barham, M.B., B.S.	1951	Bourke, Elma Marie, B.A.	1933
Blackburn, Arthur Seaforth, LL.B.	1913	Bourke, George Herbert, B.A.	1924
Blackburn, Sir Charles Bickerton, B.A.	1893	Bourke, Herbert Merwin, M.B., B.S.	1922
Blackburn, Harold Stewart, M.B., B.S.	1942	†Bourne, Malcolm Cornelius, B.Sc.	1949
Blackburn, John Stewart, B.A.	1914	†Bowden, Kevin Benjamin, B.E.	1951
†Blackburn, Margaret Alison, B.A.	1951	Bowering, Beryl, M.B., B.S.	1933
Blackburn, Richard Arthur, B.A.	1939	Bowering, Owen Wheatley, M.B., B.S.	1937
		Bowes, Colin Robert, B.Sc.	1945
		Bowes, Donald Ralph, M.Sc.	1948
		†Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
		Bowler, Ross Richard, M.B., B.S.	1948
		Bowler, John Kirkpatrick, M.B., B.S.	1937
		Bowness, Alexander, B.E.	1947
		Boyce, Althea Enid, B.A.	1930

† Not yet Members of the Senate.

Boyce, Sidney Herbert, B.E. - - -	1928	Brown, Cyril Maitland Ash, B.A. - - -	1932
Boyle, Kevin William, B.E. - - -	1940	Brown, Dougal Hamilton, B.E. - - -	1948
Boyle, Lester Robert, M.D.S. (B.D.S., 1943) - - -	1947	Brown, Enid Norma, B.A. - - -	1939
Bracken, Maurice John, B.A. - - -	1947	Brown, Ernest William, D.Sc. (Cambridge, 1897) - - -	1914
Braddock, Lyall Arthur, B.Ec. - - -	1944	Brown, Frederick George, B.A. (London, 1898) - - -	1906
Braden, Allan Walter Horace, B.Sc. - - -	1947	B.Sc. - - -	1910
Bragg, Sir William Lawrence, B.A. - - -	1908	Brown, Geoffrey Ivan, B.D.S. - - -	1946
†Brame, Alan John Fisher, B.E. - - -	1951	†Brown, Geraldine Whittle, B.Sc. - - -	1949
Bramwell, Myra Gladys, B.A. - - -	1940	Brown, Henry, M.A. - - -	1924
†Brandstater, Bernard John, M.B., B.S. 1951	1951	B.Ec. - - -	1936
†Brandstater, Rhona, B.Sc. - - -	1949	Brown, Howard Arthur, B.E. - - -	1938
Branson, Harrold Randolph, M.B., B.S. 1921	1921	Brown, Ian, B.Sc. - - -	1940
†Brasch, Leonard William, B.Sc. - - -	1950	Brown, James Howard, M.B., B.S. - - -	1944
Brauer, Edwin Harold, B.A. - - -	1947	†Brown, John Arthur Stacy, B.Sc. - - -	1951
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899) - - -	1905	†Brown, Kenneth Aylesbury, B.D.S. - - -	1950
Braunthal, Norman Frank, B.Ec. - - -	1947	Brown, Kenneth Barnden, M.B., B.S. - - -	1942
Brawn, May, M.A. - - -	1924	Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.) 1946 surrendered) - - -	1948
†Bray, Andrew Mackie, B.E. - - -	1950	Brown, Mary Home, B.Sc. - - -	1902
Bray, Elva Mildred, B.A. - - -	1941	Brown, Reginald Dutton, B.Ec. - - -	1945
Bray, Gildart Harvey, M.A. (Aberdeen, 1890) - - -	1891	Brown, Robert Foster, LL.B. - - -	1936
†Bray, Isabel Mary, B.Sc. - - -	1951	†Brown, Ross Alvarez, M.B., B.S. - - -	1951
Bray, John Jefferson, LL.D. - - -	1937	†Brown, Tasman, B.D.S. - - -	1950
Bray, John Marmion, B.Sc. - - -	1942	Brown, Warwick Day, B.Sc. - - -	1944
†Bray, Robert Stow, B.Sc. - - -	1950	Browne, John Walter, M.B., B.S. (Royal Ireland, 1900) - - -	1908
Bray (nee Trengove), Rosalie Irene, M.A. - - -	1930	Browne, Philip, M.A. - - -	1928
†Bray, William Harry, LL.B. - - -	1951	Browne, Thomas John, LL.D. - - -	1917
Brazel, James Francis, LL.B. - - -	1926	†Brownell, Peter Ferguson, B.Ag.Sc. - - -	1951
Brazier, John Richard, B.A. - - -	1948	†Browning, Thomas Oakley, B.Sc., 1949 Ph.D. - - -	1951
Breakwell, Ernest James, M.Ag.Sc. (B.Sc. Agric., Sydney, 1931) - - -	1939	†Bruce, Clifford Roy, B.A. - - -	1949
†Breachley, Keith Lisle, B.Sc. - - -	1951	Bruce, The Right Honourable Stanley Melbourne, LL.D. (Cambridge, 1923) - - -	1926
Brebner, Charles Cave, LL.B. - - -	1918	Brummitt, Donald William, M.B., B.S. - - -	1938
†Brebner, Donald Malcolm, LL.B. - - -	1951	†Bryan, Claude John Dennis, M.B., B.S. - - -	1950
Bree, Ellen Ruth, B.A. - - -	1942	Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.) 1947 surrendered) - - -	1948
Bree, Joan Alison, B.Sc. - - -	1948	†Buckley, Joseph Edward, B.Sc. - - -	1950
†Brett, Horace William Walter, B.Sc. - - -	1951	Buckett, Reginald Clement, B.E. - - -	1931
Brice, Emilie Una, B.A. - - -	1937	†Bulbeck, Francis Paul, B.E. - - -	1951
†Brice, John Marshall, B.Sc. - - -	1951	Bull, Winnifred, B.A. - - -	1943
Bridson, Hedley Cyril, B.A. - - -	1943	Bulling, William John, B.E. - - -	1939
Bridgland, Milton Deane, B.Sc. - - -	1942	Bullock, John Hynam, B.E. - - -	1936
Bridgland, Reginald James, M.E. - - -	1935	†Bundey, David Hamilton, B.E. - - -	1951
Bridgen, James Bristock, B.A. (Oxford, 1920) - - -	1926	Bundey, John Goode, M.B., B.S. - - -	1947
Bright, Charles Hart, B.A. - - -	1934	†Bunney, Bronte Rowland, B.Sc. - - -	1951
LL.B. - - -	1934	†Burdett, John Charles, LL.B. - - -	1951
†Brindal, Rosemary Barbara, M.B., B.S. 1949	1949	Burdon, Ella Kate (nee McRostie), B.A. - - -	1915
†Brisbout, John Augustus Roger, M.B., B.S. - - -	1950	†Burdon, Geoffrey Jasper, B.E. - - -	1949
Broadbent, Eric Elihu, M.B., B.S. - - -	1917	Burdon, Ivor Leslie, B.A. - - -	1943
†Brook, Rex Richard Ashby, M.B., B.S. 1949	1949	†Burdon, Kenneth Roy, M.B., B.S. - - -	1949
Brocksopp, John Ernest, LL.B. - - -	1934	Burdon, Roy Stanley, D.Sc. - - -	1935
Brockway, George Ernest Emerson, B.Sc. - - -	1921	Burfield, Arthur, B.A. - - -	1934
†Brokensha, Peter, B.E. - - -	1950	Burfield, Lance Samuel, B.E. - - -	1940
Bromfield, Donald Hamilton, M.B., B.S. - - -	1946	Burford, Warren Lindsay, B.Sc. - - -	1945
Bronner, Rudolph, M.A. - - -	1926	Burger, George Emanuel, M.Sc. (Ph.D., Vienna, 1927) - - -	1940
†Brook, Donald Leslie, B.E. - - -	1949	Burgess, Annie Frances, B.A. - - -	1909
Brooke, Joyce Ethel, M.Sc. - - -	1939	Burgess, Leslie Frank, B.Sc. - - -	1908
Brooke, Malcolm Archibald, B.E. - - -	1925	Burgess, Norman Cecil, B.E. - - -	1923
Brooke, William Charles Robert, B.E. 1931	1931	Buring, Franz Maurice, B.E. - - -	1923
Brookman, Benjamin Edward, M.B., B.S. - - -	1944	Buring, Rupert Hermann Maurice, B.Sc. - - -	1929
†Brookman, Graham George, B.E. - - -	1949	Burnard, David Alexander, Mus.Doc. - - -	1932
Brookman, John Gordon, B.E. - - -	1937	Burnard, Donald Frank, B.E. - - -	1935
Brookman, John Ragless, M.E. - - -	1925	Burnard, Patricia de Garis, B.A. - - -	1938
Brooks, Albert Joseph, B.A. - - -	1904	Burnard, Renfrey Gershom, M.B., B.S. 1904	1904
†Brooks, Brian John, B.E. - - -	1951	Burnard, Richard de Garis, M.B., B.S. 1937	1937
Brooks, George Herbert, B.Sc. (Eng.) - - -	1943	Burnell, Arthur William, M.B., B.S. - - -	1943
Brooks, Joyce Dardanella, B.A. - - -	1945	Burnell, Glen Howard, M.D. (M.B., B.S., 1916) - - -	1920
Brooks, Merle Olive, B.A. - - -	1947	Burnell, Reginald George, B.A. - - -	1905
Brooks, Mervyn Leslie, B.Sc. - - -	1948	Burnett, Baltimore Edward Thackeray, B.A. - - -	1937
Brooks, Richard Rodney, B.E. - - -	1935	†Burnett, Leonard Ward, B.E. - - -	1949
Broomhead, Edwin Norman, M.A. - - -	1940	†Burnham, Mary Elizabeth, B.A. - - -	1951
Brose, Henry Herman Leopold Adolph, D.Sc. - - -	1931	Burns, Chester Arnold, B.D.S. - - -	1929
Brous, Michel, M.B., B.S. - - -	1945	Burns, John Cumming, B.D.S. - - -	1926
Brown, Arthur Cubitt, B.E. (B.Sc., 1911, surrendered for B.E., 1914) - - -	1914	Burns, Mary Leonora, M.A. - - -	1931
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge) - - -	1926		

† Not yet Members of the Senate.

Burns, William Middleton, LL.B. - -	1920	Carman, Robert Douglas, M.S. (M.B., B.S., 1939) - - - -	1948
†Burnside, James Patrick, B.Sc. - -	1950	Carman, Stephen Hewett, LL.B. - -	1936
Burrage, Betty Dalmahoy, B.Sc. - -	1944	Carmen, Noel Francis, B.A. - - -	1947
Burrell, Edward Sampson, B.D.S. - -	1940	†Carmichael, Donald Ross, B.A. - -	1950
Burrow, Allan Lincoln John, B.Sc. - -	1937	Carne, Alfred George, B.A. - - -	1912
†Burrow, John Francis, B.D.S. - - -	1951	Carne, Ian Hamilton, B.E. - - -	1940
Burston, Robin Archibald, M.B., B.S.	1943	Carr, Emma Lucy, B.A. - - - -	1917
Burston, Samuel Roy, M.B., B.S. (Melbourne, 1910) - - - -	1930	Carroll, Mary Philomena, B.A. - -	1933
Burton, Alice Madge, M.A. - - - -	1931	Carlsaw, Horatio Scott, D.Sc. (Sc.D., Cambridge, 1908) - - - -	1926
Burton, Dudley Hopetoun, B.A. - - -	1938	Carter, Charles Robert, B.Sc. - - -	1947
Burton, Maxwell Victor, B.Ag.Sc. - -	1950	†Carter, Edward Diment, B.Ag.Sc. - -	1949
Burton, Nancy Glen, B.A. - - - -	1932	Carter, Elizabeth Reay, B.A. - - -	1942
Burwill, George Henry, M.Ag.Sc. (B.Sc. Agric., Western Australia, 1931) -	1939	Carter, Frank Killingbeck, B.Sc. - -	1922
Butcher, Alan Edward, B.A. - - - -	1931	Carter, Ida Jane, B.A. - - - -	1918
Butler, Frederick Stanley, M.A. - - -	1893	Carter, Maxwell John, B.Sc. - - -	1948
†Butler, James Mortimer, B.Sc. - - -	1951	†Carter, Maurice Vernon, B.Ag.Sc. -	1951
Butler, Kathleen Fiona, B.A. - - - -	1944	†Carthew, Allen Rex, B.Sc. - - - -	1949
Butler, Peter Forsythe, M.Ag.Sc. - -	1951	Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - -	1947
Butler, Stuart Thomas, M.Sc. - - - -	1948	Carthew, Lancelot, B.A. - - - -	1932
Butler, William Henry, B.Sc. - - - -	1931	Cartledge, Jack Pickering, LL.B. - -	1921
†Butterworth, Boyd Robert, M.B., B.S.	1951	Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) -	1947
Butterworth, Clarence Gerald Roy, B.A.	1929	Cashmore, Alec Brooke, M.Sc. - - -	1938
†Buttsworth, Peter Walter, B.E. - - -	1951	Cashmore, George Herbert, M.B., B.S.	1927
Buttery, Roland Richard, LL.B. - - -	1924	Cashmore, Helen Patricia, B.A. - -	1948
Button, Reginald Ernest, B.E. - - -	1934	†Casling, Reginald Herbert, B.E. - -	1951
Buttrose, Ian, LL.B. - - - -	1918	Casson, Leslie Frank, M.A. - - - -	1928
Byard, Douglas John, B.A. (Oxford, 1882) - - - -	1889	Casson, Paul Bevis, B.Sc. - - - -	1935
Byles, Baldur Unwin, B.Sc. - - - -	1925	Catchlove, Sydney George Leyland, M.B., B.S. - - - -	1907
Byrne, Alfred Dudley, M.B., B.S. - -	1927	†Causby, Donald James, B.E. - - - -	1950
†Byrne, Bernadette Marie Therese, B.A.	1950	†Caut, David Kennings, M.B., B.S. -	1946
C			
Cahalan, Maurice James, B.Sc. (Eng.)	1945	†Caut, Leslie George William, B.A. -	1921
Cairns, Hugh William Bell, M.D. (Oxford) (M.B., B.S., 1917) - - - -	1948	Cavalier, Herbert Ramsden, M.A. (Oxford, 1902) - - - -	1931
†Calder, David Everard, B.E. - - - -	1949	†Cawdle, Robert Ferris, B.E. - - - -	1951
Calder, Rex Finlayson Cormack, B.E.	1927	Cawte, Frederick George Nelson, B.A.	1943
†Calder, Ronald Rex, B.E. - - - -	1950	†Cawte, John Ewart, M.B., B.S. - -	1949
†Calder, Shirley Hilda, M.B., B.S. - -	1950	Chalklen, Gwendoline Elizabeth, B.A.	1930
Caldicott, Emma Victoria, B.A. - - -	1927	Chamberlain, Reginald Roderic St. Clair, LL.B. - - - -	1922
Caldwell, Hilda Valmai, B.Ec. - - -	1941	Chambers, William Charles Teesdale, M.B., B.S. - - - -	1942
Camens, Ivan Maurice Henry, M.B., B.S. - - - -	1947	Champion de Crespigny, Sir Constantine Trent, M.D. (Melbourne, 1906)	1913
†Cameron, Ian Edmund, LL.B. - - - -	1950	Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930) - - - -	1933
Cameron, Robert Ewen, B.A. - - - -	1921	Chandler, Arthur James, M.B., B.S. -	1927
Cameron, Roy James, M.Ec. - - - -	1951	Chapman, Arthur Horsley, B.E. - - -	1927
Campbell, Allan Gordon, M.S. (M.B., B.S., 1938) - - - -	1950	Chapman, Ernest Stirling, B.D.S. - -	1928
Campbell, Archibald Herbert, B.A. - -	1925	Chapman, Frank Hewett, LL.B. - - -	1930
Campbell, Archibald Way, M.B., B.S.	1896	Chapman, John Marsden, B.A. - - -	1934
Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889) - - - -	1889	Chapman, Robert Hall, M.E. (B.Sc., 1910, surrendered for B.E., 1913)	1921
Campbell, Donald, LL.B. - - - -	1911	Chapman, Stanley Bertram, B.Sc. - -	1931
Campbell, Florence Way, Mus.Bac. - -	1897	B.E. - - - -	1934
Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - -	1947	Chapman, William Glanville, B.E. -	1935
Campbell, Gordon Cathcart, B.A. - - -	1906	†Chappell, John Graham, B.Sc. - - -	1950
LL.B. - - - -	1909	Chapple, Alfred, B.Sc. - - - -	1894
Campbell, James Way, B.A. - - - -	1903	Chapple, Colin Frederic, M.B., B.S.	1936
LL.B. - - - -	1905	Chapple, Harold, B.Sc. - - - -	1900
Campbell, Jessie, B.A. - - - -	1908	Chapple, Phoebe, B.Sc. - - - -	1898
Campbell, Jessie, B.A. - - - -	1929	M.B., B.S. - - - -	1904
Campbell, Kenneth Bruce Desmond, B.E. - - - -	1931	Chard, June Myra, M.B., B.S. - - -	1947
Campbell, Thomas Draper, D.D.Sc. (B.D.S., 1921) - - - -	1923	Charlesworth, Thomas William, M.A.	1932
D.Sc. - - - -	1939	†Chartres, Bruce Aylwin, B.Sc. - - -	1950
†Canaway, Geoffrey Watson, B.E. - - -	1951	†Cheek, Allison Mary, B.A. - - - -	1949
Cannell, Cedric James, B.Sc. - - - -	1931	Cheek, Bruce Mansfield, M.A. - - -	1949
B.A. - - - -	1943	Cheek, Donald Brook, M.B., B.S. - -	1947
Canney, Richard Francis, M.A. - - -	1922	Cheek, Nancy Olive, M.B., B.S. - -	1942
B.Sc. - - - -	1926	Cheesman, Graham Frank, M.B., B.S.	1946
†Canning, Albert Edward, B.E. - - - -	1949	†Chennell, John Gordon Peake, B.Sc. -	1951
Canny, Nicholas Joseph, B.Sc. - - -	1947	Cherry, Aileen Percival, B.A. - - -	1934
Cant, Alistair McKinnon, B.A. - - -	1939	M.B., B.S. - - - -	1949
Cant, Harry Arundale, B.Sc. - - - -	1924	Cherry, Alan Percival, M.B., B.S. -	1941
†Cant, Rodney Revett, B.Ag.Sc. - - -	1949	Cherry, Edward Percival, M.B., B.S.	1938
Carey, Edward John, B.Ec. - - - -	1946	Chester, Harry Leonard, M.B., B.S. -	1925
Carey, Francis Clive Savill, Mus.Bac. (Cambridge, 1906) - - - -	1924	†Chester, Leonard Raymond, B.Sc. - -	1951
Carlin, Cyril Brooke, M.B., B.S. - - -	1926	†Chesterman, Harry Martin, B.E. - -	1950
		Chibnall, Helen, B.Sc. - - - -	1944
		Chick, John Bertram, B.Sc. - - - -	1948

† Not yet Members of the Senate.

Chignell, Arthur Kent, B.A. - - -	1900	Cocks, Alec Douglas, B.D.S. - - -	1924
Child, Marie Beatrice, B.A. - - -	1926	Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925) - - -	1939
Chilman, Eliza Stewart, B.A. - - -	1930	Cocks, Edward Desmond, M.B., B.S. - - -	1942
Chinner, Beryl Esther, Mus.Bac. - - -	1947	Cocks, Sydney Gordon, B.D.S. - - -	1925
Chinner, Melville Ernest, M.D. (M.B., B.S., 1925) - - -	1938	†Coggins, Harold Douglas, B.Sc. - - -	1951
†Chittleborough, Jeffrey David, B.Sc. - - -	1951	†Coggins, Robert Symes, B.Sc. - - -	1949
Chittleborough, Laurel Evelyn, B.A. - - -	1947	Coghlan, Marie Teresa Clare, B.A. - - -	1928
Chittleborough, Robert Graham, B.Sc. - - -	1948	†Cohen, Alexander Kevin, M.B., B.S. - - -	1950
†Choate, Max Paul, B.A. - - -	1950	Cohen, Lena Sybil, B.A. - - -	1934
Christie, Margaret, B.A. - - -	1945	†Colby, Eunice Mary, B.Sc. - - -	1949
Christie, Patrick Joseph, LL.B. - - -	1925	Cole, Cyril Richard, B.Sc. - - -	1914
Christie, William, M.B., B.S. - - -	1925	†Cole, Reuben Herbert George, B.Sc. - - -	1950
Christophersen, Jack Vivian, B.D.S. - - -	1927	Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947
†Church, Jack Raymond, B.Sc. - - -	1949	Cole, Thomas Haslam, LL.B. - - -	1922
Church, John Henry, M.A. - - -	1934	Colebatch, Gordon Thomas, B.E. - - -	1932
†Church, Keith Neville, B.E. - - -	1951	†Colebatch, Hal John Hester, M.B., B.S. - - -	1951
Churchward, Spencer, M.A. - - -	1903	Colebatch, John Houghton, M.B., B.S. - - -	1933
Churchward, Stella Mary, B.Sc. - - -	1904	Colebatch, Walter John, B.Sc. (Edinburgh, 1903) - - -	1906
Ciento, Sir Raphael West, M.D. (M.B., B.S., 1918) - - -	1922	Coleman, Arthur Paul, B.E. - - -	1948
Clapp, Cedric Norman, B.D.S. - - -	1938	Coleman, Arthur Philemon, M.A. (Victoria University, Canada, 1880) - - -	1914
Clapp, Kevin Hubert, B.Sc. - - -	1947	Coleman, Isobel Beryl Jean, B.A. - - -	1939
Clark, Allan David Everett, B.A. - - -	1935	Coleman, Margaret Christine, B.A. - - -	1945
Clark, Annie Winifred, M.B., B.S. - - -	1922	Coles, Margaret Elizabeth, B.Sc. - - -	1945
Clark, Archie Septimus, B.Sc. - - -	1900	Coles, Mignonette, B.A. - - -	1912
Clark, Edward Vincent, B.Sc. - - -	1895	Coles, Philip Douglas, B.A. - - -	1936
Clark, Helen Goldthorp, M.Sc. - - -	1948	Collins, Charles Vincent, B.A. - - -	1931
†Clark, Henry William, B.A. - - -	1951	†Collins, Frank Miles, B.Sc. - - -	1950
Clark, Hugh Rodney, M.E. - - -	1938	Collins, Frank Sandford, B.E. - - -	1942
Clark, John Francis, B.D.S. - - -	1922	Collins, Leslie William Nettell, B.E. - - -	1931
Clark, John Osborne, LL.B. - - -	1941	Collins, Marjorie Isabel, B.Sc. (Sydney, 1916) - - -	1918
†Clark, John Symonds, B.E. - - -	1951	Collison, Edith, B.Sc. - - -	1900
†Clark, Mary Patricia, B.A. - - -	1951	Colman, William Russell Goodwin, B.E. - - -	1922
Clark, Pauline, B.Sc. - - -	1948	Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929) - - -	1933
Clark, Robert John, LL.B. - - -	1933	Colton, John Blacker, LL.B. - - -	1941
†Clark, William Raymond, B.E. - - -	1951	Colton, Robert Stirling, M.B., B.S. - - -	1944
Clark, William Rodney, M.B., B.S. - - -	1944	Colville, Arthur Landseer, LL.B. - - -	1905
†Clarke, Andrew Michael Fausset, M.B., B.S. - - -	1951	Colville, John Stuart, B.Sc. - - -	1948
Clarke, Brian Russell, B.Sc. - - -	1945	Comley, Charles Herbert, M.A. - - -	1906
Clarke, Harold Vernon, B.D.S. - - -	1934	B.Sc. - - -	1910
Clarke, Miles de Courcy, M.B., B.S. - - -	1942	Conant, James Bryant, D.Sc. (Sc.D. Columbia) - - -	1951
Clarke, Phil Gregory, B.A. - - -	1948	Condon, Robert Francis, B.Sc. - - -	1940
Clarke, Reginald Harry, B.Sc. - - -	1938	M.B., B.S. - - -	1946
B.A. - - -	1942	Connor, John Leo, B.A. - - -	1935
Clarkson, Alan James, M.B., B.S. - - -	1934	Conybeare, William James, B.A. (Cambridge, 1894) - - -	1895
†Clarkson, Colin Lloyd, B.Sc. - - -	1950	Cook, Ernest Peter, B.E. - - -	1929
Clayton, Arthur Ross, M.B., B.S. - - -	1902	Cook, Gordon James, B.Ec. - - -	1941
Clegg, Edith, B.A. - - -	1921	Cooke, Allan George, B.E. - - -	1945
Cleland, Elizabeth Robson, M.Sc. - - -	1935	Cooke, Barbara Ternent, B.Sc. - - -	1936
Cleland, Joan Burton, M.Sc. - - -	1947	Cooke, Florence Emmeline, Mus.Bac. - - -	1900
Cleland, John Burton, M.B. (Sydney, 1902) - - -	1902	†Cooke, Frank Edward, B.Sc. - - -	1950
Cleland, Margaret Burton, M.B., B.S. - - -	1932	Cooke, Peter Ternent, B.Sc. - - -	1931
†Cleland, Michael Edward E., LL.B. - - -	1951	Cooke, Raymond Greayer, M.Sc. - - -	1938
†Cleland, Pamela Mary, B.A. - - -	1949	Cooke, William Ternent, D.Sc. - - -	1905
Cleland, Peter Fullerton, LL.B. - - -	1947	Cooling, Max Sylvester, M.B., B.S. - - -	1944
Cleland, William Paton, M.B., B.S. - - -	1934	Coombe, Alec Holloway, M.A. - - -	1933
†Clements, Trevor Murray, B.D.S. - - -	1950	Coombe, Bryan George, B.Ag.Sc. - - -	1948
†Clift, Lawrence Henry Marcus, B.A. - - -	1951	Coombe, Harold Robert, B.D.S. - - -	1923
Clode, Ailsa Marjorie, B.A. - - -	1928	Coombe, Murray Taylor, B.Sc. - - -	1942
Close, Frank William, B.Sc. - - -	1931	Coombe, Reginald Joseph, LL.B. - - -	1923
Close, Mary Frances, B.A. - - -	1940	†Coombe, Robert John, B.D.S. - - -	1950
Close, Maynard Davidson, B.A. - - -	1938	Coombe, Samuel Walter, B.A. - - -	1919
Close, Ronald Wilkinson, B.Sc. - - -	1929	Cooper, Adrian Harry Campbell, B.A. - - -	1935
Close, Rosemary Jocelyn, M.B., B.S. - - -	1947	Cooper, Constance May, M.B., B.S. - - -	1904
Close, Walter John Westcott, M.S. (M.B., B.S., 1913) - - -	1929	Cooper, Donald Counter, M.B., B.S. - - -	1921
†Coaldrake, John Edward, M.Sc. - - -	1951	Cooper, Kenneth Francis, M.B., B.S. - - -	1929
†Coates, Dorothy Ravelle, M.B., B.S. - - -	1949	†Cooper, Maxwell, B.Sc. - - -	1950
Coates, John Richard, M.B., B.S. - - -	1944	Cooper, Thomas Edwards, B.E. - - -	1922
Coats, Claude Hampson, M.A. - - -	1929	Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered for B.E., 1913) - - -	1913
Coats, Douglas Alan, M.B., B.S. - - -	1946	Cote, George Gilbert, B.Sc. - - -	1931
Coats, Geraldine Dulcie, B.Sc. - - -	1951	B.A. - - -	1939
†Cock, Alexa Beatrice, B.A. - - -	1921	Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - -	1948
Cock, Herbert Edward, B.D.S. - - -	1941	Corbin, Cecil, M.B., B.S. - - -	1894
Cock, Leonard Ambrose, M.B., B.S. - - -	1932	Corbin, Clive Wilson, B.E. - - -	1932
Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925) - - -	1934		
Cockburn, Patricia, B.A. - - -	1944		
Cockburn, Patrick, M.B., B.S. - - -	1914		
Cockburn, Robert Forbes, B.E. - - -	1933		
Cocks, Alan Malcolm Vawdrey, M.B., B.S. - - -	1946		

† Not yet Members of the Senate.

Corbin, Horace Hugh, B.Sc. (London, 1904)	1913	Crisp, Brian Correll, B.D.S.	1945
Corbin, John Ogilvie, M.B., B.S.	1933	Crisp, Charles Stephens, B.Sc.	1948
Corbin, Katherine Anne, LL.B.	1941	†Crisp, John Douglas Correll, B.E.	1950
Cormier, Kathleen, B.A.	1943	Crisp, Leslie Finlay, M.A.	1948
†Cornelius, Muriel Merle, B.A.	1951	Crisp, Margaret Emily, M.Sc.	1950
Cornell, James Gladstone, M.A. (Melbourne, 1928)	1938	Crocker, Dudley Furneaux, B.E.	1939
Corney, Eric Ronald, M.A.	1937	Crocker, Robert Langdon, D.Sc.	1948
Cornish, Alan Alfred Ernest, B.E.	1939	Crocker, Walter Russell, B.A.	1925
Cornish, Anne Claire, B.A.	1949	Croker, Annie Isobel, B.A.	1934
Cornish, Brian Leslie, M.B., B.S.	1947	Cromer, D'Arcy Ananda Neil, M.Sc.	1935
Cornish, Edmund Alfred, D.Sc.	1951	Crompton, David Owen, M.B., B.S.	1939
Cornish, Jack Rodolph, LL.B.	1928	Crompton, James Woodhouse, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1949
Cornish, John Edwin, B.Sc.	1943	Crompton, Robert Woodhouse, B.Sc.	1948
Cornish, Joseph Ruskin, M.B., B.S.	1923	Crook, Marjorie Marion, B.A.	1940
Corpe, John Wood, B.E.	1935	Crook, Richard Dallas, B.Sc.	1940
Corry, Samuel Lloyd, M.B., B.S.	1910	Cropley, Frederick Waterton, B.E.	1932
Cosgrove, Bernard Augustin, B.A.	1942	Crosby, Melville Alexander Keith, M.E.	1944
Cosh, Elma, B.A.	1944	Crosby, Neil Daniel, M.D. (M.B., B.S., 1935)	1951
Cosh, James Malthouse, B.A.	1943	Crosby, Raymond Wilbur Louis, M.B., B.S.	1940
†Cosh, Joyce Rosalind, B.A.	1949	†Croucher, Colin, M.B., B.S.	1950
Cottell, Dorothy Jean, B.A.	1940	Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945
†Cottew, Geoffrey Selkirk, B.Sc.	1949	†Crowe, Elizabeth Mary, B.A.	1951
Cotton, James Murray, M.B., B.S.	1926	Crozier, John Edwin Digby, M.D. (Cambridge, 1931)	1932
†Cotton, John Carrington, B.Sc.	1951	Cruickshank, Donella Heather, M.Sc.	1943
†Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Crump, Cecil Charles, LL.B.	1923
Cottrell, Eric, B.E.	1935	B.A.	1935
†Coulls, Brian Helston, B.Sc.	1950	*Cudmore, Sir Arthur Murray, M.B., B.S.	1894
†Counsell, Ruth Kingsley, B.A.	1951	Cudmore, Collier Robert, B.A. (Oxford, 1909)	1932
†Couche, Raymond Arthur, B.Sc.	1949	Cullity, Thomas Brendan, M.B., B.S.	1947
Coventry, Cameron Hilder, B.Sc.	1900	Culshaw, George Vincent, LL.B.	1927
Covernton, John Selby, M.D. (M.B., B.S., 1931)	1947	Culver, Dorothy Evelyn, B.Sc.	1945
Cowan, Darcy Rivers Warren, M.B., B.S.	1908	†Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Cowan, George Dalrymple, LL.B.	1911	B.Sc.	1949
Cowan, Leslie Thompson, B.Sc.	1907	Culver, Roy Vernon, B.Sc.	1940
Cowan, Robert Francis, B.A.	1912	†Curry, Allan Ralph, B.E.	1949
Cowan, Ronald William Trafford, B.A.	1936	Cussen, Nan Woodforde, B.A.	1935
Cowan, William Albert, M.A. (N.Z., 1930)	1934	Custance, Harold Maxwell, B.Sc.	1941
Coward, Ivan Fernley, B.Ec., 1940, B.A.	1951	Custance, John Kentish, B.E.	1947
Cowden, Kenneth Laurence Brooke, M.B., B.S.	1932		
Cowell, Dorothy Margaret, B.A.	1941	D.	
Cowell, Geoffrey Reginald, B.Sc.	1922	Dack, Thomas, B.A.	1936
Cowell, James Richard, B.A.	1939	Daddow, Henry Howard, B.A.	1940
†Cowley, George Russell, B.E.	1949	†Daenke, Lachlan Lewis, B.D.S.	1950
Cowley, John Maxwell, M.Sc.	1945	Dallwitz, Walter Berthold, B.A.	1940
Cowling, Brian Deucalion, M.B., B.S.	1948	M.Sc.	1943
Cowling, Gordon Aubrey, B.E.	1928	Daltry, Kate, M.A.	1924
Cowling, Lionel Deucalion, M.B., B.S.	1923	†Daly, Lawrence John, B.E.	1951
Cowperthwaite, Elsie Eleanor, M.A.	1906	†Dalziel, Lawrence Henry, B.A.	1949
Cox, Alwyn Birchmore, M.Sc.	1932	†Daniell, Aileen Edna, B.A.	1950
Cox, Carlton Ingham, B.Sc.	1929	Darling, Leslie Hayward, M.Sc.	1949
Cox, David Vassall, Mus.Bac.	1936	†Darragh, Peter John, B.Sc.	1950
Cox, David William, B.Sc.	1934	Dart, Ralph John, B.E.	1915
†Cox, Norman Charles, B.E.	1951	Darwin, Errol Raffael Henry, B.Sc.	1907
Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	Darwin, Lisle Julius, M.A.	1910
Cox, Rudolph William Arthur, B.E.	1921	Davey, Constance Muriel, M.A.	1918
Crabbe, Gavin Murray, M.B., B.S.	1927	Davey, Esther Marion, B.Sc.	1915
Crafter, Kenneth Charles, M.B., B.S.	1944	Davey, Laurence Llewellyn, M.B., B.S.	1913
†Craig, William Alexander, B.E.	1950	Davey, Roy Herbert, B.Sc.	1920
†Craker, David Lindsay, B.Sc.	1951	David, Daniel Arthur, M.A.	1930
Cramond, Kelvin Malcolm (Interim B.Sc. (Eng.), 1942, surrendered), B.E.	1945	†Davidson, Robert Thomas, M.B., B.S.	1951
Crampton, Mary Hope St. Clair, M.A.	1926	Davidson, Roy Laidlaw, B.A.	1907
Cran, James Alexander, B.D.S. (B.D.Sc., Queensland, 1936)	1949	Davies, Clive Runnalls, B.A.	1909
Crane, Alexander Herbert, B.Sc.	1926	Davies, David Llywelyn, M.B., B.S.	1943
Crane, Greta Ruby, B.Ec.	1937	†Davies, Donald Laurence, B.E.	1951
Craton, Patricia Clarice, B.A.	1948	Davies, Ernest Salter, M.A. (Oxford)	1937
Craven, David Edward, M.B., B.S.	1943	*Davies, Natalia, B.A.	1930
Crawford, Lionel Payne, M.A. (Oxford, 1890)	1897	Davies, Peter Owen Alfred Lawe, B.E. (Sydney, 1947)	1951
†Creed, Philip John, M.B., B.S.	1950	†Davies, Rodney Deane, B.Sc.	1950
Cresswell, Edwin Fletcher, B.E.	1927	Davies, Sheila Caroline, B.A.	1948
Cresswell, George Edwin, LL.B.	1939	Davies, William Laurence, B.A.	1914
Cresswell, Reginald Gilbert Dorrien, LL.B.	1937	Davis, Christine Joyce, B.A.	1937
		†Davis, Clive, B.Sc.	1951
		Davis, David, B.A.	1906
		†Davis, Edward Bruce, B.Sc.	1949
		Davis, Harold Julian, M.B., B.S.	1927

\* Deceased.

† Not yet Members of the Senate.



Davis, Henry Hargan, B.E. (Sydney, 1943)	1947	†Doman, Frederick Spencer Howe, M.B., B.S.	1949
Davis, Hubert Garth, M.B., B.S.	1937	Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agric. Sydney, 1933)	1939
Davis, John Alexander, B.E.	1929	Donaldson, Arthur, B.A.	1881
†Davis, Kingsley, B.E.	1950	Donaldson, George, B.A.	1882
Davis, Ray, B.Sc.	1915	Donaldson, Muriel Grace, B.A.	1934
Davis, Robert Bruce, B.A.	1948	Donnellan, Teresa Marie, B.A.	1945
†Davis, Robert George, B.Sc.	1951	Donnelly, Thomas Hewson, M.B., B.S.	1937
Davison, Gordon William, B.A.	1931	Donnelly, Thomas Hugh, M.B., B.S.	1911
Davoren, John Joseph, LL.B.	1922	Donnithorne, William, LL.B.	1926
†Davy, Arthur Francis, B.D.S.	1951	Donovan, Mortimer Edward, M.B., B.S.	1946
Daw, Francis Alan, B.Sc.	1945	Doolan, Ernest Joseph, B.A.	1944
Dawbarn, Mary Campbell, M.Sc.	1928	†Doolette, John Barton, B.Ag.Sc.	1951
Dawkins, Albert Norman, B.E.	1922	†Dore, Frederick Arthur, B.Sc.	1951
Dawkins, Alec Letts, M.B., B.S.	1927	†Dorman, David Charles, B.Sc.	1950
Dawkins, Alfred Ernest, B.Sc.	1912	Dorman, John Ernest, M.B., B.S.	1940
Dawkins, Donald Campbell, M.B., B.S.	1939	Dornwell, Edith Emily, B.Sc.	1885
Dawkins, Lindsay Cramp, B.E.	1932	Dorsch (nee Heyne), Agnes Marie Johanna, B.A.	1891
Dawkins, Margaret Ina, B.A.	1938	Dorsch, Ernst Georg, B.A.	1915
Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899)	1920	Dorsch, Ida Margarete, B.A.	1926
Dawson, Alfred Lisle, B.Sc.	1926	Dorsch, Magdalene Hedwig, B.A.	1926
Dawson, David Lancelot, B.A.	1934	Dorsch, Theodor Siegfried, B.A.	1933
Dawson, Geoffrey Dean, B.E.	1937	Dorsch, Wilhelm Bernhard, M.B., B.S.	1933
Dawson, Joseph Bernard, M.D. (London, 1911)	1920	Doudy, Cecil Roy, LL.B.	1906
Dawson, Michael Dean, M.B., B.S.	1942	†Douglas, Donald Robin, B.Sc.	1949
Day, Alison Chapman, B.Sc.	1947	Douglas, Francis John, M.B., Ch.B. (Melbourne, 1897)	1898
Day, Allan John, M.Sc.	1950	Douglas, Hugh Matheson, M.B., B.S.	1947
†Day, Graham John, B.D.S.	1951	Douglas, Robert Langton, M.A. (Oxford, 1891)	1900
Day, John Bice, B.D.S.	1944	Douglas, Sholto John, M.B., B.S.	1930
Day, Kathleen Emily, B.Sc.	1931	†Dow, William Harold John, B.Sc.	1949
Day, Robert Sydney, M.B., B.S.	1934	†Dowding, Alan Lorimer, B.Sc.	1950
Deam, Robert Joseph, B.Sc.	1942	Dowdy, Norman James, B.A.	1948
Deans, Absalom, B.A.	1912	Dowie, David Lincoln, M.E.	1935
Dearlove, Thomas Pearce, M.B., B.S.	1942	Dowling, Donald Augustus, M.B., B.S.	1923
†Dearman, Cyril Henry, B.E.	1950	Downey, Donnell Raymond, LL.B.	1930
De Boehme, Cecil Brooks, LL.B.	1931	Downing, Donald Lewis, B.Sc.	1944
De Ceann, Neil, B.E.	1951	Downs, Benjamin, M.E. (Liverpool, 1947)	1949
Deer, John Gregory, B.Sc.	1948	Downs, George William, B.A.	1947
†Deer, William Henry, B.E.	1950	Downs, Howard Albert, B.A.	1949
Deland (nee Robjohns), Annie Joan, B.A.	1923	Doyle, Leo James, LL.B.	1931
Deland, Charles Mervyn, M.B., B.S.	1924	Drabsch, Alfred Felix, B.A.	1941
Deland, Raymond John, B.Sc.	1947	Draper, Fred, B.Sc.	1924
†Dellow, Peter Glynn, B.D.S.	1949	Draper, Morrell Henry, M.B., B.S.	1944
Delmont, William George, B.D.S.	1932	Drever, Donald Edward, M.B., B.S.	1926
Delprat, Lica, M.B., B.S.	1910	†Drever, Ian Campbell, M.B., B.S.	1951
Delprat, Mary Johanna Alberta Theodora, M.B., B.S.	1909	Drew, Charles Francis, M.B., B.S.	1911
Dempsey, Richard Francis, LL.B.	1888	Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
†Denby, Ernest Frank, B.Sc.	1951	†Drew, Michael John Roskilly, M.B., B.S.	1951
Dennis, Alan Henry, B.A.	1936	Dridan, Julian Randal, B.E.	1922
†Dennis, Edwin, B.Sc.	1950	Driscoll, Hilda Marion, B.A.	1908
†Denis, William Norman, B.Sc.	1951	Drummond, Euphemia Gibb, B.A.	1923
Denton, Noel Fletcher, M.B., B.S.	1945	Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Derrington, Arnold Ward, M.B., B.S.	1947	†Ducray, Suzette Eleanor, M.B., B.S.	1949
Devaney, Helen, LL.B.	1942	Duffield, Kenneth Churchill, LL.B.	1925
de Vidias, Jack, M.B., B.S.	1938	†Duffy, Ross Martin, LL.B.	1951
†Dewar, Colin Chudleigh, M.B., B.S.	1949	Duguid, Charles, M.B., B.S. (Glasgow, 1909)	1920
Dewar, John, B.Sc. (Eng.)	1945	Duguid (nee Lade), Phyllis Evelyn, B.A.	1925
†Dickson, Warren, B.A.	1949	Duguid, William George, M.B., B.S.	1948
Dibden, Frederick Andrew, M.B., B.S.	1941	Dumas, Russell John, M.E. (B.Sc. 1909, surrendered for B.E., 1913)	1931
Dibden, William Andrew, M.B., B.S.	1939	Duncan, James Playford, B.E.	1941
Dick, Gordon Stuart Blyth, B.Sc.	1923	Duncan, Keith Sinclair, B.E.	1922
Digance, James Roy, B.A.	1945	†Duncan, Robert Allan, B.Sc.	1951
Diggle, John Nelson, M.B., B.S.	1946	†Duncan, Robert Lawrence, B.E.	1951
†Dilworth, Nerida Margaret, M.B., B.S.	1950	†Duncan, Ross, B.A.	1949
†Dineen, John Kenneth, B.Sc.	1951	Duncan, Walter George Keith, Ph.D. (London, 1930)	1951
Dinning, Alfred Ernest, B.A.	1915	Duncan-Hughes, John Grant, M.A. (Cambridge, 1910)	1910
†Dinning, Rodney Alfred Brady, B.A.	1950	Dungev, Kevin Leonard, B.A.	1943
Dinning, Trevor Alfred Ridley, M.B., B.S.	1942	Dunhill, Sir Thomas Peel, M.D. (Melbourne, 1906)	1935
Disher, Ian MacKinnon, B.D.S.	1943	Dunlevie, Ellen Emily, B.A.	1927
Dix, Alfred James, B.E.	1930		
Dixon, Lyall Douglas, M.A.	1931		
Dobson, Lesbia Constance Alma, B.A.	1947		
Dodd, Leslie, B.A.	1947		
Dodd, Robert Hedley, B.A.	1931		
Dodwell, George Frederick, B.A.	1905		
Dohnt, Brian Ray, B.Sc.	1945		
Doley, Maurice Edward, B.E.	1939		
†Dolling, Charles Hoani Scott, B.Ag.Sc.	1951		
†Dolling, Eleanor Ngairé, B.Sc.	1950		

† Not yet Members of the Senate.

†Dunn, David Everson, M.B., B.S.	1951	Ellis, Frank, B.E. (B.Sc., 1907, surrendered for B.E., 1913)	1913
Dunn, Edith Marie, B.A.	1940	M.A.	1913
Dunn, Sydney Stephen, B.A.	1947	Ellis, Howard John, M.B., B.S.	1946
Dunn, Talbot Lewis, M.B., B.S.	1927	Ellis, Ronald Dudley, B.E.	1947
Dunne, Lawrence John, B.Sc.	1947	Ellis, Roy Gilmore, B.D.S.	1926
Dunning, John Angus, M.A. (Oxford, 1937)	1950	Emery, Warren Frederick, M.B., B.S.	1946
†Dunstan, Bruce Henderson, B.D.S.	1951	England, Clarence William, M.B., B.S.	1925
†Dunstan, Donald Allan, LL.B.	1949	†England, Ernest James, M.B., B.S.	1951
†Dunstan, Ian Henderson, B.D.S.	1950	England, Harold Norman, B.Sc.	1925
†Dunstan, Richard English, M.B., B.S.	1951	England, Harry Clement, B.E.	1930
Dunstone, Glen Donald, B.D.S.	1946	Erichsen, Matthias, M.B., B.S.	1903
Dunstone, John Leonard, M.B., B.S.	1939	Espie, Frank Fancett, B.E.	1913
Dunstone, Max Warwick, M.B., B.S.	1948	Espie, Frank Fletcher, B.E.	1947
Dunstone, Sydney Morgan Lewis, M.B., B.S.	1939	Eustace, John Leonard, B.D.S.	1921
†Durdin, Ronald Walter, B.E.	1951	†Evans, Dene, B.E.	1951
†Durham, James Graham, M.B., B.S.	1951	Evans, Eric Laurence, B.A.	1930
†Durier, Beverley Robertson, B.Sc.	1949	†Evans, Geoffrey Gordon Llewellyn, B.D.S.	1951
Dutton, Alan Hewitt, B.E.	1938	Evans, George Richard, B.E.	1937
Dutton, Alice Irene, M.B., B.S.	1940	Evans, John William, M.A. (Cambridge, 1931)	1932
Dutton, Gilbert Henry, B.Sc. (Wales, 1902)	1921	Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929)	1943
Dwyer, John Matthew, M.B., B.S.	1928	†Evans, Owen Ross, B.E.	1950
†Dyer, Bruce Herbert, B.E.	1951	Evans, Walter Alfred Wyke, B.D.S.	1928
†Dyer, James Ross, B.E.	1951	Evans, Wilfred Robert, B.E.	1924
E			
Eardley, Constance Margaret, M.Sc.	1949	Everard, Betty Ann, B.Sc.	1945
Eardley, Frederick William, B.A.	1913	Everard, James Edward, M.B., B.S.	1910
Earl, Dorothy Elizabeth, B.A. (London, 1915)	1917	Evershed, The Right Honourable Sir Francis Raymond, P.C., LL.D. (Melbourne, 1951)	1951
†Earl, John Alfred, M.B., B.S.	1949	Ewens, John Qualtrough, LL.B.	1929
Earl, John Campbell, D.Sc.	1926	†Ewers, Keith Ambrose, B.Sc.	1949
East, Vernon Roy, B.A.	1943	Ewers, William David, B.A.	1934
Eberhard, Sydney Thomas, B.Sc.	1944	Excell, John Eliot, B.E.	1940
†Ehben, Colin Dominic, B.D.S.	1951	Ey, Geoffrey Thomas, M.B., B.S.	1947
Eckersley, Arnold Broughton, B.D.S.	1938	Eyles, Helen Mary, B.Sc.	1943
Eckersley, Percy Cyril Wheaton, B.A.	1921	Eyles, Philip Sydney, M.B., B.S.	1942
†Eddy, David Rendall, B.Sc.	1949	B.A.	1949
Eddy, James Robert, B.Sc. (Eng.)	1942	F	
Edelman, Howard John, M.B., B.S.	1939	†Fahey, John Kevin, B.E.	1950
Eden, Owen Frederick, B.Sc.	1947	Fairley, James, M.B., B.S.	1941
Edeson, Emily Geraldine, M.A. (Melbourne, 1895)	1902	Fairley, Neil Hamilton, M.D. (Melbourne, 1917)	1949
Edgar, Robert Steel, M.Sc.	1945	Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered for B.E., 1913)	1913
Edgeloe, Victor Allen (Clerk of the Senate), B.A.	1932	Fairweather, Edna May, B.A.	1932
Edgerley, Margaret Janetta, B.A.	1927	Falkenberg, Walter Edwin, B.A.	1940
†Edgerley, Mark William, B.Sc.	1950	Farmer, Helen Robinson, B.A.	1945
Edmonds, Stanley Joe, M.Sc.	1947	Fardell, Leila Mavis, B.A.	1933
B.A.	1935	†Farr, Alan Pembroke, B.A.	1950
°Edwards, Allan Kingswood Morgan, B.Sc.	1930	Farrell, Edward Francis, B.A.	1940
†Edwards, Gordon Robert, B.Ag.Sc.	1949	Farrent, Thomas Albert, B.Sc.	1923
Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S. 1921)	1923	B.E.	1924
Edwards, Karl Francis, M.B., B.S.	1932	Farrow, Murray Aubrey, B.A.	1945
Edwards, Naomi June, B.D.S.	1944	Faunce, Marcus de Laune, M.B., B.S.	1946
†Edwards, Pamela Julie, M.B., B.S.	1951	Fawcett, Wilfred D'Arcy, B.E.	1929
Edwards, Shirley Blanche, B.Sc.	1944	Featherstone, Dora Bewlay, M.A.	1932
Edwards, Victor Wilfred Alcorn, B.A.	1948	Fechner, Martin Johann Traugott, B.A.	1937
Eglinton, Margi Stewart, B.Sc.	1945	Fehlberg, Tasman Julius August, B.A.	1932
Ehmcke, Freda Evelyn, M.B., B.S.	1931	†Felgenhaur, Robert Frederick, B.A.	1949
Eimer, George Herman, B.E.	1937	Fenner, Charles Albert Edward, D.Sc. (Melbourne, 1917)	1920
Elder, Audrey Olive, B.A.	1945	Fenner, Frank John, M.D. (M.B., B.S., 1938)	1942
Eldridge, David Melbourne, M.B., B.S.	1948	Fenner, William Greenock, B.E.	1945
Eley, Agnes May, B.A.	1944	Fenwick, Aline Mary, LL.B.	1944
Eley, John Robert, B.Sc.	1947	Ferguson, Andrew, B.Sc.	1904
Elford, Harold Stewart, B.E.	1925	Ferguson, Wilfred John, B.A.	1930
Elford, William Graham, B.Sc.	1947	Ferguson, William Rex, B.E.	1931
Elix, David Llewellyn, B.E.	1939	Ferres, Helen Mellecent, M.Sc.	1949
Elix, Robert Hugo, M.B., B.S.	1938	Field, Frederick Laurence, LL.B.	1936
Elliott, Brian Robinson, B.A.	1931	Fielding, Leonard Edmund, B.E.	1937
Elliott, Keith, LL.B.	1934	Filmer, Kenneth Frederick, B.D.S.	1946
Elliott, Kenneth Alexander, B.Ag.Sc.	1932	Finch, Emily Olive, B.A.	1913
Elliott, Lionel John, LL.B.	1936	†Finger, Martyn Rudolph, B.E.	1951
Elliott, Murray William, M.B., B.S.	1943	†Finlay, Ada Jeanne, B.A.	1951
Elliott, Ronald Donovan, LL.B.	1931	Finlay, Frederic Albert Montague, Mus.Bac.	1940
Ellis, Annie Rita, B.Sc.	1905	Finlayson, Allan Harvey, B.E.	1932
Ellis, Arthur Benjamin, B.A.	1911	Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922)	1936
†Ellis, Brian David, B.Sc.	1950		
†Ellis, Bruce Walter, B.A.	1949		
†Ellis, Charlotte, B.A.	1950		

\* Deceased.

† Not yet Members of the Senate.

Finlayson, Frank Harvey, B.E. - - -	1930	Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946) - - -	1951
Finlayson, James Francis, B.Sc. - - -	1940	Fowler, Russell Aubrey, B.Sc. - - -	1919
Finn, Beatrice Mary, B.A. - - -	1938	Fox, Ina Alice Owen, M.B., B.S. - - -	1938
Finnis, Horace Percy, M.A. (Melbourne, 1910) - - -	1922	Fox, Robert Owen, M.B., B.S. - - -	1925
Mus.Bac. - - -	1932	Frahn, Leslie John, M.Sc. - - -	1949
Finnis, Maurice Meredith Striker, B.A. - - -	1937	Francis, Albert Edward John, B.Sc. - - -	1949
Finniss, John Henry Suffield, M.B. (Edinburgh, 1876) - - -	1886	Francis, Vera Eleanor, M.A. - - -	1941
Fischer, Arthur Frederick, LL.B. - - -	1925	Francis, Wilfred Galton, B.E. - - -	1935
Fischer, George Alfred, B.A. - - -	1888	Fraser, Duncan Lovat Radcliffe, B.Sc. - - -	1950
M.B., B.S. - - -	1894	Fraser, Frederick Christopher, B.D.S. - - -	1938
Fishburn, Thomas Harold, B.A. - - -	1932	Fraser, Harry Lovat, LL.B. - - -	1932
Fisher, Anthony Graham, M.B., B.S. - - -	1946	B.A. - - -	1933
Fisher, Francis Robert, LL.B. - - -	1950	Frayne, Graham Arthur, B.D.S. - - -	1933
Fisher, George Read, B.E. - - -	1925	Frayne, Harold Bruce, B.D.S. - - -	1940
Fisher, Harry Medcalf, M.B., B.S. - - -	1922	Frayne, John Felix, M.B., B.S. - - -	1936
Fisher, James Hubert Thomas, M.E. - - -	1950	Frayne, Max Thorley, B.D.S. - - -	1945
Fisher, Ruben Walter Alfred, B.A. - - -	1948	Frayne, Peggy Searle, B.Sc. - - -	1945
Fisher, Tryphena Ellen, B.A. - - -	1930	Freeman, Jett Elliot, B.Sc. - - -	1940
Fisk, Graham Bristow, M.B., B.S. - - -	1946	Freestun, William David, B.E. - - -	1949
Fitch, Rosemary Lamburn, B.A. - - -	1949	French, Alfred, M.A. (Cambridge, 1946) - - -	1951
Fitzgerald, Bartholomew John, B.A. - - -	1929	French, Eric Lancelot, M.Sc. - - -	1948
Fitzgerald, Gerald, B.D.S. - - -	1932	French, Reginald James, B.Ag.Sc. - - -	1948
Fitzgerald, Hugh Lawrence, B.A. - - -	1940	Freney, Martin Raphael, B.Sc. - - -	1930
Fitzgerald, James Joseph, M.A. (Melbourne, 1908) - - -	1908	Frewen, Jerome Hugh, B.E. - - -	1939
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923) - - -	1928	Frewin, Oscar Westcott, M.B., B.S. - - -	1926
Flaherty, Edward John, B.A. - - -	1924	Frewin, Thomas Hugh, M.A. - - -	1892
Flaherty, Francis Ignatius, M.B., B.S. - - -	1935	Frick, Majorie May, LL.B. - - -	1934
Flaum, Ernst, M.D. (M.B., B.S., 1941) - - -	1944	Frick, Patricia Marian, LL.B. - - -	1938
Flecker, Margaret Mabel, M.B., B.S. - - -	1932	Fricker, Lyall Peterie, B.Sc. - - -	1949
Flecker, Patrick Oscar, M.B., B.S. - - -	1944	B.A. - - -	1951
Fleming, Francis John, B.E. - - -	1938	Fricker, Norman Meshach, B.E. - - -	1933
Fleming, Hugh Douglas, B.E. - - -	1934	Fricker, Vera May, M.A. - - -	1932
Fleutje, Noel Thomas, M.Sc. (B.Ag.Sc., Melbourne) - - -	1947	Frith, Ernest Everard, B.Sc. - - -	1949
Fletcher, Sir Frank, M.A. (Oxford, 1893) - - -	1936	Fritsch, Eunice Serena, B.A. - - -	1947
Fletcher, Helen Weld, B.A. - - -	1933	Fritsch, Luthilde Clara, B.A. - - -	1948
Fletcher, John Weld, LL.B. - - -	1933	Frost, Mary Millicent, B.A. - - -	1927
Fletcher, Malcolm Weld, M.B., B.S. - - -	1947	Fry, Dorothy Gillian, B.A. - - -	1945
Flett, John Stanley, B.Sc. - - -	1933	Fry, Henry Kenneth, B.Sc. - - -	1905
M.B., B.S. - - -	1941	M.D. (M.B., B.S., 1908) - - -	1934
Flint, Adela Lysander, B.A. - - -	1951	Fry, Robert Mason, B.Sc. - - -	1947
Flint, Harold Elsdon, M.A. - - -	1921	Fuhlbohm, Margaret, B.A. - - -	1944
Flint, Richard Russell, B.E. - - -	1927	Fuller, Geoffrey Roy, B.Sc. - - -	1951
Floreys, Hilda Josephine, M.B., B.S. - - -	1942	Fuller, George Rayner, B.Sc. - - -	1924
Floreys, Sir Howard Walter, M.D. (M.B., B.S., 1921) - - -	1912	Fulton, Gwen Evelyn Hamilton, M.A. - - -	1939
Floreys, Mary Ethel Hayter, M.D. (M.B., B.S., 1924) - - -	1944	Funder, Anne Cathrine, B.D.S. - - -	1934
* Flower, Clifford Horace Kenneth Dunn, B.Sc. - - -	1950	Funder, Brian Patrick, M.B., B.S. - - -	1933
Flynn, Kevin John, B.A. - - -	1938	Funder, John Francis, B.Sc. - - -	1935
Foale, Harold Robert, LL.B. - - -	1933	M.B., B.S. - - -	1938
Foote, George Buchanan, B.Sc. - - -	1934	Furness, Gwenda Marie, B.A. - - -	1941
Forbes, Alexander James deBurgh, B.A. - - -	1951	Furter, Ian King, M.B., B.S. - - -	1948
Forbes, William, B.A. - - -	1936	Furze, Betty Joan, B.Sc. - - -	1951
Ford, James Albert, B.A. - - -	1919	Fyfe, Dorothy Mary, B.A. - - -	1926
Ford, Raymond William, B.E. - - -	1922		
Ford, Ronald Munro, M.B., B.S. - - -	1943	G	
Forder, Charles Rex, B.D.S. - - -	1928	Gaetjens, Gertrude Vera, B.A. - - -	1925
Forder, Douglas Highmoor, B.Sc. - - -	1932	Gaffney, Fay Madeline, B.Sc. - - -	1949
B.A. - - -	1938	Galbraith, Cyril, B.E. - - -	1927
Forder, Howard Hamlyn, B.E. - - -	1926	Gale, Frederick Julius, B.A. - - -	1915
Fordham, Juanita Horwood, B.A. - - -	1927	Gallagher, William Edward, M.B., B.S. - - -	1932
Forgan, Frederick Robert, LL.B. - - -	1928	Gallasch, Frank Edward, M.B., B.S. - - -	1927
Forgan, Humphrey Crayle, B.E. - - -	1927	Galliford, Robert Henry, B.Sc. (Eng.) - - -	1947
Forgan, Sydney Bayly, M.B., B.S. - - -	1926	Gallus, Hermann Peter Christian, M.Sc. - - -	1934
Forgie, Donald Schollar, B.A. - - -	1949	Galpin, Arthur Lorden, B.E. - - -	1949
Formby, Henry Harper, M.B., B.S. (Melbourne, 1900, 1901) - - -	1937	Galvin, Leola Beth, B.Sc. - - -	1945
Formby, Myles Landseer, M.B., B.S. - - -	1924	Galvin, Thomas Bernard, B.A. - - -	1916
Fornacion, John Charles Macleod, M.Sc. - - -	1943	Game, David Aylward, M.B., B.S. - - -	1949
Forrest, Waldie William, B.Sc. - - -	1948	Game, John Aylward, M.B., B.S. - - -	1938
Forster, William Edward Stanley, LL.B. - - -	1950	Game, Patricia Jean, M.B., B.S. - - -	1949
Forsyth, Elliott Christopher, B.A. - - -	1947	Gann, Eric Crump, B.A. - - -	1950
Forsyth, Robert Samuel, B.A. - - -	1937	Gardiner, Beauchamp Lennox, B.Sc. - - -	1902
Foster, Helen Lesley, B.Sc. - - -	1948	Gardiner, Philippa Margaret, M.B., B.S. - - -	1942
Fotheringham, James David, M.B., B.S. - - -	1937	Bac. - - -	1906
Fowler, Dorothy Colyer, B.A. - - -	1949	Gare, Lloyd, B.Sc. - - -	1932
		B.A. - - -	1950
		Garrett, Dorothea Helene, B.A. - - -	1934
		Garton, Mary May, B.A. - - -	1923
		Gartrell, Eric Frank, M.B., B.S. - - -	1921
		Gartrell, Minnie Henrietta Foxwell, B.A. - - -	1926
		Gaskell, Joan Mary, B.A. - - -	1945

\* Deceased.

† Not yet Members of the Senate.

Gault, Arthur Kyle, M.B., B.S.	1917	Glastonbury, Keven, M.B., B.S.	1926
Gault, Estelle Ruth, B.Sc.	1914	Clayde, Ernest James, B.E.	1927
M.B., B.S.	1919	Gliddon, Alfred Bertram Keith, M.B.,	
Gault, Freda Steele, B.A.	1931	B.S.	1948
Gault, Maisie Isabel Ogilvy, B.A.	1921	† Gliddon, William Aquilla Robert	
† Gazard, Geoffrey Albion, B.A.	1949	James, B.A.	1950
Gazard, John Anthony, B.E.	1935	Glover, Brian, B.Sc.	1945
Gehling, Ronda Beryl, Mus.Bac.	1943	Gluis, John, M.A.	1922
† Gehling, Lorenz Wilfred, B.E.	1950	Gluyas, Robert John, B.E. (Interim	
† Geisler, Frederick, M.B., B.S.	1951	B.Sc. (Eng.), 1945, surrendered)	1948
† Geisler, Wilfred Ross, B.Sc.	1937	Glynn, Brian McMahon, LL.B.	1933
Gent, Alan Franklin, B.A.	1948	Glynn, Denis McMahon, LL.B.	1929
Gent, Alison Grace, M.A.	1948	Glynn, Robert McMahon, M.B., B.S.	1919
Gent, John George Moyns, B.A.	1940	Goatcher, Philip Daniel, M.B., B.S.	1945
† Georg, Victor Gerhard, B.A.	1949	† Gobbett, Thelma Jean, B.A.	1950
George, Adalbert James, B.D.S.	1927	Godfrey, Edward John Owen, M.B.,	
George, Hilda Constance, B.A.	1928	B.S.	1945
George, Rowland Francis, B.D.S.	1923	Godfrey, Kirke Charles, M.B., B.S.	1914
Gerard, Kenneth Edward, B.E.	1935	Godfrey, Robert Charles, M.B., B.S.	1944
Gerlach, Max Johann, B.A.	1925	Godlee, Margery Rebecca, B.A.	1917
Gerny, Elma Seavington, B.Sc.	1936	Godlee, Theodore, M.B., B.S.	1932
Gerny, John Seavington, M.E.	1949	Gold, Mervyn Roy, M.B., B.S.	1939
Gerny, Ronald Seavington, B.E. (In-		† Goldbeck, Rene Alice, M.B., B.S.	1949
terim B.Sc. (Eng.), 1942, surren-		Goldby, Frank, M.D. (Cambridge,	
dered)	1944	1936)	1937
† Gevtenbeek, Peter Everard, B.Ag.Sc.	1950	† Goldfinch, Arthur Leslie, B.Sc.	1951
Gibb, Claude Dixon, M.E.	1932	Golding, Edmond William, B.A.	1951
Gibb, Kenneth Murray, B.E.	1942	† Golding, Bhyllis May, B.A.	1951
Gibberd, William Obed, M.Sc.	1945	† Goldsworthy, David, B.A.	1949
† Gibbison, Marie Claire, B.Sc.	1951	† Goldsworthy, Eric Roger, B.Sc.	1950
Gibbs, Allan George, B.E.	1933	† Goldsworthy, John Garfield, M.A.	1930
† Gibbs, Betty Valmai, B.A.	1949	Goldsworthy, Reuben, B.Sc.	1948
Gibson, Douglas Barr, M.B., B.S.	1945	Good, Emily Milvain, B.A.	1904
Gibson, Ernest Stephen Harvey, M.Sc.	1933	Good, Frances Helena, B.A.	1916
Gibson, George Taylor, M.B., B.S.	1935	Goode, Benjamin Ryall, M.B., B.S.	1947
Gibson, Gladys Ruth, B.A.	1937	Goode, Harold Ralph, B.E.	1945
† Gibson, Graham Coyne, B.A.	1949	Goode, Henry Arthur, M.B., B.S.	1938
Giersch, Leonard Ernst, B.A.	1940	Goode, John Reginald, B.Ag.Sc.	1937
Gifford, Alfred Silva Harrill, LL.B.	1922	Goode, Kenneth Burden, B.E.	1914
Gilbert, John Scollard, B.E. (Interim		Goode, Muriel Gertrude, Mus.Bac.	1911
B.Sc. (Eng.), 1948, surrendered)	1948	Goode, Philip Charles Ryall, M.B., B.S.	1939
† Gilbert, Ronald Sunter, B.A.	1950	Goode, Reginald Alfred, M.B., B.S.	1910
Gilbert, Stephen Hamilton, B.E.	1934	Goode, Thomas Ryall, B.E.	1937
† Gilbertson, Nannette, B.A.	1951	Gooden, John Stanley, M.Sc.	1945
† Gilchrist, Robert James, B.A.	1950	Goodhart, Mabel Flora, LL.B.	1927
Gild, Albert, M.B., B.S.	1934	Goodhart, Richard Akhurst, M.B., B.S.	1941
Gild, David, M.B., B.S.	1938	Goodman, Cyril William, B.E.	1915
† Giles, Allan Leonard, Mus.Bac.	1950	† Goodwin, Geoffrey Leonard, B.Sc.	1951
Giles, Harold, B.A.	1911	Gordon, Colin Ernest Sutherland, M.A.	
Giles, Ireton Elliot, B.A.	1897	(Oxford, 1938)	1948
Giles, Jack Bernard, B.Sc.	1943	Gordon, John Vivian, M.D. (M.B., B.S.,	
Giles, James Palmer, B.A.	1931	1942)	1949
† Giles, Keith Emanuel, M.B., B.S.	1951	Gosnell, Arthur William, M.A. (Cam-	
Giles, Mortimer, LL.B.	1911	bridge, 1888)	1895
Giles, Nigel Stuart, B.Sc.	1905	Goss, Mary Blanche, B.A.	1936
Giles, Olive Abbott, B.A.	1907	Goss, Noel Frederick, B.A.	1934
Giles, Thomas O'Halloran, LL.B.		Gough, John Lewis, B.A.	1945
(Cambridge, 1883)	1886	Govenlock, James Coburn, Mus.Bac.	1943
Gilfillan, William, M.B., B.S.	1921	Goyder, Alexander Woodroffe, B.Sc.	1889
Gilfillan, William Robert, B.E.	1948	Graham, George Finlay, B.E.	1927
Gill, Clarence William Cecil, B.A.	1934	Graham, Mary Theresa, M.A.	1933
Gill, Lancelot Waring, B.E. (B.Sc.,		Graham, May Elisabeth, B.A.	1941
1908, surrendered for B.E., 1913)	1913	† Graham, Roger Dean, B.E.	1950
† Gill, Raymond Harold, B.E.	1951	Grant, Allan Kerr, M.B., B.S.	1947
† Gill, Richard Townshend, M.B., B.S.	1951	Grant, Colin Kerr, B.Sc.	1931
Gillam, Dora Alice, M.A. (Sydney,		Grant, Donald Kerr, M.B., B.S.	1942
1903)	1934	† Grant, John McBain, B.Ec.	1950
Gillespie, Donald Tom Chalton, M.Sc.	1943	Grant, Kerr, B.Sc. (M.Sc., Melbourne,	
Gillespie, Doris Pearl, B.A.	1940	1901)	1911
Gillespie, Elsie Jean Ann, B.A.	1935	Grant, Marjorie Ruth, B.A.	1939
Gillespie, William Charles, LL.B.	1927	Grant, Mary Raymond, M.Sc.	1950
Gillett, Bernard St. Patrick, M.B., B.S.	1928	Grant, Richard Longford Thorold,	
Gillett, Mervyn Clem, LL.B.	1931	M.B., B.S.	1918
Gillham, Charles Alfred, B.A.	1911	† Gratton, Gordon Sydney, LL.B.	1950
† Gillham, Doreen, B.A.	1950	Gratton, Marshall Gladstone, M.B.,	
Gillman, Phyllis Constance, B.A.	1916	B.S.	1941
Gilmore, Hugh Robert, M.B., B.S.	1945	Gratton, Mephan John, B.E.	1934
Gilmore, Jean, LL.B.	1934	Gratton, Norman Murray Gladstone,	
Gladigau, Rita Doreen, B.Ec.	1948	B.A. (Melbourne, 1915)	1920
Glaessner, Martin Fritz, D.Sc. (Mel-		Gray, Alexander Frederick, B.Sc. (Eng.)	1942
bourne, 1948)	1951	Gray, Eric William, B.A.	1931
Glastonbury, Dudley Ivan, B.Sc.	1930	Gray, Frederic Victor, M.Sc.	1948
B.A.	1933	† Gray, Harvey Hamilton, B.Ec.	1949
Glastonbury, James Oliver Garnet, B.A.	1932	Gray, Keith Douglas, M.B., B.S.	1926
M.Sc.	1935	Gray, Maurice Chadwick, B.Sc.	1933

† Not yet Members of the Senate.

Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered for B.E. 1913)	1913	Haines, Murray David, B.A.	1947
†Green, Alan Elston, B.Sc.	1913	Haines, Norman Lindsay, B.A.	1947
Green, Cynthia Joan, B.A.	1949	Hains, Ivan Coronel, M.B., B.S.	1911
Green, Donald Clare, B.Sc.	1945	Hains, Robert Myer, M.B., B.S.	1940
†Green, Lawrence Goodwin, B.Ec.	1942	Hakendorf, Andrew John, M.B., B.S.	1929
Green, Lorna Mary Alexander, B.Sc. B.A.	1951 1927	†Haldane, Alexander David, B.Sc.	1949
Green, Richard Maslen, B.A.	1929	Hall, Alfred Daniel, M.A. (Oxford)	1914
†Green, Ronald Gordon, B.Sc.	1937	†Hall, Barbara Isabelle Herbert, B.Sc.	1951
Green, William Allan McInnes, B.E.	1949	Hall, Charles Fishbourne, M.A.	1922
†Greenfield, Vivian Hutchison, B.Sc.	1928	Hall, James Stanley, B.E.	1933
Greenhough, Arthur David, B.E.	1951	Hall, Jocelyn Rosemary, B.A.	1948
Greenland, Patrick Cecil, M.A.	1942	Hall, Marjorie Gertrude, Mus.Bac.	1931
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered for B.E., 1913)	1933	Hall, Norman Bruce, M.B., B.S.	1917
Greenlees, Rollo, M.B., B.S.	1913	†Hall, William Oswald James, B.Sc.	1950
Greenway, Harold, B.E. (B.Sc., 1906, surrendered for B.E., 1913)	1937	Hallett, Evan Charles, M.B., B.S.	1947
Greenwood, Thomas Charles, B.Sc.	1913	Hallett, Harold Sinclair, B.E.	1932
Rudolph Oertel, B.A. (formerly Nadebaum)	1900	Hallett, Reginald Thomas, B.E.	1938
Greet, Norman George Frank, M.A.	1907	Hambidge, Margaret Cecile, B.A.	1935
Gregory, Cedric Errol, B.E.	1928	Hames, Muriel Jean, B.A.	1941
B.A.	1931	Hamilton, Charles Wolfe, M.D. (Dub- lin, 1894)	1899
Gribble, Albert Elijah, M.B., B.S.	1944	Hamilton, Frank Alexander, B.E.	1941
Grierson, John James, B.E.	1929	Hamilton, Ian Ayliffe, M.B., B.S.	1924
Griff, Bernard, LL.B.	1937	†Hamilton, Ian Scott, LL.B.	1951
†Griffin, Danielle, B.A.	1925	Hamilton, Jean Anne, B.Sc.	1947
†Griffin, Donald Ward, B.E.	1949	Hamilton, Reginald Hewgill, M.B., B.S.	1925
Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1951	Hamilton, William Murray, M.B., B.S.	1925
Griffiths, Ernest William, M.B., B.S.	1947	Hammill, Robert Duncan, M.B., B.S.	1942
Griffiths, George Townsend, Mus.Bac.	1906	Hammond, Henry Grant, M.B., B.S.	1944
Griffiths, Thomas Lester, LL.B.	1915	Hamp, Frances Marian, M.B., B.S.	1925
Griggs, Clarence Middleton, B.Sc.	1913	Hancock, George Alfred, M.A.	1909
†Griggs, James Middleton, B.E.	1924	Hancock, Henry Raymond Russell, M.B., B.S.	1927
†Griggs, Robert Leslie, B.Ec.	1949	Hancock, James Russell, B.Sc.	1941
Grimes, Louisa Catherine, Mus.Bac.	1951	Hancock, William Andrew, B.Sc.	1924
†Gross, Gordon Flinders, B.Sc.	1937	Hancock, William Keith, M.A. (Ox- ford, 1930)	1931
Gross, Klem Bassett, B.E.	1950	†Handley, Harold Arthur, M.B., B.S.	1951
†Gross, Patricia Mary, B.A.	1924	Hannaford, Brian Douglas, B.Sc.	1945
Grosser, Agnes Juliana Hulda, B.A.	1950	Hannan, Albert James, M.A.	1914
Grosvenor, Cyril, B.D.S.	1910	LL.B.	1912
Grosvenor, Edna Mary, M.A.	1925	Hannan, Clare Reginald, LL.B.	1922
Grote, Albert Walter, M.B., B.S.	1926	†Hannan, Ian Ignatius, B.E.	1949
Groves, Murielle Annis Clemland, B.A.	1926	Hannon, Dennis Francis, M.B., B.S.	1942
†Grubb, Yvonne, B.A.	1937	Hansberry, John Pierce, B.A.	1945
†Gubbins, Heather Welch, B.A.	1951	†Hansberry, Mary Estelle, B.Sc.	1951
Guenther, John Irving, M.B., B.S.	1950	Hansen, Ian Alfred, B.Sc.	1948
Guinand, Andrew Paul, B.Sc.	1942	†Hansen, Ian Victor, B.A.	1950
Guinand, Mimi Helen, B.A.	1932	Hanson, Bertram Speakman, M.B., B.S.	1928
†Gum, Colin Stanley, M.Sc.	1938	Harbison, Alan Thomas, M.B., B.S.	1927
Gun, Lancelot Townsend, LL.B.	1938	†Harbison, Ernest John Keith, M.B., B.S.	1924
Gunn, John Alexander, M.A. (Liver- pool, 1919)	1951	†Harbison, John Henry, M.B., B.S.	1949
Gunning, Norman Stannus, M.B., B.S.	1924	Harbison, William Arthur, B.E.	1938
Gunson, John Michael Morphett, M.B., B.S.	1926	Harders, Clarence Waldemar, LL.B.	1944
Gunton, James Donald, B.A.	1933	Harding, Florence Mary, M.A. (N.Z., 1932)	1949
Guppy, Douglas James, B.Sc.	1938	Hardy, Alfred Burton, LL.B.	1898
Guppy (nee Knox), Joan Claudia, B.Sc.	1944	Hardy (nee Beckwith), Anne Caroline, M.Sc.	1947
Gurner, Colin, M.B., B.S.	1943	Hardy, Evan Lovell, B.E.	1935
Gurner, Colin Marshall, M.B., B.S.	1918	Hardy, John Evans Simpson, M.B., B.S.	1945
Gurney, Harold Cyril, M.Sc.	1942	Hardy, John Scott, LL.B.	1926
Gurr, Clifford George, B.Sc.	1932	Hardy, Mabel Phyllis, B.A.	1914
†Guster, Allan Frederick, B.E.	1947	Hardy, Thomas Walter, B.Sc. (Eng.)	1947
Guthaner, Ernst, M.B., B.S.	1951	Hargrave, Nathaniel Charles, LL.B. B.A.	1938
Guymer, Arthur Howes, M.B., B.S.	1942	Hargreaves, William Arthur, B.Sc. (Melbourne, 1891)	1939
Guymer, Ernest Albert, M.B., B.S.	1915	D.Sc.	1909
Guymer, Max William, M.B., B.S.	1914	Harkness, Robert, B.A.	1916
	1947	†Harley, James Froomes, M.B., B.S.	1907
		Harley, Marjory, B.A.	1951
		Harmer, John Reginald, M.A. (Cam- bridge, 1884)	1925
		†Harms, John Eric, B.Sc.	1895
		Harms, Lois Philippa, M.B., B.S.	1951
		Harmiman, William Ronald, LL.B.	1948
		Harper, Anthony, LL.B.	1936
		Harper, Ronald George, B.A. B.Ec.	1926
		Harrington, Colin, B.A.	1938
			1947
			1947

\* Deceased.

† Not yet Members of the Senate.

†Harrington, Enid Gretta, B.A. - - -	1950	Heath, Ronald Bertram, B.E. - - -	1941
Harrington, Joan Margaret, B.Sc. - - -	1945	Heath, Trevor James Gartr-ell, B.A. (Cambridge, 1928) - - -	1928
Harrington, Reginald Frank, B.D.S. - - -	1943	LL.B. - - -	1932
†Harrip, Brian John, B.A. - - -	1950	Heaton, Herbert, M.A. (Leeds, 1912) - - -	1918
Harris, Allan Cuthbert, B.Sc. - - -	1923	Hebart, Armin William, B.Sc. - - -	1944
Harris, Beryl Ruth, B.A. - - -	1935	Hebart, Siegfried Paul, M.A. - - -	1932
†Harris, Cecil George, B.A. - - -	1951	Hebart, Werner Friedrich, B.A. - - -	1934
Harris, Clare Sparkes, LL.B. - - -	1925	Hecker, Robert, M.B., B.S. - - -	1947
Harris, David Hall, M.B., B.S. - - -	1942	Hecker, Stewart Roy, M.B., B.S. - - -	1919
Harris, Donald Dunstan, M.A. - - -	1929	Heddle, Frederic French, M.B., B.S. - - -	1935
Harris, Dorothy Mary, B.A. - - -	1919	Heddle, Robert Charles, M.B., B.S. - - -	1942
Harris, Dudley Andrew, B.A. - - -	1938	Heddle, Shirley, B.A. - - -	1947
Harris, Ernest Wilfred, LL.B. - - -	1920	Hedger, Dorothy Mavis, B.A. - - -	1936
†Harris, Ian Antrobus, M.B., B.S. - - -	1949	Heidenreich, George Bernhard Franz, B.A. - - -	1944
Harris, Jack Ronald, M.Sc. - - -	1951	Heighway, Freida Ruth, M.D. (Sydney, 1939) - - -	1949
Harris, John, M.B., B.S. - - -	1924	Heinemann, Edmund Lewis, B.A. (Oxford, 1887) - - -	1890
†Harris, John Ernest, B.E. - - -	1949	Heinemann, Mary Josephine, B.A. - - -	1948
Harris, Lorna Muriel, B.A. - - -	1934	Heinemann, Mervyn Lambert, B.A. - - -	1940
Harris, Shirley Joyce, B.A. - - -	1938	†Heinrich, Jeff Dean, B.Sc. - - -	1949
Harris, Sophie Dora, B.A. - - -	1928	†Heitmann, Dorothea Smith, M.B., B.S. - - -	1949
Harris, William Brocas, B.Ag.Sc. - - -	1947	†Heitmann, John Smith, M.B., B.S. - - -	1951
Harris, William Patrick, M.B., B.S. - - -	1933	†Hemingway, Peter Cunliffe, B.Sc. - - -	1949
Harrison, Howard Raymond, B.Sc. - - -	1948	Henderson, Eric Malcolm, B.E. - - -	1932
Harrison, Walter, B.A. - - -	1929	†Henderson, Leonard Ross, B.Ec. - - -	1949
Harry, Arthur Hartley, B.A. - - -	1901	Henderson, Roland, LL.B. - - -	1926
Harry, Geoffrey Courtenay, LL.B. - - -	1925	Hendrickson, Douglas Buxton, M.B., B.S. - - -	1941
Harry, Irene Pearl, B.A. - - -	1915	†Henschke, Lawrence Ronald, B.E. - - -	1951
Harry, Romilly Carveth, LL.B. - - -	1929	†Hensel, Gordon Maxwell, B.Sc. - - -	1951
†Hart, Arthur Maxwell, B.A. - - -	1950	†Herbert, Septimus Giffen Mills, B.Sc. - - -	1949
Hart, David Henderson, B.Sc. - - -	1942	†Hermes, Clarence Lindsay, LL.B. - - -	1951
†Hart, Mary Margaret, B.A. - - -	1950	Herriot, Robert Irvine, B.Ag.Sc. - - -	1932
Harvey, Alison, B.A. - - -	1938	Hersel, August Wilhelm, B.A. - - -	1935
Harvey, Bernice Enid, Mus.Bac. - - -	1928	Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered for B.E., 1913) - - -	1913
Harvey, Dean Lawrence, B.Sc. - - -	1947	Heseltine, Samuel Richard, LL.B. - - -	1908
Harvey, Faith Fairbank, Mus.Bac. B.A. - - -	1936	†Hester, Gwynn Thomas John, B.A. - - -	1950
Harvey, Frederick George, M.A. (Yale, 1934) - - -	1934	†Hetherington, Robert, B.A. - - -	1951
Harvey, Raymond Hynson, B.E. - - -	1936	Hetzl, Basil Stuart, M.D. (M.B., B.S., 1944) - - -	1949
Harvey, Richard Gilbert Mungo, B.Ag.Sc. - - -	1948	Hetzl, Kenneth Stuart, M.D. (M.B., B.S., 1920) - - -	1926
Harvie, Sydney Haral, B.Sc. - - -	1927	Hetzl, Peter Stuart, M.B., B.S. - - -	1948
Haselgrove, Harold Frederick, M.B., B.S. - - -	1946	Heuzenroeder, Reginald Leo, LL.B. - - -	1923
Haselgrove, Helene Martha, B.A. - - -	1923	Hewett, Esther Jean, B.A. - - -	1938
†Haselgrove, Janet Storrie, B.Sc. - - -	1950	†Hewitson, Gordon Frank, B.A. - - -	1951
Haselgrove, Wilfred Eric, B.E. - - -	1937	†Hewitson, Malcolm Thomas, B.A. - - -	1951
†Hasenohr, David, B.Sc. - - -	1951	Hewitt, Cecil Austin, LL.B. - - -	1924
Hasenohr, Edward, B.A. - - -	1938	Hewitt, Carl William, B.D.S. - - -	1949
Hasenohr, Geoffrey, M.B., B.S. - - -	1948	Heyne, Ida Marie, B.A. - - -	1916
Haskard, George Henson Barrett, M.Sc. - - -	1936	Heyne, Laura Olga Hedwig, M.A. - - -	1917
†Haskard, John Rex, B.Sc. - - -	1950	Heywood, Marie Louise, B.A. - - -	1941
Haslam, Leslie Horrocks, LL.B. - - -	1908	Hiatt, Jack Thomas, LL.B. - - -	1947
Haslam, Margaret Martha, M.B., B.S. - - -	1935	B.Ec. - - -	1948
Hassell, Frank Colin, B.E. - - -	1933	Hickey, Kathleen Veronica, B.A. - - -	1945
Hassell, Kathleen Lilian, M.A. - - -	1927	†Hickinbotham, Alan David, B.Sc. - - -	1949
Haste, Mary Joan, B.A. - - -	1941	Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915) - - -	1926
Haste, Reginald Arthur, B.Sc. - - -	1911	M.D. (M.B., Ch.B., N.Z., 1923) - - -	1936
M.B., B.S. - - -	1914	Hicks, Dene Alan, M.B., B.S. - - -	1948
Hauser, Frederick Herbert, B.A. - - -	1931	†Hicks, Edward Paul, M.B., B.S. - - -	1951
Hawke, Vivian Lee, M.B., B.S. - - -	1946	Hicks, Francis Gibson, LL.B. - - -	1915
Hawken, Doris Marguerite, B.A. - - -	1917	Hicks, Neil Dennis, M.B., B.S. - - -	1948
Hawker, Elizabeth Julie Seymour, B.A. - - -	1942	Hicks, Warren Roseveare, B.Sc. - - -	1944
Hawker, Rose Adeline, B.A. - - -	1928	†Hieser, Ronald Oswald, B.Ec. - - -	1949
Hawkins, Frederick James, LL.B., B.A. - - -	1942	Higginbottom, Edwin Corlett, B.A. - - -	1920
Haycraft, Edith Florence, B.Sc. - - -	1890	†Higginbottom, Edwin John, B.Ec. - - -	1950
Hayes, Horace Townsend, M.B., B.S. - - -	1936	Higgins, Alfred James, B.A. - - -	1930
†Haynes, James Dalrymple, B.A. - - -	1950	†Higgs, Edward Davies, B.Ag.Sc. - - -	1950
Hayward, Edward Leo, LL.B. - - -	1925	Hilbig, Paul Berthold, B.A. - - -	1930
Hayward, John Lionel, M.D. (M.B., B.S., 1932) - - -	1936	Hill, Albert Charles, B.A. - - -	1914
Hayward, Lancelot Alfred, M.B., B.S. - - -	1914	Hill, Alma Isobel, B.A. - - -	1948
†Hayward, Thomas Ronald, B.Ec. - - -	1949	Hill, Arthur William, D.Sc. (Cambridge, 1918) - - -	1927
Hayward, Walter Richard, B.A. - - -	1934	†Hill, Douglas Henry - - -	1949
Heading, Keith Edward George, B.Sc. B.A. - - -	1938	Hill, Florence McCoy, B.Sc. (California, 1897) - - -	1927
Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893) - - -	1900	Hill, John, B.Sc. - - -	1922
Healy, Peter, B.Sc. - - -	1948	Hill, John Albert, B.Sc. - - -	1943
Healy, Vincent Michael, B.Sc. - - -	1939	Hill, John Distin, B.Sc. - - -	1940
Heard, Kenneth Harold, M.B., B.S. - - -	1936		
Heard, Lyaal Scott, B.Sc. (Eng.) - - -	1944		
Heaslip (nee Shorney), Barbara Kate, B.A. - - -	1928		
Heaslip, William Gordon, M.B., B.S. - - -	1929		

† Not yet Members of the Senate.

Hill, John Seymour Thew Tregarthen, M.B., B.S. - - - - -	1941	Hoopman, Friedrich Wilhelm, M.B., B.S. - - - - -	1922
†Hill, Kenneth Arthur, B.Sc. (Eng.) - - - - -	1950	†Hoopmann, Eric Paul, M.B., B.S. - - - - -	1949
†Hill, Malcolm, B.E. - - - - -	1951	Hope (nee Fowler), Laura Margaret, M.B., B.S. - - - - -	1891
Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910) - - - - -	1920	Hopkins, Alfred Nicholas, B.A. - - - - -	1888
Hill, Hilda Mary, B.A. - - - - -	1908	†Hopkins, Brian McDonald, B.Sc. - - - - -	1950
†Hillier, Howard Armstrong, B.E. - - - - -	1950	Hopper, Brian William, B.Sc. - - - - -	1947
Hilton, Arthur Robert, B.A. - - - - -	1909	Hopton, Peter Phillip Adrian, B.A. - - - - -	1947
Hilton, Frank Morphet, B.Ag.Sc. - - - - -	1948	Horder, Thomas Jeeves, Baron of Ashford, M.D. (London, 1899) - - - - -	1935
†Hilton, Keith Denyer, LL.B. - - - - -	1949	Horman, William Dinwoodie Ackland, M.B., B.S. - - - - -	1941
Hinde, James Tempest, B.Sc. - - - - -	1941	Hornabrook, Reginald Denys, M.B., B.S. - - - - -	1925
†Hine, Denise Charlotte, B.Sc. - - - - -	1949	Hornabrook, Rupert Walter, M.B., B.S. - - - - -	1896
Hine, Florence Pauline, B.A. - - - - -	1947	Hosking, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - -	1947
Hirst, Ronald Robert, M.Ec. - - - - -	1950	Hosking, Herbert Champion, M.B., B.S. - - - - -	1923
Hiscock, Ian David, M.Sc. - - - - -	1950	°Hosking, Herbert Clifton, B.A. - - - - -	1908
†Hiscock, Stephen West, B.Sc. - - - - -	1949	Hosking, Lochee Maud, B.A. - - - - -	1931
Hisgrove, Gladys, B.A. - - - - -	1936	Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - -	1947
†Hiskey, Thomas Alan, B.A. - - - - -	1949	Hosking, Peter Kay, B.E. - - - - -	1948
†Hitchcox, Joyce Mary, B.A. - - - - -	1949	Hoskins, Howard Berthold, B.A. - - - - -	1926
Hitchcox, Alfred Clarke, M.A. - - - - -	1932	Hossfeld, Paul Samuel, M.Sc. - - - - -	1926
Hoar, Barbara Charlotte, B.Sc. - - - - -	1948	†Hourigan, Lloyd David, B.Ec. - - - - -	1950
†Hoare, Lehonde Lucas, M.B., B.S. - - - - -	1949	Hourigan, Richard Edward, LL.B. - - - - -	1893
Hobbs, Alan Frank, M.B., B.S. - - - - -	1922	Howard, Arthur Ewing, B.A. - - - - -	1912
Hobbs, Ian Harold, M.B., B.S. - - - - -	1948	†Howard, Donald William Digby, B.Ec. - - - - -	1949
†Hocking, Colin Stanley, B.Sc. - - - - -	1949	Howard, Ephrem, B.A. - - - - -	1937
Hocking, Frank Maxwell, B.Sc. - - - - -	1929	†Howard, Juliet Hardman, M.B., B.S. - - - - -	1951
Hocotr, John Francis, B.A. (Dublin, 1871) - - - - -	1877	Howard, Leo, M.A. - - - - -	1943
Hodby, Frederic Stephen, LL.B. - - - - -	1925	†Howard, Peter Felix, B.Sc. - - - - -	1950
Hodby, Kenneth Wellesley, M.B., B.S. - - - - -	1936	†Howard, Rex Trowbridge, B.Sc. - - - - -	1950
Hodby, Lindley David, M.B., B.S. - - - - -	1929	†Howard, Ronald Walter, B.E. - - - - -	1951
†Hodgson, Ian Harold, B.D.S. - - - - -	1950	Howard, Yvonne Mary, B.A. - - - - -	1945
†Hoffman, Jack, M.B., B.S. - - - - -	1951	Howe, George William Osborn, D.Sc. (Durham, 1914) - - - - -	1914
°Hogan, Esmond John Campbell, LL.B. - - - - -	1920	Howell, Edward Tucker, M.A. (Oxford, 1860) - - - - -	1877
†Hogan, Margaret Mary, B.A. - - - - -	1950	†Howell, Frederick Glenroy Graham, B.Sc. - - - - -	1949
Hogan, Philip Cornelius, M.B., B.S. - - - - -	1928	Howell, Murray Wentworth, B.E. - - - - -	1935
Hogarth, David Stirling, LL.B. - - - - -	1931	†Howes, David William, B.Sc. - - - - -	1949
†Hogben, Roy, B.Sc. - - - - -	1950	Howie, Mary Hotham, B.A. - - - - -	1943
†Hoile, Douglas Edward, M.B., B.S. - - - - -	1951	Howland, Donald John, B.A. - - - - -	1948
Holdaway, Frederick George, M.Sc. (Queensland, 1925) - - - - -	1926	Howlett (nee Hughes), Nellie Ruth, B.A. - - - - -	1941
Holden, Ethel, B.A. - - - - -	1931	Howlett, Philip Thomas Michael, M.A. - - - - -	1947
†Holden, Geoffrey Raymond, B.Sc. - - - - -	1951	Hubbard, Margaret Eileen, M.A. - - - - -	1949
†Holden, Robert William, B.E. - - - - -	1950	Hubbe, Edith Ulrica, B.A. - - - - -	1908
Holder, Alison Joyce, Mus.Bac. - - - - -	1941	M.B., B.S. - - - - -	1922
Holder, Ethel Roby, M.A. - - - - -	1901	Hubble, George Dixon, B.Ag.Sc. - - - - -	1934
Holder, Evan Morecott, B.E. (B.Sc. 1909, surrendered for B.E., 1913) - - - - -	1913	Huddleston, Leslie Basil, B.Sc. (Eng.) - - - - -	1942
Holder, Sophia Ellen, B.A. - - - - -	1906	Huddleston, Stanley Ernest, B.Sc. - - - - -	1934
Holder, Sydney Ernest, M.B., B.S. - - - - -	1913	B.E. - - - - -	1935
Holding, Sheilah Dolby, B.A. - - - - -	1943	Hughes, Alfred, B.A. (Cambridge, 1886) - - - - -	1889
Holdsworth, Leslie McLeod, B.A. - - - - -	1934	Hughes, Gordon Kingsley, B.Sc. - - - - -	1928
Holland, Charlotte Annie, B.A. - - - - -	1916	Hughes, Harold Timothy, B.Ag.Sc. - - - - -	1941
Holland, Joan, B.A. - - - - -	1944	Hughes, James Estcourt, M.S. (M.B., B.S., 1926) - - - - -	1937
Holland, Laurence Corin, M.B., B.S. - - - - -	1935	†Hughes, Leslie Donald, B.E. - - - - -	1949
Hollidge, Alfreda Faith, B.A. - - - - -	1922	Hughes, Robert Douglas, B.D.S. - - - - -	1938
Hollidge, David Henry, M.A. - - - - -	1889	Hughes, Robert George, B.Sc. (Eng.) - - - - -	1942
Hollidge, Geoffrey David, LL.B. - - - - -	1926	Human, James Peter Egerton, M.Sc. - - - - -	1948
Holloway, Bruce William, B.Sc. - - - - -	1948	Humphris, Francis Henry, B.E. - - - - -	1924
Holmes, Henry Bertram, M.B., B.S. - - - - -	1940	Humphris, Francis Ross, B.Ag.Sc. - - - - -	1944
†Holmes, Reginald Murray, M.B., B.S. - - - - -	1949	Humphry, Alfred Henry, M.B., B.S. - - - - -	1937
Holtham, Richard, B.A. (Queensland, 1916) - - - - -	1920	Humphry, Lulu Eileen, B.Sc. - - - - -	1935
Homburg, John, LL.B. - - - - -	1908	Hunkin, Leonard Dale, LL.B. - - - - -	1935
Hone, Alfred Andrew, B.Sc. - - - - -	1924	Hunt, Arnold Dudley, B.A. - - - - -	1942
Hone, Brian William, B.A. - - - - -	1928	Hunt, Max Aubrey, B.E. - - - - -	1931
Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921) - - - - -	1938	Hunter, Betty Vera, B.Sc. - - - - -	1947
Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920) - - - - -	1923	Hunter, Brian Oswald, LL.B. - - - - -	1932
°Hone, Frank Sandland, B.A. - - - - -	1889	Hunter, Doris, B.A. - - - - -	1924
M.B., B.S. - - - - -	1894	Hunter, Geoffrey Allan, M.B., B.S. - - - - -	1942
Hone, Garton Maxwell, M.B., B.S. - - - - -	1924	Hunter, Ronald, M.B., B.S. - - - - -	1944
†Hone, Michael Raymond, B.Sc. - - - - -	1950	Hunter, Thomas Bowden, M.B., B.S. - - - - -	1944
Hone, Winifred Ruth Selwyn, B.A. - - - - -	1934	Hunwick, Arthur Philip, B.E. - - - - -	1929
Honnor, Wilfred Weston, B.Sc. - - - - -	1931	Hunwick, Leonard William, LL.B. - - - - -	1936
M.E. - - - - -	1945		
†Hood, Vivian George, B.D.S. - - - - -	1950		
†Hooker, Robert John, B.E. - - - - -	1951		
Hooper, Frederick Harvey, B.Ag.Sc. - - - - -	1936		
Hooper, Jane Barker, B.A. - - - - -	1941		
Hooper, Peter Laurence, B.Sc. - - - - -	1934		
Hooper, Rex Truran, M.E. - - - - -	1949		

° Deceased.

† Not yet Members of the Senate.

Hurley, Leonard Joseph Bernard, B.A.	1914	Janzow, Eric Herbert Martin, B.A.	1940
Hurst, Edward Weston, D.Sc. (Birmingham, 1932)	1941	Jarrett, Ivan Gentry, M.Sc.	1947
Hurst, Harvey Herbert, M.B., B.S.	1929	Jarvis, Ronald Harris, M.B. B.S.	1948
Hurst, Walter William, B.Sc.	1916	Jauncey, George Eric Macdonnell, D.Sc.	1922
†Hussey, Brian Leitch, B.D.S.	1951	Jay, Hubert Melville, M.B., B.S.	1908
Hussey, Percival Francis Leitch, M.B., B.S.	1920	Jay, Peter Gerald, M.B., B.S.	1941
Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929)	1945	†Jeffery, Margaret Wyn, B.Sc.	1950
Hutcheson, George Ian Dewart, B.E.	1917	Jeffries, John Singleton, M.B., B.S.	1942
Hutchesson, Gordon Bramwell, LL.B.	1930	Jeffries, Lewis Wibmer, M.B., B.S.	1907
Hutchinson, Clive Reginald, B.A.	1948	Jeffries, Shirley Williams, LL.B.	1909
†Hutchinson, Colin Frederick, B.Sc.	1950	Jeffries, Arthur Tarlton, B.Sc.	1908
Hutton, Edward Mark, D.Sc.	1951	Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945)	1951
Hutton, John Thomas, B.Sc.	1938	†Jenke, Dudley Conrad, B.Sc.	1950
Hutton, Tom Allan, LL.B.	1940	Jenkin, Alfred John Roseland, B.A.	1932
Huxley, Leonard George Holden, Ph.D. (D.Phil., Oxford)	1950	Jenkin, Beth Lenore, B.A.	1940
†Hyde, Alan Graham, B.Ec.	1951	Jenkin, Mabel Gertrude, B.A.	1928
Hyde, Miriam Beatrice, Mus.Bac.	1931	†Jenkins, Heather Gordon, B.Sc.	1950
I			
Ide, Donald Norman, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948	Jenkins, Rex Desmond, B.A.	1941
Ide, Frank Boyle, B.E.	1928	Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916)	1922
°Iliffe, James Drinkwater, B.Sc.	1899	†Jennings, Bruce Arthur, B.E.	1950
Iliffe, Michael Isaac Glover, B.Sc.	1934	†Jennison, Raymond Barraclough, B.E.	1950
Ingamells, Dora, B.A.	1909	Jens, John Matthias Joseph, M.B., B.S.	1934
Ingamells, Eric Marfleet, B.A.	1908	Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Ingamells, Reginald Charles, B.A.	1934	†Jensen, Richard Ian Broughton, B.A.	1951
Ingleby, Aileen Constance, LL.B.	1921	Jensen, Tom Broughton, B.E.	1938
in't Veld (nee Champion de Crespigny), Margaret, B.A. (Melbourne, 1940)	1940	†Jephcott, Bruce Reginald, B.Sc.	1950
Ireland, Norman Arthur, M.A.	1932	Jericho, Arnold Mervyn, B.E.	1938
Irvine, Beatrice May, M.B., B.S.	1941	Jessup, Rupert William, M.Sc.	1948
†Irving, Denys Benson, B.Sc.	1950	Jew, Ronald William, LL.B.	1937
Irving, Henry Edward, LL.B.	1938	†John, Glen Owen, B.E.	1951
†Irving, Iris Mary, B.A.	1950	Johncock, Leonard Percy, B.A.	1928
Irving, Roger John, M.Sc.	1948	Johns, Bennett Gilbert Langman, B.Sc.	1937
Irwin, Edith French, B.Sc.	1939	Johns, Robert Keith, B.Sc.	1948
Irwin, Graham Wilkie, B.A.	1947	†Johns, Rowland Walden, B.E.	1951
†Irwin, John Francis, B.D.S.	1951	Johnson, Dorothy Mavis, B.A.	1931
Irwin, Robert Newenham, LL.B.	1929	°Johnson, Edward Angas, M.B., Ch.B. (Melbourne, 1897)	1897
Irwin, William Morris, M.B., B.S.	1938	M.D. (Göttingen, 1899)	1901
Isaachsen, Oscar Cedric, LL.B.	1932	Johnson, Edwin Ralph, B.A.	1931
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937	†Johnson, Jeffery William Harwood, LL.B.	1951
Isles, Keith Sydney, M.A. (Cambridge, 1933)	1941	Johnson, Keith Douglas, B.Sc.	1950
Isom, Constance Ruth, B.A.	1934	Johnson, Peter Ralph, B.Sc.	1941
J			
Jack, Fannie Augusta, B.A. (Sydney, 1899)	1913	Johnson, Ronald Lisle, LL.B.	1937
Jack, Robert Lockhart, B.E. (Sydney, 1899)	1913	Johnson, William Courtenay Saunders, B.A.	1934
D.Sc.	1930	Johnson, William Herbert, B.A.	1911
Jack, William Logan, M.B., B.S.	1929	Johnston, Benjamin George, M.B., B.S.	1924
Jackman, Frank Downer, B.E.	1924	Johnston, Elizabeth, LL.B.	1948
Jackman, Lloyd Miles, M.Sc.	1949	Johnston, Elliott Frank, LL.B.	1940
Jackson, Arthur Marchant, B.A.	1943	Johnston, Lance Galbraith, B.E.	1925
†Jackson, Edward Arthur, B.Ag.Sc.	1951	Johnston, Ross George, B.D.S.	1938
Jackson, John Frederick, B.Sc.	1945	°Johnston, Thomas Harvey, D.Sc. (Sydney, 1911)	1923
M.B., B.S.	1951	Johnstone, Percy Emerson, B.A.	1894
Jackson, Norton, B.E.	1941	LL.B.	1898
Jacob, Charles Ernest Frederick, B.E.	1934	Johnstone, William Watson, M.E.	1947
†Jacobs, Alan Brian, B.Ec.	1949	Jolly, Bertram Morris, M.B., B.S.	1937
Jacobs, Doreen Miriam, Mus.Bac.	1941	Jolly, Donald, B.Sc.	1945
Jacobs, Maxwell Ralph, M.Sc.	1936	Jolly, Norman William, B.Sc.	1901
Jacobs, Samuel Joshua, LL.B.	1948	Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930)	1936
James, Alan Treleven, M.Sc.	1949	Jolly, William Alfred Swinburne, B.E.	1948
James, Bertha Gwendoline, B.A.	1934	Jolly, William Richard Norman, B.Sc.	1933
James, Clarence Keith, B.E.	1932	B.A.	1937
James, Colin Thomas, M.B., B.S.	1942	Jona, Jacob, B.Sc.	1908
James, Helen Margaret, B.A.	1941	Jona, Judah Leon, D.Sc.	1910
James, Paul Reuben, M.B., B.S.	1941	M.B., B.S. (Melbourne, 1911)	1917
James, Robert Jeffery, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	M.S.	1919
James, Wesley Hughes, B.Sc.	1919	Jones, Alan Thomas Britten, M.B., B.S.	1921
M.E.	1932	Jones, Albert Edward, LL.B.	1888
James William Rex, M.B., B.S.	1928	Jones, Albert Walter, B.Sc.	1932
Janes, Boris Sebire, M.Sc.	1948	M.A.	1944
Jansen, Marcus Gordon, M.B., B.S.	1943	Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1949
* Deceased. † Not yet Members of the Senate.			



Jones, Dorothy Irene, B.A. - - -	1945	Kelly, Michael, M.D. (M.B., B.S., 1928)	1945
Jones, Edmund Britten, M.B., B.S. -	1910	Kelly, Michael Lawrence, LL.B. - -	1928
Jones, Frederick Wood, D.Sc. (London, 1910) - - -	1920	Kelly, Patrick Joseph, LL.B. - - -	1924
Jones, Geoffrey Hedley, M.B., B.S. -	1947	Kelly, Thomas Davis, M.S. (M.B., B.S., 1934) - - -	1949
Jones, Gwynfred, B.Sc. - - -	1926	Kelly, William Raymond, LL.B. - -	1920
Jones, Herbert William, B.E. - - -	1939	Kelman, Hilda, M.B., B.S. - - -	1948
Jones, Jean Murray, M.B., B.S. - -	1944	B.A. (Western Aust., 1943) - - -	1949
Jones, Kelvin Lindsay, B.Sc. - - -	1945	Kelsey, Oswald Mortimer, B.E. - -	1938
† Jones, Kenneth Thomas, M.B., B.S. -	1951	Kemp, Henry Kenneth, B.Ag.Sc. - -	1933
Jones, Mander, Evan, M.A. (Oxford)	1948	Kendrew, George Harry, M.B., B.S. -	1917
Jones, Margaret Britten, B.A. - -	1947	Kenihan, Raphael Leo, M.B., B.S. -	1915
Jones, Reginald John, B.A. - - -	1948	Kenihan, Robert Austin, M.B., B.S. -	1946
Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941) - - -	1948	† Kennare, Hugh Daly, B.D.S. - - -	1950
Jones, Robert Howard, B.Sc. - - -	1940	Kennedy, Alexander Lorimer, B.E. -	1915
Jordan, Deirdre Frances, B.A. - - -	1947	Kennedy, Josephine Margaret, M.B., B.S. - - -	1939
Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1947	† Kennett, Edmund Richard, B.E. - -	1949
Jose, Edward Salisbury, B.A. (Oxford, 1904) - - -	1905	† Kenny, Daniel Thomas, B.E. - - -	1951
Jose, Geoffrey Alan, M.B., B.S. - -	1948	Kenny, Martin Lance, B.A. - - -	1940
Jose, George Herbert, M.A. (Oxford, 1906) - - -	1906	† Kentish, Timothy David, B.Ag.Sc. -	1949
Jose, Ivan Bede, M.S. (M.B., B.S., 1915) - - -	1923	Keon-Cohen, Russel Hallel, M.A. (Melbourne, 1925) - - -	1945
Joseph, George, LL.B. - - -	1938	† Kerin, John Francis, B.A. - - -	1949
Joyce, Rosalie Woodruff, B.A. - - -	1929	Kerr, Challen Sydney, M.B., B.S. -	1942
Joyner, Malcolm Stewart, B.D.S. - -	1926	Kerr, Colin Gregory, M.A. - - -	1937
Joyner, Max Frederick, LL.B. - - -	1913	Kerr, David Ian Bevis, B.Sc. - - -	1947
Judd, Percival Richard Henry, B.A. -	1934	Kerslake, William James, B.A. - -	1942
B.Ec. - - -	1938	Kessell, John Samuel, M.B., B.S. -	1923
Jude, Gertrude Josephine, B.Sc. - -	1901	† Kessell, Maurice, M.B., B.S. - - -	1950
Judell, Maurice Wolf, B.Sc. - - -	1903	Kessell, Stephen Lackey, M.Sc. - -	1927
Judell, Trevor Leopold, B.Sc. - - -	1947	Kesting, Louis John, B.A. - - -	1944
Judell, Vivienne, LL.B. - - -	1933	† Ketteridge, Ian Bruce, B.E. - - -	1951
Juett, Christina Margaret, M.A. - -	1933	† Keynes, Doris Ruth, B.Sc. - - -	1950
Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909) -	1914	Keynes, Nanette Joan, B.A. - - -	1943
Jungfer, Carl Clifford, M.D. (M.B., B.S., 1936) - - -	1949	† Kidman, Barbara Phyllis, B.Sc. -	1948
Jungfer, Lorenz Wilfred, B.D.S. - -	1933	Kiek, Edward Sidney, M.A. (Oxford, 1910) - - -	1920
Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907) - - -	1914	Kiek, Laurence Edward, M.A. - - -	1949
Jury, Charles Rischbieth, M.A. (Oxford, 1923) - - -	1931	Kiek, Sidney Noel, B.Sc. - - -	1939
		Kiek, Winifred, M.A. (B.A., Manchester, 1907) - - -	1929
		Kies, Alice Andrew, B.A. - - -	1938
		Kildea, Mary Francis, B.A. - - -	1940
		Kilgariff, Joseph Thomas, B.E. - -	1942
		Kilgariff, Ronald Desmond, B.Sc. -	1948
		Killmier, Arthur Clifford, B.A. - -	1929
		Kimber, Hugh Robert Reid, B.E. - -	1940
		Kimber, Pamela, B.A. - - -	1947
		Kindler, Johannes Ernst, M.E. - - -	1930
		King, Colin George, B.D.S. - - -	1938
		King, Donald, M.Sc. - - -	1950
		† King, Leonard James, LL.B. - - -	1951
		Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
		† Kinnear, Andrew Munro, B.E. - - -	1950
		† Kirby, David Bevan, M.B., B.S. - -	1951
		Kirkby, Mary Maude, B.Sc. - - -	1890
		Kirkman, David Norton, M.B., B.S. -	1947
		Kirkman, Edith Doreen, B.Sc. - -	1948
		M.B., B.S. - - -	1951
		Kirkman, Kenneth Hainsworth, LL.B. -	1919
		† Kirkman, Lawrence Hayworth, LL.B. -	1949
		Kitson, Mary Cecil, LL.B. - - -	1916
		Klaebe, Ruth Adelaide, B.A. - - -	1947
		Kleeman, Alfred William, M.Sc. - -	1935
		Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
		† Kleeman, Peter Wallace, B.E. - - -	1951
		Kleeman, Reginald Theodore, B.E. -	1923
		Kleeman, William Hurtle, B.A. - -	1934
		Kleemann, Colin Martin, B.E. - - -	1939
		Klein, Robert, William, M.B., B.S. -	1939
		† Kleinig, Cyril Raymond, B.Ag.Sc. -	1950
		Kloeden, Louis Adolph, B.A. - - -	1948
		Klose, Alfred Emil Johannes, B.A. -	1915
		† Knapman, William Hamilton, B.Sc. -	1951
		Knauerhase (nee Kiek), Margaret Lucy, B.A. - - -	1934
		Knauerhase, Oscar Carl, M.A. - - -	1943
		Kneebone, Christopher Stephen, B.E. -	1920
		† Kneebone, Clive Stuart, M.B., B.S. -	1951
		Kneebone, John Keith, M.B., B.S. -	1947
		Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911) - - -	1921

† Not yet Members of the Senate.

†Kneebone, Nance Gordon, B.A. - - -	1950	†Laubsch, Colin Andrew, B.Sc. - - -	1951
Knight, Percy Norwood, B.A. - - -	1888	Laught, Keith Alexander, LL.B. - - -	1927
Knight, Ronald Barrington, M.B., B.S.	1933	Laughton, Frances Elizabeth, B.A. - - -	1941
Knott, Edgar Donald, B.E. (Interim		Laughton, Rosemary Pauline, B.A. - - -	1945
B.Sc. (Eng.), 1945, surrendered) -	1947	Laurence, Joan Mary, B.A. - - -	1935
†Koch, Colin Barry, B.D.S. - - -	1951	†Lavis, David Milton, B.Sc. - - -	1949
Koch-Emmery, Erwin Karl Theodor,		Lavis, John Frederic, B.D.S. - - -	1945
M.A. (Ph.D., Vienna, 1928) - - -	1938	Law, Gertrude Teresa, M.A. - - -	1924
Koehne, Marjorie Evelyn, B.A. - - -	1931	Lawrence, Alfred Oscar Platt, B.Sc. -	1928
Koehne, Raymond Percy, B.A. - - -	1932	Lawrence, Bruce Ernest, M.B., B.S. -	1927
Koerner, Carl Frederick, M.E. - - -	1933	Lawrence, Gordon Ord, D.D.Sc. - - -	1945
B.Sc. - - -	1928	Lawry, Reginald Arthur, B.A. - - -	1943
Koerner, John Francis, B.E. - - -	1924	Laws, Keith William, B.D.S. (Sydney,	
Kohler, Theodor George, M.B., B.S. -	1946	1924) - - -	1925
Kollosche, Harold Frank, M.B., B.S. -	1915	Lawson, Frederick Henry, B.Sc. - - -	1935
†Koop, Eric John, B.E. - - -	1949	†Lawton, Peter Alan, B.Sc. - - -	1950
†Koop, Peter Malcolm, M.B., B.S. - - -	1949	Laycock, Frederick John, M.B., B.S. -	1941
Krantz, Kenneth David, M.B., B.S. -	1941	Lea, Richard Henry Maclure, B.E. - - -	1925
Krantz, Roy, M.B., B.S. - - -	1930	Leach, Basil Wood, B.D.S. (Melbourne,	
Krantz, Sydney, M.B., B.S. - - -	1927	1920) - - -	1924
†Kranz, Murray Lyall, B.D.S. - - -	1951	Leach, John Brian, B.D.S. - - -	1947
Krause, Malcolm Rex, B.Ag.Sc. - - -	1947	†Leach, Raymond Basil, B.D.S. - - -	1950
Kretschmer, Gaynor Blanche, B.A. - -	1948	†Leach, Robert William, B.A. - - -	1950
Krichauff, George Frederick, B.E. - -	1927	†Leach, Ronald Hubert, B.Sc. - - -	1950
Krieg, Erwin Oswald, B.A. - - -	1947	Leach, William Valentine, M.A. - - -	1933
Krieg, Marcus Gustav, B.A. - - -	1941	Leader, Haynes, LL.B. - - -	1926
Kriehn, Adolf Oscar, M.A. - - -	1926	Leaney, Roy Kent, B.A. - - -	1947
Kriewaldt, Martin Rudolf Chiemnitz,		Leask, John Hunter, B.E. - - -	1938
B.A. (Wisconsin, 1922) - - -	1923	Leaver, Edward, LL.B. - - -	1928
LL.B. - - -	1925	Leaver, Kenneth Batten, B.A. - - -	1942
Kruger, James Morris, B.Sc. - - -	1948	Leckie, Alexander Joseph, Mus.Bac. -	1913
Kuchel, Carl Wilhelm August, M.A. - -	1912	Ledger, Gladys May, B.A. - - -	1912
Kuchel, Clemens Carl, B.Sc. - - -	1934	Ledger, William Henry, B.Sc. (Sydney,	
Kuchel, Rex Harold, B.Sc. - - -	1942	B.E., 1903) - - -	1906
Kuchel, Robert Erwin, B.Sc. - - -	1947	Leditschke, Friedrich Berthold, M.B.,	
Kuhlmann, Herman Frederick, M.B.,		B.S. - - -	1924
B.S. - - -	1943	Lee, Frank Milton, B.A. - - -	1939
†Kumnick, Donald Kerr, M.B., B.S. -	1951	Lee, Heather Vivian, B.A. - - -	1947
†Kutcher, Raymond William Harrold,		Lee, Hector John, M.Sc. - - -	1949
B.E. - - -	1951	Leidig, Ludwig Adolf Emanuel, M.A. -	1926
Kyd, Isabel Somerville, B.A. - - -	1937	Leitch, Oliver Westwood, M.S. (M.B.,	
Kyd, Margaret Florence, B.A. - - -	1941	B.S., 1935) - - -	1947
		LeLacheur, Hellier, B.A. - - -	1915
		LeMaistre, Ray Mauger, B.A. - - -	1939
		Lenckie, Vincent Andrew Howard, B.A.	1940
		LeMessurier, David Hugh, B.Sc. - - -	1932
		LeMessurier, Frederick Neill, M.D.	
		(M.B., B.S., 1913) - - -	1920
		†LeMessurier, Robert Ernest, B.E. - -	1949
		†Lemmey, Ford Prall, B.A. - - -	1951
		Lemon, Arnold William, LL.B. - - -	1936
		Lendon, Alan Harding, M.B., B.S. - -	1927
		†Lendon, Elspeth Lockett, B.A. - - -	1950
		Lendon, Guy Austin, M.D. (M.B., B.S.,	
		1917) - - -	1922
		Lennon, Vincent Francis Bennett,	
		M.B., B.S. - - -	1930
		†Leske, Clive William, B.E. - - -	1950
		Leske, Elmore, B.A. - - -	1947
		Leske, Kenneth Berthold, B.Ag.Sc. -	1948
		Leslie (nee Sharman), Florence Mary,	
		M.A. - - -	1919
		Leslie, Jean, M.A. - - -	1932
		Leslie, Peter William, M.B., B.S. - -	1943
		Le Souef, John Dudley, M.B., B.S. - -	1948
		Letcher, Herbert George, M.B., B.S. -	1927
		†Levitt, Solomon, M.B., B.S. - - -	1950
		Levy, Rose Winstanley, LL.B. (W.	
		Aus., 1941) - - -	1942
		Lewcock (nee Orrock), Ena Beatrice	
		Faith, B.A. - - -	1926
		Lewcock, Harry Kingsley, B.Sc. - - -	1923
		Lewis, Arthur Sangster, B.E. - - -	1930
		Lewis, Aubrey Julian, M.D. (M.B.,	
		B.S., 1923) - - -	1931
		Lewis, Basil Reece, B.Sc. - - -	1944
		Lewis, Colin Hamilton, B.D.S. - - -	1943
		Lewis, David Alfred, B.Sc. - - -	1943
		†Lewis, David Gray, B.Sc. - - -	1949
		Lewis, Eric Henry, M.D. (M.B., B.S.,	
		1906) - - -	1908
		†Lewis, Glen Arthur, B.E. - - -	1949
		†Lewis, Gordon John, B.E. - - -	1951
		†Lewis, Graham Ethelbert, B.Sc. - - -	1950
		Lewis, Gwenyth Elizabeth, B.D.S. - -	1932

† Not yet Members of the Senate.

Lewis, Irene Gwendoline, B.Sc.	1907	†Lungley, Sheila Amelia Gordon, M.B., B.S.	1950
Lewis, John Aylward, M.B., B.S.	1944	Lunn, Margaret Anne, LL.B.	1931
Lewis, Joseph Arthur, B.A. (W. Aus., 1934)	1935	Lushey, Frederick Mayne, B.Ec., 1942	1942
Lewis, Keith Gray, B.Sc.	1940	Lushy, Harold Merton, M.A.	1951
Lewis, Kevin Joseph, B.D.S.	1933	Lushey (nee Wilks), Vida Alice, B.A.	1926
Lewis, Leonard Arthur, B.Sc.	1940	†Lushey, Clarence Richard Paul, B.E.	1950
†Lewis, Mary, B.A.	1949	Lynch, John Henry, B.A.	1947
Lewis, Norman Benjamin, B.Sc.	1947	†Lynn, Kenneth Roy, B.Sc.	1949
Lewis, Raymond Douglas, B.Sc.	1939	Lyon, Hugh Pearson Dunlop, LL.B.	1925
Lewis, Reginald William Frederick, B.E.	1925	Lyons, Henry Emerson Wescombe, M.B., B.S.	1940
†Lewis, Richard Owen, B.A.	1951	Lyons, Ruth, M.B., B.S.	1942
Lewis, Robert Brook, B.Sc. (Melbourne, 1941)	1947	M	
Lewis, Roy Newman, B.Sc.	1945	McAnaney, Rita Margaret, M.B., B.S.	1926
†Lewis, Stuart Hayes, M.B., B.S.	1950	McAree, Francis Edward, M.B., B.S.	1906
†Lewis, Sylvia Hilda, B.Sc.	1950	McAree, John Victor, M.B., B.S.	1905
Leyland, Geoffrey Agar, M.B., B.S.	1944	McAskill, Ronald Fergus, B.E.	1939
†Liddy, Desmond Terence, B.Sc.	1950	†McAuley, John Patrick, B.Ec.	1949
Liebhich, Alvin Frederick, B.E.	1940	Macaulay, Robert Wilson, B.A.	1903
Ligertwood, George Coutts (Warden of the Senate), B.A.	1908	Macbeth, Alexander Killen, D.Sc. (Bel-fast, 1914)	1928
LL.B.	1910	Macbeth, Anna Maureen, B.Sc.	1943
†Ligertwood, James Arthur, B.E.	1950	Macbeth, Patricia Maeva, B.Sc.	1944
Ligertwood, Neil Coutts, LL.B.	1948	McBride, Dorothy Evelyn, Mus.Bac.	1915
†Lilburne, Geoffrey Douglas Roland, M.B., B.S.	1949	†McBride, Glenorchy, B.Ag.Sc.	1951
†Lillecrapp, Douglas Arthur Julian, B.A.	1949	†McBride, Mavis Anne, B.A.	1950
Lillywhite, Cuthbert, B.Sc.	1899	†McBride, Peter, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1949
Lillywhite, John Wilson, B.Sc.	1936	McBride, William John, B.Sc.	1898
Limbirt, Melville Louis, B.E.	1934	McBryde, Frederick Balfour, LL.B.	1912
Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919)	1923	B.A.	1920
Lindsay, Keith Malcolm, B.A.	1939	†McBryde, Ian Balfour, B.E.	1950
Lindsay, Thomas Bruce, M.D.S.	1950	MacCallum, Sir Mungo William, LL.D. (Glasgow, 1906)	1926
Lines, Dean Franc, B.Sc.	1944	†McCallum, Maurice Daniel, M.B., B.S.	1950
Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915)	1933	McCann, John Conleth, B.A.	1941
†Lines, George Edward, B.Ag.Sc.	1951	McCann, Ralph Newton, M.B., B.S.	1946
Linn, Beryl Eileen, LL.B.	1933	McCann, William James, M.B., B.S.	1946
†Linn, Helen Kathleen, B.Sc.	1950	McCarthy, Brian Stephen, M.B., B.S.	1948
Linn, Howard Wadmore, M.B., B.S.	1944	McCarthy, Burnard, B.A.	1926
†Linn, John Graham, M.B., B.S.	1950	McCarthy, Doreen Franklin, B.A.	1931
Linn, Leslie Wadmore, M.B., B.S.	1918	B.Sc.	1940
†Lipman, Rex John, B.D.S.	1951	†McCarthy, Ian John, B.Sc.	1951
Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927)	1942	McCarthy, Peter Paul, LL.B.	1924
D.Sc.	1950	B.A.	1923
†Liston, Mary Howard, B.A.	1950	McCloughry, Claude Lancelot, B.E.	1926
Litchfield, Kenneth Lyle, LL.B.	1935	McConnon, James, B.A.	1925
Llewellyn, Joan Margaret, M.Sc.	1951	†McCormack, Donald Douglas, M.B., B.S.	1951
Lloyd, Denys Morrison, LL.B.	1938	McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922)	1928
Lloyd, Hugh Arthur, M.B., B.S.	1940	McCullough, Amy Margaret, B.A.	1942
Lloyd (nee Smith), Ida Gwendoline Viner, B.A.	1904	†McDonald, Bruce Alexander, B.D.S.	1951
Lloyd, Thomas Rex Viner, B.E.	1932	†McDonald, Colin Robert, B.Sc.	1949
Loan, Edward Charles, B.E.	1903	McDonald, Cyril George Hugh, B.E. (B.Sc., 1913, surrendered for B.E., 1917)	1917
Lock, Maurice Joseph Bayard, B.Sc.	1945	McDonald, Donald Stuart, B.A.	1937
Logan, Ernest Albert William, B.A.	1937	McDonald, Gilbert Sherman, B.A.	1930
†Lohmeyer, Vivian Keith, B.Ag.Sc.	1950	†McDonald, Heather Hunter, B.Sc.	1949
†London, Jack Warfield, B.E.	1951	McDonald, John Hunter, B.A.	1934
Long, Eileen Edith, B.A.	1939	†McDonald, Kenneth Duncan, B.Sc.	1951
Longbottom, David Cox, B.E.	1938	Macdonald, Keith Alexander, LL.B.	1932
Lord, Eric Ross, B.A.	1948	McDonald, Percy William, B.A.	1932
Loutit, John Stuart, B.Sc.	1945	†McDonald, Peter Baker, B.A.	1950
†Lovall, Keith Everett, M.B., B.S.	1949	McDonald, Ross, LL.B.	1913
Love, Clement Vernon, M.B., B.S.	1947	McDonnell, Eileen Mary, B.A.	1929
Love, James Robert Beattie, M.A.	1933	McDonnell, Ellen Mary, B.A.	1943
Love, John Alexander, M.B., B.S.	1915	McDougall, Elisabeth, B.A.	1942
†Love, John Holinger, B.A.	1951	McDougall, John, B.E.	1943
†Loveday, John, B.Ag.Sc.	1951	McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926)	1948
†Loveday, Penelope, B.A.	1951	McEachern, Morven, B.D.S.	1927
Lovick, Lilian Sheelagh, LL.B.	1939	McElligott, John, B.A. (Queensland, 1938)	1940
†Lowe, Daphne Rae, M.B., B.S.	1951	McEvoy, Aloysius John, B.A.	1937
†Lowe, John Charles, B.Sc.	1951	†McEwan, Lena Elizabeth, M.B., B.S.	1949
Lower, Mark Anthony, LL.B.	1948	McEwin (nee Marshall), Betty Waddell, B.Sc.	1943
†Lower, Mostyn Harcourt, B.Sc. (Eng.)	1949	McEwin, John Neil, LL.B.	1928
Lower, Oswald Bertram, M.B., B.S.	1939	McEwin, Keith, M.B., B.S.	1912
Ludbrook, Wallis Verco, B.Sc.	1928		
Ludford, Colin George, B.Sc.	1948		
†Lugg, Margaret Edith, B.A.	1949		
Luke, Thomas Glen, B.Sc.	1925		
Lum, Laurence Claude, M.B., B.S.	1939		
Lundberg, Carl Oscar, B.A.	1933		

† Not yet Members of the Senate.

McEwin, Roderick Gardner, M.B., B.S.	1944	†McMillan, Stanley Lyall, B.Sc.	1949
McFarlane, Eileen Dorothea, B.A.	1943	McMutrie, Alan Ian, B.A.	1935
McFarlane, John Preiss, LL.B.	1936	McMutrie, Colin, B.A.	1925
McFarlane, Trevor Hector, LL.B.	1937	McMutrie, Winifred Joan, B.A.	1935
McFarlane, William Hector, B.Ag.Sc.	1942	McNamara, Agnes, B.A.	1937
McGee, John, LL.B.	1922	McNeil, Ian (formerly John), M.B., B.S.	1918
Macghey, Mary Veta, M.A.	1930	McNicol, David Williamson, B.A.	1937
McGlashan, John Eric, M.B., B.S.	1909	McPharlin, Deane, B.Sc.	1945
McGlashan, John Gardner, M.B., B.S.	1942	McPherson, Alexander Owen, B.Sc.	1928
McGlashan (nee Gardner), Mary Beatrice, B.A.	1909	McPherson, Margaret Helen, B.A.	1951
†McGlasson, William Barry, B.Ag.Sc.	1951	McPherson, Mary, B.A.	1947
McGlew, Phyllis Dorothy, M.B., B.S.	1918	Macpherson, Reginald Murray, B.A.	1947
†McGovern, Thomas Henry, LL.B.	1951	Macpherson, Shirley Helen, B.A.	1941
McGowan, George Murray, B.A.	1938	McPhie, Jean Elsbeth, B.Sc.	1945
†McGowan, Norman Leslie, B.E.	1950	McPhie, John Milroy, M.B., B.S.	1942
McGrath, Ivan Stanley, B.D.S.	1946	McQueen, George Hugh, M.B., B.S. (Melbourne)	1947
†McGrath, Kelvin Paul, B.Sc.	1950	†McRobert, Helen Angus, M.B., B.S.	1949
†McGregor, Gordon Thompson, B.A.	1950	†MacSkimming, Walt Ronald Auscot, B.A.	1950
Machell, John Edward Lewis, B.Sc.	1948	McWhae, Douglas Hope, M.B., B.S.	1945
Machin, George Herbert, B.E.	1934	Maddeford, Sheila Lamont, LL.B.	1927
†McHugh, Edward Charles, LL.B.	1948	Maddern, Cecil Boase, D.D.Sc. (B.D.S., 1924)	1926
†McInerney, Thomas John, B.Sc.	1949	†Maddern, Cecil Pomeroy, B.D.S.	1951
McInerney, Thomas Taylor, LL.B.	1939	Maddern, John Pearce, M.B., B.S.	1948
McIntosh, Gerald Alexander, M.B., B.S.	1944	Maddern, Martin Randall Foss, B.A.	1937
McIntosh, Howie James, B.E.	1927	Madigan, Claire Phyllis, M.Sc.	1951
MacIntosh, Ronald MacKenzie, M.B., B.S.	1941	Madigan, David Cecil, B.Sc.	1937
Mack, Douglas Urban Gilbert, B.A.	1940	Madigan, Paul Edward, LL.B.	1922
Mack, Hans Hamilton, B.A.	1880	Madigan, Russel Tullie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
McKail (nee Boyer), Gertrude Mary, B.A.	1912	Madison, Thomas Glover, M.B., B.S.	1946
Mackail, John William, LL.D. (Edinburgh)	1923	Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900)	1901
MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924)	1924	D.Sc.	1907
McKay, Douglas Gordon, M.B., B.S.	1927	Maegraith, Brian Gilmore, M.B., B.S.	1930
McKay, Malcolm George, B.A.	1947	†Maerschel, Barbara, B.A.	1951
McKay, Malcolm William, B.A.	1936	Magarey, Alexander Roy, M.B., B.S.	1941
McKay, Margaret Ethel, M.Sc.	1938	Magarey, Ashley Henderson, LL.B.	1938
†McKay, Maureen Gordon, B.Sc.	1949	M.B., B.S.	1940
McKay, Ronald George MacAlpine, M.B., B.S.	1941	Magarey, Brian Attiwill, LL.B.	1948
Mackay, Samuel Angus, B.Sc.	1921	Magarey, Frank Rees, M.D. (M.B., B.S., 1935)	1941
McKay, William Alfred, M.A.	1937	Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927)	1939
McKechnie, Alan Francis Clark, B.E.	1924	Magarey, James Rupert, M.S. (M.B., B.S., 1938)	1951
McKechnie, Elizabeth Lawson, B.A.	1926	†Magarey, Katherine Ashley, B.Sc.	1949
McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948	Magarey, Kathleen de Brett, B.A.	1932
†McKenna, Donald George, M.B., B.S.	1949	B.Sc.	1932
McKenzie, Donald Keith, M.B., B.S.	1927	†Magarey, Kevin Barry, B.A.	1950
McKenzie, Mary, M.B., B.S.	1946	†Magarey, Robert Richmond, M.B., B.S.	1951
McKie, Duncan, Mus.Bac.	1938	Magarey, Rupert Eric, M.B., B.S.	1904
McKinnon, George Clarence, B.Sc.	1933	Magor, Clifford James, M.A.	1932
†McKinnon, John Desmond, B.D.S.	1951	Magor, Irvine Frank, B.A.	1936
McKinnon, Robert Campbell, B.A.	1934	Maguire, John Charles, B.A.	1941
†McKinnon, Robert Keith, B.E.	1950	Maiden, Leslie Carrington, B.D.S.	1924
Macklin, Ellen Dulcie, M.Sc.	1927	Main, Arthur Charles, B.E.	1926
Macklin, Laura Muriel Caterer, B.A.	1934	Maitland, James Angus, LL.B.	1932
°Maclaren, Peter Patrick, B.A.	1915	Makin, Frank Humphrey, M.B. (Melbourne, 1901)	1906
†McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935)	1947	Mallan, James Michael, B.D.S.	1927
McLaughlin, Eric Enstone, LL.B.	1935	Mallen, Leonard Ross, M.B., B.S.	1925
McLaughlin, Eugene, M.B., B.S.	1922	Mallyon, Rebecca Oakley Kingsnorth, B.A.	1943
McLean, Albert Eric, M.A.	1931	†Maloney, Joan, B.A.	1951
McLean, Dorothy Alice, B.A.	1927	Maloney, Martin James, B.E.	1928
†McLean, Murray Colin, B.A.	1949	Maloney, Vernon Thomas Steven, B.Sc.	1929
McLean, Reginald Alexander, B.A.	1932	Mander, Linden Alfred, M.A.	1920
McLean, Sibeley Jean, M.Sc.	1951	†Mander, Suzanne Flora, B.Sc.	1949
McLeay, Donald Barton, M.B., B.S.	1947	†Manea, Ernest Cosmo, M.B., B.S.	1949
†McLeay, Helen Mary, B.A.	1950	Mangan, John Arthur Leslie, LL.B.	1927
MacLennan, James Sydney Kilcoy, LL.B.	1906	Mann, Gertrude Irene, B.A.	1919
McLeod, Allan John, B.Sc.	1939	Mannes, Sylvester Joseph, B.A.	1938
†McLoughlin, Vincent Patrick, B.A.	1949	Manoel, Eva Mary, B.A.	1938
†McMahon, Francis Leslie, B.Ec.	1951	†Mansbridge, Harold Edgar, B.Sc.	1949
Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	†Mansfield, Eric William, B.E.	1950
McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944	Mansfield, William Walladge, B.Sc.	1943
†McMichael, Kenneth Price, B.E.	1950	†Manthorpe, Thomas Dion, M.B., B.S.	1951
†McMillan, Raymond, B.E.	1949	Manuel, James Douglas, B.A.	1944
		†Marcus, Irving, M.B., B.S.	1951
		†Manuel, Deane James Hubert, B.Ec.	1950

\* Deceased.

† Not yet Members of the Senate.

†Marker, William Herman, B.E.	1949	Mead, Dorothy, B.A.	1927
Marlow, Alfred Dudley Roy, B.Sc.	1938	†Mead, John William, B.Ec.	1950
Marrison, Robert James, B.Sc.	1918	Mead, Marjory, B.A.	1933
†Marriner, Frank Wilfred, B.Sc.	1949	Meaker, Arthur Reginald, B.A.	1940
†Marriott, John Edward, B.D.S.	1951	†Meaney, Maxwell Francis, B.Sc.	1950
†Marsh, Charles William, B.E.	1950	Measday, Ellen May, B.A.	1940
Marshall, Herbert Edmund, B.A.	1940	Measday, Jack William, B.E.	1948
Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.), West Australia, 1929)	1933	†Medlin, Edwin Harry, B.Sc.	1949
M.Ag.Sc.	1933	Medlow, David, B.Sc. (Eng.)	1944
Marshman, Ashley Mead, B.A.	1936	Meiers, John Maurus, B.A.	1937
Marshman, Wesley Melvyn Tiller, B.D.S.	1924	Melbourne, Henry Eoin Sydney, B.E.	1920
†Marston, Colin Frederick, B.E.	1951	†Melbourne, William Henry John, B.A.	1949
Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912)	1913	Meldrum, Edgar Albert, B.D.S. (Sydney, 1924)	1925
Martin, Alfred Irwin, B.E.	1928	Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge)	1951
†Martin, Alfred William, B.A.	1950	Mellor, Geoffrey Lloyd, M.B., B.S.	1947
Martin, Amalia Anna, B.A.	1930	Mellor, Thomas Reginald, LL.B.	1920
Martin, Bernice Wilma, B.A.	1945	Mellows, Peter Ernest, M.B., B.S.	1947
Martin, Sir Charles James, D.Sc. (London, 1896)	1931	Melville, Sidney John, LL.B.	1921
Martin, David Elwes, B.E.	1947	Menear, Ira, B.A.	1927
Martin, David Montgomerie, B.Sc. (Eng.)	1945	Menz, Anna Magdalene Augusta, B.A.	1918
Martin, Frederick Clarence, M.A.	1932	Menz, Emmi Margarete, B.A.	1932
Martin, Ian Holland, M.B., B.S.	1942	Menz, William John, B.Ec.	1948
Martin, John Claude, LL.B.	1905	Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Martin, Lincoln William, M.B., B.S.	1931	Mercer, Edgar Howard, B.Sc.	1935
Martin, Maurice Leon, B.Sc.	1945	Mercer, Frank Verdun, B.Sc.	1942
Martin, Ralph Keith, B.A.	1947	†Merrett, James Laurence, B.Sc.	1949
Martin, Stanley Bamford, M.B., B.S.	1946	Mertin, Jack Victor, B.Ag.Sc.	1944
†Martin, Trevor Wallis, B.D.S.	1950	Messent, Esther Mary, B.A.	1928
Martin, Walter Raymond, B.A.	1938	Messent, Keith Santo, B.E.	1920
Martin, William Thomas, B.A.	1914	Messent, Philip Santo, M.S. (M.B., B.S., 1918)	1923
Maschmedt, Zillah Daisy, M.A.	1947	Meyer, Heinrich Carl, B.Sc.	1932
Mason, Bruce, B.Sc.	1938	†Michael, James Henry, B.Sc.	1951
†Mason, Robert Claud, B.Sc.	1951	†Michael, Maxwell Roy, B.E.	1951
Masters, Ross Lincoln, B.Sc.	1924	†Michael, Peter William, B.Ag.Sc.	1951
Mather, Keith Benson, B.Sc. (Eng.)	1942	Michell, Charles Francis, M.B., B.S.	1921
M.Sc.	1944	Michell, Mignon Norma Howard, B.A.	1944
Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948	Michelmores, Walter Maxfield, B.Sc.	1941
†Matheson, Pamela, B.Sc.	1949	Middleton, Melville John William, B.A.	1941
Mathews, David Stanley, B.Sc.	1938	Middleton, William Thomas Steele, B.Sc.	1947
B.A.	1940	Miethke, Adelaide Laetitia, B.A.	1924
†Matters, Horace John, B.A.	1950	†Milazzo, Stephen Charles, M.B., B.S.	1949
Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916)	1929	†Miles, Perry Ambrose, M.Sc.	1951
M.S.	1935	Milesi, Angelo John, B.Sc.	1927
Mathews, Gladys Mary Palmer, LL.B.	1935	†Millard, Colin, B.Ec.	1950
Mathews, Harold Pfaum, B.E.	1927	Miller, Annie Rose, B.A.	1934
Mathews, Maurice John, M.B., B.S.	1944	Miller, Beryl Jessica, B.A. (Tasmania, 1923)	1924
Mathews, Richard Trahair, B.A.	1941	Miller, Ian Lindemann, M.B., B.S.	1938
Mathews, Richard Twitchell, B.A. (London, 1883)	1884	†Miller, Joseph Brendan, B.E.	1951
Mathews, Robert Stephen, B.Sc.	1948	†Miller, Leslie Gordon, M.B., B.S.	1949
Mattingley, Brian John, B.A. (Tasmania, 1937)	1938	Miller, Malcolm William, M.B., B.S.	1932
Mattner, Ivy Ida, B.A.	1948	Miller, Margaret Una, B.A.	1928
†Mattner, Philip Edward, B.Ag.Sc.	1949	Miller, Raymond Orlando Maurice, B.A.	1905
†Matulich, Ross Noel, LL.B.	1950	Miller, Robert Lionel, B.Sc.	1942
Mawby, Olga Gates, B.A.	1922	M.B., B.S.	1947
Mawson, Sir Douglas, D.Sc. (B.Sc., Sydney, 1901)	1909	Millhouse, Glenn, B.D.S.	1948
Mawson, Jessica Quita, B.Sc.	1939	†Millhouse, Robin Rhodes, LL.B.	1951
Mawson, Patricia Marietje, M.Sc.	1938	Millhouse, Vivian Rhodes, LL.B.	1939
May, Dorothy Mary, B.A.	1938	Mills, Barbara Joyce, B.A.	1938
†May, Lancelot Harris, B.Sc.	1949	Mills, Dorothy Nell, B.A.	1928
May, Leonard Seymour, B.Sc.	1926	Mills, Eric Baxter, B.E.	1929
May, Roland George, Mus.Bac.	1939	Mills, John Archer, M.Sc.	1944
Maynard, Donald Archer Scott, B.Sc. B.A.	1938	Mills, John Brabyn, B.Sc.	1936
Zealand, 1926)	1937	Milne, Annie Johnson, B.A.	1936
Mayo, Clarice Elton, B.A.	1935	†Milne, Kenneth Harvey, B.E.	1925
Mayo, George Elton, M.A.	1926	†Milne, Kevin Fowler, M.B., B.S.	1951
Mayo, George Melrose Elton, B.Ag.Sc.	1945	Milner, Desmond Walter, B.E.	1936
Mayo, Helen Mary, M.D. (M.B., B.S., 1902)	1926	Milton, Gerald White, M.B., B.S.	1947
Mayo, Herbert, LL.B.	1909	Minahan, Agnes Cecelia, M.A.	1933
Mayo, John Christian, M.D. (M.B., B.S., 1913)	1946	Minson, Charles Stanley, B.Ec.	1939
Mayo, Mary Penelope, M.A.	1937	Mitchell, Betty Dawn, B.A.	1947
		Mitchell, Donald Thomas, B.E.	1930
		Mitchell, Ernest Edwin, Mus.Bac.	1923
		Mitchell, Frank Wyndham, B.Sc.	1927
		B.A.	1933
		M.A. (Ph.D., Lond., 1937)	1943
		Mitchell, Geoffrey George, M.Sc.	1951
		Mitchell, George Thomas Jeffrey, M.A.	1932
		Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948

† Not yet Members of the Senate.

Mitchell, Mark Ledingham, B.Sc.	- -	1923	†Mueller, Malcolm Dudley, B.E.	- -	1950
Mitchell, Percival Harris, B.A.	- -	1906	†Mueller, Merna Alma, M.B., B.S.	- -	1950
Mitchell, Roma Flinders, LL.B.	- -	1934	Mueller, Rae Vernon, B.Sc.	- -	1944
Mitchell, Thomas Oliver, B.Ag.Sc.	- -	1933	†Muetzelfeldt, Dorothea, B.A.	- -	1951
Mitchell, Sir William, M.A. (Edinburgh, 1886)	- -	1895	Muetzelfeldt, Elfriede Elise, M.A.	- -	1950
†Mitchell, William Robert, B.E.	- -	1950	Mugford, Frank Kenneth, M.B., B.S.	- -	1925
Mitchell, William Russell, B.E.	- -	1948	Mugford, Lancelot Suckling, B.A.	- -	1945
Mitton, Ronald Gladstone, M.Sc.	- -	1928	Mugford, Rex Ernest, B.A.	- -	1944
Mizon, Errol Alfred, B.Sc.	- -	1948	†Muirden, Elizabeth Alice, B.A.	- -	1950
Moffatt, Betty Josephine Margaret Douglas, B.A.	- -	1946	Muirden, Hector Raymond, B.A.	- -	1930
LL.B.	- -	1947	†Muirhead, Andrew Mackinnon, B.D.S.	- -	1950
Moffat, Dorothy Joan, B.A.	- -	1944	Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.) 1943 surrendered)	- -	1950
Moffat, May Josephine, M.B., B.S.	- -	1911	†Muirhead, James Henry, LL.B.	- -	1950
Mofflin, Lionel Hugh, M.B., B.S.	- -	1948	Muirhead, Leonard Graeme, M.B., B.S.	- -	1911
Mollineux, Ronald Eugene, B.E.	- -	1947	†Muirhead, Mortimer John Croft, M.B., B.S.	- -	1949
†Molloy, Raymond Brian, B.A.	- -	1950	†Muizulis, Voldemars, B.E.	- -	1951
Moncrieff, Josephine Hartley, B.A.	- -	1911	Mules, Betty Lavina, B.A.	- -	1945
Moncrieff, Mary Kathleen, B.A.	- -	1910	Mullen, Brian Anthony, LL.B.	- -	1935
Monfries, John William Elliott, B.D.S.	- -	1924	†Muller, Peter Neil, B.E.	- -	1949
Mongan, Horace John, B.E.	- -	1918	†Mumme, Ivan Albert, B.Sc.	- -	1949
Moodie, Colin Troup, LL.B.	- -	1934	†Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered)	- -	1949
Moodie, Robert Beresford, LL.B.	- -	1931	Munday, Neill Horace, M.B., B.S.	- -	1924
Moore, Alan Walter, B.Ag.Sc.	- -	1948	Mundy, Kevin Arnold, B.A.	- -	1936
Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921)	- -	1926	Munn, Bertha Helen Temple, B.A.	- -	1917
Moore, Bertie Harcourt, M.E. (B.Sc. 1900, surrendered for B.E., 1913) D.Sc.	- -	1913	Munn, Sydney Morris, B.A.	- -	1940
Moore, Donald Rex, B.Sc.	- -	1922	†Munro, Barbara Joan, B.A.	- -	1951
Moore, George Douglas, B.Sc.	- -	1904	†Munro, Ian Alexander, B.Sc.	- -	1949
Moore, Harold Robinson, M.B., B.S.	- -	1945	†Murdoch, Bronwen, B.A.	- -	1950
Moore, Humphrey Owen, B.Sc.	- -	1932	Murn, Vincent Alan, B.E.	- -	1941
†Moore, Kevin Reading, B.D.S.	- -	1951	Murphy, Evangeline, B.A.	- -	1907
Moore, Max Clifford, M.B., B.S.	- -	1946	Murphy, Margaret Jane, B.A.	- -	1947
Moore, Phyllis Mary, B.A.	- -	1909	Murphy, Mary, B.A.	- -	1933
†Moore, Robert Brian, B.Sc.	- -	1950	Murphy, Peter Raymond, B.Sc. (Eng.)	- -	1943
Moran, Francis Brian, LL.B.	- -	1948	Murphy (nee Glynn), Shylie Patricia, B.A.	- -	1942
Moran, John Francis, B.D.S.	- -	1941	Murray, Gordon Seymour, M.B., B.S.	- -	1944
Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	- -	1947	†Murray, Noel William, B.E.	- -	1950
More, William St. Barbe, B.Sc. (Western Australia, 1922)	- -	1947	Murray, Philomena Mary, B.A.	- -	1934
Moreland, Jack, M.B., B.S.	- -	1926	†Murrell, Helen Calvert, B.Sc.	- -	1949
†Morey, Burnard Spondley, B.Sc.	- -	1950	Musman, Roma Josephine, B.A.	- -	1943
Morey, Geoffrey Winton, M.B., B.S.	- -	1926	Mutton, Henry Edwin Howard, M.A.	- -	1922
Morgan, David Archibald Stevenson, M.B., B.S.	- -	1943	Myers, Arthur Mervyn, M.B., B.S.	- -	1933
Morgan, Edward James Ranembe, LL.B.	- -	1920	Myhill, Reuben John, B.D.S.	- -	1948
Morgan, Eric Desmond, B.D.S.	- -	1948			
Morgan, John Phillip, B.Sc. (Eng.)	- -	1944	N		
Morgan, Olwen Esther, B.A.	- -	1930	Nagel, Norman Edgar, B.A.	- -	1945
Morgan, William Matheson, B.E.	- -	1930	†Nairn, John Wallace, B.E.	- -	1949
†Morphett, Anthony Eddy, B.Sc.	- -	1950	†Nairn, Peter Ross, B.E.	- -	1949
Morris, Hildred Ione, B.A.	- -	1929	†Nairn, Robert Ian, B.D.S.	- -	1951
†Morris, John Lennox, B.A.	- -	1949	Nairne, Alexander Livingstone, M.A.	- -	1905
†Morris, Kerwin William, B.Sc.	- -	1949	Nairne, William Archibald Jock, M.B., B.S.	- -	1927
†Morris, Lenore, B.Sc.	- -	1950	Nancarrow, Cyril Gawler, LL.B.	- -	1936
Morris, Lyndall Erica, B.A.	- -	1924	Nancarrow, Jean Isobel, B.A.	- -	1947
Morris, Mervyn Charles, LL.B.	- -	1923	Nancarrow, Malcolm Ewart, M.B., B.S.	- -	1946
Morriss, Elsie, M.A.	- -	1931	Nankivell, John Thomas, B.A. (Cambridge, 1871)	- -	1877
Mortimer, Peter Inkster, B.Sc.	- -	1943	Nankivell, Joseph Frank, B.Sc.	- -	1945
Morton, Christopher Gordon, B.E.	- -	1924	Nankivell, Maxine Vera, B.A.	- -	1945
Moss, Colin Lance, B.A.	- -	1939	†Nankivell, William Field, B.Ag.Sc.	- -	1950
Motteram, Philip, B.E.	- -	1914	†Napier, Bruce, B.D.S.	- -	1949
Motteram, Reginald, B.Sc.	- -	1934	Napier, Sir Thomas John Mellis, LL.B.	- -	1902
M.B., B.S.	- -	1939	†Naughtin, Patrick Chanel, B.A.	- -	1949
Moulden, Arnold Meredith, LL.B.	- -	1914	Naylor, John Colenso, LL.B.	- -	1923
Moulden, John Owen, LL.B.	- -	1938	Naylor, Margaret Mary Jessie Darnley, B.A.	- -	1920
Moulden, Owen Meredith, M.B., B.S.	- -	1910	Naylor, Rupert Leslie, M.B., B.S.	- -	1924
Mounster, Valerie Luella, B.A.	- -	1928	Neale, Nancy Gwennyth, M.Sc.	- -	1945
Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934)	- -	1934	Neale, Shirley Margaret, B.Sc.	- -	1946
Moyes, John Stoward, M.A.	- -	1907	†Neck, Maurice Allan, B.E.	- -	1950
Moyes, Morton Henry, B.Sc.	- -	1910	Nelligan, Joseph William, LL.B.	- -	1921
†Moyle, Francis James, B.Sc.	- -	1950	Nelson, Archibald John Alexander, B.A.	- -	1938
Moyle, Sidney, M.A.	- -	1917	Nelson, Cynthia, B.A.	- -	1945
B.Sc.	- -	1926	†Nelson, James Angus, B.E.	- -	1949
Moyes, Bertram Ivey, B.E.	- -	1937	Nelson, William Barton, B.E.	- -	1924
Mudie, George Dempster, B.E.	- -	1921	Nettle, Richard William, B.E.	- -	1941
Muecke, Douglas Colin, B.A.	- -	1948	Neuling, Herman James, B.E.	- -	1937
Muecke, Francis Frederick, M.B., B.S.	- -	1902	Neuenkirchen, George Murray, B.E.	- -	1947
Mueller, Edwin Albert, B.A.	- -	1939	Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896)	- -	1902
			Newland, Malcolm Creswell, M.B., B.S.	- -	1938

† Not yet Members of the Senate.

Newland, Nancy Benning, LL.B.	- - -	1937	†O'Connor, Deirdre Catherine, B.A.	- - -	1950
Newman, Bernard William, B.Sc.	- - -	1934	O'Connor, Denise Christobel, B.A.	- - -	1947
Newman, Edgar Harold, LL.B.	- - -	1894	†O'Connor, Diana Jean, M. B., B.S.	- - -	1949
Newman, Kenneth Fisher, B.Ec.	- - -	1936	†O'Connor, Peter Joseph, B.A.	- - -	1951
B.A.	- - -	1940	O'Connor, Playford D'Arcy, M.B., B.S.	- - -	1938
Newman, Lewis Arthur, B.Sc.	- - -	1925	O'Connor, Richard Joseph, M.D.	- - -	
Newman, Olive Gertrude, B.Sc.	- - -	1909	(M.B., B.S., 1932) - - -	- - -	1939
Newman, Ralph Frederic, LL.B.	- - -	1945	O'Connor, Walter John, M.D. (M.B.,	- - -	
Newnam, William Arthur, M.B., B.S.	- - -	1946	B.S., 1934) - - -	- - -	1938
†Nicholas, Herbert Ahearn, B.D.S.	- - -	1950	O'Daniel, Lionel James, B.E. (Interim	- - -	
Nicholas, Rowland John, B.A.	- - -	1943	B.Sc. (Eng.), 1944, surrendered)	- - -	1947
Nicholls, Barbara Kuru, B.A.	- - -	1941	O'Dea, Kathleen Mary, M.B., B.S.	- - -	1948
†Nicholls, Colin Herbert, B.Sc.	- - -	1949	Odlum, Leonard Ralph, B.Sc.	- - -	1937
Nicholls, Donald Alfred, M.B., B.S.	- - -	1945	Odlum, Reginald Lance, LL.B.	- - -	1937
†Nicholls, Edward Maxwell, M.B., B.S.	- - -	1949	Odlum, Vernon James, M.B., B.S.	- - -	1939
Nicholls, Henry, B.E.	- - -	1938	O'Donoghue, Kenneth Kilian, M.A.	- - -	1951
Nicholls, Jack Montague, M.B., B.S.	- - -	1946	O'Donoghue, Stephen Kevin, B.A.	- - -	1912
Nicholls, James Herschel, M.B., B.S.	- - -	1942	†O'Donoghue, Raymond Francis, B.Ec.	- - -	1951
Nicholls, Jonathan Kingsley, B.A.	- - -	1924	†Offord, Thomas Frank, B.Sc.	- - -	1951
Nicholls, Kelyvn Elmo, M.B., B.S.	- - -	1948	†O'Hara, Brian Isidro, M.B., B.S.	- - -	1950
†Nicholls, Leslie Albert, B.Sc.	- - -	1949	Ohlstrom, Leonore Annie, B.A.	- - -	1929
Nicholls, Leslie Herbert, B.A.	- - -	1893	Oldfield, Frederick Bernam, B.Sc.	- - -	1923
Nicholls, Leslie Thorncliffe, B.E.	- - -	1948	Oldfield, Neil, M.B., B.S.	- - -	1940
†Nichols, Ian Andrew, B.A.	- - -	1951	Oldham, Brenda Helen, B.A.	- - -	1941
Nichols, Reginald Clarence, B.Sc.	- - -	1945	Oldham, Marjory (nee Anderson), B.A.	- - -	1915
Nichols, Trevor Charles, B.Sc.	- - -	1948	Oldham, Wilfred, M.A.	- - -	1920
Nicholson, Hugh John Gay, B.E.	- - -	1916	Oldham, Wilfred Hugh, B.E.	- - -	1948
Nicholson, Ian Lancaster, B.E.	- - -	1939	†O'Leary, Patrick Damian, B.D.S.	- - -	1951
Nichterlein, Frieda Pauline, B.A.	- - -	1948	Oliphant, Marcus Lawrence Elwin,	- - -	
Nichterlein, Otto Erhardt, M.A.	- - -	1935	B.Sc.	- - -	1923
M.D. (M.B., B.S., 1940) - - -	- - -	1943	Oliver, Archibald Robert, B.E.	- - -	1941
Nicolson, Murray Thomas, B.Sc.	- - -	1945	Oliver, Robert Wallace (Interim B.Sc.	- - -	
†Nietz, Arno Oscar, B.A.	- - -	1951	(Eng.), 1943, surrendered), B.E.	- - -	1945
Nietz, Herbert Walter, M.A.	- - -	1918	O'Loughlin, Irene May, M.B., B.S.	- - -	1938
B.Sc.	- - -	1921	†O'Loughlin, Kevin Thomas, LL.B.	- - -	1949
†Nilsson, Neil Alfred, B.A.	- - -	1951	Olsen, Paul Engberg, B.E.	- - -	1941
Nilsson, Reginald Hakan, B.Ec.	- - -	1944	Olssen, Edwin Alexander, M.A.	- - -	1947
Ninnes, Arthur Reginald, B.A.	- - -	1943	Olsson, Athol Julius, LL.B.	- - -	1920
†Nitschke, John Edwin, B.E.	- - -	1949	O'Malley, Charles Ernest Denis, B.E.	- - -	1932
Noack, Charles Hugh, M.B., B.S.	- - -	1941	O'Malley, John Edwin, B.A.	- - -	1945
Noall (nee Piercy), Olive Edriss, B.A.	- - -	1935	†Omond, D'Arcy James, B.E.	- - -	1949
Nobbs, Jack McKay, M.Sc.	- - -	1951	†O'Neil, Cornelius Patrick, B.A.	- - -	1949
Nobbs, William David, LL.B.	- - -	1949	†O'Neill, Marguerite, B.A.	- - -	1949
Nobes, Edith Dorothy, B.Sc.	- - -	1921	†Opie, Brian Preston, B.E.	- - -	1949
Noble, Andrew Morden, B.E. (Interim	- - -		†Opie, Roger Gilbert, M.A.	- - -	1951
B.Sc. (Eng.), 1944, surrendered)	- - -	1948	Opie, Thomas Schulz, B.A.	- - -	1923
Noble, George Grant, LL.B.	- - -	1937	†Opit, Louis Jonah, M.B., B.S.	- - -	1949
†Noblett, David John, B.E.	- - -	1950	O'Neill, Sydney, M.B., B.S.	- - -	1917
Noblett, Hedley Lindsay, B.A.	- - -	1926	Osborn, Edith May, B.Sc. (M.Sc., Man-	- - -	
Noltenius, Harry Edward, B.A.	- - -	1902	chester, 1908) - - -	- - -	1912
Norgard, John Davey, B.E.	- - -	1937	†Osborn, Peter William, B.Sc.	- - -	1949
Norman, Albert Edward, B.A.	- - -	1948	Osborn, Rowen Frederic, B.A.	- - -	1947
†Norman, Arthur Edward, B.Sc.	- - -	1949	Osborn, Theodore George Bentley,	- - -	
Norman, Harold Ashley, LL.B.	- - -	1947	B.Sc. (M.Sc., Manchester, 1911) - - -	- - -	1912
Norman, William Ashley, LL.B.	- - -	1911	Osborn, Thomas Raymond, B.Sc.	- - -	1942
Norman, William Gowan, M.B., B.S.	- - -	1938	Osman, Boris, B.E.	- - -	1940
North, Rita Bridget Rice, LL.B.	- - -	1945	Osman, Neile, M.A.	- - -	1945
North, William Ian, M.B., B.S.	- - -	1939	†Osmond, Phyllis Dawn, B.A.	- - -	1949
Northey, James Douglas, B.A.	- - -	1919	†O'Sullivan, James David, LL.B.	- - -	1949
Northmore, Sir John Alfred, LL.B.	- - -	1887	Othams, Dorothy Elizabeth, B.A.	- - -	1925
Nossal, Peter Mary Joseph Julius,	- - -		Othams, Herbert Reginald, B.A.	- - -	1937
M.Sc. (Sydney, 1948) - - -	- - -	1949	Otto, Max Arthur, B.E. (Interim B.Sc.	- - -	
Nott, Harry Carew, M.B., B.S.	- - -	1913	(Eng.), 1947, surrendered) - - -	- - -	1948
†Nunn, George Marshall, M.B., B.S.	- - -	1951	Owen, Gwenyth Winsome, B.A.	- - -	1941
Nunn, Kevin Joseph, B.Sc.	- - -	1942	Owens, Arthur John, B.Sc.	- - -	1926
O					
Oaten, Harold Richard Hugh Noel,	- - -		P		
M.B., B.S.	- - -	1935	Packer, Arthur Dudley, M.Sc.	- - -	1951
Oats, William Nicolle, B.A.	- - -	1932	M.D. (M.B., B.S., 1942) - - -	- - -	1951
†O'Brien, Brian David, B.E. (B.Sc.	- - -		Packer, Mina, B.D.S.	- - -	1933
(Eng.), 1948, surrendered) - - -	- - -	1949	Padman, Clara Helen, B.A.	- - -	1904
†O'Brien, Francis John Romuald, B.A.	- - -	1951	Padman, Mabel Margaret, B.A.	- - -	1941
O'Brien, Hartley Eric, B.A.	- - -	1939	Padman, Marsden Waterhouse, B.E.	- - -	1923
O'Brien, John Alexander, M.B., B.S.	- - -	1947	Padman, Maurice Skipsey, B.A.	- - -	1931
†O'Brien, John Aloysius, B.Ec.	- - -	1951	Padman, William Donald, LL.B.	- - -	1933
O'Brien, Maurice Aloysius, B.A.	- - -	1945	†Paech, Bernice Mary, B.A.	- - -	1950
†O'Brien, Ross Pagden, B.E.	- - -	1949	Paech, John Adolph, B.A.	- - -	1942
†O'Callaghan, Desmond Joseph, B.Sc.	- - -	1949	Page, Albert Edward, B.A.	- - -	1914
O'Callaghan, Miah Patrick, LL.B.	- - -	1937	Page, Eleanor Florence, B.A.	- - -	1940
Ockenden, Ralph David, B.D.S.	- - -	1948	Page, Geoffrey Wilton, B.D.S.	- - -	1940
Ockenden, Robert Hartley, B.Ec.	- - -	1951	Page, Gertrude Erica, B.Sc.	- - -	1945
†Ockendon, Garth Palmer, B.A.	- - -	1950	†Page, Maurice Roy, B.E.	- - -	1950
O'Connell, William Bernard, M.A.	- - -	1933	†Page, Ronne Earle, B.A.	- - -	1949
			Pahl, Paul David, B.A. (N.Z., 1941) - - -	- - -	1943

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Paine, Helen, B.A. - - - - -	1938	Pellow, Janie Christobel, B.D.S. - - -	1932
Paine, Herbert Kingsley, LL.B. - - -	1904	Pellow, Lancelot Vivian, LL.B. - - -	1922
Paine, Janet, B.A. - - - - -	1944	Pellow, Leonard James, M.B., B.S. - -	1906
Painter, Rowland George, B.A. - - -	1934	Pellow, Leonard James Ternouth, M.B.,	
i.B., B.S. - - - - -	1947	B.S. - - - - -	1932
Paley, Clifford Arnold, B.A. - - - -	1939	Pellow, Richard Alfred Amyas, M.B.,	
Palmer, Ernest William, LL.B. - - -	1939	B.S. - - - - -	1934
†Paltridge, Angus Lindsay, B.Ec. - - -	1951	Pelton, Louis Alfred Hall, B.Sc. (Eng.)	1942
Paltridge, Richard Noel, B.Sc. - - -	1947	Pengelley, Hugh Price, B.E. - - -	1945
Paltridge, Terence Brady, B.Sc. - - -	1926	Pengilly, Clifford Kipling, B.E. - - -	1930
†Pannell, Peter John, B.E. (Interim		†Penglase, Dean Trestrail, B.E. - - -	1951
B.Sc. (Eng.) 1947 surrendered) - - -	1950	Pennington, Beryl, B.A. - - - - -	1942
†Parham, Elizabeth Ann, B.A. - - - -	1950	Penny, Harold John, M.B., B.S. - - -	1913
Park, Ruth Alison, B.A. - - - - -	1939	Penny, Hubert Harry, M.A. - - - - -	1932
Parker, Cecil David, B.Sc. - - - - -	1932	Pennyquick, Stuart Wortley, D.Sc.	
Parker, George Lucas, B.E. - - - - -	1948	(B.Sc., Queensland, 1919) - - -	1923
Parker, Mina Evelyn, B.A. - - - - -	1930	Pentreath, Arthur Godolphin Guy	
†Parker, Murray Harold, B.Sc. - - - -	1950	Carleton, M.A. (Cambridge, 1928) - -	1935
Parkhouse, Devon, M.B., B.S. - - - -	1907	Pereira, John Evelyn De Haan, B.A. - -	1945
Parkhouse, Thomas William, B.Sc. - -	1940	Perkins, Horace James, Mus.Doc. - - -	1943
Parkin, Dorothy Joan, B.A. - - - - -	1936	†Perkins, Marie Pauline, B.A. - - - -	1949
Parkin, Leslie Wedgwood, M.Sc. - - -	1949	†Perry, Audrey Vivienne, LL.B. - - -	1949
†Parkinson, Kevin John, B.Sc. - - - -	1949	Perry, Dulcie May, B.A. - - - - -	1939
Pary, Doris, B.A. - - - - -	1931	Perry, Rayden Alfred, B.Sc. - - - - -	1947
†Parsons, Albert Christian, B.E. - - -	1950	Peters, Brian Harry, M.B., B.S. - - -	1948
†Parsons, Barbara, B.A. - - - - -	1949	Peters, Geoffrey Ernest, B.A. - - - -	1925
Parsons, Geoffrey Bonython Angus,		M.B., B.S. - - - - -	1927
M.A. (Cambridge, 1932) - - - - -	1935	Peters, George Francis, B.Sc. - - - -	1948
Parsons, Harold Stephen, Mus.Bac. - -	1912	Peterson, Jean Clarice, B.A. - - - - -	1940
Parsons, Philip Brendon Angus, LL.B.	1928	Petrie, Charlotte Marion, M.A. (St.	
Parsons, Ralph Whaddon, B.E. - - - -	1948	Andrews, 1923) - - - - -	1939
Parsons, Rex Whaddon, M.E. - - - - -	1926	Petrie, Enid Beatrice, Mus.Bac. - - -	1935
Parsons, Ronald Lewis, B.E. - - - - -	1942	Pettit, Rowland, M.Sc. - - - - -	1950
Parsons, William Ross, B.A. - - - - -	1948	†Pfeiffer, Gordon James, B.D.S. - - -	1949
Parton, Arthur Leigh, M.B., B.S. - - -	1944	Pfeiffer, Norman, B.A. - - - - -	1938
Partridge, Wilfrid Gordon McDonald,		Pfitzner, Eric Norman, M.A. - - - - -	1933
M.A. - - - - -	1947	Phillips, Herbert Tarlton, B.Sc. - - -	1905
Pascoe, Douglas Everett, B.Ec. - - - -	1948	†Phillips, Keith Herbert, B.E. - - - -	1951
Pash, Hannah June, M.B., B.S. - - - -	1946	Phillips, Albert Maurice, B.E. - - - -	1941
Pash, Hannah Rita, B.A. - - - - -	1930	Phillips, Alan Dunstan, M.B., B.S. - -	1947
Pash, Jeffrie Herbert, B.A. - - - - -	1938	†Phillips, Basil Wright, B.D.S. - - - -	1950
Pash, Spencer, B.Sc. - - - - -	1943	Phillips, Charles Leslie, B.D.S. - - -	1926
†Pater, Graham Stephen, B.D.S. - - - -	1951	†Phillips, Colin William, M.B. B.S. - - -	1951
†Paterson, Alexandra Jean, B.Sc. - - -	1949	Phillips, Ernest, LL.B. - - - - -	1908
†Paterson, Alfred Harold, B.A. - - - -	1937	Phillips, Gordon Gilbert, B.A. - - - -	1940
†Paterson, John Levett, B.E. - - - - -	1950	Phillips, James Henry, B.E. - - - - -	1948
†Paterson, Keith McGregor, B.E. - - -	1932	Phillips, James Howard, B.Sc. - - - -	1902
Paterson, Mervyn Silas (Interim B.Sc.		Phillips, Muriel Edith, B.A. - - - - -	1935
(Eng.), 1943, surrendered) B.E. - - -	1945	Phillips, Murray Norman (Interim B.Sc.	
Paton, Adolph Ernest, B.E. (B.Sc.,		(Eng.), 1942, surrendered) B.E. - - -	1945
1902, surrendered for B.E., 1915) - -	1915	Phillips, Murray Thomas, B.E. - - - -	1947
Paton, Alfred Maurice, B.Sc. - - - - -	1898	†Phillips, Pamela Rosemary, M.B., B.S.	1951
Paton, Dora Isabel, B.Sc. - - - - -	1902	†Phillips, Ronald Mervyn, B.A. - - - -	1951
†Paton, Robert, M.B., B.S. - - - - -	1951	Phillips, William James Ellery, M.D.,	
Patrick, Elsie Furneaux, Mus.Bac. - -	1925	B.S. - - - - -	1915
Patterson, Keith Raymond, LL.B. - - -	1937	Phillipson, Coleman, LL.D. (Man-	
Patterson, William Friedrich, B.E. - -	1934	chester, 1908) - - - - -	1920
Pattinson, Baden Powell, LL.B. - - -	1921	Pickering, Arthur Lawrence, LL.B. - - -	1925
Paul, Kevin Carroll, B.Sc. - - - - -	1935	Pickering, Ronald Franklin, B.Sc. - - -	1946
Paul, Alec Gordon, B.Sc. - - - - -	1920	Pietsch, Clemens Henry, M.B., B.S. - -	1945
M.A. - - - - -	1932	Pike, Douglas Henry, M.A. - - - - -	1951
Paul, Torrance Arnold, M.B., B.S. - - -	1947	†Pile, Kenneth Charles, B.E. - - - - -	1949
Pavia, Roy Rowling, B.A. - - - - -	1913	Pilgrim, Alan Flinders, B.Sc. - - - -	1936
Pavy (nee Proud), Emily Dorothea,		Pilgrim (nee Lipsham), Kate Caroline,	
B.A. - - - - -	1906	B.A. - - - - -	1905
Pavy, Harold Keith, M.B., B.S. - - - -	1919	Piper, Clarence Sherwood, D.Sc. - - -	1942
Pavy, Ian Gordon, M.B., B.S. - - - - -	1943	Piper, Cyril Thomas, M.B., B.S. - - -	1924
Pavy, Rosemary Dorothea, M.B., B.S. -	1948	Piper, Flora Elizabeth, B.A. - - - - -	1924
Payne, George Basil, B.A. - - - - -	1935	Piper, Francis Ernest, LL.B. - - - - -	1921
Payne, Louise Mary Gwythyr, B.A. - -	1914	Piper, Harold Bayard, LL.B. - - - - -	1914
Paynter, Norman Catchlove, B.A. - - -	1937	Piper, Herbert Walter, B.A. - - - - -	1938
†Pearce, Alfred Moreton, B.A. - - - -	1951	Pitcher, Cyril Frederick, M.B., B.S. - -	1911
†Pearce, Charles Clifton, B.A. - - - -	1938	Pitcher, Maurice Knight, B.Sc. - - - -	1925
†Pearce, Desmond Beresford Newman,		Pitcher, Russell Barton, M.B., B.S. - -	1948
B.Sc. - - - - -	1951	Pitcher, William Bonython, B.Sc. - - -	1945
Pearce, Ronald Sandison, B.Sc. - - - -	1948	Pitman, Beresford Ernest, B.Sc. - - -	1945
Pearson, Halley James Crawford, B.A.	1944	Pitt, Arthur William, M.A. - - - - -	1915
Pearson, Leslie Norman, B.A. - - - - -	1941	Pitt, George Henry, B.A. - - - - -	1920
Pech, Herman, B.A. - - - - -	1947	Pitt, Marjorie Una, B.Sc. - - - - -	1925
Pech, Rufus, B.A. - - - - -	1947	Platt, Albert Edward, M.D. (M.B.,	
Pedler, John Meavious, M.B., B.S. - - -	1935	B.S., Sydney, 1927) - - - - -	1937
Pedlow, Clarice, B.Sc. - - - - -	1942	†Platt, John Talbot, B.A. - - - - -	1951
Peirce, Alan Wilfred, D.Sc. - - - - -	1947	†Platten, Newell James, B.E. - - - -	1951
Peirce, Reginald Frank, B.A. - - - - -	1938	Playford, Malcolm Noel, LL.B. - - - -	1937
Pellow, Henry Edwin, M.B., B.S. - - -	1924		

† Not yet Members of the Senate.



†Plueckhahn, Vernon Douglas, M.B., B.S. - - - - -	1949	†Price, Kenneth Bonamy, B.A. (Oxford, 1949) - - - - -	1951
Plummer, Geith Alfred, B.A. - - - - -	1930	Price, Winifred Vera, B.A. - - - - -	1949
Plummer, Alexander Philip, B.D.S. - - - - -	1941	†Prider, Valentine Aubrey Hamilton, B.A. - - - - -	1951
Plummer, Reg Garnet, M.B., B.S. - - - - -	1906	Pridham, Lancelot Robert, B.Sc. - - - - -	1947
Plummer, Rex Grose, M.B., B.S. - - - - -	1937	Pridmore, Roy Vernon, B.Sc. - - - - -	1925
Plummer, Violet May, B.Sc. - - - - -	1891	M.B., B.S. - - - - -	1929
M.B. (Melbourne, 1897) - - - - -	1897	Priest, Amy Grace, M.A. - - - - -	1923
Plummer, Violet Myrtle, M.B., B.S. - - - - -	1932	†Priest, Reginald Arthur, B.Sc. - - - - -	1951
Plunkett, Norman Ambrose, B.E. - - - - -	1926	Prime, Andree Joyce, B.A. - - - - -	1945
Plush, Donald Seward, B.Ag.Sc. - - - - -	1948	Prince, Erica Lloyd, B.A. - - - - -	1913
Pobjoy, Alice Blake, B.A. - - - - -	1918	Pritchard, John Joseph, B.Sc. - - - - -	1934
Pocock, Robert Bakon, B.A. - - - - -	1921	Pritchard, Vita, B.A. - - - - -	1941
Pohlman, William Frederick Claude, B.Sc. - - - - -	1926	Proctor, Ivy Millicent, B.A. - - - - -	1935
Polglase, Norman, B.Sc. - - - - -	1947	Proctor, Rose Emily, B.A. - - - - -	1934
Polkinghorne, Kate Elinor, B.A. - - - - -	1931	†Prosser, Victor Albert, B.Ec. - - - - -	1951
Polkinghorne, Keith, B.A. - - - - -	1936	Proud, Millicent Farrer, M.A. - - - - -	1915
Polkinghorne, Noel Francis, B.A. - - - - -	1934	†Proudman, Dorothy Mena, B.A. - - - - -	1951
Pollnitz, Eunice Adah, B.A. - - - - -	1938	†Probert, James Keith Stewart, B.Sc. - - - - -	1951
Polson, Reginald Alexander, B.E. - - - - -	1929	Prouse, Kenneth George, B.A. - - - - -	1948
Pomroy, Alan Browning, B.E. - - - - -	1938	†Provis, Douglas Franklin, B.Sc. - - - - -	1950
Pomroy, Richard Osborne, B.E. - - - - -	1923	Pryor, Cecilia Marie, Mus.Bac. - - - - -	1932
†Ponford, Joan Helen, B.Sc. - - - - -	1949	Pryor, Eric John, B.A. - - - - -	1931
Poole, Dorothea Landon, M.A. - - - - -	1906	Pryor, Lindsay Dixon, M.Sc. - - - - -	1939
Poole, Frederic St. John, M.B., B.S. - - - - -	1909	Pryor, William Arthur, M.B., B.S. - - - - -	1919
Poole, Gilbert Graham, B.Sc., B.E. - - - - -	1921	Puddy, Albert Forwood, LL.B. - - - - -	1935
†Poole, Richard John, B.E. - - - - -	1951	Puddy, Maude Mary, Mus.Bac. - - - - -	1905
†Pope, Geoffrey Weston, B.Sc. - - - - -	1951	Pugsley, Albert Tonkin, M.Sc. (B.Ag.Sc., Melb., 1932) - - - - -	1942
Pope, Kenneth Geoffrey, M.Sc. - - - - -	1949	Purdam, Irving, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - - -	1950
†Pope, Peter Myles Burton, B.E. - - - - -	1949	†Purdham, Robert Keith, B.E. - - - - -	1951
Porter, Harold George, B.A. - - - - -	1941	Purton, David Gabriel, M.A. - - - - -	1918
Porter, Kingsley Clarence, M.B., B.S. - - - - -	1942	Pyne, Maurice Ignatius, M.A. - - - - -	1930
Porter, Ronald Frank, B.D.S. - - - - -	1940	†Pynor, Donald Edward, B.D.S. - - - - -	1950
Porter, Thelma May Edith, B.A. - - - - -	1941		
Portus, Garnet Vere, M.A. (Oxford, 1917) - - - - -	1935	Q	
†Possingham, John Victor, B.Ag.Sc. - - - - -	1951	Quayle, Bronte Clucas, LL.B. - - - - -	1948
Postle, Douglas Gordon, M.B., B.S. - - - - -	1941	Quinn, Thomas Vincent, M.B., B.S. - - - - -	1923
Postle, Herbert Thomas, LL.D. (Melbourne, 1920) - - - - -	1922	†Quirk, Helen Marian, B.A. - - - - -	1951
Potter (nee Bates), Betty, B.Sc. - - - - -	1939	R	
B.A. - - - - -	1942	Rabone, Harry Klements Percival, B.A. - - - - -	1939
Potter, Brian John, M.Sc. - - - - -	1950	Radcliff, Joanna Clare, B.A. - - - - -	1935
Potter, Frank Jaques, LL.B. - - - - -	1947	Radcliffe, Sheila, B.A. - - - - -	1944
Potter, John Colin, B.Ag.Sc. - - - - -	1948	†Radoslovich, Edward William, B.Sc. - - - - -	1949
Potter, Roy Adolph, M.A. - - - - -	1923	†Raftery, George Aldborough, B.Ec. - - - - -	1949
Potter, Vernon Wheatley, M.B., B.S. - - - - -	1941	Raggatt, Thomas Sutherland, B.A. - - - - -	1945
Potts, Ethelwyn, B.A. - - - - -	1909	Raine, Margaret Napier, B.A. - - - - -	1939
Potts, Frank Roland, B.Sc. - - - - -	1922	Rainnie, Graeme Fraser, B.Sc. - - - - -	1942
Potts, Gilbert Macdonald, M.A. - - - - -	1915	Rainsford, Kathleen Mary, B.Sc. - - - - -	1943
†Potts, John Louis, M.B., B.S. - - - - -	1951	Rait, William Lockhart, M.Sc. (B.Sc., Tasmania) - - - - -	1935
Potts, Renfrey Bernard, B.Sc. - - - - -	1945	Ramsay, Alexander Maurice, B.Ec. - - - - -	1941
Potts, William Andrew, B.E. (B.Sc., 1912, surrendered for B.E., 1913) - - - - -	1913	†Ramsey, Alfred Maxwell, B.Ec. - - - - -	1951
Powell, Harold, M.B., B.S. - - - - -	1913	Rance, George Howe, B.Sc. - - - - -	1935
Powell, Kathleen Naomi, B.A. - - - - -	1925	Randell, Allan Elliott, M.B., Ch.B. (Melbourne, 1897) - - - - -	1897
Powell, Miriam Athalie, B.A. - - - - -	1927	Randell, William Richard, M.B., B.S. - - - - -	1947
†Power, Frances Maureen, B.A. - - - - -	1951	†Randle, Alexander Miller, B.Sc. - - - - -	1951
†Power, Francis Bryan, B.Ec. - - - - -	1951	Rankin, Mervyn Alexander, M.Sc. - - - - -	1931
Power, John Leslie, LL.B. - - - - -	1922	Rankine, Bryce Crossley, B.Sc. - - - - -	1945
Powrie, James Kelvin, M.Sc. - - - - -	1951	Rattigan, John Herbert, B.Sc. - - - - -	1948
Poynton, John Orde, M.D. (Cambridge, 1941) - - - - -	1948	Raupach, Maxwell, B.Sc. - - - - -	1945
†Preece, Julia Anne, B.A. - - - - -	1949	Ray, Angus Charles, LL.B. - - - - -	1943
Preedy, Winifred Edna, B.D.S. - - - - -	1927	Ray, John, M.B., B.S. - - - - -	1936
Prescott, Rupert Warre, B.A. - - - - -	1930	Ray, Marjorie, B.A. - - - - -	1945
Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1908) - - - - -	1924	Ray, William, M.B., B.S. - - - - -	1906
D.Sc. - - - - -	1932	B.Sc. (Oxford, 1909) - - - - -	1914
Prescott, John Russell, B.Sc. - - - - -	1944	Ray, William Robert, B.A. - - - - -	1933
†Prest, Elizabeth Maurine, M.B., B.S. - - - - -	1951	Ray, Walter Vernon, LL.B. - - - - -	1907
Prest, Henry Gordon, M.B., B.S. - - - - -	1925	Rayner, George Percival, B.A. - - - - -	1920
Preston, Tom, B.E. - - - - -	1924	Rayner, William Henry, B.A. - - - - -	1907
Price, Archibald Grenfell, M.A. (Oxford, 1919) - - - - -	1920	†Rayson, Patricia, B.Sc. - - - - -	1950
D.Litt. - - - - -	1932	Read, John Herbert, B.A. - - - - -	1949
Price, Arthur Jennings, LL.B. - - - - -	1890	Read, Norman George, M.Sc. - - - - -	1945
Price, Charles Archibald, B.A. - - - - -	1944	Read, Philip Andreas, B.A. - - - - -	1930
Price, Charles William Russell, M.B., B.S. - - - - -	1932	Redden, Martin Philip, B.A. - - - - -	1933
Price, Ione Dorothy, B.A. - - - - -	1948	Redman, James Johnston, LL.B. - - - - -	1935
Price, James Robert, M.Sc. - - - - -	1935	Redmond, John Bice, B.E. - - - - -	1946
Price, Joan Isabel, B.A. - - - - -	1938	Reed, Eileen Ruth Lathleen, B.Sc. - - - - -	1919
		Reed, Geoffrey Sandford, LL.B. - - - - -	1913
		Reed, Mary Ethel Hayter, M.B., B.S. - - - - -	1924
		†Reed, Robert David Geoffrey, B.E. - - - - -	1950

† Not yet Members of the Senate.

Reed, Thomas Thornton, M.A. (Melbourne, 1927)	- - - - -	1929
Rees, Harold Mitchell, M.B., B.S.	- - - - -	1924
Reeves, Edith Louie, B.A.	- - - - -	1945
Reeves, Rupert Kirk, M.B., B.S.	- - - - -	1926
Reichstein, Lance Eric Harold, B.E.	- - - - -	1922
Reid, Arthur Douglas, M.B., B.S.	- - - - -	1924
†Reid, David Argyll Campbell, B.E.	- - - - -	1949
Reid, Elizabeth Ellen, B.A.	- - - - -	1933
Reid, Max Bertram, M.B., B.S.	- - - - -	1937
Reid, Ross Treloar Wishart, M.B., B.S.	- - - - -	1947
Reid, William Lister, M.B., B.S.	- - - - -	1931
Reilly, Patrick John, M.B., B.S.	- - - - -	1928
Reilly, Philip Herbert, B.D.S.	- - - - -	1940
Reilly, Robert Neil, M.B., B.S.	- - - - -	1933
Reimann, Arnold Luchrs, D.Sc.	- - - - -	1935
Reimann, Valesca Leonore Olive, M.A.	- - - - -	1914
†Reiners, John Alexander, B.D.S.	- - - - -	1950
Reissmann, Charles Henry, M.D. (Cambridge, 1902)	- - - - -	1902
Rendell, Alan, B.A.	- - - - -	1930
†Rendell, Margaret Patricia, B.A.	- - - - -	1951
Renfrey, Lionel Edward William, B.A.	- - - - -	1938
†Renner, Johannes Theodore Erich, B.A.	- - - - -	1950
Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913)	- - - - -	1919
Retallick, Bruce James, B.A., B.Sc.	- - - - -	1935
Reynolds, Beatrice Mary Heywood, B.A.	- - - - -	1939
†Reynolds, Howard, B.Sc.	- - - - -	1924
Reynolds, John Heywood, B.A.	- - - - -	1950
Reynolds, Lilo, B.A.	- - - - -	1928
†Reynolds, Maxwell Andrew, B.Sc.	- - - - -	1948
Reynolds, Maxwell Stanley, B.E.	- - - - -	1951
Rhodes, Gwendoline Maude, LL.B.	- - - - -	1948
Rice, John David, M.B., B.S.	- - - - -	1939
Rice, Lawrence John, M.B., B.S.	- - - - -	1930
Rice, Patrick William, M.B., B.S.	- - - - -	1948
†Rice, Phillip John, LL.B.	- - - - -	1915
Rice, Therese Marie, M.A.	- - - - -	1951
Rice, Vincent de Paul Lawrence, M.B., B.S.	- - - - -	1947
Riceman, David Stirling, M.Sc. (B.Ag.Sc., 1934)	- - - - -	1933
Richards, Archibald Charles, M.A.	- - - - -	1947
Richards, Cecil Albert, M.A., B.Sc.	- - - - -	1927
Richards, Clarence, B.Sc.	- - - - -	1929
M.B., B.S.	- - - - -	1931
Richards, Dudley Lewis, LL.B.	- - - - -	1915
Richards, Eric Dean, M.B., B.S.	- - - - -	1919
Richards, Eva Gertrude, B.A.	- - - - -	1931
Richards, Frederick William, LL.D. (London, 1896)	- - - - -	1951
Richards, Gordon Alfred, B.A.	- - - - -	1897
Richards, Kenneth Ross, B.Sc.	- - - - -	1937
†Richards, Ronald Roy, B.Ag.Sc.	- - - - -	1948
Richards, Norman Alfred, M.D. (M.B., B.S., 1942)	- - - - -	1951
Richards, William Edward, B.A.	- - - - -	1948
Richardson, Middleton Bart, B.Sc.	- - - - -	1932
Richardson, Patricia Sophia, M.B., B.S.	- - - - -	1941
†Richardson, Walter Murray, B.Sc.	- - - - -	1937
†Riedel, Felix Daniel, B.A.	- - - - -	1951
Riedel, Melita Wanda, Mus.Bac.	- - - - -	1950
Riedel, William Rex, B.Sc.	- - - - -	1920
Rieger, Clarence Oscar Ferrero, M.B., B.S.	- - - - -	1947
Riggs, Noel Victor, B.Sc.	- - - - -	1919
Riley, Mabel, B.A.	- - - - -	1942
†Rimes, Garnet Dean, B.Sc.	- - - - -	1908
Rinfret, The Right Honourable Thibaudau, P.C., LL.D., (McGill)	- - - - -	1950
Rischbieth, Henry George, M.B., B.S.	- - - - -	1951
Rischbieth, John Ross, B.Sc.	- - - - -	1942
Rischbieth, Oswald Henry Theodore, B.A.	- - - - -	1937
†Rischbieth, Richard Harold Charles, M.B., B.S.	- - - - -	1909
Rix, Areta, B.A.	- - - - -	1951
Roach, John Carlyle, B.E.	- - - - -	1938
Robbins, Thomas Fellows, B.E.	- - - - -	1921
	- - - - -	1940
Robert, Douglas Bower, B.Sc.	- - - - -	1942
Roberts, Arthur Bruce, LL.B.	- - - - -	1922
Roberts, David Pearson, B.Sc. (Eng.)	- - - - -	1947
†Roberts, Jillien Mary, LL.B.	- - - - -	1949
†Roberts, Joseph Armistice, M.B., B.S.	- - - - -	1950
Roberts, Nancy Mowbray, B.A.	- - - - -	1947
Roberts, Robin Lea, B.A.	- - - - -	1939
Robertson, Alfred Bentley, B.E.	- - - - -	1942
Robertson, Betty Ann Fotheringham, B.A.	- - - - -	1948
Robertson, Clara Enid, B.A.	- - - - -	1929
Robertson, David Stirling, B.Sc.	- - - - -	1941
Robertson, Donald Alexander, LL.B.	- - - - -	1934
Robertson, Gwendoline Katherine, B.Sc.	- - - - -	1948
Robertson, Hall, B.E.	- - - - -	1948
Robertson, Ian Robert, B.E.	- - - - -	1948
Robertson, Iris Esther, M.A.	- - - - -	1925
Robertson, James Struan, Ph.D. (D.Phil., Oxford)	- - - - -	1950
Robertson, Kenneth James, B.D.S.	- - - - -	1940
†Robertson, Leon Medley, B.E.	- - - - -	1951
Robertson, Nancy Douglas, B.Sc.	- - - - -	1945
Robertson, Ronald Peter, M.B., B.S.	- - - - -	1945
Robertson, Sydney Clifford, B.Sc. M.E.	- - - - -	1922
Robertson, Thorburn Stirling Brailsford, B.Sc.	- - - - -	1935
Robertson, William Godfrey Pitcher, M.Sc.	- - - - -	1948
Robin, Charles Ernest, B.A.	- - - - -	1951
†Robin, Elizabeth Anne, B.Sc.	- - - - -	1886
°Robin, Rowland Cuthbert, M.E.	- - - - -	1949
Robinson, Arthur James, B.E. (Melbourne, 1929)	- - - - -	1932
Robinson, Donald Neil, M.B., B.S.	- - - - -	1937
Robinson, Edgar, LL.B.	- - - - -	1948
Robinson, Edwin George, M.Sc.	- - - - -	1912
Robinson, Marie Patricia, B.A.	- - - - -	1947
Robinson, Mary Kelly, M.Sc.	- - - - -	1941
Robinson, Sir Roy Lister, B.Sc.	- - - - -	1951
Robjohns, Henry Collin, M.B., B.S.	- - - - -	1903
Robjohns, Leonard, B.A. (Sydney, 1894)	- - - - -	1932
Rochlin, Aaron, LL.B.	- - - - -	1920
Rochlin, Elijah, LL.B.	- - - - -	1921
†Rodbourn, Arthur, B.Ec.	- - - - -	1928
Rodda, Harold James, M.Sc.	- - - - -	1951
†Roder, John Herbert, M.A., LL.B.	- - - - -	1945
Rodger, Geoffrey James, B.Sc.	- - - - -	1951
Rodgers, Frances Ada, B.A.	- - - - -	1915
†Roe, Geoffrey, Palmer, B.Ag.Sc.	- - - - -	1928
Roehrs, Herma Erika, B.A.	- - - - -	1951
Rofe, Bryan, B.Sc.	- - - - -	1945
Rogers, Charles Malcolm, B.E.	- - - - -	1939
†Rogers, Ian Frederick, B.D.S.	- - - - -	1939
Rogers, Irene Blanche, M.A.	- - - - -	1951
Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923)	- - - - -	1951
Rogers, Theodore Stansfield, B.E.	- - - - -	1925
Rolland, James Alexander, M.B., B.S.	- - - - -	1928
Rolland, James Alexander Bryan, M.B., B.S.	- - - - -	1917
Rolland, William Maitland, B.A.	- - - - -	1943
Rollison, John William, M.B., B.S.	- - - - -	1936
Ronal, Tibor, M.B., B.S.	- - - - -	1925
†Ronald, Ian Douglas, B.D.S.	- - - - -	1948
Rook, Kevin Maxwell, B.Sc.	- - - - -	1950
Rooney, Clifford, B.Sc.	- - - - -	1947
Rooney, Gwenth Minnie, B.A.	- - - - -	1942
Rooney, Lois Josephine, B.A.	- - - - -	1929
†Rooney, Marjorie Winnifred, B.A.	- - - - -	1934
†Rose, Gordon Albert, B.E.	- - - - -	1945
Rosenberg, Mendel Wolf, M.B., B.S.	- - - - -	1949
Rosenhain, Geoffrey, M.A.	- - - - -	1951
Rosman, Frank Edgar, B.Sc.	- - - - -	1942
Ross, Alexander David, D.Sc. (Glasgow)	- - - - -	1950
Ross, Dudley Bruce, LL.B.	- - - - -	1908
†Ross, Nadeen Adoree, B.A.	- - - - -	1926
†Ross, Sydney George Frederick, B.E.	- - - - -	1914
Ross, William Alexander, LL.B.	- - - - -	1951
Rossiter, James Leonard, M.A.	- - - - -	1949
Rounsevell, James Corryton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	- - - - -	1947
	- - - - -	1947

° Deceased.

† Not yet Members of the Senate.

Rowe, Albert Percival, B.Sc. (London, 1922)	- - - -	1948	Sargent, Rex James, M.B., B.S.	- - - -	1929
Rowe, Allan Gordon, M.B., B.S.	- - - -	1942	Sarre, Malcolm Glen, M.B., B.S.	- - - -	1945
Rowe, Colin Davies, LL.B.	- - - -	1934	Sarre, Vera Georgina, B.A.	- - - -	1917
Rowe, Ernest Thomas, B.Sc.	- - - -	1920	Saunders, Pepita Corda, LL.B.	- - - -	1925
Rowe, Fletcher David, M.B., B.S.	- - - -	1945	Savage, Arthur Charles, M.B., B.S.	- - - -	1928
†Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered)	- - - -	1949	Sawers, Donald Alexander, B.Sc. (Eng.)	- - - -	1942
†Rowe, Stanley Edgar, B.Sc.	- - - -	1950	Sawers, Ronald John, M.B., B.S.	- - - -	1942
Rowe, William Vivian, M.B., B.S.	- - - -	1948	Sawley, Darrell Frederick, B.Sc.	- - - -	1929
Rowell, Keith Addison, B.E.	- - - -	1933	Scales, William Arthur, LL.B.	- - - -	1930
Rowland, John Howard, LL.B.	- - - -	1937	†Scarborough, Eric Charlton, B.E.	- - - -	1951
Rowlands, Edward John, B.Sc.	- - - -	1948	Scarfe, Elwyn Bewell, LL.B.	- - - -	1940
†Rowley, Rex Cameron, B.Sc.	- - - -	1951	Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	- - - -	1948
Ruddall, Reginald John, LL.B.	- - - -	1906	Scarlett, Robert Dalley, Mus.Doc.	- - - -	1934
Rudd, Eric Aroha, B.Sc.	- - - -	1930	Schache, Alma Olga Antonia, B.A.	- - - -	1909
Rudd, Kenneth Clive, B.A.	- - - -	1947	Schafer, Carl Hannaford, M.B., B.S.	- - - -	1919
Rule, Vernon Arthur, B.A.	- - - -	1936	Schafer, Max Ernest Hannaford, B.D.S.	- - - -	1923
†Russell, Albert William, M.B., B.S.	- - - -	1949	†Schirmer, Gerhart Percy, B.Ec.	- - - -	1951
Russell, Alfred Burgess, M.B., B.S.	- - - -	1919	Schmidt, Lewis Walter, B.Sc.	- - - -	1940
†Russell, Ernest Alfred David, M.B., B.S.	- - - -	1949	Schneider, Michael, M.B., B.S.	- - - -	1925
Russell, Ernest Albert Harold, M.B., B.S.	- - - -	1911	Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932)	- - - -	1946
†Russell, Frank Henderson, B.E.	- - - -	1950	Schneider, Walter Herman, M.E.	- - - -	1945
Russell, Herbert Henry Ernest, M.B., Ch.B. (Melbourne, 1899)	- - - -	1899	Schneider, Wilfred, B.E.	- - - -	1922
M.D.	- - - -	1905	Schneider, Wilfred Carl, M.A.	- - - -	1932
Russell, Janet Barbara, M.B., B.S.	- - - -	1947	Scholar, Ernest, B.A.	- - - -	1941
Russell, John Samuel, B.Ag.Sc.	- - - -	1948	†Schroder, Judith, B.Sc.	- - - -	1950
Russell, Robert Alfred, M.B., B.S.	- - - -	1943	Schubert, Frank Helmut, B.A.	- - - -	1934
Russell, Ronald Edyvane, M.B., B.S.	- - - -	1946	†Schudmak, Henry, M.B., B.S.	- - - -	1949
Russell, Walter Alfred, M.B., B.S.	- - - -	1935	Schulz, Adolf John, B.A.	- - - -	1905
Ryan, Edward Clifford Lee, M.B., B.S.	- - - -	1935	M.A. (Ph.D., Zurich, 1908)	- - - -	1909
Ryan (nee Pank), Gladys Ruth, B.A.	- - - -	1933	Schulz, Ernst Adolph, B.E.	- - - -	1931
†Ryan, John William, B.Ag.Sc.	- - - -	1950	†Schultz, Gordon Ray, B.A.	- - - -	1950
Ryan, Michael Rupert, B.A.	- - - -	1939	Schulze, Robert George, M.B., B.S.	- - - -	1947
Ryan, Naomi Rosslyn, M.B., B.S.	- - - -	1940	†Schutz, Raymond Alfred, B.E.	- - - -	1949
Ryan, Victor Lloyd Percival, LL.B.	- - - -	1938	†Schwab, Gordon Ernest, B.Sc.	- - - -	1950
Rymill, Frances Carstairs, B.A.	- - - -	1936	Schwarz, Eugene Robertson, B.Sc.	- - - -	1939
S					
Sabine, Ernest Maurice, LL.B.	- - - -	1891	†Scobie, John Hedger, M.B., B.S.	- - - -	1949
Saddler, Bruce Alder, B.E.	- - - -	1931	Scoble, Sidney John, B.A.	- - - -	1936
Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948)	- - - -	1951	Scollin, James, B.D.S.	- - - -	1932
†Sainsbury, Robert William James, B.E.	- - - -	1951	Scott, Alfred Eric, M.Sc.	- - - -	1928
Salter, Douglas Munro, M.B., B.S.	- - - -	1926	†Scott, Jeffrey Frank, LL.B.	- - - -	1949
Salter, William Fulton, M.B., B.S.	- - - -	1936	Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered for B.E., 1913)	- - - -	1913
†Samelowitz, Neil, M.B., B.S.	- - - -	1950	†Scott, Trevor Dennison, B.Sc.	- - - -	1951
Sampson, Dulcie Joyce, Mus.Bac.	- - - -	1938	Scragg, Roy Frederick Rhodes, M.B., B.S.	- - - -	1946
†Sampson, John Coffey, B.D.S.	- - - -	1951	†Scragg, Walter Robert Lambert, B.A.	- - - -	1950
Samuel, Geoffrey, M.Sc.	- - - -	1926	Scriven, Murray Walter, B.A.	- - - -	1947
Samuel, Helen Josephine, B.A.	- - - -	1939	†Scrutton, Patricia Margaret, B.A.	- - - -	1951
†Sandeman, Ronald John, B.Sc.	- - - -	1951	Seaman, Gilbert Frederick, B.Ec.	- - - -	1935
Sandercock, Alfred Mervyn, B.A.	- - - -	1936	†Seaman, Keith Douglas, B.A.	- - - -	1951
Sandercock, Rex Glynde, B.Sc. (Eng.)	- - - -	1943	Searle, Clifford Alfred James, B.A.	- - - -	1937
Sanders, Grace Annie, B.A.	- - - -	1920	Searle, Frederick John, B.A.	- - - -	1902
Sanders, Harold William, B.A.	- - - -	1912	Searle, Hartley Malcolm, B.A.	- - - -	1932
Sanders, Irma Mary, B.A.	- - - -	1943	B.Sc.	- - - -	1935
Sanders, John Veysey, B.Sc.	- - - -	1944	Sears, Harold William, B.Sc.	- - - -	1943
Sanders, Mostyn Clifford, B.Sc.	- - - -	1944	Seedsman, Donald John, B.Sc.	- - - -	1948
Sanders, Robert William, B.E.	- - - -	1948	†Seedsman, Kenneth Reginald, B.Sc.	- - - -	1951
†Sanderson, John Gavin, B.Sc.	- - - -	1950	Seekamp, Jack Victor, B.Ag.Sc.	- - - -	1942
Sanderson, Kenneth Villiers, M.B., B.S.	- - - -	1943	Segnit, Edgar Ralph, M.Sc.	- - - -	1945
Sandery, Charles Arthur, LL.B.	- - - -	1921	Segnit, Ralph Walter, B.Sc. (Oxford, 1922)	- - - -	1922
Sandford, Alastair Wallace, M.A. (Oxford, 1937)	- - - -	1948	†Seidler, Jan Hynek, B.Sc.	- - - -	1950
Sandford, Robert Max, B.Sc.	- - - -	1943	†Seith, Wolfram Immanuel, M.B., B.S.	- - - -	1949
Sandison, Alexander, M.B. (Edinburgh, 1906)	- - - -	1906	Sellers, Ada, B.A.	- - - -	1928
Sando, Allan Frederick (Interim B.Sc. (Eng.), 1942, surrendered), B.E.	- - - -	1945	†Selth, Donald Victor, B.A.	- - - -	1949
†Sandover, William Ewan, M.B., B.S.	- - - -	1951	†Selth, Geoffrey, Poole, B.A.	- - - -	1951
†Sandow, Richard Henry, B.D.S.	- - - -	1951	Semler, Clifford Gerhardt, M.B., B.S.	- - - -	1940
Sands, Desmond Montague Willington, B.D.S.	- - - -	1934	Semmens, Francis John, B.Sc.	- - - -	1928
Sangster, Alexander Keith, LL.B.	- - - -	1934	Semmler, Clement William, M.A.	- - - -	1938
Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931)	- - - -	1941	†Semple, Kenneth Hugh, B.A.	- - - -	1950
Sangster, David Flower, B.Sc.	- - - -	1945	Senior, Lionel Rupert, B.Sc.	- - - -	1929
Sangster, John William, M.B., B.S.	- - - -	1939	B.A.	- - - -	1947
Sansom, Joyce Mary, Mus.Bac.	- - - -	1947	Seppelt, Ian Howe, B.Sc.	- - - -	1932
			Seppelt, Yvonne Granville, M.B., B.S.	- - - -	1946
			Sergeant, Maxwell Stuart, LL.B.	- - - -	1934
			Sewell, Charles Edward, LL.B.	- - - -	1886
			Sexton, Edgar Raymond, B.A.	- - - -	1931
			Shanahan, Patrick William, M.B., B.S.	- - - -	1928
			†Shannon, James Stanley, B.Sc.	- - - -	1949
			†Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	- - - -	1949
					1949

† Not yet Members of the Senate.

†Shannon, Richard John, B.E. - - -	1949	Slade, Kathleen Nellie, B.A. - - -	1942
Sharley, Elma May, B.A. - - -	1937	Slattery, Mary, B.A. - - -	1931
Sharman, Arthur Edward, B.E. - - -	1926	Slee, Dugald Haughton, B.Sc. - - -	1930
Sharman, Ethel Olive, B.A. - - -	1915	B.A. - - -	1932
†Sharp, Bruce Burnell, B.E. (Interim		†Slee, Ian Bruce, B.A. - - -	1950
B.Sc. (Eng.), 1949, surrendered)	1951	Sleeman, James Garnet, M.D. (M.B.,	
Sharpe, Edmund John, B.E. - - -	1932	B.S., Melbourne, 1915) - - -	1927
Sharpe, William George, B.Sc. - - -	1936	Sleeman, William John, M.B., B.S. - - -	1947
Shaw, Alice Mary Stockdale, B.A. - - -	1929	Sloman, Arthur Raymond, B.Sc. - - -	1937
Shaw, James Barry, B.Sc. - - -	1904	†Smale, Thomas Charles, B.A. - - -	1950
Shaw, Joan Hambly, B.A. - - -	1947	Smart, John Jamieson Carswell, M.A.	
Shaw, John Robert Stockdale, M.A. - - -	1933	(Glasgow, 1946) - - -	1951
†Shaw, Peter John Randall, B.Sc. - - -	1949	†Smart, Lawrence Maxwell, B.D.S. - - -	1950
†Shea, Brian Joseph, M.B., B.S. - - -	1951	Smeaton, Bronte, M.B., B.S. - - -	1936
Shearer, Clifford, George Trega, B.A.		Smeaton, Bronte Creagh, M.B., B.S. - - -	1928
B.Ec. - - -	1937	Smeaton, John Anthony, B.E. - - -	1939
Shearer, Harvey Albert, B.A. - - -	1936	†Smerdon, David Rutherford, B.D.S. - - -	1951
Shedley, Alfred Charles, B.Sc. - - -	1919	Smerdon, John Rutherford, B.D.S. - - -	1946
Shellshear, Joseph Lexden, M.S. (Syd-		Smith, Adeline Rutherford Wesley,	
ney, Ch.M., 1907) - - -	1926	B.A. (R.U.I., 1904) - - -	1934
Shephard, Stanley Maxwell, B.Sc. - - -	1948	†Smith, Adrian Milton, B.Ec. - - -	1949
Shepherd, David Wickham, M.B., B.S. - - -	1938	Smith, Alfred Earle, LL.B. - - -	1937
Shepherd, Elizabeth Miriam, B.A. - - -	1947	Smith, Alick Hardy, B.A. - - -	1948
Shepherd, Geoffrey Lincoln, LL.B. - - -	1930	Smith, Aloysius Daly Virgilius, M.B.,	
Shepherd, John Alfred, B.A. - - -	1929	B.S. - - -	1928
Shepherd, John Henry, B.A. - - -	1935	Smith, Annie Ethel, B.A. - - -	1935
M.Sc. - - -	1947	Smith, Brian Arnold, B.E. - - -	1940
Shepley, Arthur Raymond, B.Sc. - - -	1923	†Smith, Brian Hartley, B.E. - - -	1950
B.E. - - -	1924	†Smith, Cairns William Villeneuve,	
Shepley, Leslie Herbert Hamilton,		LL.B. - - -	1951
LL.B. - - -	1909	Smith, Cecil Teesdale, M.A. - - -	1945
Sheppard, Mark Yeatman, M.B., B.S. - - -	1942	Smith, Cedric Alfred Neal, B.Ag.Sc. - - -	1933
Sheppard, Robert Alexander William,		Smith, Daisy Maude, B.A. - - -	1922
B.Sc. - - -	1942	Smith, David Carswell, B.A. - - -	1931
Shield, Judith Adelaide, B.A. - - -	1948	†Smith, David Floyd, B.Ag.Sc. - - -	1951
Shierlaw, Howard Alison, LL.B. - - -	1902	Smith, David Nichol, D.Litt. (Camb.) - - -	1951
†Shierlaw, Norman Craig, B.E. - - -	1949	Smith (nee Gardner), Edith Josephine	
†Shinkfield, Marian Ruth, B.A. - - -	1949	Viner, B.A. - - -	1906
Shipway, Graham Stuart, M.B., B.S. - - -	1916	Smith, Edward Mackie, B.E. - - -	1939
Shirpurkar, Gajanan Ramchadra, M.Sc. - - -	1949	Smith, Edward Rowland, B.Sc. - - -	1942
Shoebriidge, Ivan, LL.B. - - -	1929	†Smith, Ewart Austral, M.B., B.S. - - -	1951
Short, David Weddell, M.B., B.S. - - -	1940	Smith, Frank Berry, D.Sc. - - -	1937
Short, Kerwin Alfred Robert, B.E. - - -	1927	Smith, Gavin Viner, M.B., B.S. - - -	1937
Short (nee Stephens), Lillian Mary		Smith, Gordon Wearing, M.B., B.S. - - -	1925
Theakstone, M.A. - - -	1938	Smith, Harold Reid, LL.B. - - -	1939
Shortridge, Dennis Thorman, M.B., B.S. - - -	1938	†Smith, Ian Darian, M.B., B.S. - - -	1951
Shrowder, Ronald Louis, B.A. - - -	1940	Smith, Iris Eileen, B.A. - - -	1930
Shuter, Richard Ernest, M.B. (Mel-		Smith, Jack Edwin, B.Sc. - - -	1934
bourne, 1891) - - -	1895	Smith, James Clyde, B.E. - - -	1938
Sibly, Pamela Maslin, M.Sc. - - -	1950	Smith, James Wearing, B.E. - - -	1924
Sibthorpe, Gwenyth, M.B., B.S. - - -	1946	Smith, Joan Frances, B.A. - - -	1948
Sieber, Clarence Bertram, B.E. - - -	1926	Smith, John Bertrand, B.Sc. - - -	1943
Siegele, John Louis, B.Sc. - - -	1945	*Smith, John Edgar, B.Sc. (Victoria,	
†Sigmont, Victor Charles, B.A. - - -	1950	1901) - - -	1919
Simes, Dean John, B.E. (Interim B.Sc.		Smith, John Fife, B.A. - - -	1929
(Eng.), 1943, surrendered)	1947	Smith, John Jeffreys, LL.B. - - -	1932
Simmonds, David Hubert, M.Sc. - - -	1948	Smith, Keith Kenneth Masefield, B.A. - - -	1942
Simmonds, Rachel Elizabeth, B.A. - - -	1948	Smith, Keith Viner, M.B., B.S. - - -	1939
†Simmons, Donald William, B.Ec. - - -	1949	*Smith, Kenneth William Algernon,	
Simmons, Geoffrey Clive, B.Sc. - - -	1945	B.Sc. - - -	1923
Simons, Alfred, M.B., B.S. - - -	1942	Smith, Kenneth Wilmot Vernon, B.E. - - -	1937
†Simons, Arthur Nicholas, B.Sc. - - -	1951	†Smith, Louis Campbell, B.Ag.Sc. - - -	1951
Simpson, Alfred Moxon, B.Sc. - - -	1930	Smith, Louis Laybourne, B.E. (B.Sc.,	
†Simpson, Donald Allen, M.B., B.S. - - -	1949	1911, surrendered for B.E., 1914) - - -	1914
Simpson, Frederick William, M.B., B.S. - - -	1934	Smith, Mary, M.A. - - -	1932
Simpson, Hugh Denney, B.Sc. - - -	1920	Smith, Mary Theresa, B.A. - - -	1935
B.A. - - -	1921	Smith, Maxwell Herbert, B.Sc. - - -	1940
†Simpson, Penelope Margaret, B.Sc. - - -	1949	Smith, Melva Estelle, B.A. - - -	1942
Simpson, Robert Allen, B.E. - - -	1934	Smith, Mervyn Keith, M.B., B.S. - - -	1944
Sims, Eric Baldwin, M.D. (M.B., B.S.,		Smith, Primrose Mary Viner, B.A. - - -	1940
1940) - - -	1948	Smith, Raydon Berry, B.E. - - -	1917
†Sims, Milton Reginald, B.D.S. - - -	1950	Smith, Raymond Thomas, B.Sc. - - -	1932
Sims, Roxy, B.A. - - -	1933	Smith, Richard Miln, B.Sc. - - -	1948
Sinclair, Walter Gordon Clyde, B.Sc. - - -	1923	Smith, Robert James Brazil, B.D.S. - - -	1921
Sinclair, William Malcolm, M.B., B.S. - - -	1911	Smith, Ronald Norman, B.E. - - -	1933
Skewes, Edward Foster, LL.B. - - -	1917	Smith, Sheila Isabel Wesley, B.A. - - -	1944
†Skinner, Brian John, B.Sc. - - -	1950	Smith, Sidney William, B.E. - - -	1937
†Skinner, Cecil Reginald Allenby, B.E. - - -	1949	†Smith, Stuart Meldrum, B.A. - - -	1949
Skipper, John Stark, M.B., B.S. - - -	1944	Smith, Vera Lisnagore, B.A. - - -	1934
Skipper, Stanley Herbert, LL.B. - - -	1901	Smith, Walter Leonard, M.B., B.S. - - -	1914
Skuce, Beryl Marion Rebecca, B.A. - - -	1934	Smith, William Irving Berry, B.Sc. - - -	1940
Slade, John Harman, M.B., B.S. - - -	1946	Smyth, Isabel Agnes Ekin, B.A. - - -	1905

\* Deceased.

† Not yet Members of the Senate.

Snewin, Gwendoline Marjorie Jean, B.A. - - - - -	1925	Steele, Robert Thornborough, M.B., B.S. - - - - -	1942
†Snewin, John Arthur, LL.B. - - - - -	1951	Steele (nee Morris), Shirley Victoria, LL.B. - - - - -	1933
Snow, Richard Adrian Wilfrid, B.D.S. - - - - -	1940	Stephens, Charles Francis, B.Sc. - - - - -	1897
Snow, Wilfred Rippon, B.E. - - - - -	1914	Stephens, Charles George, D.Sc. - - - - -	1950
†Soar, Dudley Thomas, B.Ec. - - - - -	1951	Stephens, Ella Mary, B.A. - - - - -	1915
Sobey, Iris Beatrice, B.A. - - - - -	1944	Stephens, Eric Coyne, B.Sc. - - - - -	1912
Sobey, Reginald Roberts, M.B., B.S. - - - - -	1942	†Stephens, Richard Clarence, B.D.S. - - - - -	1951
Sollas, William Johnston, D.Sc. (Cambridge) - - - - -	1914	†Stephens, Sylvester Kevin, B.E. - - - - -	1951
Solly, William Warburton, B.Sc. - - - - -	1948	Stephenson, James Lewis, B.Ec. - - - - -	1944
Solomon, George Herbert, M.B., B.S. - - - - -	1927	Stephenson, Leonard Allenby, B.Sc. (Eng.) - - - - -	1943
Solomon, Helen Ethel, LL.B. - - - - -	1935	Stephenson, Thomas Howard, B.E. - - - - -	1938
Solomon, Isaac Herbert, B.A. - - - - -	1895	Steven, Walter Edward, M.B., B.S. - - - - -	1920
LL.B. - - - - -	1898	Stevens, Aubrey Clement, M.A. - - - - -	1923
Solomon, Judah Moss, B.A. - - - - -	1888	Stevens, Edgar Loveday, LL.B. - - - - -	1919
LL.B. - - - - -	1891	Stevens, John Alfred Fortington, B.D.S. - - - - -	1948
Solomon, Susan Selina, B.Sc. - - - - -	1890	Stevens, Robert Peter (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - - - - -	1945
Solomons, Barnet, M.B., B.S. - - - - -	1922	Stevenson, Arthur James, B.E. - - - - -	1937
Somerset, Forbes Mitchell, B.E. - - - - -	1941	†Stevenson, Donald George, B.Sc. - - - - -	1949
Somerville, Archibald Shierlaw Ralph, LL.B. - - - - -	1922	Stevenson, Frances Aimee, B.A. (Tasmania, 1923) - - - - -	1926
Somerville, Dorothy Christine, B.A. - - - - -	1918	†Steward, Harrold Dunning, M.B., B.S. - - - - -	1951
LL.B. - - - - -	1921	†Stewart, Alastair Keith McKellar, M.B., B.S. - - - - -	1951
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered for B.E., 1919) - - - - -	1919	Stewart, Colin Gore, B.A. - - - - -	1914
Somerville, Sesca Lewin, B.A. - - - - -	1916	Stewart, Edgar Douglas James, B.E. - - - - -	1947
Sorrell, Margaret Walter, B.A. - - - - -	1925	Stewart, John Innes Mackintosh, M.A. (Oxford, 1935) - - - - -	1935
†Soukup, Dorothy Mavis, M.B., B.S. - - - - -	1951	Stewart, John McKellar, M.A. (D.Phil., Edinburgh, 1911) - - - - -	1923
†Souter, Douglas Todd, M.B., B.S. - - - - -	1949	Stewart, John Samuel, M.B., B.S. - - - - -	1939
Souter, John Francis, M.B. (Aberdeen, 1889) - - - - -	1897	Stewart, John Stewart McKellar, M.B., B.S. - - - - -	1942
Souter, Robert John de Neufville, M.B., B.S. - - - - -	1923	Stewart, Margaret McKellar, B.A. - - - - -	1937
†South, Ronald Robert, B.D.S. - - - - -	1951	Stewart, Vernon Allan Fergusson, M.B., B.S. - - - - -	1939
Southcott, Jean Wauchope, B.A. - - - - -	1921	Stidston, Matthew Alfred Clement, B.Sc. - - - - -	1936
Southcott, Ronald Vernon, M.B., B.S. - - - - -	1941	Stoate, Theodore Norman, M.Sc. - - - - -	1934
Southwood, Albert Ray, M.D. (M.B., B.S., 1916) - - - - -	1920	Stobie, James Cyril, M.E. - - - - -	1932
M.S. - - - - -	1925	Stockbridge, Edgar Lambert, B.E. - - - - -	1924
Southwood, Harry Milton, B.Sc. - - - - -	1936	†Stodart, Donald McLean, B.E. - - - - -	1951
M.D. (M.B., B.S., 1932) - - - - -	1943	Stoddart, Harold William Downing, M.B., B.S. - - - - -	1911
Spargo, Stanley Carr, B.A. - - - - -	1931	Stokes, Anne, B.Sc. - - - - -	1943
Spark, Mavis Constance, B.A. - - - - -	1947	Stokes, John, M.A. - - - - -	1948
Sparrow, Lorna Discombe, M.A. - - - - -	1934	†Stokes, John Barrymore, M.B., B.S. - - - - -	1951
B.Ec. - - - - -	1941	Stokes, John Lewis, M.B., B.S. - - - - -	1941
Sparrow, Maxwell Elliott, B.E. - - - - -	1934	Stokes, Judith, B.A. - - - - -	1947
Specht, Raymond Louis, M.Sc. - - - - -	1950	Stokes, Laura Joan Hartley, B.Sc. - - - - -	1940
†Speirs, William McMillan, B.A. - - - - -	1949	Stolz, Kate Sophie, B.A. - - - - -	1909
†Spencer, Leslie Brian, B.Sc. - - - - -	1951	†Stolz, Geoffrey Ernest, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - -	1949
Spooner, Edgar Clynton Ross, D.Sc. (Tas., 1946) - - - - -	1949	Storch, Wilhelm Murray, B.A. - - - - -	1938
Sprigg, Patricia Amy, B.A. - - - - -	1943	Storer, Laurel Jean, B.A. - - - - -	1937
Sprigg, Reginald Claude, M.Sc. - - - - -	1944	†Story, Gordon Malcolm, B.E. - - - - -	1950
†Sprod, Thomas Daniel, B.A. - - - - -	1951	Strachan, James Charles Power, M.B., B.S. - - - - -	1914
†Spruhan, Bridget Catherine, B.A. - - - - -	1933	Strahan, Anthony William, B.A. - - - - -	1934
†Spry, Alan Herbert, M.Sc. - - - - -	1951	Strange, Audrey Mavis, B.A. - - - - -	1944
Spurling, Milton Bernard, B.Ag.Sc. - - - - -	1945	Strange, Malcolm Leslie, M.A. - - - - -	1951
Spurr, Robert Thomas, B.Sc. - - - - -	1948	Stratmann, Paul Franz, M.B., B.S. - - - - -	1933
†Spurway, John Horton, M.B., B.S. - - - - -	1951	†Strawbridge, Albert Gordon, B.A. - - - - -	1951
Stace, Hubert Charles Thomas, B.Sc. - - - - -	1941	Strehlow, Theodor Georg Heinrich, M.A. - - - - -	1938
Stace, John Hamilton, M.B., B.S. - - - - -	1943	Streich, Carl Ivo, M.B., B.S. - - - - -	1919
†Stacy, John Michael Sholto, B.E. - - - - -	1951	Stribley, Edwin John, M.A. - - - - -	1925
Stain, Maxwell Wright, B.D.S. - - - - -	1944	Stribling, Ada Florence, B.A. - - - - -	1925
Stalley, Douglas John, B.Ec. - - - - -	1947	Stuart, Noel Harry, B.Sc., B.E. - - - - -	1928
†Stanley, Allen David, B.E. - - - - -	1949	Stuckey, Edward Joseph, B.Sc. - - - - -	1895
†Stanton, Robert Anthony, B.D.S. - - - - -	1950	M.B., B.S. - - - - -	1903
†Stam, Robert Edward, M.B., B.S. - - - - -	1949	Stuckey, Francis Seavington, B.Sc. - - - - -	1896
Stanley, Laurence John, LL.B. - - - - -	1925	Stuckey, Rupert Bramwell, LL.B. - - - - -	1898
Stanley, Neville Fenton, B.Sc. - - - - -	1942	†Sturmeay, Stanley George, B.Ec. - - - - -	1950
†Stapleton, David Hiley, B.Sc. - - - - -	1951	Sudholz, Herbert Frederick, B.D.S. - - - - -	1930
Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - -	1949	Sugg, Bentham Horace, B.A. - - - - -	1934
Statton, Arthur Knight, B.Sc. - - - - -	1922	Sullivan, Margaret Rendle, B.A. - - - - -	1943
Statton, Josiah William, B.Sc. - - - - -	1921	†Sullivan, Maxwell Douglas, B.Ec. - - - - -	1951
Statton, Keith Jeffery, M.B., B.S. - - - - -	1944	Sullivan, Phillip Grose, B.Sc. - - - - -	1942
Staude, Clarence Herman, B.A. - - - - -	1947	Summers, Frank Henry, B.Sc. - - - - -	1923
Stead, Sydney Arnold, B.Sc. - - - - -	1933		
Steele, David Macdonald, M.B., B.S. - - - - -	1909		
Steele, Donald Macdonald, M.B., B.S. - - - - -	1919		
Steele, Ian Macdonald, M.B., B.S. - - - - -	1948		
Steele, Kenneth Nugent, M.B., B.S. - - - - -	1914		
Steele, Laurence Russell, B.E. - - - - -	1940		

† Not yet Members of the Senate.

Sumner, Donald James Robert, M.B., B.S.	1922
Susman, Shirley Jean, B.Sc.	1947
Suter, Alfred Charles, B.Sc. (Liverpool, 1910)	1912
Sutherland, Hamilton D'Arcy, M.S. (M.B., B.S., 1937)	1944
Sutton, David John, B.Sc.	1948
Swaine, Cyril David, M.B., B.S.	1942
Swan, Alan Keith, B.A.	1943
Swan, Charles Spencer, M.D. (M.B., B.S., 1935)	1941
D.Sc.	1947
Swan, Duncan Campbell, M.Sc. (B.Sc., W.Aus.)	1935
Swan, Hilda Mary, B.A.	1940
Swan, John Brian, B.A.	1943
Swan, Warren Alexander, B.A.	1905
Swann, Eric John, M.B., B.S.	1924
†Swann, Mary Caroline, B.Sc.	1951
Swanson, Albert Frederick Daniel, B.A.	1940
Swanson, Thomas Baikie, M.Sc.	1936
Swayne, Joseph, B.A. (National, Ireland, 1915)	1921
Sweeney, Gordon, B.E.	1924
Sweeney, James Gladstone, M.B., B.S.	1915
†Sweeney, John Gladstone, M.B. B.S.	1951
Sweeney, Mary Ryan, B.A.	1932
†Sweeny, Murray Frank, B.E.	1950
†Sweetapple, George Frederick, B.Sc.	1945
Swift, Brian Herbert, M.B., B.S. (Cambridge, 1916)	1920
M.D. (Cambridge, 1936)	1936
Swift, Harry Houghton, B.E.	1915
Swift, Vera May, B.A.	1935
Symon, Charles James Ballaarat, M.A. (Oxford, 1919)	1932
†Symon, David Eric, B.Ag.Sc.	1950
Symonds, Edwin Joseph Truman, B.E.	1926
Symonds, George Burnett Lionel, B.E.	1919
Symonds, John Lloyd, B.Sc.	1944
†Symonds, Ruth Caust, B.A.	1950
Symonds, Wybert Milton Caust, B.Sc.	1925
Symons, Clifford Thomas, M.A.	1936
Symons, Edgar John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Symons, Eric Lindsay, M.B., B.S.	1917
Symons, Frederick William, B.E.	1926
Symons, Jack Gilroy, B.E.	1936
Symons, Lloyd Alfred Grigg, B.A.	1928
Symons, Reginald Albert, LL.B.	1927

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†Taeuber, Robert Lindsay, B.Sc.	1951
Tamblyn, Eric Joseph, M.B., B.S.	1936
†Tanko, Robert Seymour, B.D.S.	1951
Tanner, Garnet Albert, B.E.	1932
Tanner, George Pelham, B.A. (Oxford, 1908)	1912
Tapp, Adrian Lynda, B.A.	1928
†Tapp, William Felton, B.E.	1950
Tardrew, Philip Leslie, B.Sc.	1945
Tassie, Gemmel, M.B., B.S.	1926
Tassie, Jean Reid, B.A.	1914
Tassie, Joyce Gemmel, B.Sc.	1940
Tassie, Leslie Gemmel, M.B., B.S.	1912
Tassie, Robert Wilson, B.E. (B.Sc., 1907, surrendered for B.E., 1918)	1918
Tattersall, Ila, B.A.	1944
Taylor, Colin Stephen, B.E.	1948
Taylor, Donald William, B.E.	1931
†Taylor, Douglas McLeod, B.A.	1951
Taylor, Herbert Richard, B.A.	1932
†Taylor, Kevin Lyle, B.Sc.	1950
Taylor, Lindsay Birstow, B.Sc. (Eng.)	1942
†Taylor, Michael Gleeson, M.B., B.S.	1951
†Taylor, Reginald Morton, B.Sc.	1951
Taylor, Robert Herbert George, B.D.S.	1929
†Taylor, Robert John, LL.B.	1951
Taylor, Trevor Roy, LL.B.	1932
Telfer, Douglas Ivan, B.A.	1945
Templer, Jeffrey Norman, B.E.	1941

\* Deceased.

† Not yet Members of the Senate.

†Tennant, Maxine Rita, M.B., B.S.	1951
Ternan, Verna Joyce, B.A.	1933
Terrill, Frederick Edward, M.B., B.S.	1922
Terrill, Samuel Ernest, B.Sc.	1927
†Tester, Donald Kenneth, B.Sc.	1951
Teusner, Berthold Herbert, LL.B.	1931
Tew, John Hedley Brian, M.A. (Ph.D., Cambridge, 1940)	1947
Texler, Eva, M.B., B.S.	1942
Texler, Karl Maria, M.B., B.S.	1942
†Thiel, Colin Victor, B.Sc.	1949
Thiele, Colin Milton, B.A.	1941
Thiersch, Johannes Bernhardt, M.D. (Freiburg, 1935)	1938
Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
†Thomas, Alfred John Thornley, M.B., B.S.	1949
Thomas, Arthur Nutter, M.A. (Cambridge, 1895)	1906
Thomas, Arthur Robin, B.E.	1936
Thomas, Brian Gordon, M.B., B.S.	1947
Thomas, David Austin Grenfell, LL.B.	1931
Thomas, David John Saint, B.E.	1932
*Thomas, Edward Brooke, M.B., B.S.	1911
Thomas, Harold Davey, B.E.	1935
†Thomas, Ifor Morris, M.Sc. (Cardiff, 1933)	1949
Thomas, Jack, B.Sc.	1934
Thomas, Jeffery Josiah, B.Sc. (Eng.)	1945
Thomas, John Angus, B.Sc.	1948
†Thomas, Joyce Amy, B.Sc.	1949
Thomas, Margaret Helen, B.A.	1934
Thomas, Marjorie Phyllis Casley, M.B., B.S.	1927
†Thomas, Milton, B.Sc.	1950
Thomas, Richard Grenfell, B.Sc.	1924
Thomas, Trevor Wilson, B.A.	1939
†Thomas, Walter Warren, B.E.	1951
Thomas, William Lancelot, B.A.	1925
†Thompson, Aileen Joyce, B.Sc.	1950
Thompson, Alexander McQueen, M.B., B.S.	1937
†Thompson, Douglas Norman, B.Sc.	1949
Thompson, Frederick Verner, B.Sc. (Eng.)	1948
Thompson, Jean Fleming, B.A.	1928
Thompson, Jessie Mildred, B.A.	1939
Thompson, John Robert, M.B., B.S.	1938
Thompson, John Ronald, B.D.S.	1941
†Thompson, Leonard Arthur, B.D.S.	1950
Thompson, Rex Palmerstone, B.S.	1948
Thompson, Thomas Alexander, B.Sc.	1896
Thomson, Arthur Melville, B.Sc.	1936
†Thomson, Bruce James, B.Sc.	1950
†Thomson, Cedric Jeffrey, LL.B.	1951
Thomson, Joanna Erlistoun, B.A.	1948
Thomson, Lindsay Donald, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947
Thomson, Linda Lovibond, B.D.S.	1926
Thomson, Sydney William, B.D.S.	1930
Thomson, Theodore Roderick, M.B., B.S.	1947
Thomson, Vera Audrey, B.A.	1947
Thomson, William, B.A.	1936
†Thornton, Digby Noel, M.B., B.S.	1951
Thornton, Gayfield Collins, M.B., B.S.	1943
Threadgill, Bessie, B.A.	1929
Thredgold, Beatrice Marie, B.A.	1928
Thrum, Edward Allen, B.Sc.	1921
B.E.	1924
Thrush, Harry Clifford, B.A.	1915
Thyer, Alexander Maitland, M.E.	1936
Thyer, Frederick Lewis, M.B., B.S.	1923
Thyer, Robert Francis, B.Sc.	1932
Tidemann, Ernest Phillips, B.D.S.	1933
Tideman, Frederick William, B.E.	1925
Tiegs, Oscar Werner, D.Sc. (B.Sc., Queensland, 1919)	1922
Tilbrook, Jabez Percy Harold, M.A.	1926
†Tilbrook, Norman Keith, B.E.	1949
†Till, Maxwell Roy, B.Ag.Sc.	1949
†Tiller, Kenneth Matthew John, B.Sc.	1949

Tilley, Cecil Edgar, B.Sc. - - - -	1914	†Turner, Constance Mary, B.A. - - -	1951
Timcke, Edward Waldemar, B.A. - -	1920	Turner, Donald Lionel, B.Sc. - - -	1947
Tindale, Beryl Rae, B.A. - - - -	1948	Turner, Edward Robert, B.E. - - -	1932
Tindale, Norman Barnett, B.Sc. - -	1932	Turner, Emily Marian, B.Sc. - - -	1930
Tiver, Newton Stanley, M.Sc. - - -	1947	Turner, Frederic Boyd, M.B., B.S. -	1933
Tiver, Ronald Wayland, B.D.S. - -	1943	Turner, Helena Gladys, B.Sc. - - -	1940
†Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered -	1949	Turner, Nancy Gretton, B.A. - - -	1937
Tomlinson, Betty Mary, B.A. - - -	1939	Twartz, Arnold Frederick, B.Sc. - -	1936
Tomlinson, William Frederick, M.B., B.S. - - - -	1939	Twelftree, Clifford Croft, B.A. - -	1938
†Tonkin, Aubrey Douglas, M.B., B.S. -	1951	Tyas, Margaret Elizabeth, B.Sc. (London, 1905) - - - -	1905
Tonkin, Mary Elizabeth, B.A. - - -	1944	Tyler, Donald Henry, B.E. - - - -	1947
Tonkin, Raymond George, M.B., B.S. -	1937	Tymons, Clement James, B.D.S. - -	1945
Tonkin, William Richards, M.B., B.S. -	1921	†Tyson, Aagus Gordon, B.Sc. - - - -	1949
†Tooze, Mervyn John, B.Sc. - - - -	1947	U	
†Toppliss, John George, M.B., B.S. -	1950	Upton, Alethea Mary, Mus.Bac. - - -	1941
†Topperwien, Irwin, M.A. - - - -	1924	Upton, William Carrick Tunk, M.B., B.S. (M.B., Ch.M., Sydney, 1919) -	1935
Torr, Shirley Constance, B.A. - - -	1944	Urban, Friedrich, M.B., B.S. - - -	1942
Tostevin, Alfred Ladyman, M.B., B.S. -	1923	Urban, Regina, B.D.S. - - - -	1942
Townsend, Herbert Louis, B.A. - - -	1941	Ure, Constance Douglas, B.Sc. - - -	1930
†Traeger, Keith Terence, B.A. - - -	1949	Ure, Gwendolen Helen, LL.B. - - -	1923
†Tratman, Frank, M.D. (London, 1892)	1899	†Urwin, Jack Robson, B.Sc. - - - -	1950
Travers, John Leo, LL.B. - - - -	1920	†Usher, Emilie Pauline, B.A. - - - -	1950
Treasure, Eunice Jessie, B.A. - - -	1944	V	
†Treasure, Valda Beth, B.A. - - - -	1951	Van Senden, Raymond Redvers, B.E. -	1924
†Tregenza, Alan Arthur, B.A. - - - -	1949	Vance, Christina Elizabeth, B.Sc. - -	1935
Tregenza, Sydney Lloyd, B.A. - - -	1923	Vanstone, Bartley James, B.D.S. - -	1946
†Tregonning, Alexander Gillespie Anthony, M.B., B.S. - - - -	1951	Vaudrey, Mary, B.A. - - - -	1933
†Tregonning, Donald John Kennedy, M.B., B.S. - - - -	1949	Vaughan, John Howard, LL.B. - - -	1900
†Tregonning, Kennedy Gordon Philip, B.A. - - - -	1950	Vawser, John Alfred, B.E. - - - -	1926
Treleaven, Walter, B.Sc. - - - -	1893	Vawser, Nevin Stuart, B.E. - - - -	1948
Treloar, Albert Edward Coran, LL.B. -	1927	Vawser, Noel Keith, B.Ec. - - - -	1944
†Treloar, Hugh Kingsley, LL.B. - - -	1951	†Vawser, Paul Frederick, B.D.S. - - -	1950
Tremain, Allen Maurice, B.Sc. - - -	1943	†Veitch, Lindsay Garfield, B.Sc. - -	1949
Trenbath, Frank Everard, M.B., B.S. -	1944	Venner, Barton Frederick, M.B., B.S. -	1946
Trenerry, Roger, B.E. - - - -	1948	Verco, Claude Maythorn, B.A. - - -	1915
Trenorden, Glenwynne Eva, B.A. - - -	1934	Verco, Clement Armour, M.B., Ch.M. (Sydney, 1901) - - - -	1902
Trenorden, James Henry, B.A. - - -	1945	Verco, Geoffrey Webb, M.B., B.S. - -	1937
Trestrail, Hugh Alexander, B.E. - - -	1937	Verco, Joseph Stanley, M.B., B.S. - -	1913
Trethewie, Everton Rowe, M.D. (Melb., 1939) - - - -	1944	Verco, Luke Everard, M.B., B.S. - -	1940
Triggs, Kathleen Dorothy, B.A. - - -	1945	Verco, Peter Willis, M.D. (M.B., B.S., 1942) - - - -	1949
†Trimmer, Ray Brian, B.E. - - - -	1949	Verco, Ronald Lister, M.B., B.S. - - -	1928
Trist, Alan Roberts, B.Sc. - - - -	1928	Verrall, Raymond Wilfred, B.A. - - -	1937
Trott, Arthur Keith, B.D.S. - - - -	1939	Verrall, Roswell Victor, B.E. - - -	1947
Trott, Dudley William, B.D.S. - - - -	1939	Vickery, Frederick Arthur, M.A. - - -	1931
†Trott, John Richard, B.D.S. - - - -	1950	†Vincent, David James, B.D.S. - - -	1949
†Trott, Lyndon Rodney Eyre, B.E. - - -	1950	†Vincent, Francis William, B.E. - - -	1950
Trotter, Frederick Lionel, B.D.S. - - -	1941	†Vivian, Arthur Brian, M.B., B.S. - -	1950
Trudinger, Anna, B.A. - - - -	1892	Vogt, Ronald Walter, B.Sc. (Eng.) - -	1947
Trudinger, Clara, B.Sc. - - - -	1908	Von der Borch, Rudolph Hermann, M.B., B.S. - - - -	1926
Trudinger, Malcolm August, M.B., B.S. -	1927	Von Luschan, Felix, D.Sc. (Ph.D., Munich, 1889) - - - -	1914
Trudinger, Martin, B.A. - - - -	1912	Vowels, Rex Eugene, M.E. - - - -	1939
Trudinger, Philip Alan, B.Sc. - - - -	1948	W	
Trudinger, Ronald, B.Sc. - - - -	1905	Wache, Ethel Mabel, B.A. - - - -	1939
M.B., B.S. - - - -	1909	Waddy, John Lane, M.B., B.S. - - -	1948
Trudinger, Ronald Martin, B.A. - - -	1943	†Wade, Mary Julia, B.Sc. - - - -	1951
Trudinger, Walter, B.A. - - - -	1892	Wagner, Barbara Joan, B.D.S. - - -	1942
Trumble, Hugh Christian, D.Sc. (M.Ag.Sc., Melbourne, 1927) - - -	1937	Wagner, Franz William, B.Sc. - - -	1928
†Trumble, Hugh Peter Christian, B.Ag.Sc. - - - -	1949	†Wahlquist, Eric Gilbert, B.A. - - -	1951
Tuck, Bernard Edward Charles, B.A. -	1922	Wainwright, Charles Leonard, B.Sc. -	1900
Tuck, Bernard Geoffrey, LL.B. - - -	1933	Wait, Marthe Lucy, M.A. - - - -	1922
Tuck, Gilbert Playford, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) -	1947	Wait, Yvonne Lois, M.A. - - - -	1932
Tuck, Harry Playford, B.Sc. - - - -	1915	Waite, Jack Francis Enos, B.A. - - -	1936
M.E. - - - -	1943	†Wake, Roderick Barry, B.E. - - - -	1951
Tuck, Raymond Allen, B.Sc. - - - -	1939	Wakeford, Sidney Claud, B.A. - - -	1937
Tucker, Bruce Mollet, B.Sc. - - - -	1941	†Waldeck, Reginald David Chapple, B.A. - - - -	1950
Tucker, Harold Norman, LL.D. (D.C.L., Oxford, 1946) - - - -	1947	Wale, William Henry, Mus.Bac. (Oxford, 1874) - - - -	1896
Tucker, Howard Erskine, LL.B. - - -	1920	Walker, Alexander John Kerry, B.Ag.Sc. -	1939
Tuckwell, Eric Clavering, B.A. - - -	1940	Walker, Christina Annie, LL.B. - - -	1935
†Tuckwell, Ernest Sinclair, B.A. - - -	1948	Walker, Daniel, B.Sc. - - - -	1887
†Tuckwell, Ernest Sinclair, B.A. - - -	1930	Walker, Ellen Lawson, B.Sc. - - - -	1899
Turnbull, Gordon McLeod, M.B., B.S. -	1937	Walker, Frances Sophia, Mus.Bac. - -	1908
Turner, Betty Gretton, B.Sc. - - - -	1937	Walker, Gilbert John, B.A. - - - -	1940
Turner, Charles Trevor, M.B., B.S. -	1914	Walker, Jane Elizabeth, B.A. (Wales)	1908

\* Deceased.

† Not yet Members of the Senate.

†Walker, John Adrian Mozar, M.B., B.S. - - - - -	1951	Watson, George Michael, M.B., B.S. -	1936
Walker, John Schomburgk, B.Sc. - - -	1926	Watson, Joyce, B.A. - - - - -	1937
Walker, Mildred, B.A. - - - - -	1928	Watson, Margaret Arden, B.Sc. - - -	1940
Walkington, Harvey Mawbey, B.E. - - -	1937	Watson, Ruth, M.Sc. - - - - -	1938
Walkley, Allan, B.Sc. - - - - -	1927	Watson, Percival, M.A. - - - - -	1931
Walkley, Gavin, B.E. - - - - -	1934	Watson, Timothy Alfred Francis Quinlan, M.Sc. - - - - -	1945
M.A. (Cambridge, 1942) - - - - -	1949	Watt, Fanny Eileen, M.A. - - - - -	1930
Walkley, Joan Eileen, M.Sc. (B.Sc., London) - - - - -	1949	†Wattchow, Colin Edward, B.A. - - -	1949
Wall, Barbara Deane, M.A. - - - - -	1950	Watts, Edith Isabel, B.A. - - - - -	1935
Wall, Frederick Lawrence, M.B., B.S. 1914 - - - - -	1914	†Watts, Ruth Emily, B.A. - - - - -	1949
Wall, Gordon Elliott, B.Sc. - - - - -	1947	†Watts, John Clyde, B.Sc. - - - - -	1949
†Wall, Margaret Esther, B.Sc. - - - - -	1951	†Wauchope, Diana D'Este, B.Sc. - - -	1949
Wallace, Donald, B.A. - - - - -	1939	Wauchope, Diosma Marie, B.A. - - -	1923
Wallace, Frank Kenneth, M.B., B.S. - - -	1934	Wauchope, Frederick John, B.Sc. - - -	1930
Wallace, Robert Strachan, M.A. (Ox- ford) - - - - -	1926	Wauchope, Malcolm Macdonald, (Melbourne, 1918) - - - - -	1924
Wallman, Ian Stuart, M.B., B.S. - - -	1947	Wauchope, Mavis Lorelie, M.A. - - -	1936
†Wallman, James Douglas Robson, M.B., B.S. - - - - -	1951	†Waugh, William McDonald, B.A. - - -	1951
Wallman, Leigh Stuart, M.B., B.S. - - -	1940	†Way, Leslie Edward, B.Sc. - - - - -	1949
Wallman, Neil Stuart, M.B., B.S. - - -	1944	Way, Neville James, M.B., B.S. - - -	1948
Wallman, Nugent Horton, LL.B. - - -	1937	†Waye, Peter Neil, LL.B. - - - - -	1951
†Wallman, Rex Horton, B.D.S. - - - - -	1951	Wearne, Enid Lois, B.A. - - - - -	1948
†Wallman, Richard John Robson, M.B., B.S. - - - - -	1951	Webb, Arthur Liddon, M.B., B.S. - - -	1922
Wallmann, Douglas Robson, M.B., B.S. 1918 - - - - -	1918	†Webb, Emmaline Nancy, B.A. - - - - -	1949
Wallmann, Reginald Horton, LL.B. - - -	1907	Webb, John Edward, B.Sc. (Eng.) - - -	1942
Walmisley, Robert Leitch Eric, M.B., B.S. - - - - -	1920	Webb, John Newton, M.B., B.S. - - -	1917
†Walsh, Brian Richard, M.B., B.S. - - -	1950	Webb, Mary Gwendoline, B.A. - - - - -	1937
Walsh, Dorothy Counley, B.A. - - - - -	1921	Webb, Rita Gwendoline, B.A. - - - - -	1930
Walsh, Esmond Thomas, M.B., B.S. - - -	1926	Webber, Ronald Thomas John, B.Ag.Sc. 1948 - - - - -	1948
Walsh, Frances Mary, B.A. - - - - -	1931	†Webbing, Donald D'Arcy, B.Sc. - - -	1950
Walsh, Kevin Gerald, LL.B. - - - - -	1932	Webster, Raymond Murray, B.Sc. - - -	1938
†Walsh, Margaret Mary, B.A. - - - - -	1951	†Webster, Stanley George, M.B., B.S. 1951 - - - - -	1951
Walsh, Reginald Clarence, B.E. - - - - -	1925	†Webster, Wilfred Grant, B.Sc. - - -	1949
Walter, Harold Noal, B.E. - - - - -	1938	†Weetman, Alan Russell, M.B., B.S. - - -	1951
Walter, Hilda Blanche May, M.A. - - -	1915	†Wegener, Clemens Frederick, B.Sc. - - -	1949
Walter, William Ardagh Gardner, B.A. (Oxford, 1908) - - - - -	1909	Wegener, Richard Albert, B.E. - - -	1948
Walters, George Henry, LL.B. - - - - -	1936	Weir, Isobel, B.A. - - - - -	1914
Walton, Bruce Adrian, B.Sc. - - - - -	1945	Weiss, Donald Eric, B.Sc. - - - - -	1945
Walton, Gertrude Mary, B.A. - - - - -	1904	Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932) - - - - -	1941
Walz, Joseph Michael, B.A. - - - - -	1945	†Weiss, Alan Austin, B.Sc. - - - - -	1950
†Wannan, Douglas Copeland, B.E. (Inter- im B.Sc. (Eng.), 1945, surren- dered) - - - - -	1947	Welbourn, Alan Egerton, B.E. - - - - -	1937
Wannan, Ellen Sarah, B.Sc. - - - - -	1930	Welbourn, Barbara Egerton, B.Sc. - - -	1941
Ward, Cyril Michael, M.A. - - - - -	1912	Welbourn, Eleanor Egerton, B.A. - - -	1948
Ward (nee Claridge), Evelyn Dorothy, B.Sc. - - - - -	1935	Welch, Arthur Walter Sydney James, M.B., B.S. - - - - -	1923
†Ward, Gerald Michael, LL.B. - - - - -	1949	Welch, Frank Edison, M.B., B.S. - - -	1936
Ward, Harry Lancelot, B.A. - - - - -	1920	Welch, Horace Henry Eric, B.E. - - -	1938
Ward, Jean Russel, B.A. - - - - -	1939	Weld, Elizabeth Eleanor, M.B. (Mel- bourne, 1901) - - - - -	1901
Ward, John Frederick, M.A. - - - - -	1908	†Wellby, Maurice Lindsay, B.Sc. - - -	1950
†Ward, Kevin James, LL.B. - - - - -	1949	Weller, Raymond Alfred, B.Sc. - - -	1948
Ward, Kevin Leonard, LL.B. - - - - -	1921	Wellington, Hugh Kennedy, B.E. - - -	1948
Ward, Leonard Keith, B.E. (Sydney, 1903) - - - - -	1913	†Wells, Barbara Gordon, M.B., B.S. - - -	1951
D.Sc. - - - - -	1926	†Wells, Cedric Bayford, B.Ag.Sc. - - -	1951
Ward, Leonard Rosslyn, B.E. - - - - -	1932	Wells, Clarence Gordon, M.B., B.S. - - -	1921
Ward, Margaret Kennings, B.A. - - - - -	1947	†Wells, Elizabeth Anne, B.A. - - - - -	1949
Ward, Robert Hayes, LL.B. - - - - -	1936	Wells, Elizabeth Wynne, B.A. - - - - -	1934
Ward, Russel Braddock, M.A. - - - - -	1950	Wells, William Andrew Noye, LL.B. - - -	1945
†Warden, Robert Douglas Cunninghame, LL.B. - - - - -	1951	Welsh, James Oglesby, B.A. - - - - -	1948
Warhurst, Barbara Wilfred, B.Sc. - - -	1938	Wemyss, Eleanor Evelyn Beatrice, M.A. - - - - -	1924
Warren, Donald Hampton, B.A. - - - - -	1942	Were, John Owen, B.A. - - - - -	1933
Warren, Sidney Lilla, B.A. - - - - -	1915	Wesley Smith, Henry Elliott, B.A. - - -	1936
Waterhouse, Louis David, LL.B. - - - - -	1914	Wesslink, Philip Murdoch, B.D.S. (Syd- ney, 1926) - - - - -	1949
Waterhouse, Thomas Henry, B.E. (Inter- im B.Sc. (Eng.), 1945, surren- dered) - - - - -	1948	West, Arthur George Bainbridge, M.A. (Oxford, 1892) - - - - -	1897
Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - -	1947	West, Bruce Oswald, B.Sc. - - - - -	1948
†Waters, Russell Kyle, B.A. - - - - -	1949	West, Doris Marjorie, B.A. - - - - -	1921
Waterson, John Gabriel, B.D.S. - - - - -	1945	West, Eric Stodden, B.Sc. - - - - -	1921
Watkins, Charles Thomas, LL.B. - - -	1907	West, Esmond Frank, M.B., B.S. - - -	1922
Watkins, John Leslie, B.E. - - - - -	1933	West, Gordon Roy, B.Sc. - - - - -	1904
Watkinson, Mavis Daphne, B.A. - - -	1937	M.B., B.S. - - - - -	1908
Watson, Arthur Harrison Edward, M.B., B.S. - - - - -	1920	West, John Stanley, B.E. (B.Sc., 1907, surrendered for B.E.) - - - - -	1914
†Watson, Donald Robert, B.E. - - - - -	1951	West, Leonard Roy, M.B., B.S. - - -	1934
		West, Reginald Arthur, M.A. - - - - -	1905
		West, Robert Frank, M.D. (M.B., B.S., 1935) - - - - -	1949
		Westerman, Franklinna Sisley, B.D.S. - - -	1946
		Westgarth, Walter Tebble, M.A. - - -	1929
		†Weston, Frank Keith, B.A. - - - - -	1950

† Not yet Members of the Senate.



† Westphalen, John Arthur, B.Sc. - - - - -	1950	Wilkinson, Herbert John, B.A. - - - - -	1914
Whalan, Lionel Walter, B.A. - - - - -	1948	M.D. (Sydney, 1930) - - - - -	1934
Wharhirst, Gwendolen Elizabeth, M.A. (Oxford, 1940) - - - - -	1945	† Wilkinson, Philomena Mary, B.A. - - - - -	1949
Wheatley, Frederick William, B.A. - - - - -	1904	Wilkinson, Robert Stuart, M.B., B.S. - - - - -	1939
D.Sc. - - - - -	1913	† Wilkinson, Stewart Rex, B.A. - - - - -	1950
Wheeler, Harry Winslow, B.Sc. - - - - -	1929	Wilkinson, Thomas Lancelot, B.Sc. - - - - -	1925
Wheeler, Reginald John, M.B., B.S. - - - - -	1930	† Wilksch, Betty Ruth, B.A. - - - - -	1949
Whibley, Cyril George, B.E. - - - - -	1927	† Willcocks, Robert Douglas, B.Sc. - - - - -	1951
Whillas, Geoffrey French, B.Sc. - - - - -	1946	† Williams, Arthur Charles, B.Sc. - - - - -	1950
Whillas, Jean Kathleen, B.A. - - - - -	1947	Williams, Arthur Evan, M.B., B.S. - - - - -	1914
Whitburn, Jack, B.A. - - - - -	1931	Williams, Bruce Rodda, M.A. - - - - -	1944
* White, Alan Hubert, M.B., B.S. - - - - -	1921	Williams, Caroline Margaret, B.A. - - - - -	1915
† White, Anthony Hopper, B.Sc. - - - - -	1951	Williams, Christobel Mary, B.Sc. - - - - -	1945
White, Brian Ross, B.Sc. - - - - -	1947	Williams, Colin Hale, M.Sc. - - - - -	1948
† White, Francis Richard, B.D.S. - - - - -	1950	Williams, Donald Carter, B.A. - - - - -	1933
† White, Hedley John, B.E. - - - - -	1950	LL.B. - - - - -	1935
White, Helena Victoria, B.A. - - - - -	1934	Williams, Dorothy Theresia, B.A. - - - - -	1935
White, Henry Douglas, B.A. - - - - -	1943	Williams, Eirene Mary, B.A. - - - - -	1907
† White, James Michael, LL.B. - - - - -	1951	Williams, Garth David, B.Sc. - - - - -	1948
White, Joan Hazel, M.B., B.S. - - - - -	1935	Williams, George Esson Keith, M.A. - - - - -	1947
† White, John Baron, B.E. - - - - -	1949	Williams, James Henry, M.A. - - - - -	1923
White, Joyce Wmifred, B.A. - - - - -	1945	Williams, Joan Beatrice, B.A. - - - - -	1948
White, Kenneth Elsdon, B.E. - - - - -	1948	Williams, Lindsay Hale, LL.B. - - - - -	1945
White (nee Healy), Nora Kate, B.A. - - - - -	1939	Williams, Mabel Evangeline, M.A. - - - - -	1916
White, Phyllis, B.Sc. (Sydney, 1920) - - - - -	1922	† Williams, Monica Houghton, B.Sc. - - - - -	1951
White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947	Williams, Philip Glenly, B.A. - - - - -	1941
White, Ray Baron, B.E. - - - - -	1942	† Williams, Philip Mark, B.E. - - - - -	1951
† White, Rodney Gordon, M.B., B.S. - - - - -	1949	Williams, Ralph, B.Sc. - - - - -	1914
White, Ruth Baron, B.Sc. - - - - -	1942	Williams, Robert Francis, M.Sc. (B.Sc., W.Aus.) - - - - -	1934
White, Wilfred Allan, B.Ec. - - - - -	1942	Williams (nee Hotten), Roma Olive, B.A. - - - - -	1941
White, Wilfred Carlstan Jurs, B.Sc. - - - - -	1948	Williams, Spencer, M.A. - - - - -	1930
White, William John, M.E. - - - - -	1920	Williams, Walter Leslie, B.A. - - - - -	1940
White, William Richard Bolitho, B.E. - - - - -	1932	Williams, Zena Vera, B.A. - - - - -	1940
† Whitehead, Millicent Alma, B.A. - - - - -	1949	† Williamson, David Aubrey, M.B., B.S. - - - - -	1951
Whitehead, Albert James, B.Sc. - - - - -	1929	Willing, Charles Eric, M.B., B.S. - - - - -	1928
B.A. - - - - -	1937	† Willington, John Mattinson, B.E. - - - - -	1951
Whitford, Patricia Mary, B.A. - - - - -	1940	† Willington, Lloyd Stanley, B.A. - - - - -	1950
Whitham, Annie Beatrice, B.A. - - - - -	1905	Willmott, Josiah Percival, B.Sc. - - - - -	1907
Whiting, Clyde Taylor, B.A. - - - - -	1931	Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931) - - - - -	1947
† Whittington, Anne, B.A. - - - - -	1950	Willoughby, Roger George, B.D.S. - - - - -	1938
Whittington, Bertram, B.Sc. - - - - -	1899	† Wills, Caroline Marie Agnew, B.A. - - - - -	1951
B.E. - - - - -	1913	Willsmore, Elsie Victoria, Mus.Bac. - - - - -	1918
Whittington, Joan, B.A. - - - - -	1933	Willsmore, Hurtle Binks, B.Sc. - - - - -	1916
Whittington, Louis Arnold, LL.B. - - - - -	1911	Wilmshurst, Maurice George, B.A. - - - - -	1934
Whittington, Richard Smallpiece, LL.B. - - - - -	1935	Wilson, Allan Fraser, M.Sc. - - - - -	1947
Whittle, Alick William Green, M.Sc. - - - - -	1948	† Wilson, Brenda Ruth, B.A. - - - - -	1950
Whittle, Donald George, B.E. - - - - -	1938	Wilson, Charles Ernest Cameron, M.B. (Melbourne, 1899) - - - - -	1900
† Whittle, Edith Julia, B.A. - - - - -	1950	Wilson, Charles Graham, M.B., B.S. - - - - -	1947
Wiadrowski, Maxwell Alfred Anton, B.A. - - - - -	1937	Wilson, Colin Leslie, B.Sc. (Eng.) - - - - -	1944
† Wibberley, Brian, B.E. - - - - -	1951	† Wilson, Dennis de Courcy, M.B., B.S. - - - - -	1949
Wibberley, Brian William, B.Sc. - - - - -	1911	Wilson, Derek Finlay, LL.B. - - - - -	1936
M.B., B.S. - - - - -	1914	Wilson, Doris May, B.A. - - - - -	1938
Wibberley, Hermia Mary, B.A. - - - - -	1941	† Wilson, Edward Peter, M.B., B.S. - - - - -	1951
Wickett, Harold Clarence, M.Sc. - - - - -	1946	Wilson, Gordon Samuel, B.Sc. (Eng.) - - - - -	1944
Wicks, Frederick Ralph, M.B., B.S. - - - - -	1923	Wilson, Harry Max, B.D.S. - - - - -	1928
Wicks, Norman Stephen Price, M.B., B.S. - - - - -	1947	Wilson, Jack Woodrow, B.Sc. - - - - -	1936
Wien-Smith, Geoffrey, M.B., B.S. - - - - -	1915	Wilson, James Beith, B.A. - - - - -	1896
Wiesner, Clarence Jack, B.Sc. - - - - -	1935	† Wilson, John Grenell, M.B., B.S. - - - - -	1949
Wigan, Leonard James Cleveland, B.E. - - - - -	1921	Wilson, Keith Cameron, LL.B. - - - - -	1922
Wigg, Neil Thornburn Melrose, M.B., B.S. - - - - -	1925	Wilson, Laurence Algernon, M.B., B.S. - - - - -	1918
Wigg, Ronald Melrose, M.E. - - - - -	1945	Wilson, Luther Ernest Crosby, B.Sc. - - - - -	1926
Wight, Albert James, B.E. - - - - -	1936	M.A. - - - - -	1932
Wight, Albert Raymond, B.E. - - - - -	1914	Wilson, Mollie Jean, LL.B. - - - - -	1935
Wight, Hillier Clement, B.E. - - - - -	1933	† Wilson, Robert Bruce, B.Sc. - - - - -	1950
Wight, Hugh Humphrey, B.Sc. - - - - -	1929	Wilson, Robert Kevin, M.B., B.S. - - - - -	1937
M.E. - - - - -	1937	Wilson, Thomas George, M.D. (Sydney, 1904) - - - - -	1904
Wighton, Helen Craven, B.A. - - - - -	1938	Wilson, William Fraser, B.Sc. - - - - -	1943
Wighton (nee Blackburn), Rosemary Neville, B.A. - - - - -	1945	Wilton, Alexander Cockburn, M.B., B.S. - - - - -	1911
Wignall, Douglas Ronald, B.A. - - - - -	1948	Wilton, Dorothy Clyve, B.Sc. - - - - -	1940
Wilcher, Lewis Charles, B.A. - - - - -	1929	† Wilton, John Barrett, B.Sc. - - - - -	1950
Wildy, Ralph Alderman, B.E. - - - - -	1938	† Wincey, Cynthia Weaver, B.Sc. - - - - -	1949
Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942) - - - - -	1951	Windle, Doris Sophia, B.A. - - - - -	1941
Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - -	1948	Winkler, Arthur Edmund, B.Sc. (Eng.) - - - - -	1943
Wilkins, Ray Eber, B.A. - - - - -	1948	Winnall, Nancy Eleanor, B.Sc. - - - - -	1919
Wilkinson, Harold Callan, B.E. - - - - -	1931	Winter, Karl Berthold, M.B., B.S. - - - - -	1942
		Winter, William Graham, B.Sc. - - - - -	1938
		Winwood, William Weston, B.E. - - - - -	1926
		Winzor, Frank Lovelock, D.Sc. - - - - -	1935
		† Wissell, Stewart Gordon, B.A. - - - - -	1949

\* Deceased.

† Not yet Members of the Senate.

Witt, Erik Hans, B.E. - - - -	1929	Wright, Charlotte Elizabeth Arabella, B.A. - - - -	1888
†Wittwer, Ivan Donald, B.A. - - - -	1951	Wright, Edna May, B.A. - - - -	1938
Woithe, William Henry, B.E. - - - -	1936	Wright, George Herbert, B.A. - - - -	1908
†Wollaston, Jocelyn Mary, B.Sc. - - - -	1950	Wright, Leslie McLean, LL.B. - - - -	1935
Womersley, Hugh Brian Spencer, M.Sc. - - - -	1947	Wright, Lewis Garner, LL.B. - - - -	1891
Womersley, John Spencer, B.Sc. - - - -	1945	Wright, Noruan Harvey, B.A. - - - -	1927
Wood, Allen Edwin, B.A. - - - -	1944	†Wright, Robert Errol, B.Sc. - - - -	1950
†Wood, Colin James, B.A. - - - -	1950	†Wright, Robert John, B.Sc. (Eng.) - - - -	1949
Wood, Florence Catherine, B.A. - - - -	1938	Wurm, Bertram Eric, M.B., B.S. - - - -	1920
Wood, Gordon Leslie, M.A. (Tasmania, 1922) - - - -	1922	Wurm, Roger Sinclair, M.B., B.S. - - - -	1947
Wood, Henry Lambert, M.Sc. (B.Sc., Qsld.) - - - -	1941	Wylie, Geoffrey Gurmer, M.B., B.S. - - - -	1948
Wood, Joseph Garnett, D.Sc. - - - -	1933	†Wylie, John Richard, B.Sc. - - - -	1951
†Wood, Judith Ann, B.A. - - - -	1950	†Wymond, Alonzo Pearse, M.Sc. - - - -	1951
Wood, Montague Couch, M.A. (Oxford, 1880) - - - -	1888	Wynes, William Anstey, LL.D. - - - -	1933
Wood, Murray Bowering, M.B., B.S. - - - -	1939	Wyndham, Robert Alexander, B.Sc. (Sydney, 1934) - - - -	1938
Wood, Philip Barclay, Mus.Bac. - - - -	1938		
Woodard, Charles Ernest, B.A. - - - -	1933	Y	
Woodger, Gwenneth Godwin, LL.B. - - - -	1941	Yates, Colin, B.E. - - - -	1932
Woodham, Barbara Elizabeth, B.A. - - - -	1941	Yates, Donald, B.E. (B.Sc., 1915, surrendered for B.E., 1919) - - - -	1919
†Woodhouse, Roy, LL.B. - - - -	1950	Yates, Percy Cocker, M.B., B.S. - - - -	1942
Woodman, Stanley Kenneth, B.E. - - - -	1934	Yates, Reginald Colin, B.E. - - - -	1937
Woodroffe, Keith, B.Ag.Sc. - - - -	1937	Yeatman, Charleton, M.B., B.S. - - - -	1910
Woodroffe, Gwendolyn Marion, M.Sc. - - - -	1944	†Yeatman, Christopher William, B.Sc. - - - -	1951
Woodroffe, Kathleen, M.A. - - - -	1948	Yeatman, John Charleton, M.B., B.S. - - - -	1938
Woods, Charles William Griffin, M.B., B.S. - - - -	1939	Yelland, Joan Mary, B.A. - - - -	1933
Woods, Edward Burchell, B.A. (London, 1884) - - - -	1921	†Yelland, Kathleen Norah, B.A. - - - -	1951
Woods, Julian Gordon Tenison, LL.B. - - - -	1918	Young, Barbara Quinn, M.B., B.S. - - - -	1942
Woods, Nelly Hooper, M.A. - - - -	1930	†Young, Caroline Agnes, B.A. - - - -	1949
Woods, Richard Vynne, B.Sc. - - - -	1947	Young, David Hastings, M.B. (Edinburgh) - - - -	1894
Woodward, Barbara, B.A. - - - -	1944	Young, Donald Scott, B.E. - - - -	1929
†Woodward, Oliver Gordon, B.Sc. - - - -	1950	Young, Dorothy Kate, B.A. - - - -	1937
Woolcock, Collin Elwyn, M.Sc. - - - -	1945	Young, James Hannibal, M.D. (M.B., B.S., 1929) - - - -	1937
Woolcock, Rosslyn James, M.B., B.S. - - - -	1927	†Young, Kelvin Albert, B.Sc. (Eng.) - - - -	1949
Woodlridge, Alan Frank, B.Sc. - - - -	1947	Young, Michael Quinn, B.E. - - - -	1945
Woolnough, Geoffrey Lawrence, B.E. - - - -	1929	Young, Phillip John, B.Ag.Sc. - - - -	1947
Woolnough, Harold, B.A. - - - -	1906	Young, Sir Frederick William, LL.B. - - - -	1897
Woolnough, Walter George, D.Sc. (Sydney, 1904) - - - -	1904	Younkman, Landau, B.Sc. - - - -	1910
Worsnop, Elsie Madeline, M.A. - - - -	1913	Yuill, George Ashwin, LL.B. - - - -	1913
†Worthington, Charles Roy, B.Sc. - - - -	1951	Z	
Worthley, Boyce Wilson, M.Sc. - - - -	1944	Zelling, Howard Edgar, LL.B. - - - -	1938
Worthley, Seymour Richard, M.Sc. - - - -	1945	†Zeppel, Frank Robert, B.A. - - - -	1950
Wright, Angus Stanley, B.Sc. - - - -	1933	†Ziesing, George Murray, B.Sc. - - - -	1950
		Zimmet, Jacob, M.B., B.S. - - - -	1942
		Zoratti, Alba Pierina, B.A. - - - -	1945

## 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	Whillas, Jean Kathleen, English Language and Literature I - - - -	1947
Cheek, Bruce Mansfield, Economics I - - - -	1947	Altmann, Olive Stella, French Language and Literature II - - - -	1948
Chittleborough, Laurel Evelyn, French Language and Literature II - - - -	1947	Cashmore, Helen Patricia, Political Science and History II - - - -	1948
Forsyth, Elliott Christopher, French Language and Literature II - - - -	1947	Craton, Patricia Clarice, English Language and Literature I - - - -	1948
Heddle, Shirley, French Language and Literature I - - - -	1947	Hall, Jocelyn Rosemary, English Language and Literature II - - - -	1948
Leaney, Roy Kent, English Language and Literature II - - - -	1947	Muecke, Douglas Colin, English Language and Literature I - - - -	1948
Lee, Heather Vivian, English Language and Literature II - - - -	1947	Pash, Jeffrie Herbert, B.A., French Language and Literature I - - - -	1948
Nancarrow, Jean Isobel, French Language and Literature I - - - -	1947	Pike, Douglas Henry, Political Science and History I - - - -	1948
O'Connor, Denise Christobel, English Language and Literature II - - - -	1947	Reynolds, Lilo, English Language and Literature I - - - -	1948
Osborn, Rowen Frederic, Economics and Political Science II - - - -	1947	Robertson, Betty Ann Fotheringham, Economics and Political Science II - - - -	1948
Stokes, Judith, French Language and Literature II - - - -	1947	Tindale, Beryl Rae, English Language and Literature II - - - -	1948

† Not yet Members of the Senate.

Worthley, Boyce Wilson, B.A., M.Sc., Philosophy I - - - - -	1948	Roder, John Herbert, English Language and Literature II (ii) - - - - -	1950
Duncan, Ross, Political Science and His- tory I - - - - -	1949	Slee, Ian Bruce, English Language and Literature II (ii) - - - - -	1950
Ellis, Bruce Walter, French Language and Literature I - - - - -	1949	Tregonning, Kennedy Gordon Philip, Political Science and History I - - -	1950
O'Donoghue, Kenneth Kilian, B.A., Politi- cal Science and History II - - - - -	1949	Blackburn, Margaret Alison, French Lan- guage and Literature II (i) - - - - -	1951
Opie, Roger Gilbert, Economics I - - - - -	1949	Blair, Ruth Margaret, Economics II (ii)	1951
Selth, Donald Victor, Political Science and History II - - - - -	1949	Clift, Lawrence Henry Marcus, English Language and Literature II (ii) - - -	1951
Smith, Stuart Meldrum, English Lan- guage and Literature II - - - - -	1949	Forbes, Alexander James de Burgh, Political Science and History I - - -	1951
Wall, Barbara Deane, English Lan- guage and Literature I - - - - -	1949	Gilbertson, Nannette, English Language and Literature I - - - - -	1951
Wells, Elizabeth Anne, French Lan- guage and Literature I - - - - -	1949	Hetherington, Robert, Political Science and History II (i) - - - - -	1951
Adam, Elizabeth Anderson, Mathematics and Philosophy II (ii) - - - - -	1950	Nilsson, Neil Alfred, Philosophy II (i) -	1951
Ellis, Charlotte, Political Science and History II (ii) - - - - -	1950	Rendell, Margaret Patricia, Political Science and History I - - - - -	1951
Felgenhaur, Robert Frederick, B.A., English Language and Literature I -	1950	Ross, Nadeen Adoree, Political Science and History II (i) - - - - -	1951
Gilbert, Ronald Sunter, Economics II (i)	1950	Selth, Geoffrey Poole, French Language and Literature I - - - - -	1951
Hart, Mary Margaret, Political Science and History II (i) - - - - -	1950	Strahan, Anthony William, B.A., English Language and Literature II (i) - - -	1951
Haynes, James Dalrymple, Political Science and History II (ii) - - - - -	1950	Turner, Constance Mary, English Lan- guage and Literature II (i) - - - - -	1951
Paech, Bernice Mary, Political Science and History II (i) - - - - -	1950	Wills, Caroline Marie Agnew, English Language and Literature I - - - - -	1951

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

Vawser, Noel Keith, II - - - - -	1947	Boehm, Ernst Arthur, I - - - - -	1950
Bailey, Alan Paterson, II - - - - -	1948	Grant, John McBain, I - - - - -	1950
Hirst, Ronald Robert, B.Ec., I - - - - -	1948	Raftery, George Aldborough, II (i) - - -	1950
Stalley, Douglas John, B.Ec., II - - - - -	1948	Smith, Adrian Milton, I - - - - -	1950
Cameron, Roy James, B.Ec., I - - - - -	1949	O'Donoghue, Raymond Francis, III - - -	1951
Hieser, Ronald Oswald, I - - - - -	1949	Sturmey, Stanley George, I - - - - -	1951
Howard, Donald William Digby, II - - - - -	1949		

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

For previous Lists, see Calendars from 1918.

Human, James Peter Egerton, Chemistry I - - - - -	1946	Symons, Claire Phyllis, B.Sc., Botany II	1948
Bowes, Donald Ralph, B.Sc., Geology I	1947	Barnes, Charles Stalley, B.Sc., Chemis- try I - - - - -	1949
Butler, Stuart Thomas, B.Sc., Physics I	1947	Browning, Thomas Oakley, B.Sc. (Syd.), Zoology I - - - - -	1949
Clark, Helen Goldthorp, B.Sc., Zoology I - - - - -	1947	Canny, Nicholas Joseph, B.Sc., Physics II - - - - -	1949
Darling, Leslie Hayward, B.Sc., Chem- istry I - - - - -	1947	Crompton, Robert Woodhouse, B.Sc., Physics I - - - - -	1949
Jackman, Lloyd Miles, B.Sc., Chemistry I - - - - -	1947	Deland, Raymond John, B.Sc., Physics II - - - - -	1949
Keeves, John Philip, B.Sc., Physics I	1947	Elford, William Graham, B.Sc., Physics I - - - - -	1949
Martin, Maurice Leon, B.Sc., Chemistry I - - - - -	1947	Forrest, Waldie William, B.Sc., Chemis- try I - - - - -	1949
Perry, Rayden Alfred, Botany II - - - - -	1947	Frith, Ernest Everard, Zoology II - - -	1949
Raupach, Maxwell, B.Sc., Chemistry II	1947	Fry, Robert Mason, B.Sc., Physics II - -	1949
Sanders, John Veysey, B.Sc., Physics I	1947	Gum, Colin Stanley, Physics II - - -	1949
Smith, Jack Edwin, B.Sc., Physics I	1947	Hiscock, Ian David, B.Sc., Zoology I -	1949
Specht, Raymond Louis, B.Sc., Botany I	1947	Holloway, Bruce William, B.Sc., Botany I - - - - -	1949
Wall, Gordon Elliott, Mathematics I	1947	Kerr, David Ian Beviss, B.Sc., Physio- logy I - - - - -	1949
Bosher, Victor James Marcel, B.Sc. (Lond.), Physics I - - - - -	1948	Kidman, Barabara Phyllis, B.Sc., Physics I - - - - -	1949
Carter, Charles Robert, B.Sc., Chemistry I - - - - -	1948	Pearce, Ronald Sandison, B.Sc., Chemis- try II - - - - -	1949
Everard, Betty Ann, B.Sc., Chemistry II	1948	Rattigan, John Herbert, B.Sc., Geology I - - - - -	1949
Johns, Robert Keith, Geology I - - - - -	1948	Riedel, William Rex, B.Sc., Geology I -	1949
King, Donald, Geology II - - - - -	1948	Robertson, William Godfrey Pitcher, B.Sc., Chemistry I - - - - -	1949
Kruger, James Morris, Geology II - - - - -	1948	Sibly, Pamela Maslin, B.Sc., Botany I -	1949
Mattner, Margaret Emily, B.Sc., Botany II - - - - -	1948	Spurr, Robert Thomas, B.Sc., Physics II	1949
Nankivell, Joseph Frank, B.Sc., Physics I	1948	Sutton, David John, B.Sc., Physics I -	1949
Pettit, Rowland, B.Sc., Chemistry I - - -	1948	Trudinger, Philip Alan, B.Sc., Biochem- istry I - - - - -	1949
Potts, Renfrey Burnard, B.Sc., Mathe- matics I - - - - -	1948	Wegener, Clemens Frederick, Geology II - - - - -	1949
Pridham, Lancelot Robert, B.Sc., Chem- istry I - - - - -	1948		
Robinson, Mary Kelly, B.Sc., Botany II	1948		
Rook, Kevin Maxwell, B.Sc., Chemistry II - - - - -	1948		
Sangster, David Flower, B.Sc., Chem- istry I - - - - -	1948		

West, Bruce Oswald, B.Sc., Chemistry I	1949	Chartres, Bruce Aylwin, Physics IIA	1951
Andrews, Murray William, Physics I	1950	Chittleborough, Robert Graham, Zoology I	1951
Appleby, Cyril Angus, Biochemistry IIA	1950	Davies, Rodney Deane, Physics IIB	1951
Coaldrake, John Edward, Botany I	1950	Ellis, Brian David, Physics IIB	1951
Colville, John Stuart, Physics IIA	1950	Hopkins, Brian McDonald, Economic Geology IIB	1951
Darragh, Peter John, Geology IIB	1950	Howard, Rex Trowbridge, Chemistry IIA	1951
Dolling, Eleanor Ngaire, Geology I	1950	Jeffery, Margaret Wyn, Botany IIA	1951
Hine, Denise Charlotte, Biochemistry I	1950	Johnson, Keith Douglas, Physiology IIA	1951
Hocking, Colin Stanley, Chemistry I	1950	Lewis, Graham Ethelbert, Chemistry I	1951
Hone, Michael Raymond, Anatomy IIB	1950	Lewis, Sylvia Hilda, Zoology IIA	1951
Howard, Peter Felix, Geology I	1950	Liddy, Desmond Terence, Physics I	1951
Lewis, David Gray, Chemistry IIB	1950	Meaney, Maxwell Francis, Chemistry IIB	1951
Lynn, Kenneth Roy, Chemistry I	1950	Medlin, Edwin Harry, Physics I	1951
McKay, Maureen Gordon, Chemistry IIA	1950	Michael, James Henry, Mathematics I	1951
May, Lancelot Harris, Botany I	1950	Morris, Kerwin William, Mathematics IIA	1951
Miles, Perry Ambrose, Physics IIA	1950	Parker, Murray Harold, Physics IIB	1951
Murme, Ivan Albert, Geology IIA	1950	Seidler, Jan Hynek, Chemistry I	1951
Nicholls, Colin Herbert, Chemistry I	1950	Skinner, Brian John, Economic Geology I	1951
Parkinson, Kevin John, Geology IIA	1950	Tester, Donald Kenneth, Economic Geology IIB	1951
Radoslovich, Edward William, Physics I	1950	Thomson, Bruce James, Chemistry IIA	1951
Shannon, James Stanley, Chemistry I	1950	Urwin, Jack Robson, Chemistry I	1951
Spry, Alan Herbert, Geology I	1950	Weiss, Alan Austin, Physics I	1951
Stevenson, Donald George, Physics I	1950	Wellby, Maurice Lindsay, Biochemistry IIB	1951
Thomas, John Angus, Physics I	1950	Wilton, John Barrett, Chemistry I	1951
Wilson, Robert Bruce, Geology I	1950	Worthington, Charles Roy, Physics IIA	1951
Wincey, Cynthia Weaver, Biochemistry IIA	1950	Ziesing, George Murray, Physics I	1951
Wymond, Alonzo Pearse, Geology IIA	1950		
Beecham, Anthony Frank, Chemistry I	1951		
Brasch, Leonard William, Chemistry IIA	1951		

## HONOURS DEGREE OF BACHELOR OF ENGINEERING

Tuck, Gilbert Playford, Mechanical I	1948	Crisp, John Douglas Correll, Civil I	1950
Battye, Gavin Ross, Civil I	1949	Stapledon, Roger Johnson, B.E., Mechanical I	1950
Cowley, George Russell, Electrical I	1949	Taylor, Colin Stephen, B.E., Electrical II	1950
Crompton, James Woodhouse, Electrical I	1949	Brooks, Brian John, Mechanical I	1951
Kaneff, Stephen Dimov, Electrical I	1949	Kleeman, Peter Wallace, Civil I	1951
Nitschke, John Edwin, Civil I	1949	Poole, Richard John, Electrical I	1951
Allen, Murray William, Electrical I	1950		
Bray, Andrew Mackie, Mechanical I	1950		

## HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

Carter, Edward Diment, B.Ag.Sc. I	1950	Tiver, Newton Stanley, B.Ag.Sc. I	1942
Humphris, Francis Ross, B.Ag.Sc. II	1946	Kleinig, Cyril Raymond, B.Ag.Sc. I	1951
Kemp, Henry Kenneth, B.Ag.Sc. I	1935	Symon, David Eric, B.Ag.Sc. I	1951
Mayo, George Melrose Elton, B.Ag.Sc. I	1950		

## 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	Clarke, Laurence Eric	1920
Abbott, Herbert Lewis	1933	Cleland, Peter Fullerton	1939
Adcock, John Bartlett	1931	Cleland, Thomas Erskine	1919
Alderman, Henry Graham	1917	Cocks, Arthur Wellesley	1936
Alderman, John Robinson	1950	Collins, Dean Francis	1947
Andrews, Walter Frederick	1888	Collison, Frank Lloyd	1926
Ashton, Edward James Wilberforce	1896	Colquhoun, Colin Roy	1928
Ashton, Thomas Edward	1941	Coventry, Charles James	1911
Astley, Michael John	1950	Cresswell, George Edwin	1929
Atkinson, Alfred Harris Owst	1900	Cutlack, Peter Robert	1926
Badger, Magnus	1918	Daly, Kevin Joseph	1943
Bakewell, William Kenneth	1908	Davenport, Arthur Vernon	1916
Beerworth, William Carl	1932	Davey, John Ryan	1938
Bennett, Henry Trevor	1949	Davey, Robert Shannon	1915
Berry, George Augustus	1887	Davies, Cecil Ernest	1928
Boucaut, Douglas le Rey	1927	Davis, Raymond William	1934
Boucaut, George Hiles	1906	Davison, John Hubert Hawdon	1908
Boucaut, Ian Penn	1930	Davoren, Michael Dominic	1940
Bright, William Stuart	1904	Davoren, Thomas Anthony Francis	1937
Buttrose, Murray	1927	Dawe, Reginald Stanley	1936
Carne, Alfred George	1931	Denny, William Joseph	1908
Check, Reginald Heithersay	1921	Dow, Ian Baird	1949
Claridge, Philip James	1947	Driffield, George Carus	1889
Clark, John Osborne	1935	Durston, Sidney Bridle	1889

Edmunds, Keith Stacey	1937	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
Genders, Alexander Forbes	1949	Michell, John Elsome	1923
Gelston, Hedley Ringrose	1914	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	Odlum, Reginald Lance	1937
Gun, Lloyd Townsend	1949	O'Grady, Francis Ignatius	1939
Gwynne, Ilted 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	Sanderson, Kenneth Francis Villiers	1918
Homburg, Robert	1897	Shepherd, Joseph Scoresby	1899
Humby, Rexton James	1943	Smith, Frank Seymour	1914
Hunt, William Robert	1919	Smith, Francis Villeneuve	1906
Hutchison, Charles Vernon Stuart	1937	Smith, Paul Teesdale	1920
Innis, Kenneth Norman	1925	Solomon, Helen Ethel	1933
Jacobs, Samuel Joshua	1946	Solomons, Phillip Roland Nathan	1939
James, Alfred Charles	1899	Sparrow, Cyril Keith	1921
Jessup, George Aubrey	1933	Stockdale, William John	1889
Johnson, James Howard	1900	Stokes, Robert Francis	1938
Johnston, Laurence Frederick John	1931	Sutherland, Allan James Lavis	1919
Jordan, David Wallace	1949	Swan, William Alfred	1948
Joyner, Frederick Allen	1885	Sweeney, John Grant	1915
Kearney, Beasley James William	1925	Sykes, Howard de Pledge	1936
Keats, Frederick Phillips	1909	Tapley, Willis Wayte	1909
Kennedy, Donald Angus	1904	Treloar, James Leonard Sydney	1923
Kerin, William Francis	1944	Tucker, Reginald Mervyn	1915
Kinnane, Alexander John	1935	Vandenbergh, William John	1896
Kirkman, Kenneth Hainsworth	1918	Von Bertouch, Leopold	1920
Lake, Clement William Hingston	1907	Von Doussa, Stanley Bowman	1901
Leslie, John	1922	Von Doussa, William Louis	1924
Lewis, Stanley Heathcote	1927	Wald, Irvine Dale	1923
Little, Egbert Percy Graham	1898	Wallace, Norman Verschuer	1920
McCann, William Francis James	1925	Ward, Henry Torrens	1900
McCarthy, James Crimeen Ellery	1925	Warren, Sydney John	1911
McEntee, Kevin Vincent	1931	Weaver, Alfred Charles	1903
McEwin, George	1897	Webb, Beecher Noel	1930
McGee, Edward Patrick	1933	Whimpress, Thomas Abraham	1934
McGee, John	1916	Williams, Dudley Charles Call	1946
Mackay, Alan Justin	1936	Williamson, James Aubrey	1925
Mackenzie, Charles Norman	1909	Winnall, John Edward Hyde	1893
McLachlan, Alexander John	1894	Worth, Frank Lindsey	1932
McLachlan, Ian	1932	Wright, Charles Joseph Harvey	1888
McLeay, Marshall John	1927	Wright, Sydney Charles Grenville	1923
Magarey, Ashley Henderson	1932	Yelland, Dene Sturt	1930
Marshall, John	1951	Young, Martin	1933
		Zeising, George Ignatius	1919

## ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	1925	Holder, Alison Joyce	1938
Adamson, Myrtle Gwendoline	1918	Holman, Frank Reginald	1919
Alexander, Mary Vera	1917	Holmes, Patricia Langley	1948
Allgrove, Beatrice Jane	1951	Hooker, George	1945
Anderson, Jean	1936	Horgan, Lillian Veronica	1936
Andrew, Una Lois	1915	Hounsell, Marjorie Nora	1938
Ashton, Kathleen Anne	1935	Howard, Winnifred Jean	1917
Attiwell, Edna Marie	1918	Hum, Mavis Lacey	1926
Badenoch, Constance Mary	1921	Hyde, Miriam Beatrice	1928
Bampton, Alfred John	1915	Ingham, Myrtle Lavinia	1916
Barbour, Dorothy Jean	1928	Jacobs, Doreen Miriam	1938
Barnden, Vina Melba	1933	James, Doris	1912
Barry, Margaret Mary	1927	James, Vida Margretta	1917
Basedow, Ivy Marie	1912	Jones, Lewis La Vence	1919
Bates, Edgar Clarence	1929	Joyce, Kate	1904
Baulderstone, Clarice Moore	1923	Keen, Lillian Guard	1920
Black, Edward William	1923	Kemp, Francis Joseph Edmund	1928
Booth, Jean Marie	1941	Kemp, Marion Kirkwood	1903
Bowen, Gordon Melville	1935	Kinmont, Rosamond	1924
Brindal, Ellen Grace	1922	Klose, Patricia Mary	1950
Brooks, Doreen Mavis	1940	Kneebone, Joan Adelaide	1938
Brooks, Merle Olive	1942	Kollosche, Samuel	1910
Brown, Kathleen Mary	1917	Lee, Marjorie Freda	1926
Bruggeman, Martha Dorothy	1904	Litchfield, Jean Rainsbury	1926
Burnard, David Alexander	1925	McGrath, Constance Cecily	1926
Byrne, Mary Teresa	1927	McGregor, Dorothy Mary	1930
Cadd, Hartley Blair Hogarth	1951	McKinnon, Clara Elizabeth	1942
Carmichael, Doris Darby	1923	McLaughlin, Eric Enstone	1926
Catt, Shirley Pearson Clifford	1938	Mallon, Alice Mary	1923
Chappel, Phyllis Harvey	1924	Manning, Hilda Mahala	1902
Cheek, Alan Carosso	1929	Marker, Lois Beatrice	1951
Cheek, Muriel Elizabeth	1900	Marrett, Hannah Olive	1926
Cilento, Gladys Muriel West	1913	Martín, Thelma Dorothy	1917
Cockburn, Julia Evelyn	1930	Matters, Arnold Hatherleigh	1926
Collins, Ella Mary	1916	Mayfield, Vera Selina Gwendoline	1927
Collins, Yensie Margaret	1937	Meegan, Alice	1922
Commane, Teresa Audrey	1938	Meegan, Kathleen Mary	1917
Coonan, Rita Norlean	1919	Mewkill, Paula Mary	1915
Coumbe, Hurtle Harold	1912	Mills, Gene Louise	1950
Counter, Beryl Cole	1924	Morley, Evelyn Mabel	1925
Cozens, Vida Victoria	1928	Morton, Mary Ruth	1931
Crampton, Daisy Myrtle	1945	Narroway, Peter Kingsford	1951
Cresswell, Muriel Blanche Lillecrapp	1925	Naylor, Ruth Winnifred	1924
Cronin, Alice Elsie	1937	Norman, Jean Margaret	1928
Daenke, Dorothy Lucy	1929	Oldham, Dorothy	1914
Davy, Rubia Claudia Emily	1903	Paddon, Una Margery	1920
d'Arcy-Irvine, Alice Bond	1913	Palmer, Ethel Rose	1918
Day, Florence Muriel	1919	Parkinson, Charlotte Ethel Violet	1901
Dick, Pauline May	1950	Paley, Clifford Arnold, B.A.	1941
Dix, Jessica Laura	1928	Pascoe, Philippa Mary	1947
Edwards, Herbert Percival	1922	Pearson, Kathleen Crawford	1923
Ekers, Theodora Allman	1930	Penalurick, Lola	1921
Evans, Bert	1913	Penrose, Alva Ivo	1924
Ey, Kathleen Elsie	1938	Perkins, Horace James	1926
Finch, Laura Evelyn	1932	Perkins, Marie Pauline	1948
Fisher, Helena Catherine	1924	Perry, Margaret Fay	1950
Flaherty, Annie Josephine	1907	Phipps, Charlotte Lucy Barkwell	1905
Foale, Harold Robert	1925	Prince, Jean Florence	1921
Francis, Bessie	1925	Prince, Muriel Marjory	1923
Francis, Violet Leone	1929	Puddy, Betty Froome	1931
Freeman, Ivy Gwendolen McLeod	1931	Puddy, Maude Mary	1900
Gard, Harold John	1918	Pyne, Tryphena Grace	1918
Gehling, Ronda Beryl	1940	Reimann, Hilda Marie	1912
Geyer, Clem August	1922	Reimann, Leta Edith	1932
Giles, Allan Leonard	1949	Renou, Jean Lois	1923
Gill, Hilda Beatrice	1916	Riedel, Melita Wanda	1918
Gillespie, Jean Katherin	1937	Roach, Mary Moyle	1910
Glatz, Laurina Ruby	1929	Roberts, Winifred Sophie	1911
Gmeiner, Clarice Haidee Beatrice	1924	Robinson, Mary Patricia	1935
Goss, Lucy Vera	1909	Rofe, Joyce Newton	1933
Goyder, Patricia	1937	Rowe, Elsie Maud	1919
Gray, Lorna Dorothy	1950	Rowe, Florence Nellie	1914
Griffiths, George Townsend	1914	Rudemann, Elsa Wilhelmine	1903
Groth, Fred	1929	Sansom, Joyce Mary	1940
Grosser, Eileen May	1924	Sara, Lily Emmaline	1916
Hakendorf, Carmel Mary	1947	Sayers, Alice Mabel	1901
Haese, Beth Theodora	1940	Scammell, Ethelwyn	1910
Hales, Malcolm Roy	1948	Searle, Hartley Malcolm, B.A., B.Sc.	1939
Hancock, Mary Frewin	1928	Shapley, Dorothy Alice	1939
Hantke, Ethel Hilda Hedwig	1902	Shephard, Beatrice Joan	1935
Harvey, Faith Fairbank	1943	Short, John Thomas Gordon	1907
Henry, Gladys Amy Thelma	1926	Simcock, Hilda May	1917
Hine, Clytie May	1908	Sinclair, Jean Lily	1924
Hoche, Edith	1908	Smith, Imelda Catherine	1930
Hogon, Eileen Margaret	1917		

Smith, Margaret Joan - - - - -	1950	Verco, Gladys Kathleen - - - - -	1928
Solomon, Betty - - - - -	1930	Vick, Lloyd Winston - - - - -	1937
Spehr, Francesca - - - - -	1901	Virgo, Jean Ysobell - - - - -	1934
Spriggs, Harriet Rosetta - - - - -	1919	Virgo, Violet Myra - - - - -	1919
Stoneman, Doreen - - - - -	1921	Wall, Myrtle Tribby - - - - -	1917
Stoneman, Olivia Charlotte - - - - -	1930	Wallmann, Beatrice May - - - - -	1909
Summers, Phyllis Harvey - - - - -	1930	Walsh, Lillian May - - - - -	1926
Swincer, Patty - - - - -	1948	Watts, Mollie Louisa - - - - -	1930
Taylor, Gladys Leslie - - - - -	1908	Webb, Irene Margaret Thomson - - - - -	1926
Taylor, Jean Rosabelle - - - - -	1926	Whillas, Helen May - - - - -	1901
Thomas, Sylvia Caroline Curtis - - - - -	1921	Whittington, Clytie Myrtle - - - - -	1917
Thrush, Annie Vera - - - - -	1915	Whittington, Sylvia Muriel - - - - -	1911
Tidemann, Ernest Phillips - - - - -	1927	Wibberley, Brian - - - - -	1908
Tonkin, Phyllis Anna - - - - -	1923	Wiebusch, Adele Maria Dorothea - - - - -	1924
Tosolini, Palmira Rose - - - - -	1951	Williams, Hartley - - - - -	1929
Trenerry, Thora - - - - -	1944	Williams, John Alexander - - - - -	1925
Tuck, Joyce Edith - - - - -	1940	Williams, Mervyn Ewart Lancelot - - - - -	1924
Tuck, Vivien Margaret - - - - -	1941	Williamson, Arthur Burton - - - - -	1908
Tunks, Flora Marion - - - - -	1931	Wollaston, Margaret Thirlmere - - - - -	1941
Vardon, Daisy - - - - -	1914	Wordie, Ada Winifred - - - - -	1918
Verco, Alison Martha - - - - -	1950	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	Belcher, Milton Judson - - - - -	1928
Abbott, Norman Frank - - - - -	1930	Belfer, Jacob - - - - -	1944
Adams, Harry - - - - -	1931	Bennie, John Smith - - - - -	1938
Adams, Helen Jean - - - - -	1929	Berck, Lionel Neil - - - - -	1945
Adams, John Clifford - - - - -	1949	Berriman, Alfred Andrew - - - - -	1923
Adamson, Alfred Victor - - - - -	1926	Berry, Leslie Robjohns - - - - -	1937
Adamson, Harold Stanley - - - - -	1921	Besley, Lillian Ray - - - - -	1935
Addicoat, Bryan John - - - - -	1947	Bice, Norman Percival - - - - -	1950
Ahrens, Frank Leo - - - - -	1945	Biddle, John Parr Harding - - - - -	1925
Aitchison, Donald Leslie Judson - - - - -	1939	Biggs, James Marshall - - - - -	1925
Alderman, John Robinson - - - - -	1937	Blackwell, Hazel Annie - - - - -	1931
Alldritt, Donald Thomas - - - - -	1951	Blair, James Beaton - - - - -	1925
Allen, Jack - - - - -	1937	Blair, Ruth Margaret - - - - -	1940
Allingame, George William Davis - - - - -	1935	Blanch, Clement Edward - - - - -	1949
Andersen, Clifford Werlin - - - - -	1927	Bloomfield, Jack Lee - - - - -	1939
Anderson, John Donald - - - - -	1948	Boehm, Ernst Arthur - - - - -	1945
Anderson, Reginald Hamp - - - - -	1910	Born, Frank Ford Harker - - - - -	1928
Angel, Norman Sidney - - - - -	1930	Bowden, Harry Frederick - - - - -	1934
Angel, Ronald Frank - - - - -	1930	Bowen, Arthur Geoffrey - - - - -	1933
Annels, Herbert Edward - - - - -	1908	Bower, Richard David - - - - -	1940
Annels, Robert Harvey - - - - -	1939	Bowes, Lindsay Burton - - - - -	1947
Arnold, Raymond Borman - - - - -	1949	Bowness, Alexander - - - - -	1928
Arthur, Maude Jessie - - - - -	1934	Braddock, Dudley Warwick - - - - -	1938
Ashby, William Maxwell - - - - -	1943	Braddock, Lyall Arthur - - - - -	1931
Ashton, Alec James - - - - -	1935	Brady, Thomas Francis - - - - -	1921
Atkinson, Verdon Robert - - - - -	1936	Bramwell, Horace Gordon - - - - -	1932
Ayers, Margaret Jean - - - - -	1937	Brandwood, Marie Earlston - - - - -	1944
Bailey, Arthur Norris - - - - -	1924	Branson, Colin William - - - - -	1949
Bailey, Vanda Dorothy - - - - -	1928	Branson, Kenneth George - - - - -	1947
Balchin, Irene May - - - - -	1924	Braunthal, Norman Frank - - - - -	1928
Balchin, Leonard Jack - - - - -	1935	Bray, Alan Claude - - - - -	1926
Baldock, Gordon Herbert - - - - -	1948	Bray, Bruce - - - - -	1940
Bammann, Cuthbert Harvey - - - - -	1938	Bray, Clifford Samuel - - - - -	1908
Bampton, John - - - - -	1927	Brazel, Thomas John - - - - -	1926
Barclay, William John - - - - -	1950	Brewer, John Burton - - - - -	1947
Barlow, Cecil William - - - - -	1939	Brice, Alan Herbert - - - - -	1938
Barlow, Leslie Harris - - - - -	1928	Brice, Malcolm Hubert - - - - -	1949
Barnes, Ronald David - - - - -	1948	Bridgland, Lionel Cedric - - - - -	1932
Barrett, Jean Miriam - - - - -	1930	Briskham, Alexander George Herbert - - - - -	1927
Barter, Francis Charles - - - - -	1928	Brock, Noel Howard - - - - -	1922
Barter, Jack Lampier - - - - -	1930	Brooks, Sidney Rundle - - - - -	1933
Barton, Jessie Charlotte - - - - -	1929	Brown, Leonard Sawtell - - - - -	1926
Basedow, Bernhard Frederick - - - - -	1948	Brown, Thomas Roderick - - - - -	1923
Bathgate, John Pender - - - - -	1916	Browne, Clifford Harding - - - - -	1923
Batt, Henry Richard Devon - - - - -	1935	Buckett, Claude Ernest - - - - -	1940
Battye, George Harry - - - - -	1924	Buckley, William Clarence - - - - -	1929
Battye, Ross - - - - -	1920	Bulbeck, Philip Denis - - - - -	1929
Baulderstone, Donald - - - - -	1935	Burgess, Ellis Howard - - - - -	1939
Baxter, Donald Bruce - - - - -	1950	Buring, Eleanor Bette - - - - -	1937
Bayly, Edward Benjamin - - - - -	1910	Burley, Arnold Robert - - - - -	1939
Bayly, Ernest Edward - - - - -	1924	Burns, George Eric - - - - -	1927
Bayly, George Lancelot - - - - -	1929	Burr, Frederick Samuel - - - - -	1923
Bayly, Jack Harold Fellowes - - - - -	1931	Butler, Tom - - - - -	1939
Bayly, William Lawes - - - - -	1918	Calder, William Cormack - - - - -	1913
Beaney, Henry Finlay - - - - -	1928	Caldwell, Hilda Valmai - - - - -	1928
Beauchamp, Shirley Frances - - - - -	1949		

Callaway, William Frank	- - - -	1931	Edwards, Edgar Morton	- - - -	1941
Cameron, Elizabeth Mary	- - - -	1938	Edwards, Ernest Albert	- - - -	1937
Cameron, Roy James	- - - -	1945	Edwards, Stanley Herbert	- - - -	1941
Campbell, Harold Duncan	- - - -	1925	Effick, Henry Birrell	- - - -	1924
Cane, Jack	- - - -	1938	Elliott, Melva Gwendolene Vivian	- - - -	1931
Cant, Leonard George	- - - -	1917	Ellis, Fred Leon	- - - -	1939
Cant, Rex Birdsey	- - - -	1931	Ellis, Kevin Clifford Keith	- - - -	1934
Carey, Gerald David	- - - -	1951	Emery, Garth Charles	- - - -	1941
Carter, David Burleigh	- - - -	1950	Errington, Edna Jean	- - - -	1931
Caust, Leslie George William	- - - -	1921	Evans, Horace Clement	- - - -	1938
Cavender, Frederick Richard	- - - -	1940	Evans, Ronald Dennis	- - - -	1949
Chambers, John Harold	- - - -	1926	Evens, Leonard Thomas	- - - -	1930
Chappie, Keith Fletcher	- - - -	1934	Ewers, William David, B.A.	- - - -	1943
Charles, Armande Joffre	- - - -	1937	Fahey, George Ambrose	- - - -	1923
Charlick, Derek Herbert	- - - -	1939	Farquhar, Donald Reginald	- - - -	1929
Chester, Glen Drummond	- - - -	1938	Farrell, Edward William	- - - -	1949
Chettle, Walter Richard	- - - -	1927	Faulk, Kevin Barton Woodfield	- - - -	1950
Chinner, Alan George	- - - -	1922	Favilla, Domenico Raffaello	- - - -	1939
Christison, Margaret Jean	- - - -	1940	Fewell, Stanley William	- - - -	1934
Clark, Phyllis Mary	- - - -	1939	Filsell, Geoffrey Holbrook	- - - -	1942
Clarke, Geoffrey Thomas	- - - -	1923	Firth, Jack Leader	- - - -	1937
Cobiac, Gerald Patrick	- - - -	1949	Fisher, David le Sauvage	- - - -	1948
Cole, Geoffrey Leonard	- - - -	1950	Fisher, Harold Henry	- - - -	1932
Collison, Keith Tidmarsh	- - - -	1941	Fitzgerald, Teresa Catherine	- - - -	1931
Colliver, Eustace James	- - - -	1928	Fleming, Ralph Harry	- - - -	1939
Combe, Bernard Milo	- - - -	1948	Fleming, Robert Colin	- - - -	1933
Compton, Joyce Oliver	- - - -	1945	Flew, John William	- - - -	1950
Connelly, Joseph Kevin	- - - -	1938	Fogarty, Stanley Patrick Joseph	- - - -	1950
Connelly, William Francis	- - - -	1947	Forbes, Wilfred Roy	- - - -	1934
Coombe, Albert	- - - -	1937	Forrest, Peter Cameron	- - - -	1949
Cooper, Ashley Anthony Richard	- - - -	1927	Foster, Lily Dorothy	- - - -	1935
Cotton, Robert Harold	- - - -	1908	Foxworthy, John Henry	- - - -	1923
Cottrell, Francis Allan	- - - -	1937	Francis, Ainslie DeLacy	- - - -	1921
Cottrell, John Ledsam	- - - -	1920	Francis, Stanley Charles	- - - -	1924
Coulthard, Clyde Renald	- - - -	1937	Frayne, Jack Edmonston	- - - -	1935
Coward, Ivan Fernley	- - - -	1930	Fricker, Lourdes Victoria	- - - -	1948
Coward, Robert Malcolm	- - - -	1930	Fritsch, Viola Phoebe	- - - -	1951
Cowell, Davis Francis	- - - -	1939	Frost, Ernest Martin	- - - -	1949
Cox, Charles Wyldie	- - - -	1932	Fry, Arthur Henry Percival	- - - -	1910
Cox, Cyril Hewitt	- - - -	1928	Furze, Noel Edgar	- - - -	1927
Craig, Ida Vera	- - - -	1924	Gale, Frederick Julius	- - - -	1910
Crane, Greta Ruby	- - - -	1927	Garrett, Eric Mostyn	- - - -	1934
Creswell, John	- - - -	1919	Garood, Philip Jesse	- - - -	1938
Crump, Hedley Lawrence	- - - -	1949	Gemmell, Alex Stewart	- - - -	1936
Gurtis, Lawrence Gordon	- - - -	1949	Gibb, Ernest Ullathorne	- - - -	1939
Daley, Vyvyan Lancelot	- - - -	1928	Gibson, Eric Ambrose	- - - -	1925
Dalton, Victor Ernest	- - - -	1923	Giddings, Ian Valentine	- - - -	1951
Daniel, Claude Alfred Vaughan	- - - -	1921	Giles, Kenneth Livingstone	- - - -	1924
Daulby, Herbert Stanley	- - - -	1936	Giles, Stephen Alan Butler	- - - -	1927
Davey, Richard Howard	- - - -	1950	Gill, Thomas Fergusson	- - - -	1935
Davidson, Cuthbert Hewett	- - - -	1924	Ginman, David Charles	- - - -	1947
Davis, Agnes Mary	- - - -	1936	Glastonbury, Oliver Albert Isaac	- - - -	1929
Davis, Brian	- - - -	1951	Gluyas, Neil James	- - - -	1937
Davis, Bruce Frederick	- - - -	1938	Golovsky, Israel	- - - -	1921
Davis, James Lenton	- - - -	1933	Gordon, Colin Herbert	- - - -	1941
Davis, Noel Hewitson	- - - -	1933	Gordon, Douglas Maitland	- - - -	1938
Davis, Rosalie Olive	- - - -	1923	Gosden, Robert Byron	- - - -	1949
Dawbarn, Richard Bunbury	- - - -	1930	Gramp, Sidney Douglas	- - - -	1941
Dawkins, Harry Blinman	- - - -	1939	Grant, Kenneth Jack	- - - -	1929
Dawson, David Lancelot	- - - -	1926	Gray, Gilbert William	- - - -	1923
Day, Colin Maxwell	- - - -	1936	Green, Lawrence Goodwin	- - - -	1928
Day, Frank Vernon	- - - -	1935	Greenham, Alfred Howard	- - - -	1923
Deane, Allan Nicholson	- - - -	1939	Greig, William Ronald	- - - -	1929
Denton, Samuel Bowcher	- - - -	1928	Haddad, Victor	- - - -	1938
Dermott, Alice May	- - - -	1932	Hamilton, Frank Douglas	- - - -	1940
Dermott, John Edwin	- - - -	1921	Hammann, Arthur Edwin	- - - -	1927
Dewar, Peter Ferguson	- - - -	1951	Hand, Allan	- - - -	1934
Dobson, Alfred James	- - - -	1909	Hand, Milton John	- - - -	1948
Dodd, Robert Hedley, B.A.	- - - -	1947	Hanley, Alice	- - - -	1939
Donaldson, John Monfries	- - - -	1941	Hann, Maxwell Keith	- - - -	1938
Donnell, Leslie John	- - - -	1939	Hannan, Edward Graham	- - - -	1947
Dowie, Jean Phyllis	- - - -	1935	Harlow, James Keith	- - - -	1941
Dowling, Crosby James	- - - -	1951	Harnett, William Edwin	- - - -	1948
Downs, Claude Edmund	- - - -	1932	Harper, Ronald George	- - - -	1935
Downs, Donald Archibald	- - - -	1938	Harris, Frank Randall	- - - -	1949
Drabsch, Leo John	- - - -	1948	Harris, Norman Alexander	- - - -	1934
Duffield, Gordon Llewellyn	- - - -	1936	Harris, Robert Oxenberry	- - - -	1951
Duldig, Milton Edwin	- - - -	1939	Harris, Ronald Firth	- - - -	1939
Dunn, Raymond Keith	- - - -	1950	Harris, Russell Hope	- - - -	1912
Dynon, William Ralph	- - - -	1951	Harrison, William Frank	- - - -	1908
Easson, Leonard John	- - - -	1932	Haslam, Alan Francis	- - - -	1935
Eddy, John Edwin	- - - -	1934	Hastwell, Robert Duncan	- - - -	1950
Edson, Eileen Mavis	- - - -	1930	Hawkins, Alfred Raymond	- - - -	1947
Edwards, Alfred John	- - - -	1933	Haydon, Colin Maurice	- - - -	1951
Edwards, Colin Arthur	- - - -	1930	Hearfield, Walter George	- - - -	1930
			Healy, Francis Robert	- - - -	1937



Heinemann, John Bryce	1948	Longmire, Frank Albert	1940
Heitmann, Colin Richard	1950	Lorimer, Robert William	1922
Hendry, Campbell Alexander	1914	Loughrey, Arthur Bernard	1941
Hiatt, Jack Thomas	1935	Love, Ronald Edward Beaumont	1934
Hieser, Ronald Oswald	1943	Lowe, Kenneth Maurice	1939
Higgins, Harry Coote	1920	Luxmore, John Alexander	1931
Hill, Patricia Pender	1949	Lyon, Colin Grant	1929
Hill, William Charles	1933	Lyon, James Cobbett	1925
Hill, William Ross	1941	McAnaney, William Patrick	1931
Hilton, Kingsley Winlo	1930	McAulay, John Albert Galster	1922
Hirst, Ronald Robert	1935	McAuliffe, Lionel Frank	1934
Hoad, Sidney Arnold	1943	McCarron, Philip Bernard Alphonsus	1925
Hogben, Alfred Richard	1909	McCarthy, John Anthony	1930
Hogben, Horace Cox	1915	McDonald, Dorothy Patricia	1935
Holt, William George	1924	McEgan, Ernest William	1923
Holten, Dora May	1924	McFarlane, Maude Evans	1928
Homes, Alma Ivy Penelope	1927	McGarry, Donald Martin	1936
Hooper, Mervyn Perry	1926	McKee, Geoffrey Nolan	1935
Hooper, Ronald Ley	1937	McKee, George Angus	1927
Horrocks, Charles Edgeworth	1925	McKee, William Albert Kenneth	1928
Howard, Cornelius James	1949	McKenzie, Allan John	1933
Howard, Leonard Marie	1949	McLean, Allan William	1921
Howard, Paul Francis	1949	McShane, Reginald Edward	1951
Howie, Douglas Cullen	1937	Mack, Arthur William	1925
Howie, George Percival	1916	Macklin, Bruce Roy	1939
Howland, Arthur Stilville	1934	Mahoney, John Joseph	1927
Hunwick, Ernest Frederick William	1924	Malcolm, Kathleen	1933
Hunwick, Leonard William, LL.B.	1939	Marchant, Vernon Harold	1929
Isaachsen, Eric Eduard	1936	Marrett, Lorna Liggett	1922
Isaachsen, Oscar Cedric, LL.B.	1937	Marsden, Bruce Cecil	1951
Jackson, Harold Ernest	1939	Marshall, Alma Kathleen	1921
Jackson, Leslie Colin	1941	Martin, Colin Walter	1925
James, Charles Kingsley	1918	Martin, Eric Joan	1923
Jamieson, Neil Livermore	1927	Masters, Reginald Keith	1938
Jaunay, Donald Robert	1949	Mathews, Hugh Charles	1951
Jeffery, Charles Frederick	1938	Mathews, Reginald William	1928
Jeffery, George Henry	1933	Mathews, Leonard George	1934
Jeffery, Roy Gordon	1940	Maunder, Leonard Edward James	1926
Jeffress, Leslie Charles	1928	Meaney, Thomas Francis	1948
Jenkinson, Keith Travers	1938	Mehrtens, Bronte	1950
Jenner, Arnold Miller	1929	Mengerson, Norman Victor	1919
Jessup, George Aubrey	1927	Menkins, Frank Hermann	1908
Johnson, Douglas Oswald	1949	Merchant, Eric George	1948
Johnson, George Ronald	1939	Messent, Albert Edward	1908
Johnson, Harry Witter	1932	Messent, Frank Ashby	1927
Johnston, Noel Stuart	1950	Middleton, Clement Roy	1951
Johnston, Verner	1949	Miller, Gavin Robert	1918
Jones, Elizabeth May	1926	Miller, Lyle Clark	1947
Jones, Joyce Gertrude	1944	Mills, Edward Whitfield	1915
Joyce, Alan Francis	1941	Mills, Robert Neil	1951
Judd, Percival Richard Henry	1926	Minson, Charles Stanley	1930
Kelly, Brian Patrick	1949	Mitchell, Bruce	1919
Kelly, Hartleigh	1933	Mitchell, John Turnbull	1938
Kelly, Isobelle	1927	Mitchell, Lurline Vaughan	1933
Kelsey, Jack	1932	Mitchell, Shirley Eileen	1944
Kenihan, John Dudley	1933	Mobsby, Edward Tompson	1940
Kennedy, Mervyn George	1932	Moncrieff, Joan Lorimer	1925
Kesting, Ernest Arthur	1930	Moore, Walter Harry	1935
Kilgarriff, Aloysius Kevin	1951	Moore, Warwick Grey	1935
King, John Bugler	1937	Morcom, Kenneth Douglas	1940
King, Norman Reginald	1949	Mortess, Eric James	1925
Kinnish, Florence Maud	1920	Mould, Francis Edmund	1927
Kirkman, David	1908	Mount, Michael Jaunay	1951
Knight, Bernard Murray	1938	Moyes, Cecil Clarence	1918
Knox, Rex	1949	Moyes, Charles Robert	1913
Koch, Othel Ludwig	1937	Moyle, John Ewart	1917
Kumnick, Donald Kerr	1933	Muecke, Carl Wilhelm Ludwig	1908
Lahiff, Arthur Stanley	1951	Mullen, Brian Anthony	1930
Lambert, Anthony Wilson	1945	Mullin, Mary Margaret	1925
Lang, James Thomas	1937	Mullins, Francis Patrick	1926
Langcake, William Charles	1940	Munro, Elizabeth Margaret	1930
Langsford, Leonard Graham	1948	Murray, Donald	1930
Lapthorne, Cecil Lindsay John	1948	Murray, Ronald George	1936
Laughton, Robert Bruce	1942	Mutton, Henry Edwin Howard, M.A.	1926
Laver, Robert William	1940	Nairn, Donald Maxwell	1936
Lenton, Leslie	1916	Naulty, Reginald	1937
Letcher, William John	1934	Nave, John Lionel	1929
Lever, Cecil Harry	1939	Needham, George Francis Jack	1911
Levett, Geoffrey Frederick	1950	Nettle, Kenneth Ralph	1948
Lewis, Clarence George	1924	Neuenkirchen, Hermann Adolph Heinrich	1912
Lewis, Rex Ernest	1930	Newbold, Murray Charles Lewis	1949
Lillywhite, Bessie	1925	Newman, Kenneth Fisher	1928
Lloyd, Harold Trent	1926	Nicol, Beryl Elvira	1943
Loan, William Clarence	1923	Oakley, Lyle Beresford	1949
Lodge, Maurice Arnold	1929		
Lonergan, Eric Norman	1949		

O'Brien, Paul Dominic	- - - -	1937	Schneider, Wilfred, B.E.	- - - -	1932
O'Dea, John Leonard	- - - -	1950	Schumacher, Bert Edward Bernard	- - - -	1933
O'Donnell, James Richard	- - - -	1941	Seaman, Gilbert Frederick	- - - -	1935
O'Flaherty, Michael Sidney	- - - -	1948	Searcy, John Dudley	- - - -	1934
O'Flaherty, Reginald Kitchener	- - - -	1937	Seddon, Gordon David LeMessurier	- - - -	1939
O'Flaherty, William Edward	- - - -	1951	Sellers, Norman Lionel	- - - -	1923
O'Grady, Michael James Anthony	- - - -	1950	Selth, Maurice Burfitt	- - - -	1938
O'Grady, Oswald James	- - - -	1923	Shepherd, Rupert Lloyd	- - - -	1927
Oliphant, Nigel Bessant	- - - -	1933	Sheppard, Bernard Aubrey	- - - -	1910
Oliver, Edward Bruce	- - - -	1935	Sheppard, John Tyndall	- - - -	1928
Oliver, Raymond Charles	- - - -	1933	Shier, Marjorie Dufty	- - - -	1939
Ophel, Ralph Burnell	- - - -	1933	Shuttleworth, Robert Thomas	- - - -	1926
Ormond, Colin William	- - - -	1943	Simmons, Donald William	- - - -	1939
Padget, Dora Jane	- - - -	1928	Simmons, Peter James	- - - -	1950
Paech, Richard Leonard	- - - -	1947	Simpson, Alfred Moxon, B.Sc.	- - - -	1949
Painter, Edward Websdale	- - - -	1920	Simpson, John Favilla	- - - -	1948
Palmer, Bruce Cole	- - - -	1938	Slade, James Henry Gray	- - - -	1938
Paltridge, Angus Lindsay	- - - -	1950	Slape, Marcus Frank	- - - -	1937
Park, Gilbert Maxwell	- - - -	1923	Smith, Charles Alfred	- - - -	1910
Parkinson, John Haslam	- - - -	1934	Smith, Clarice Margaret	- - - -	1929
Parr, Harry Sidney	- - - -	1916	Smith, Dawn	- - - -	1949
Parr, Stanley Robert	- - - -	1949	Smith, Eileen Milton	- - - -	1930
Pascoe, Douglas Everett	- - - -	1927	Smith, Henry Morris	- - - -	1928
Pascoe, Ronald Francis	- - - -	1936	Smith, Isaac Francis	- - - -	1923
Patterson, Isabel Maude Holmes	- - - -	1945	Smith, Kenneth Brian Innes	- - - -	1949
Patterson, Robert Banks	- - - -	1936	Smith, Margaret Shea	- - - -	1950
Payne, Randolph Douglas	- - - -	1948	Solly, Hubert Ambrose	- - - -	1913
Peart, Kathleen Grace	- - - -	1947	Sorell, Donald George	- - - -	1945
Pederick, Hubert Oswald	- - - -	1929	Spence, Lionel Dudley	- - - -	1948
Pentelow, Edith May	- - - -	1929	Stanford, Walter Henry	- - - -	1927
Perriam, Clifford Allan	- - - -	1937	Stapleton, Thomas Leslie	- - - -	1943
Perriam, Eric Charles	- - - -	1939	Starling, Clifford Joseph	- - - -	1947
Peterson, Ronald John	- - - -	1937	Steele, Robert Moore	- - - -	1908
Phelps, Winifred Annie	- - - -	1925	Stephenson, Ezra	- - - -	1928
Philcox, Claude Joseph Owen	- - - -	1923	Stephenson, John	- - - -	1924
Pike, Vernon Horace Charles	- - - -	1937	Stock, Adrian Aston	- - - -	1941
Pitcher, Ronald Samuel	- - - -	1923	Stuart, Arthur Donald	- - - -	1926
Pledge, Martha Phoebe	- - - -	1930	Summers, David Charles	- - - -	1937
Pollnitz, Percy Frederick	- - - -	1935	Sunter, John Scott	- - - -	1936
Ponder, Gilbert Walter Graham	- - - -	1914	Swan, John Gordon	- - - -	1948
Potter, Donald Roy	- - - -	1937	Swanson, Alexander	- - - -	1929
Potter, Frank Jacques	- - - -	1942	Swanson, James Baikie	- - - -	1948
Potter, Wilfred Tom	- - - -	1951	Sweeney, James	- - - -	1935
Pounsett, John Lenton	- - - -	1949	Talbot, John Saxton	- - - -	1940
Price, Henry Ernest	- - - -	1930	Tassie, Eric Harry	- - - -	1917
Prior, Olive Cora	- - - -	1933	Taylor, Deane Brownfield	- - - -	1938
Proud, Katherine Lily	- - - -	1910	Taylor, James Scott	- - - -	1933
Pulford, Vivian George	- - - -	1948	Taylor, Raymond Fyfe	- - - -	1947
Raffelt, Helene	- - - -	1925	Taylor, Walter Henry	- - - -	1935
Ramsey, Alfred Maxwell	- - - -	1941	Temme, Bernhard Robert	- - - -	1931
Ransom, William Robert George	- - - -	1932	Thamm, Louis George	- - - -	1933
Raymond, Reginald Norman	- - - -	1935	Thomas, Bruce Ian	- - - -	1938
Read, Angus Robert	- - - -	1929	Thomas, Harold Clarke	- - - -	1908
Read, Howard Llewellyn	- - - -	1926	Thomas, Jack	- - - -	1928
Redman, Jessie Adelaide	- - - -	1929	Thompson, Frederick Aubrey Jones	- - - -	1929
Reed, Frank Basil	- - - -	1939	Thompson, Jack	- - - -	1949
Reilly, Lawrence Joseph	- - - -	1948	Thompson, Terence Dudley	- - - -	1949
Reynolds, Ernest Joseph Walter	- - - -	1925	Thredgold, Lorna Wynnie	- - - -	1944
Rhodes, Ronald Sydney	- - - -	1927	Thurston, Frank Harris	- - - -	1923
Richards, Kenwyn Howard	- - - -	1937	Thyer, Walter Vernon	- - - -	1921
Richardson, Jack Avon	- - - -	1928	Tilbrook, Kevin Townsend	- - - -	1949
Riches, Robert Wilfred	- - - -	1932	Tillett, Arthur Colin	- - - -	1930
Ridgway, Frank Reginald	- - - -	1938	Todd, Beryl Nance	- - - -	1940
Riebe, Erwin John	- - - -	1929	Topperwein, Jessie Jeanette	- - - -	1925
Riley, Oly Beata	- - - -	1931	Travers, Edward Ambrose	- - - -	1923
Ringwood, Robert Ainslie	- - - -	1939	Treleaven, Ross	- - - -	1950
Rippin, John William	- - - -	1949	Treloar, Ronald William	- - - -	1949
Roberts, James Andrew	- - - -	1935	Trigg, Frank Elliot	- - - -	1926
Roberts, Kenneth James	- - - -	1949	Trimmer, Noel Donovan	- - - -	1950
Robertson, George Oliver	- - - -	1908	Tucker, Colin Pryor	- - - -	1950
Roennfeldt, John William	- - - -	1937	Tuckwell, Kenelm Sinclair	- - - -	1925
Rooney, John Francis	- - - -	1928	Turnbull, George Alexander	- - - -	1930
Rose, Vivian Clement	- - - -	1933	Turner, Arthur Frederick	- - - -	1932
Rowe, George Eddy	- - - -	1951	Turner, Jack	- - - -	1925
Rungie, Maxton Keith	- - - -	1934	Turner, Mervyn Richard	- - - -	1938
Rush, Douglas Bartlett	- - - -	1949	Turner, Percy	- - - -	1913
Rush, Herbert Stanley	- - - -	1934	Turner, Raymond Stanmore	- - - -	1930
Russack, Frederick William, jun.	- - - -	1927	Twiss, William Wilmott	- - - -	1935
Ryan, William John	- - - -	1927	Underhill, Joseph Douglas	- - - -	1950
Safra, Benjamin Louis	- - - -	1950	Valentine, Thomas George	- - - -	1950
Sambell, Frederick James	- - - -	1919	Vawser, Leeson William	- - - -	1920
Sando, Gordon Victor	- - - -	1929	Vawser, Frank Derwent	- - - -	1925
Sarre, James Ayrton	- - - -	1938	Vawser, Noel Keith	- - - -	1941
Scanlan, Ronald Frederick	- - - -	1951	Verco, Wilfred Douglas	- - - -	1940
Schedlich, Bryan Linn	- - - -	1951	Vincent, Harry	- - - -	1932
Schirmer, Gerhart Percy	- - - -	1942	Vincent, Mary	- - - -	1935

Viney, Lawrence George	1940	Wickes, Donald William	1937
Virgo, Ronald Gilmour	1937	Wildy, Mervyn Arthur George	1950
Wagstaff, Ronald	1937	Wilkins, Ada Dorothy Marion	1927
Wahlqvist, Hugo Carl	1923	Williams, Albert Bruce Wauchope	1925
Walch, Geoffrey Roberts	1937	Williams, Edward George	1934
Waldeck, Reginald David Chapple	1933	Williams, Eric Spencer	1922
Walkington, Newton Gilbert	1934	Williams, John Carter	1917
Walsh, Paul	1941	Williams, Kenneth Douglas	1951
Walter, Hugh Garthwaite Ephraim	1938	Williams, Norman Lindsay	1951
Wardman, Charles Howard	1941	Williams, Ronald Bannister	1937
Wauchope, James George Neilson	1911	Williams, Zena Vera	1926
Webb, George Carlile	1938	Williamson, Harold Edgar	1926
Werfel, Mavis Jean	1948	Wilson, William Norman	1950
West, Kenneth Charles	1951	Winter, Claude Howard Stanley	1914
Wheeler, Horace Roseby	1911	Wood, Alfred Evelyn	1909
Whelan, Patrick John	1937	Wood, Maurice Garnet	1938
White, Godfrey Alfred	1947	Woolcock, Alan Burnett	1939
White, Jack Walter Robert	1950	Woolcock, Royal Johnston	1928
White, Wilfred Allan	1940	Wright, Dorothy Maud	1929
Whitridge, Gladstone Keith	1920	Wright, Robert Samuel	1941
Whittenbury, Vernon Frank	1949	Wyett, Ernest Stanley	1931
Whitwell, Bruce Dowland	1934	Young, Norman Smith	1930

## ASSOCIATES IN PUBLIC ADMINISTRATION

Anthony, Ernest	1950	Lee, Frank Botham	1937
Belcher, Milton Judson	1937	Lokan, Albert Henry	1939
Brooks, Sidney Rundle	1938	Mattingley, Maxwell Albert Percy	1945
Burton, Roy Victor	1937	Messent, Esther Mary, B.A.	1936
Carey, Edward John	1936	Millard, Clifford James	1933
Cavalier, Elizabeth Mary	1943	Naylon, Augustin James	1934
Clark, James	1938	Ormond, Colin William	1949
Combe, Bernard Milo	1937	Pollnitz, Percy Frederick	1938
Cook, Gordon James, B.Ec.	1948	Pope, Hugh Gilmore	1932
Coombe, Albert	1932	Pretty, Walter Arthur	1948
Coombe, Samuel	1936	Priest, Alan Hewett	1937
Coonan, Edward Raymond	1949	Reseigh, Claude Edgar	1934
Cottrell, Francis Allan	1934	Robinson, David Floyd	1935
Craker, Arthur Ernest	1932	Russell, Andrew Earl Lindsay	1951
Dale, Richard Charles Moritz	1940	Ryan, Charles Landers	1941
Daniel, Claude Alfred Vaughan	1935	Sando, Maurice Hughes	1934
Deane, Allan Nicholson	1936	Simmons, Donald William, B.Ec.	1950
Dodd, Aubrey Francis Rule	1948	Slade, James Henry Gray	1932
Doecke, Heinrich Albert	1931	Smith, Harold Reid, LL.B.	1949
Donaldson, John Monfries	1936	Temme, Bernhard Robert	1933
Doyle, Leo James, LL.B.	1951	Thomas, William Henry Oswald	1947
Gordon, Coleman Guildford	1939	Tillett, Arthur Colin	1950
Hammond, Raymond Charles	1951	Walker, Colin Alexander Dunstan	1948
Hewett, Alexander Macdonald	1938	Wellington, Murray Morley	1949
Hutchinson, Hugh Morgan	1940	West, Kenneth Charles	1949
Jackson, Harold Ernest	1935	Whitford, Alfred Eugene	1941
Jeffery, Charles Frederick	1934	Wight, Robert James	1938
Kay, Harold Edwin	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	Bentley, William James, B.A.	1949
Allen, John Bernard, B.A.	1942	Berry, Frances Winifred, M.A.	1924
Allen, Leonard Nicholls, M.A.	1939	Bested, Gordon John, B.A.	1945
Altmann, Olive Stella, B.A.	1951	Biddle, Enid Barbara, B.A.	1949
Altus, Rudolph Herman, M.A. (Melb.)	1950	Bilney, Neil Joseph, B.A.	1947
Anders, Douglas John, B.Sc.	1947	Bone, Maxwell Harold, B.A.	1939
Anderson, Aubrey James Clifton, B.A.	1948	Bourke, Elma Marie, B.A.	1941
Atwell, Leslie George Danks, B.A.	1941	Bray, Elva Mildred, B.A.	1943
Baddams, Violet Thenie, B.A.	1940	Brown, Henry, M.A.	1924
Barber, Howard Frank, B.A.	1943	Brown, Reginald Dutton, B.Ec.	1947
Barnes, Frederick Lynne, B.Sc.	1944	Bull, Winifred, B.A.	1948
Barrett, William Vernon, B.A.	1951	Burdon, Ivor Leslie, B.A.	1945
Bartholomaeus, Edmund Stanley, B.A.	1931	Burnard, Charles Robert	1948
Bartlett, Nancy Irene, B.A.	1950	Burns, Esther	1949
Bathelor, Flossie Elizabeth Reine, B.A.	1922	Burton, Dudley Hopetoun, B.A.	1941
Bawden, Albert Victor, B.A.	1942	Butcher, Alan Edward, B.A.	1933
Beaumont, Olive Sowter, B.A.	1943	Butler, Kathleen Fiona, B.A.	1948
Beckwith, Shirley Katie, B.A.	1948	Campbell, Archibald Herbert, B.A.	1939
Bennett, Annie Stevens, B.A.	1924	Cannell, Cedric James, B.Sc.	1942
Bennett, Charles Gordon, B.A.	1934	Cant, Alister McKimmon, B.A.	1944
Bennett, Thomas Southall, B.A.	1940	Carmen, Noel Francis, B.A.	1951

Carthew, Lancelot, B.A.	1950	Higgins, Alfred James, B.A.	1950
Cavenett, Horace Clifford	1945	Hilbig, Paul Berthold, B.A.	1935
Cawte, Frederick George Nelson	1942	Hilton, Arthur Robert, B.A.	1936
Chapman, John Marsden, B.A.	1940	Hirst, Ronald Robert, B.Ec.	1944
Charlesworth, Thomas William, M.A.	1947	Hiskey, Thomas Alan, B.A.	1951
Close, Maynard Davidson, B.A.	1948	Holland, Joan, B.A.	1948
Close, Ronald Wilkinson, B.Sc.	1945	Hoskins, Howard Berthold, B.A.	1938
Coleman, Isabelle Beryl Jean, B.A.	1949	Howard, Ephrem, B.A.	1940
Collins, Charles Vincent, B.A.	1940	Howlett, Nellie Ruth, B.A.	1944
Corrigan, Lawrence Joseph	1930	Howlett, Philip Thomas Michael, B.A.	1944
Cosgrove, Bernard Augustin, B.A.	1945	Humphries, Arthur Cecil George	1941
Cosh, James Malthouse, B.A.	1949	Hutson, Walter William	1945
Dack, Thomas, B.A.	1938	Ireland, Norman Arthur, B.A.	1924
Daddow, Henry Howard, B.A.	1943	Ison, Constance Ruth, B.A.	1942
Davies, Natalia, B.A.	1940	Jenkin, Alfred John Roseland, B.A.	1939
Davis, Robert Bruce, B.A.	1950	Jenkins, Rex Desmond, B.A.	1943
Davison, Gordon William, B.A.	1938	Johncock, Ernest Harry, M.A.	1929
Dinning, Alfred Ernest, B.A.	1933	Jolly, William Richard Norman, B.A., B.Sc.	1939
Donnellan, Teresa Marie, B.A.	1950	Jones, Albert Walter, B.A., B.Sc.	1939
Dowdy, Norman James, B.A.	1949	Jordan, Deidre Frances, B.A.	1951
Downs, George William, B.A.	1948	Juett, Christina Margaret, B.A.	1943
Dungey, Kevin Leonard, B.A.	1944	Kearney, Bernard James	1949
Dunn, Edith Marie, B.A.	1942	Kelly, Ellen, B.A.	1934
Dunn, Sydney Stephen, B.A.	1951	Kenny, Martin Lance, B.A.	1942
East, Vernon Roy, B.A.	1948	Keon-Cohen, Russell Hallel, M.A. (Melb.)	1947
Eden, Owen Frederick, B.Sc.	1951	Kerslake, William James	1942
Edwards, Victor Wilfred Aicom, B.A.	1948	Kesting, Louis John, B.A.	1945
Elder, Audrey Olive, B.A.	1950	Keynes, Nanette Joan, B.A.	1950
Eley, Agnes May, B.A.	1948	Kies, Alick Andrew, B.A.	1948
Evans, Mary, B.A.	1941	Kildea, Mary Francis, B.A.	1941
Ewers, William David, B.A.	1940	Klaebe, Ruth Adelaide, B.A.	1951
Falkenberg, Walter Edwin, B.A.	1942	Kloeden, Louis Adolph, B.A.	1951
Farmer, Helen Robinson, B.A.	1948	Knauerhase, Oscar Carl, B.A.	1938
Farrell, Edward Francis, B.A.	1944	Koehne, Raymond Percy, B.A.	1948
Farrow, Murray Aubrey, B.A.	1947	Laidlaw, William Clarke, B.A.	1940
Featherstone, Dora Bewlay, B.A.	1923	Lamey, Charles Sydney, B.A.	1937
Fechner, Martin Johann Traugott, B.A.	1940	Lawry, Reginald Arthur, B.A.	1947
Fehlbeg, Tasman Julius August, B.A.	1942	Leach, William Valentine, M.A. Dip. Econ.	1928
Finn, Beatrice Mary, B.A.	1943	Lemcke, Vincent Andrew Howard, B.A.	1949
Fisher, Ruben Walter Alfred, B.A.	1950	Lewis, Leonard Arthur, B.Sc.	1947
Fitzgerald, Bartholomew John, B.A.	1932	Lewis, Raymond Douglas, B.Sc.	1943
Flower, Clifford Horace Kenneth Dunn, B.Sc.	1928	Lillecrapp, Douglas Arthur Julian, B.A.	1950
Flynn, Kevin John, B.A.	1942	Lushey, Harold Merton, M.A.	1930
Forbes, William, B.A.	1939	Lynch, John Henry, B.A.	1950
Forsyth, Elliott Christopher, B.A.	1950	McArthur, Laurence Archie, B.Sc.	1935
Fricker, Lyall Peterie, B.Sc.	1951	McCarthy, Bernard, B.A.	1942
Fulton, Gwen Evelyn Hamilton, M.A.	1945	McCullough, Amy Margaret, B.A.	1945
Gare, Lloyd, B.Sc.	1938	McDonald, Donald Stuart, B.A.	1945
Gazard, Geoffrey Albion	1949	McDonald, Gilbert Sherman, B.A.	1934
Gent, Alan Franklin, B.A.	1950	McDonald, John Hunter, B.A.	1936
Gerlach, Max Johann, B.A.	1927	McDonald, Percy William, B.A.	1940
Gibbs, Alfred Lewis Burnand	1949	McElroy, Anthony Godfrey	1947
Gibson, Ernest Stephen Harvey, M.Sc.	1942	McEvoy, Aloysius John, B.A.	1942
Gibson, Gladys Ruth, B.A.	1940	McGowan, George Murray, B.A.	1940
Giersch, Leonard Ernst, B.A.	1943	McIntosh, Florence	1945
Gilchrist, Robert James	1950	McKay, Malcolm William, B.A.	1938
Gill, Clarence William, B.A.	1940	McKinnon, Robert Campbell, B.A.	1936
Glastonbury, Dudley Ivan, B.A., B.Sc.	1935	McLean, Murray Colin, B.A.	1951
Glastonbury, James Oliver Garnet, B.A., B.Sc.	1934	McLean, Reginald Alexander, B.A.	1936
Glynn-Roe, Wilfred Joseph	1950	McMurtie, Alfred Ian, B.A.	1939
Golding, Edmund William, B.A.	1951	McMurtie, Colin, B.A.	1939
Goldsworthy, John Garfield, M.A.	1951	McPherson, Alexander Owen, M.A., B.Sc.	1939
Graham, Mary Theresa, M.A.	1940	Macklin, Laura Muriel Caterer, B.A.	1939
Green, Richard Maslen, B.A.	1940	Macpherson, Reginald Murray, B.A.	1948
Griggs, Clarence Middleton, B.Sc.	1928	Magor, Clifford James, M.A.	1945
Grosvenor, Edna Mary, M.A.	1951	Magor, Irvine Frank, B.A.	1943
Gunton, James Donald, B.A.	1940	Marshall, Herbert Edmund, B.A.	1941
Hansberry, John Pierce, B.A.	1949	Marshallman, Ashley Mead, B.A.	1950
Harper, Ronald George, B.A.	1941	Martin, Amalia Anna, B.A.	1941
Harrington, Colin	1949	Martin, Ralph Keith, B.A.	1948
Harris, Donald Dunstan, M.A.	1934	Martin, Walter Raymond, B.A.	1941
Harris, Dudley Andrew, B.A.	1940	Maschmedt, Zillah Daisy, B.A.	1940
Harris, Lorna Muriel, B.A.	1950	Matters, Horace John	1950
Harris, Shirley Joyce, B.A.	1948	Matthews, Richard Trahair, B.A.	1943
Hart, Arthur Maxwell	1950	Mattingley, Brian John, B.A.	1939
Harvie, Sydney Haral, B.Sc.	1938	May, Dorothy Mary, B.A.	1948
Hauser, Frederick Herbert, B.A.	1934	May, Leonard Seymour, B.Sc.	1939
Hayward, Walter Richard, B.A.	1937	Maynard, Donald Archer Scott, B.Sc.	1940
Healey, Nora Kate, B.A.	1941	Maguire, John Charles, B.A.	1947
Heidenreich, George Bernhardt Franz, B.A.	1948	Measday, Ellen May, B.A.	1947
Heinemann, Mervyn Lambert, B.A.	1948	Measday, Shirley, B.A.	1949
Hickey, Kathleen Veronica, B.A.	1950	Middleton, Melville John William, B.A.	1943
Higginbottom, Edwin Corlett, B.A.	1929		

Miller, Annie Rose, B.A. - - - -	1948	Shaw, John Robert Stockdale, M.A. - - -	1942
Milne, Annie Johnson, B.A. - - - -	1939	Shaw, Kate Hambly, B.A. - - - -	1937
Mitchell, Annie Nora - - - -	1938	Shepherd, John Alfred, B.A. - - - -	1942
Molloy, Raymond Brian, B.A. - - - -	1951	Shrowder, Ronald Louis, B.A. - - - -	1943
Muetzelfeldt, Elfriede, B.A. - - - -	1941	Slee, Dugald Haughton, B.A., B.Sc. - - -	1940
Mules, Betty Lavina, B.A. - - - -	1950	Smale, Thomas Charles, B.A. - - - -	1951
Mundy, Kevin Arnold, B.A. - - - -	1942	Smith, David Carswell, B.A. - - - -	1939
Murphy, Mary, B.A. - - - -	1938	Smith, Edward Rowland, B.Sc. - - - -	1945
Murphy, Shylie Patricia, B.A. - - - -	1948	Smith, Henry Elliott Wesley, B.A. - - - -	1938
Nicholas, Rowland John, B.A. - - - -	1944	Smith, John Fife, B.A. - - - -	1939
Nicholls, Barbara Ruru, B.A. - - - -	1947	Smith, Sheila Isabel Wesley, B.A. - - - -	1947
Ninnes, Arthur Reginald, B.A. - - - -	1944	Spargo, Stanley Carr, B.A. - - - -	1939
Noblett, Hedley Lindsay, B.A. - - - -	1939	Sparrow, Lorna Discombe, M.A. - - - -	1941
Oekenden, Garth Palmer - - - -	1950	Stead, Sydney Arnold, B.Sc. - - - -	1949
O'Connell, William Bernard, M.A. - - - -	1945	Storch, Wilhelm Murray, B.A. - - - -	1949
O'Malley, John Edwin, B.A. - - - -	1949	Strahan, Anthony William, B.A. - - - -	1939
O'Neill, Cornelius Patrick, B.A. - - - -	1951	Sugg, Bentham Horace, B.A. - - - -	1940
O'Neill, Maguerite, B.A. - - - -	1950	Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Educ., 1943) - - - -	1939
Osman, Neile, M.A. - - - -	1948	Symonds, Wybert Milton Caust, B.Sc. - - -	1939
Owen, Gwenth Winsome, B.A. - - - -	1945	Tapp, Adrian, Lynda, B.A. - - - -	1928
Page, Eleanor Florence, B.A. - - - -	1943	Ternan, Verna Joyce, B.A. - - - -	1945
Parsons, Edward Clarence, B.A. - - - -	1941	Thiele, Colin Milton, B.A. - - - -	1947
Parsons, William Ross, B.A. - - - -	1951	Thompson, William, B.A. - - - -	1941
Pash, Hannah Rita, B.A. - - - -	1934	Tomlinson, Betty Mary, B.A. - - - -	1950
Paul, Alec Gordon, M.A., B.Sc. - - - -	1934	Torr, Shirley Constance - - - -	1944
Payne, George Basil, B.A. - - - -	1938	Towasend, Herbert Louis, B.A. - - - -	1945
Pearce, Charles Clifton, B.A. - - - -	1940	Traeger, Keith Terence, B.A. - - - -	1950
Pearson, Howard James, B.A. - - - -	1941	Treasure, Eunice Jessie, B.A. - - - -	1947
Pearson, Leslie Norman, B.A. - - - -	1943	Tregenza, Sydney Lloyd, B.A. - - - -	1935
Pedlow, Clarice, B.Sc. - - - -	1944	Trenorden, James Henry - - - -	1945
Pennington, Beryl, B.A. - - - -	1945	Trudinger, Ronald Martin, B.A. - - - -	1944
Penny, Hubert Harry, B.A. - - - -	1930	Tuckwell, Eric Clavering, B.A. - - - -	1945
Perry, Dulcie May, B.A. - - - -	1941	Tuckwell, Kenelm Sinclair, B.A. - - - -	1945
Peterson, Jean Clarice, B.A. - - - -	1942	Twartz, Arnold Frederick, B.Sc. - - - -	1944
Phillips, Gordon Gilbert, B.A. - - - -	1947	Twartz, Clement Wilford - - - -	1950
Pitman, Beresford Ernest, B.Sc. - - - -	1949	Verrall, Raymond Wilfred, B.A. - - - -	1942
Polkinghorne, Keith, B.A. - - - -	1939	Vickery, Frederick Arthur, M.A. - - - -	1935
Porter, Harold George, B.A. - - - -	1942	Wache, Ethel Mabel, B.A. - - - -	1941
Price, Ione Dorothy, B.A. - - - -	1949	Waite, Jack Francis Enos, B.A. - - - -	1939
Prime, Andree Joyce, B.A. - - - -	1949	Wakeford, Sidney Claud, B.A. - - - -	1939
Proctor, Ivy Millicent, B.A. - - - -	1939	Walker, Gilbert John, B.A. - - - -	1944
Pryor, Eric John, B.A. - - - -	1941	Warren, Sidney Lilla, B.A. - - - -	1927
Pyne, Maurice Ignatius, B.A. - - - -	1929	Watkinson, Mavis Daphne, B.A. - - - -	1942
Rabone, Harry Klements Percival, B.A. -	1941	Wauchope, Mavis Lorelie, B.A. - - - -	1929
Ray, Marjorie, B.A. - - - -	1951	Westgarth, Walter Tebble, B.A. - - - -	1928
Read, Philip Andreas, B.A. - - - -	1941	Whalan, Lionel Walter, B.A. - - - -	1950
Redden, Martin Phillip, B.A. - - - -	1934	Whitburn, Jack, B.A. - - - -	1935
Rendell, Alan, Dip.Econ. - - - -	1929	Whitelaw, Albert James, B.A., B.Sc. - - -	1945
Reynolds, Maxwell Stanley, B.A. - - - -	1950	Wilkins, Ray Eber, B.A. - - - -	1950
Richards, Gordon Alfred, B.A. - - - -	1940	Williams, George Esson Keith, B.A. - - -	1941
Robinson, Samuel Foster - - - -	1922	Williams, James Henry, B.A. - - - -	1922
Rodgers, Frances Ada, B.A. - - - -	1938	Williams, Phillip Glenly, B.A. - - - -	1943
Rooney, Clifford, B.Sc. - - - -	1938	Williams, Walter Leslie, B.A. - - - -	1949
Rooney, Lois Josephine, B.A. - - - -	1948	Willington, Lloyd Stanley - - - -	1950
Rudd, Kenneth Clive, B.A. - - - -	1947	Wilson, Francis Patrick - - - -	1943
Ryan, Michael Rupert, B.A. - - - -	1941	Wilson, Jack Woodrow, B.Sc. - - - -	1943
Sandercock, Alfred Mervyn, B.A. - - - -	1938	Wilson, Luther Ernest Crosby, M.A., B.Sc. - - - -	1939
Searle, Clifford Alfred James, B.A. - - -	1940	Wood, Allen Edwin, B.A. - - - -	1947
Seriven, Murray Walter, B.A. - - - -	1950	Wright, Angas Stanley, B.Sc. - - - -	1939
Sexton, Edgar Raymond, B.A. - - - -	1935	Zoratti, Alba Pierina, B.A. - - - -	1949
Sharman, Florence Mary, M.A. - - - -	1923		

## ASSOCIATES IN PHYSICAL EDUCATION

Allert, Margaret Elizabeth - - - -	1943	Ising, Margaret Lucy - - - -	1942
Arthur, Lawrie Edyvean - - - -	1949	Jensen, Richard Ian Broughton - - - -	1950
Aspinall, Nancie Jean - - - -	1944	Kidman, Elizabeth Duncan - - - -	1942
Baker, Mary Elizabeth - - - -	1942	Lavcock, Geoffrey Clinton - - - -	1948
Bell, Thomas Clive Lithgow - - - -	1943	McGargill, Gordon Winstanley - - - -	1949
Betteridge, Pamela Beth - - - -	1951	MacGillivray, Leith Grant - - - -	1951
Braham, Henry Arnold Collyer - - - -	1951	Maddocks, Jean Kinloch - - - -	1944
Brooks, Charles Alfred - - - -	1945	Mutton, Howard James Charles - - - -	1948
Bullock, Ivor George William - - - -	1950	O'Loughlin, Ruth Dorothy - - - -	1945
Cadzow, Leslie Consort - - - -	1949	Page, Romne Earle - - - -	1944
Chapman, Denise Alcon - - - -	1950	Proctor, Ivy Millicent, B.A. - - - -	1945
Cook, Heather Mignon - - - -	1947	Pugh, Elizabeth - - - -	1949
Coppock, Jeaneitta May - - - -	1943	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
Eldridge, Diana Melbourne - - - -	1950	Sladden, Jefford Desmond - - - -	1949
Fromen, Petrea Elsie Dora - - - -	1950	Thomas, Margaret Anne - - - -	1945
Grace, Gloria Dawn - - - -	1951	Torr, Alison Ruth - - - -	1950
Haslam, Denise Allison - - - -	1949	Williams, Margaret Gordon - - - -	1942
Hodgson, Geoffrey Arthur - - - -	1950	Wollaston, Elsie Margaretta - - - -	1950
Horvat, Ludovic Henry - - - -	1941	Wooldridge, Aileen Frances - - - -	1948

## DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE

Coombs, Mary Minetta	- - - -	1929	Nicholas, Frances Maud	- - - -	1929
Cotterell, Norman Ashby	- - - -	1925	Oliphant, Harold George	- - - -	1925
Cromer, Victor Eugene	- - - -	1923	Opie, Thomas Schulz, B.A.	- - - -	1922
Good, Doris Russell	- - - -	1928	Penny, Hubert Harry, B.A.	- - - -	1922
Ham, William	- - - -	1923	Pritchard, Edgar Willie	- - - -	1924
Harris, Doris Sophia	- - - -	1922	Rendell, Alan	- - - -	1923
Leach, William Valentine, M.A.	- - - -	1925	Skitch, Cecil Ernest Lee	- - - -	1929
Locksley, Maurice	- - - -	1923	Smith, John Fife	- - - -	1925
Maghey, Mary Veta, B.A.	- - - -	1923	Stanford, Walter Henry	- - - -	1929
Morris, Lyndall Erica, B.A.	- - - -	1929	Thompson, Robert	- - - -	1924
Nairn, Loris Walter	- - - -	1929	Williams, Gustav Cyril Milton	- - - -	1929

## ASSOCIATES IN PHARMACY

Anderson, Gwendoline Eva	- - - -	1947	Fitzgerald, Robert John	- - - -	1940
Anderson, Ronald Alexander	- - - -	1944	Flaherty, Howard Norman	- - - -	1947
Andrews, Erson Leonard	- - - -	1939	Flood, Harry Brougham	- - - -	1951
Bahnish, Noel	- - - -	1945	Francis, Robert Leonard	- - - -	1950
Bailey, Geoffrey Reginald	- - - -	1948	Fraser, Wallace	- - - -	1950
Barnes, Donald Stalley	- - - -	1947	Frearson, Harold Thomas	- - - -	1939
Barnes, Herb	- - - -	1944	Freeman, Colin Charles	- - - -	1944
Bartold, Geoffrey Paul	- - - -	1947	Freeman, John Christian	- - - -	1943
Bassett, Murray Maxwell	- - - -	1948	Funder, Eileen Mary	- - - -	1935
Bazeley, William Joseph	- - - -	1945	Gameau, John Lewis	- - - -	1936
Beckinsale, Ronald Herbert	- - - -	1949	Cartrell, Roger	- - - -	1936
Beilby, Jack Canavan	- - - -	1947	Gaunt, Norman William	- - - -	1934
Bentley, Alan	- - - -	1937	Gilbert, Harold William	- - - -	1947
Bishop, Ronald Lancelot	- - - -	1951	Gillespie, Keith Herbert	- - - -	1939
Bishop, William Victor	- - - -	1949	Gould, Ashton Noye	- - - -	1938
Bentley, Deryck Edward	- - - -	1947	Grist, Robert Hocart	- - - -	1951
Booth, Thomas Sheldon	- - - -	1937	Grooby, John David	- - - -	1951
Bourne, John Wallace	- - - -	1943	Grove, William Murray	- - - -	1939
Bowen, Frederick Lloyd	- - - -	1939	Gryst, Helen	- - - -	1948
Bowey, Allan Edgar	- - - -	1938	Gryst, Peter Mervyn	- - - -	1943
Branson, Robert Rolling	- - - -	1937	Guthrie, John Vincent	- - - -	1948
Brett, Jack Nethersole	- - - -	1938	Gwynne, Robert Frank	- - - -	1935
Brewster, Cora Elaine	- - - -	1948	Hall, Thelma Dorothy	- - - -	1937
Broad, Lionel Hugh	- - - -	1943	Hammat, Edwin Laurence	- - - -	1948
Brougham, Robert Joffre	- - - -	1940	Hanna, Robert Andrew	- - - -	1951
Brown, Ronald Emanuel	- - - -	1944	Hardwick, Bernice	- - - -	1949
Burge, Raymond Henry	- - - -	1936	Hardy, Stuart Edward	- - - -	1936
Callaghan, Maxwell John	- - - -	1951	Hayter, Bruce William	- - - -	1951
Callaghan, Roy Hugh	- - - -	1948	Hearn, Walter Joseph	- - - -	1945
Carlier, Ellis Gladstone	- - - -	1951	Hemmings, Thomas Prior	- - - -	1945
Carnie, John Alfred	- - - -	1950	Hennessy, Claude Harold	- - - -	1940
Caught, James Gardiner	- - - -	1935	Hession, John Eric Martin	- - - -	1941
Cavanagh, Robert Edwin	- - - -	1936	Hibble, Ross Ernest	- - - -	1950
Cheek, Harold Dudley	- - - -	1939	Higgins, Gordon Leslie	- - - -	1949
Chodowski, Samuel Mendel	- - - -	1941	Hill, Dudley Clarke	- - - -	1950
Clancy, Ross Percival	- - - -	1945	Hopewell, Edward Wallace	- - - -	1951
Clark, Arthur Wellesley	- - - -	1934	Hosking, Allen Edwin	- - - -	1934
Clarke, Trevor Keith	- - - -	1945	Hulbert, Russell George	- - - -	1938
Clarke, Vinrace Lisle	- - - -	1936	Humphrys, Arnold Clarence John	- - - -	1951
Clarke, William Graham	- - - -	1947	Hutchins, Ross	- - - -	1942
Coleman, Ronald George	- - - -	1947	Huxtable, Colin Stanley	- - - -	1948
Connell, Myles Patrick	- - - -	1949	Huxtable, Kenneth Clarence George	- - - -	1949
Coorey, Brian Norman	- - - -	1950	Jens, Percival Lancelot	- - - -	1938
Coultas, Ronald John	- - - -	1950	John, Clarence Gilmore	- - - -	1948
Cox, Peter John	- - - -	1951	Johnson, John Kenneth	- - - -	1950
Crafter, Kenneth Charles	- - - -	1938	Johnson, Keith Douglas	- - - -	1941
Crago, Reginald Allen	- - - -	1951	Johnson, Leonard	- - - -	1945
Craig, Lloyd Albert	- - - -	1941	Johnston, Edwin John McCallum	- - - -	1938
Curnow, Thomas Martin	- - - -	1942	Jolly, Norman Dickson	- - - -	1939
Currie, Robert John	- - - -	1950	Jones, Douglas Perry	- - - -	1950
Daniell, Ross Wilfrid	- - - -	1938	Justin, John Herbert	- - - -	1942
Darwin, Lloyd Edwin	- - - -	1943	Kain, Coleman Lawrence	- - - -	1938
de Brenni, Jules	- - - -	1944	Keipert, Paul Howard	- - - -	1942
Doe, Alwyn Gilbert	- - - -	1951	Kimber, Hubert Thomas	- - - -	1937
Dolman, John George	- - - -	1951	Kinsley, John Vere	- - - -	1938
Dowding, Ruth Elma	- - - -	1948	Kirby, David Bevan	- - - -	1940
Downie, Sydney Andrae	- - - -	1940	Knightley, Harold Alan	- - - -	1948
Duncan, John Davidson	- - - -	1950	Knill, Douglas William	- - - -	1940
Dundon, Laurence James	- - - -	1942	Laffer, Mildred Emily	- - - -	1935
Dundon, Noel Francis	- - - -	1949	Lalor, William Brian	- - - -	1935
Dunstone, Kenneth William Thomas	- - - -	1943	Larwood, Patricia Myrtle	- - - -	1947
Eckersley, Malcolm Russell	- - - -	1939	Lawton, Brian Eley	- - - -	1949
Egar, Paul Gerard	- - - -	1949	Leak, Weston Hugh	- - - -	1939
Elix, Robert Hugo	- - - -	1935	Lean, Albert Gordon	- - - -	1938
Entwistle, John	- - - -	1947	Lean, Keturah Victoria	- - - -	1935
Evans, Anthony Greig	- - - -	1945	Lenthal, Douglas Lionel	- - - -	1936
Evely, Roderick Harding	- - - -	1938	Lewis, Loulie Maxine	- - - -	1949
Ey, William Theodor	- - - -	1937	Lock, Peter Bayard	- - - -	1943
Fenn, Donald George	- - - -	1950	Lovell, Barbara Jean	- - - -	1948
Field, Arthur Blackiston	- - - -	1942	Lower, Rupert Alexander	- - - -	1940
Fisher, Robert Hilson	- - - -	1942	Lyons, Colin Henry	- - - -	1951

McColl, Peter Donald	1951	Salman, Harry William	1934
McNeil, Keith Albert	1950	Schroeder, June Adele	1951
MacRae, George Brown	1933	Schultz, Francis John	1940
Makin, Harry Arnold	1942	Scrivener, Desmond Arthur	1950
Malpas, Cecil Egerton	1945	Shapter, William Evan	1944
Manning, Lancelot Henry	1934	Shepherd, Peter	1940
Manton, Jack Hudson	1934	Sheliffe, Reginald George	1936
Martin, Adeline Zoe	1934	Siggins, Ronald Hewitt	1938
Martindale, Aileen Francis	1948	Simon, John Ross	1951
Martindale, Edward John	1947	Sleep, Frank Ronald	1945
Marshall, Alfred George Robert	1939	Smith, Graham Reginald	1934
Mathews, Maurice John	1935	Smith, Mervyn Keith	1939
McCarthy, Roderick Charles	1936	Smylie, Gordon McInnes	1940
Measday, John Cleveland	1943	Smyth, Neil Lawrence	1950
Meegan, Peter	1951	Sorrell, Leonard Martin	1942
Michaels, Donald Ernest	1941	Southern, Sydney Anthony	1950
Middlemiss, Brian Robert	1951	Spafford, Rex Netherton	1939
Mildren, Brian Frederick	1944	Stain, John Wright	1939
Miller, Heather Joyce	1948	Statton, Bruce Arthur	1943
Miller, Robert Lionel	1938	Storen, Walter Joseph	1951
Mitchell, Donald Graham	1944	Streicher, Francis Mannix	1942
Moriarty, Daniel Francis	1951	Stuckey, Mary Hill	1942
Mosel, Donald	1945	Swan, Joyce Charlotte	1942
Mugg, Gordon Murrie	1940	Symonds, Robert Murray	1951
Newbery, Betty Hilda	1947	Talbot, Allan Benjamin	1940
Newbery, Donald Ernest	1944	Taylor, Ray Athol	1949
Newbery, John Henry Edward	1947	Taylor, Ronald Norman	1947
Newson, Clarence Alfred	1941	Taylor, William Thomas	1936
Nicholas, Cecil David	1941	Teakle, John Kevin	1951
Nicholls, Brian Charles	1949	Thompson, Eric James	1935
Norman, Alfred James	1935	Tiver, Lloyd Charles	1937
Norman, Jack Campbell	1951	Tonkin, Peter Richard	1942
Odgers, Murray Grenfall	1938	Trevelyan, Denys Murray	1948
Offe, Garth Ian Hamilton	1940	Tulloch, Roger James	1949
Ongley, John Henry Albert	1936	Upton, James Harold Charles Hughes	1938
O'Reilly, Dominic Patrick John	1941	Upton, Robert Maxwell William A.	1951
Parker, Rex Carleton	1934	Veitch, Robert Henry	1951
Patrick, Reginald Ross	1942	Venning, Claude Meadows	1940
Patterson, Ronald Thomas	1939	von Doussa, Kathleen Gwendoline	1949
Peek, Donald Harvey	1947	Walker, Leonard Frank	1936
Penhall, Donald Frederick James	1951	Walker, Raymond Charles	1943
Physick, William Alick	1940	Wall, Kenneth	1936
Porter, Kenneth Symes	1935	Walsh, Afton Peter	1937
Potts, Frank Desmond	1951	Walsh, Zeta Mary	1934
Priess, Richard John	1941	Ward, Clyde Hedley Charles	1948
Pritchard, Helen Bessie	1948	Ware, John Brian	1950
Purchases, John Alfred	1947	Warnecke, Drennan Paul	1949
Ramsay, Douglas	1934	Warren, Donald Spencer	1951
Ramsey, Colin Bruce	1950	Watson, John Myers	1949
Ramsey, Mollie Aileen	1942	Watts, John William	1938
Randell, William Richard	1940	Wauchope, Alan Wylie	1941
Rankine, Ian Jeffrey	1942	Webb, Donald Ralph	1943
Rauth, William Heseltine	1941	Wellington, Nancy Catherine	1944
Reid, Betty Lorna	1949	Wheaton, Frank Hurtle Pengelley	1948
Retallick, Gladys Yvonne Joan	1943	Wheeler, Eric Henry	1942
Retallick, John James Mark	1951	Wheeler, Reginald Gordon	1944
Rice, William Frederick	1934	White, John Carew	1940
Richardson, Jack McPherson	1937	White, John Matthews	1941
Roberts, Peter Vernon	1951	Wickes, Ronald John	1941
Robinson, Murray Gilbert	1947	Wigley, Tom Joseph	1934
Rohlfing, Kenneth Malcolm	1948	Williams, Edward Francis	1947
Rohrig, D'Arcy Clayton	1941	Wilson, Beryl Maud	1951
Rolfe, Thomas John	1936	Wilson, Donald Kenneth	1951
Rowe, Gordon Thomas	1948	Wilson, William Fraser	1941
Rowe, John Crawford	1950	Woodford, Lewis Maxwell	1951
Russell, Alan Alexander	1947	Woollard, Mervyn John	1935
Russell, Norman	1950	Wyld, Robert Bowen	1950
Ryan, Molly Hazel	1942	Zander, Frank Howard	1941
Ryder, John Bernard	1943		

## ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith	1950	Bosworth, Catherine Jean	1947
Angove, Margaret Carlyon	1942	Bowen, Suzanne Joan	1944
Ashbolt, Winifred Joy	1948	Buckley, Hannah	1942
Astley, Joyce Mary	1947	Burnett, Ronda June	1949
Bails, Ruth	1943	Burns, Margaret Ternouth	1945
Baker, Mary Elizabeth	1947	Carthew, Margaret	1948
Bakewell, Joan Helen	1951	Cavalier, Elizabeth Mary	1944
Ball, Heather	1951	Clark, Caroline Emily	1949
Ball, Iris Marguerite May	1949	Clarke, Walter Frederick	1950
Bates, Nancy Patricia	1947	Clegg, Donald Stanley George	1950
Bayer, Josephine Kent	1944	Cleland, Pamela Mary	1949
Benjamin, Eric	1949	Clucas, Gwendoline Ivy	1944
Bidwell, Dorothy Gwendoline	1949	Cope, Joan Maxine	1951
Boehm, Claire Edith	1951	Cornish, Mary Esther	1947

Crook, Marjorie Marion, B.A.	- - -	1948	Matters, Barbara Frances	- - -	1948
Crosby, Heather Bembrick	- - -	1945	Maund, Doreen Rhoda	- - -	1951
Crouch, Lilian Rubena	- - -	1948	†Mengerson, Margaret (1939)	- - -	1942
†Davis, Phyllis Evelyn Eva (1941)	- - -	1942	Mercer, David Jeffrey	- - -	1948
Dobson, Lesbia Constance Alma	- - -	1947	Michell, Aithnah Howard	- - -	1950
Douglas, Christine Gordon	- - -	1948	Nairn, Phyllis	- - -	1948
Dow, Anne Eleanor	- - -	1949	Nankivell, Diane	- - -	1948
Ellis, Joan Mary	- - -	1950	Osterman, Ingrid Gwendoline	- - -	1951
Featherstone, Dora Bewley, B.A.	- - -	1942	†Paine, Helen, B.A. (1940)	- - -	1942
Flett, Phyllis Margaret	- - -	1948	Paine, Janet, B.A.	- - -	1949
Forrest, Ida Jean	- - -	1949	Parker, Thelma Margaret	- - -	1948
Fox, Alison Frances	- - -	1947	Plunkett, Margaret Elizabeth	- - -	1948
Fry, Roma Kathleen	- - -	1947	Polkinghorne, Patricia Margaret	- - -	1951
Gault, Yolande Mary	- - -	1949	Porter, Vincentia Margaret	- - -	1949
Gow, Alwyn Mona King	- - -	1950	†Prince, Beryl Lloyd (1940)	- - -	1942
Graham, Elaine Alston	- - -	1951	Reed, Margaret Kathleen	- - -	1942
Griffith, Elsie Mervyn	- - -	1948	Roberts, Barbara June	- - -	1950
Habib, Mary Lorraine	- - -	1951	Roberts, Luke Vincent	- - -	1949
Hallett, Rosamund	- - -	1951	Russell, Brenda Amanda	- - -	1949
Halls, Christobel Heather Susannah	- - -	1949	Salter, Amy Vivien Fulton	- - -	1945
Hambidge, Margaret Cecile, B.A.	- - -	1942	Sandford, Patricia Mary	- - -	1947
Harris, Cyril Eric McGillivray	- - -	1949	Sandford-Morgan, Rosemary Linton	- - -	1949
Haslam, Anne	- - -	1947	Schmidt, Thekla Naomi	- - -	1947
†Haste, Ada Louise (1941)	- - -	1942	Shaw, Margaret Pointon	- - -	1945
Hayter, Joan Nelson	- - -	1948	Silk, Beatrice Mary Mounsey	- - -	1945
Heffernan, Helen Margaret	- - -	1949	Simes, Maysie Hall	- - -	1948
Helman, Eve	- - -	1947	Smith, Graham Frank	- - -	1948
Henderson, Barbara	- - -	1947	†Slade, James Francis (1939)	- - -	1942
Hicks, Elizabeth Joan	- - -	1950	Sobey, Iris Beatrice, B.A.	- - -	1947
Hill, Josephine Margery	- - -	1950	†Stanton, Anne (1940)	- - -	1942
Hogben, Elizabeth Cole	- - -	1948	Stephen, Winifred Grace	- - -	1947
Hope, Marjory Frances	- - -	1947	Stevenson, Margaret	- - -	1947
Hunter, Geoffrey Norman	- - -	1950	Stock, Colin Rendle	- - -	1949
†Hunwick, Maureen Mary (1938)	- - -	1942	Streicher, Joan Patricia	- - -	1950
Hutchinson, Yvonne Francis	- - -	1949	Sugg, Madge	- - -	1947
Jackson, Iris Ellen	- - -	1949	†Sullivan, Margaret Rendle (1941)	- - -	1942
Jacobs, Eleanor Caroline	- - -	1944	Tai, Marlene	- - -	1945
James, Helen Margaret, B.A.	- - -	1943	Tarbath, John David	- - -	1950
Jenkins, Merle Nona	- - -	1950	Teate, Elizabeth	- - -	1950
Johnson, Marjorie Lisle	- - -	1947	Thomson, Joanna Roberta	- - -	1947
Jones, Albert Richard	- - -	1949	Thomson, Reginald	- - -	1949
Kay, Franziska Clara	- - -	1948	Tipping, Barbara Gertrude	- - -	1944
Kepe, Merridy Henderson	- - -	1948	Trotter, Eileen Mary	- - -	1947
Kerr, Olwyn Gertrude	- - -	1948	van Raalte, Winifred	- - -	1947
Lean, Shirley Doris	- - -	1949	Walters, Margaret Ward	- - -	1947
LeCornu, Barbara Joy	- - -	1949	Warner, Joan	- - -	1951
Lewis, Ruth Pamela	- - -	1949	Warnest, Jean Alice	- - -	1949
Liston, Doreen Bice	- - -	1950	Waters, Lesley Brenda	- - -	1947
Lorking, Diana Pauline Elizabeth	- - -	1950	Waterman, Collette	- - -	1944
Lovibond, Sydney Harold	- - -	1949	Wemyss, Glensy Maisie	- - -	1951
†McDonald, Jessie Angus (1939)	- - -	1942	Whitehead, Millicent Alma	- - -	1949
†McIntosh, Florence Mary (1938)	- - -	1942	Whittington, Anne, B.A.	- - -	1951
McGlaughlin, Helen	- - -	1948	Wicks, Nancy Elizabeth	- - -	1947
†McKail, Mary Boyer (1938)	- - -	1942	Wilmot, Edith French, B.Sc.	- - -	1944
MacKay, Annette Frances	- - -	1942	Wilson, Shirley Cameron	- - -	1950
Macklin, Nancy Marie (1940)	- - -	1942	Winter, Eva Bertha	- - -	1951
MacLennan, Flora Joy	- - -	1942	Winter, Lewis Walter	- - -	1948
†Marcus, Patricia Langman (1938)	- - -	1942	†Woods, Irene Constance (1938)	- - -	1942
Mathews, Rita Clarice	- - -	1948			

† 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	Hammond, Marie Joan	- - -	1951
Banks, Athalie Isabelle	- - -	1951	Hannaford, Claire Anne	- - -	1949
Banks, Garland	- - -	1951	Hardy, Barbara Mansell	- - -	1946
Begg, Jenny Isobel	- - -	1949	Hardy, Mary Mansell	- - -	1951
Begg, Pauline	- - -	1951	Heysen, June	- - -	1948
Biven, Mabel Audrey	- - -	1947	Holder, Charlotte Ruth	- - -	1949
Branson, June Maxine	- - -	1948	Jay, Judith Helena	- - -	1947
Clark, Genevieve Mary	- - -	1950	Jennings, Jill Cellibrand	- - -	1947
Collins, Doreen	- - -	1946	Job, Kathleen	- - -	1950
Colliver, Judith Mary	- - -	1947	Johns, Gordon James	- - -	1946
Copley, Fay Muriel	- - -	1948	Jones, Alison Mary Herbert	- - -	1948
Creswell, Joan Elizabeth	- - -	1951	Jordan, Hilary Anne	- - -	1951
Crowe, Helen Katherine Margaret	- - -	1948	Kelly, Francis Simeon	- - -	1949
Davys, Barbara Ramsay	- - -	1951	Kinsman, Alison Joan	- - -	1949
Donaldson, Robert Gordon	- - -	1948	Lake, Joan	- - -	1948
Dow, Diana Caroline Sandland	- - -	1947	Laver, Dorothy Margaret	- - -	1948
Fielder, Ethel Kathleen	- - -	1948	Mackie, Margaret Irene	- - -	1950
FitzPatrick, Eiril Margaret	- - -	1950	Maloney, Patricia Kathleen	- - -	1950
Fricke, Muriel Vera	- - -	1948	McElroy, Margaret Joyce	- - -	1950
Gault, Averil Margaret	- - -	1949	McLennan, Fay Maisie	- - -	1951
Gray, Janet Lesley	- - -	1950	McPhee, Aileen Tempe	- - -	1949
Gray, Jule Marie	- - -	1951	Maitland, Geoffrey Douglas	- - -	1949



Marshman, Margaret Felstead	1946	Robertson, Mary Douglas	1947
Meyer, Rigmor Stewart	1948	Rofe, Margaret Jean	1950
Mitchell, Dorothy Christine	1948	Ross, Susan Mary	1947
Moore, Margaret Suzanne Alice	1945	Rzeszkowski, Lois Morna	1946
Morley, Mary Elizabeth	1946	Salmon, Margaret Besley	1945
Morris, Suzanne Beatrice	1949	Simpson, Rae David	1951
Newton, Margaret Betty	1950	Sims, Enid Helen	1950
Paige, Maxwell John	1949	Smith, Elaine Lockhart	1946
Phillipps, Margaret Jean	1945	Stoddart, Lorraine Mary	1951
Pitcher, Anne Barton	1951	Thomson, Janet Elizabeth	1951
Plush, Lesley Margaret	1949	Tosolini, Gwen Corinna	1951
Preston, Pauline Rowland	1949	Waddell, Margaret Jean	1945
Rischbieth, Anne Helen	1950	Wicks, Claire Hampton	1947
Roach, Valerie Eyre	1949	Wylde, Annette Eustace	1947

## ASSOCIATES IN ARTS AND EDUCATION

Ahrens, Elsie Gladys	1951	Giles, James Ramsay	1951
Andrews, David Francis William	1948	Glover, Geoffrey Edward Harold	1951
Armitage, Bessie Eleanor Mildred	1949	Glynn-Roe, Wilfrid Joseph	1948
Ashton, Walter Ray	1950	Golding, Edmond William	1949
Aspinall, Nancie Jean	1951	Gower, Charlie James	1951
Baird, Rachel Mary	1949	Green, Ian Edward Charles	1949
Baker, Harvey Laurence	1950	Guerin, Robert	1950
Baxter, Ladislus Edward	1949	Hakendorf, Hansie St. Clair	1950
Bayly, Elizabeth	1948	Hall, Clifford Thomas Robert	1950
Bennett, Henry Russell	1948	Hansen, Norman Victor	1951
Bosworth, Catherine Jean	1951	Harper, Brian Youl	1951
Bourne, Margaret Cornelius	1949	Harrington, Archie	1951
Bowden, Janet	1951	Harrip, Elva Ray	1950
Bowler, Mary	1949	Harrison, Mary Elizabeth	1951
Bown, Henry Theobald	1949	Harrison, Ruth Olive	1950
Braham, Henry Arnold Collyer	1949	Hart, Arthur Philip Clarendon	1948
Brideson, Colin Herbert	1950	Hastwell, Nita Claire	1948
Brocksopp, John Ernest, L.L.B.	1951	Hecker, Coral Gladys	1950
Brown, Norman	1951	Hefford, Ronald Keith	1951
Buick, William George	1950	Hicks, Lancelot Fry	1951
Burgan, Owen Sylvester	1948	Hocking, Edward Bridgman	1951
Burley, Betty Ellanora Dawn	1951	Hosking, William Rex	1951
Burnard, Charles Robert	1948	Howell, William Ewart	1950
Burns, Esther	1948	Humphries, Arthur Cecil George	1950
Burns, Robert Alexander	1951	Humphries, Edna Jeanine	1951
Butcher, Colin Sydney	1951	Hussey, Francis Leitch	1950
Butler, Francis James	1948	Hutson, Walter William	1948
Buttrose, Stroma	1951	James, Richard Cecil	1949
Bywaters, Mary Barfield	1951	Jenkins, Merle Nona	1950
Campbell, Barbara	1950	Jeffs, Kathleen Ellinor	1948
Carmichael, Donald Ross	1949	Judd, James	1950
Cavenett, Horace Clifford	1948	Kealley, Frank Shenstone	1948
Chandler, Douglas Norman	1951	Keane, Kenneth John	1951
Charlesworth, George Harvey	1950	Kelley, William Brian	1949
Clark, John Stephen	1951	Kesting, Norman Gustav	1951
Clarke, Margaret Anne	1948	Kimber, William Harold	1948
Clarke, Ruth Mary	1949	Kissell, Thomas Alfred	1950
Coggins, Robert Symes, B.Sc.	1951	Kroehn, Joan Margaret	1951
Considine, Thomas John	1950	Lamacraft, Kenneth Ronald Ross	1951
Cook, Colin George	1951	Lamborne, Maxwell Addison	1949
Cook, Owen Gladstone	1951	Langsford, Irene Eltham	1949
Coppock, Alfred Arthur	1930	LeCornu, Colin George	1951
Cousins, Georgena Millicent	1949	Leigh, Kathleen Lavinia Anne	1951
Daenke, Eric	1948	Lock, Dorothy Marie Jeanne	1950
Dahl, James Oliver	1949	Love, Robert Stewart	1948
Darby, Ruth Mary	1949	McCracken, Samuel Raymond	1951
Davies, David William	1950	McDonald, William George Harlowe	1948
Davis, Brian	1949	McElroy, Anthony Godfrey	1949
Dawes, Walter Ernest	1949	McKinnon, Charles Richard	1951
Delsar, Frederick William	1949	McLay, Andrew Harold	1950
Dempster, Donald	1949	McLeod, Murray Robert Love	1949
Dorman, Jean Alison	1951	McKenzie, Hector Malcolm	1948
Duell, Allen John	1951	McRostie, Keith Henry	1950
Dunlop, Walter James	1951	MacGillivray, Leith Grant	1951
Dunstan, Arnold Edward Stanton	1948	Mansfield, Richard Charles	1951
Dyster, Thomas	1949	Maple, Alexander Montrose	1948
Eckert, Lexley Frank	1951	Marsh, William Clarence	1951
Edwardes, Arthur Diedrich	1950	Martin, John William	1950
Evans, Ben Owen	1950	Masters, John Clive	1949
Ey, Sheila Margaret	1950	Mausolf, Wallace	1951
Farrow, Robert Murray	1950	Michelmore, Roland Symons	1948
Fergusson, George Robert	1948	Milway, Russell Henry Oliver	1949
Fitch, Nancy Jean	1949	Mulraney, Leslie Patrick	1950
Fitzgerald, Clarence Lindsay	1949	Mundy, Robert Reginald Peter	1951
Foweraker, Alma Muriel	1950	Murchland, Mildred Emily	1949
Fricke, Lourdes Victoria	1951	Natt, Geoffrey	1950
Galle, Reginald Victor	1951	Noon, David Lyon	1948
Gibbs, Alfred Lewis Burnand	1948	Norton, Mary Alice	1949

Nunan, Douglas Stephen	- - - -	1951	Smith, Constance Ethel	- - - -	1950
Oborn, Herbert Russell	- - - -	1948	Smith, Doris Elizabeth	- - - -	1951
O'Leary, Patricia	- - - -	1950	Smith, Ivan Ford	- - - -	1949
O'Neill, Marguerite	- - - -	1948	Smith, John Henry	- - - -	1950
Paice, William Osborne	- - - -	1950	Smith, Reginald John Wayne	- - - -	1950
Palmer, Rachel Dawn	- - - -	1950	Smith, Sylvester	- - - -	1948
Parkes, Roy Frederick Walter	- - - -	1948	Sykes, Helen Marian	- - - -	1949
Patterson, Frank Brenton	- - - -	1948	Tabor, Barbara	- - - -	1949
Peake, Archibald John	- - - -	1950	Taylor, Beatrice May	- - - -	1950
Pearce, Alfred Moreton	- - - -	1949	Taylor, Douglas McLeod	- - - -	1948
Pennicott, Ralph William	- - - -	1948	Theobald, Howard Wesley	- - - -	1950
Phillips, Ronald Osborn	- - - -	1950	Thompson, Frank Howard	- - - -	1948
Playfair, Noel Angus	- - - -	1951	Thompson, Mildred Florence	- - - -	1951
Pole, Audrey Elizabeth	- - - -	1951	Tindall, Alison Ruth	- - - -	1950
Polkinghorne, Heather Mary	- - - -	1949	Torr, Alison Ruth	- - - -	1950
Quigley, Francis James Leo	- - - -	1950	Travers, Thomas Edward	- - - -	1948
Read, Clarence Percy	- - - -	1949	Trudinger, June Stirling	- - - -	1949
Redin, Lewis Charles	- - - -	1949	Twartz, Clement Wilford	- - - -	1948
Redman, Jessie Adelaide	- - - -	1951	Vaughan, Matthew Ferdinand	- - - -	1950
Redstone, Frank	- - - -	1949	Vogelsang, Arthur Ernst	- - - -	1950
Reincke, Kevin	- - - -	1950	Wachtel, Heinrich Lenhart	- - - -	1948
Richards, Mary Elizabeth	- - - -	1948	Wallace, Francis Joseph	- - - -	1948
Roberts, Owen David	- - - -	1949	Wellington, Douglas Erwin	- - - -	1950
Rogers, Roma Emma	- - - -	1951	West, George Graham	- - - -	1948
Rogers, Ruth Nellie	- - - -	1951	Wiese, Ivo Ray	- - - -	1951
Rooney, Kathleen	- - - -	1948	Wilkinson, Stewart Rex	- - - -	1948
Rowe, Rex Norman	- - - -	1950	Williams, Ruth Jacqueline	- - - -	1949
Rowell, George Douglas Fairbairn	- - - -	1949	Williamson, Beth England	- - - -	1949
Rudolph, Gerald Alfred	- - - -	1951	Wilson, Francis Patrick	- - - -	1948
Ruediger, Malcolm Milton	- - - -	1950	Wilson, Gwendolyn Moore	- - - -	1950
Sage, Harold Robert	- - - -	1950	Woithe, Francis Arnold	- - - -	1951
Sando, Clarice Melva	- - - -	1950	Wood, Eric William Hadley	- - - -	1951
Shekleton, Peter Reginald	- - - -	1951	Woodards, Eva Narma Cherrington	- - - -	1949
Smale, Thomas Charles	- - - -	1949	Woods, Donald Peter	- - - -	1951
			Zoerner, Robert John	- - - -	1951

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 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.

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

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

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

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

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**Chapter II.—Of the Council.**

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

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

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

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

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**Chapter III.—Of the Senate.**

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

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

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

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

• Allowed 2nd December, 1926.

**Chapter IV.—Of Professors and Lecturers.**

\*1. There shall for the present be the following Professors, that is to say:

- (1) The Hughes Professor of Classics and Comparative Philology and Literature;
- (2) The Hughes Professor of English Language and Literature and Mental and Moral Philosophy;
- (3) The Elder Professor of Pure and Applied Mathematics;
- (4) The Elder Professor of Physics;
- (5) The Elder Professor of Anatomy and Histology, who shall also give instruction in Comparative Anatomy, and shall be the Director of the Anatomical Museum;
- (6) The Angas Professor of Chemistry;
- (7) The Elder Professor of Music;
- (8) The Bonython Professor of Laws;
- (9) The Professor of Biochemistry and General Physiology;
- ‡(10) The Professor of History and Political Science;
- §(11) The Professor of Civil Engineering;
- (12) The Professor of Botany;
- (13) The Marks Professor of Pathology;
- (14) The Professor of Geology and Mineralogy;
- (15) The Jury Professor of English Language and Literature;
- (16) The Professor of Zoology;
- †(17) The Waite Professor of Agronomy;
- (18) The Waite Professor of Agricultural Chemistry;
- (19) The Professor of Human Physiology and Pharmacology;
- (20) The Professor of Economics;
- (21) The Waite Professor of Entomology;
- ‡(22) The Professor of Mining, Metallurgical and Chemical Engineering;
- (23) The Keith Sheridan Professor of Experimental Medicine;
- (24) The Professor of Bacteriology;
- ¶(25) The Professor of French Language and Literature;
- §(26) The Professor of Mechanical Engineering;
- §(27) The Professor of Electrical Engineering;
- ‡(28) The Professor of Economic Geology;
- \*\* (29) The Professor of Mathematical Physics;
- \*\* (30) The Professor of Genetics.

\* Allowed 8th December, 1938.

‡ Amended 8th December, 1949.

¶ Allowed 9th December, 1943.

† Amended 11th December, 1941.

§ Allowed 23rd January, 1947.

\*\* Allowed 17th January, 1952.

2. There shall be such other Professors and such Lecturers as the Council shall from time to time appoint.

3. Each Professor and Lecturer shall hold office on such terms as have been or may be fixed by the Council at the time of making the appointment.

‡4. Whenever sickness or any other cause shall incapacitate any Professor or Lecturer from performing the duties of his office, the Council may appoint a substitute or substitutes to act in his stead during such incapacity; and the Professor or Lecturer during such period shall receive such salary as the Council shall direct.

5. The Council may at its discretion dismiss from his office or suspend for a time from performing the duties and receiving the salary thereof any Professor whose continuance in his office or in the performance of the duties thereof shall in the opinion of the Council be injurious to the progress of the students or to the interests of the University: Provided that no such dismissal shall have effect until confirmed by the Visitor.

6. No Professor shall sit in Parliament or become a member of any political association; nor shall he (without the sanction of the Council) give private instruction or deliver lectures to persons not being students of the University.

7. The Professors and Lecturers shall take such part in the University Examinations as the Council shall direct, but no Professor or Lecturer shall be required to examine in any subject which it is not his duty to teach.

8. During Term, except on Sundays and public holidays, the whole time of the Professors shall be at the disposal of the Council for the purposes of the University: Provided that the Council may for sufficient reason, on the application of any Professor, exempt him altogether, partly, or on particular occasions, from this Statute, and may at pleasure rescind any such exemption.\*

‡ Allowed 9th December, 1943.

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

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#### Chapter V.—Of the Registrar.

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

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

• Allowed 18th September, 1900.

**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.**

The Chancellor, the Vice-Chancellor, and the Chairman of the Finance Committee shall be the custodians of the University Seal, which shall be affixed to documents only at a meeting of the Council and by the direction thereof. The affixing of the Seal shall be attested by the signature of the Chancellor, the Vice-Chancellor, or the Chairman of the Finance Committee, and of the officer who affixes the Seal, except in the case of diplomas for which the signature of the Chancellor or the Vice-Chancellor alone shall be sufficient.

Allowed 30th November, 1933.

**Chapter VIII.—Of Terms.**

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

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

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

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

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

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

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

\* Allowed 17th January, 1952.

Allowed 10th January, 1946.

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



### 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.

§For the Degree of Bachelor of Economics:

Five subjects, including English, one language other than English, and Mathematics part i, at the Leaving Examination.

In the Faculty of Science:

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

¶In the Faculty of Agricultural Science:

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

• Allowed 11th December, 1941.

† Allowed 10th December, 1925.

§ Allowed 10th December, 1930.

¶ Allowed 3rd January, 1929.

‡ Amended 10th December, 1930.

||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.

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

|| Allowed 11th December, 1941.

\*\* Allowed 14th December, 1950.

• Allowed 5th December, 1940.

‡ Amended 16th December, 1948.

§ Allowed 17th January, 1952.

Allowed 6th December, 1922.

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 9th December, 1943.

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

### Chapter X.—Of the Faculties

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

#### ARTS.

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

## SCIENCE.

3. (1) The Faculty of Science shall consist of the Chancellor, the Vice-Chancellor, the Elder Professor of Mathematics, the Professor of Mathematical Physics, the Elder Professor of Physics, the Angas Professor of Chemistry, the Professor of Geology, the Professor of Economic Geology, the Professor of Botany, the Professor of Zoology, the Professor of Biochemistry and General Physiology, the Professor of Human Physiology and Pharmacology, the Elder Professor of Anatomy and Histology, the Head of the Department of Bacteriology, the Dean of the Faculty of Arts, the Dean of the Faculty of Agricultural Science, the Dean of the Faculty of Engineering, the Dean of the Faculty of Medicine and the Dean of the Faculty of Dentistry, who shall be members *ex officio*.
- (2) The Council may appoint as members of the Faculty a Reader or Senior Lecturer in each of the Departments in charge of a Professor after recommendation by the Professor in charge.
- (3) The Council, on the recommendation of the Faculty made for special reasons assigned by the Faculty in each case, may appoint from among Readers, Senior Lecturers, or Lecturers other persons to be members of the Faculty.
- (4) The Council may also appoint to be members of the Faculty not more than three other persons recommended by the Faculty.
- (5) Persons appointed by the Council to be members of the Faculty shall hold office until the end of the calendar year for which they are appointed, but shall be eligible for re-appointment after recommendation by the Faculty.
- (6) Not more than three members of the staff of any Department shall be members of the Faculty at the same time.

## AGRICULTURAL SCIENCE.

4. (1) The Faculty of Agricultural Science shall consist of the Chancellor, the Vice-Chancellor, the Elder Professor of Physics, the Angas Professor of Chemistry, the Professor of Botany, the Professor of Zoology, the Professor of Geology, the Professor of Biochemistry and General Physiology, the Waite Professor of Agricultural Chemistry, the Waite Professor of Agronomy, the Professor of Genetics, the Head of the Department of Bacteriology, the Heads of the Departments of Entomology, Plant Pathology, and Plant Physiology at the Waite Agricultural Research Institute, the Dean of the Faculty of Science, the Principal of Roseworthy Agricultural College and the Director of Agriculture, who shall be members *ex officio*.
- (2) The Council, on the recommendation of the Faculty made for special reasons assigned by the Faculty in each case, may appoint from among the Readers, Senior Lecturers and Lecturers other persons to be members of the Faculty.

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

## ENGINEERING.

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

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

## LAW.

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

## MEDICINE.

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

## DENTISTRY.

8. (1) The Faculty of Dentistry shall consist of the Chancellor, the Vice-Chancellor, the Director of Dental Studies, the Elder Professor of Physics, the Angas Professor of Chemistry, the Professor of Zoology, the Elder Professor of Anatomy and Histology, the Professor of Biochemistry and General Physiology, the Professor of Human Physiology and Pharmacology, the Marks Professor of Pathology, the Head of the Department of Bacteriology, the Reader in Prosthetic Dentistry, the Lecturer in Operative Dentistry, the Lecturer in Crown and Bridge Work, the Lecturer in Orthodontics, the Lecturer in Periodontics, the Lecturer in Dental Metallurgy, the Lecturer in Medicine, the Lecturer in Surgery, the Lecturer in Dental Materia Medica and Therapeutics, the Lecturer in Dental Surgery and Pathology, the Director-General of Medical Services, and the Chairman of the Dental Board, who shall be members *ex officio*.
- (2) The Council may also appoint to be members of the Faculty not more than three other persons recommended by the Faculty.
- (3) Persons appointed by the Council to be members of the Faculty shall hold office until the end of the calendar year for which they are appointed but shall be eligible for re-appointment after recommendation by the Faculty.

## MUSIC.

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

## ECONOMICS.

10. (1) The Faculty of Economics shall consist of the Chancellor, the Vice-Chancellor, the Dean of the Faculty of Arts, the Professor of Economics, the Bonython Professor of Law, the Professor of History and Political Science, the Elder Professor of Mathematics, the Reader in Commercial Studies and the Reader in Geography, who shall be members *ex officio*.
- (2) The Council may appoint as members of the Faculty
- (a) two Readers, Senior Lecturers or Lecturers from the Department of Economics and two Lecturers in Commercial Studies recommended annually by the Professor of Economics;

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

#### GENERAL

11. Each Faculty shall advise the Council on all questions touching the studies, lectures and examinations in the course of the Faculty.
12. Each Faculty shall annually elect one of their number to be Dean of the Faculty.
13. The Dean of each Faculty shall perform such duties as shall from time to time be prescribed by the Council and (amongst others) the following:
- (a) He shall, at his own discretion, or on the written request of the Chancellor or Vice-Chancellor, or of two members of the Faculty, convene meetings of the Faculty.
  - (b) He shall preside at all meetings of the Faculty at which he shall be present.
  - (c) Subject to the control of the Faculty he shall exercise a general superintendence over its administrative business.
14. When the Dean is absent from a meeting, the Faculty shall elect a Chairman for that occasion.

#### SUB-FACULTIES.

15. (1) The Faculties of Arts, Science and Engineering may each appoint a sub-Faculty, which shall consist of the Dean of the Faculty, and such Readers, Senior Lecturers and Lecturers in subjects of the curriculum of the Faculty as the Faculty may from time to time appoint.
- (2) If the Dean of the Faculty does not wish to act as Chairman of the sub-Faculty, the Faculty shall annually appoint the Chairman.
- (3) It shall be the duty of the sub-Faculty to perform such work as the Faculty may from time to time refer to it.

#### BOARD OF EXAMINERS.

16. The Board of Examiners in the subjects of the course of each Faculty shall consist of the Professors and Lecturers in those subjects, together with such examiners as may be appointed by the Council.
17. The appointment of examiners in Law in the subjects necessary for admission to the Bar shall be subject to approval by the Judges of the Supreme Court.

Allowed 17th January, 1952.



## Chapter XI.—Of Degrees.

1. Candidates who shall have fulfilled all the conditions prescribed by the Statutes and Regulations for any Degree shall be admitted to that Degree as hereinafter provided.

†1A. The fee for admission to any degree of Bachelor, whether Ordinary or Honours, shall be five guineas, provided that that fee shall cover both degrees of Bachelor of Medicine and Bachelor of Surgery.

\*2. Admission *ad eundem gradum* in the University may, at the discretion of the Council, be granted without examination to graduates of such Universities within the British Empire as the Council may from time to time approve. Such admission may also be granted to graduates of other Universities, provided that such graduates are, in the opinion of the Council, persons of distinguished merit or eminence, or have been appointed to any academic office in the University of Adelaide. Provided always that any applicant under this Statute shall give such evidence of his degree and his character as shall satisfy the Council.

3. Every candidate for admission to a Degree in the University shall be presented by the Dean of his Faculty at a meeting of the Council and Senate to be held at such time as the Council shall determine; but if the Council so approve any candidate may be admitted either *in absentia* or on attendance at a meeting of the Council only.

\*4. Any person who has completed the whole or part of his undergraduate course in a University or College recognised by the University of Adelaide may, with the permission of the Council, be admitted *ad eundem statum* in the University of Adelaide; provided that he shall give such evidence of his status and of his character as shall satisfy the Council.

5. Candidates who are admitted to a degree *ad eundem gradum* shall pay a fee of three guineas, and candidates admitted *ad eundem statum* shall pay a fee of two guineas, which shall include the fee for matriculation.

6. The following shall be the forms of Presentation for Admission to Degrees at the Annual Commemoration:

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

I present to you as a fit and proper person to be admitted to the Degree of . . . . . And I certify to you and to the whole University that he has fulfilled the conditions prescribed for admission to that Degree.

\* Allowed 8th December, 1938.

† Allowed 17th January, 1952.

## Form of Presentation for Graduates of Other Universities.

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

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

## Form of Admission to any Degree.

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

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

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

Allowed 2nd December, 1926.

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### 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, the Chairman of the Board of Commercial Studies, and such Professors or Lecturers as may be appointed by the Council.

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

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

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

He shall preside at the meetings of the Board.

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

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

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

(a) to dismiss such complaint;

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

(i) by admonishing the student complained against;

(ii) by inflicting a fine on such student not exceeding five pounds;

(iii) by administering a reprimand either in private or in the presence of any class attended by such student;

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

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

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

Allowed 2nd December, 1926.

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

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

#### A. The Angas Engineering Scholarship.

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

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

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

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

4. The scholarship shall be competed for biennially, in the month of June. If on any competition the examiners shall not consider any

‡ Allowed 23rd January, 1947.

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.

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

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

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

\* Allowed 30th November, 1933.

### B. The Angas Engineering Exhibitions.

10. There shall 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 throughout 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 exhibitioner 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

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

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

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

Allowed 6th December, 1922.

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

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

It is hereby provided that:

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

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

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

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

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

• Allowed 3rd January, 1935.

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 bursar shall be exempt from payment of all fees in the course for the Diploma in Commerce, including that payable on taking the diploma.

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 a longer period than that reasonably required in the opinion of the Council for the diploma course.

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 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 ceremonies of the University, graduates and undergraduates shall appear in academic dress.

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

3. The academic dress for graduates shall be:—

#### GOWNS.

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

#### HOODS.

- (a) *For Bachelors*: of black silk or stuff and partly lined with silk six inches wide of the colour of the Faculty.
- (b) *For Masters*: of black silk and entirely lined with silk of the colour of the Faculty.
- (c) *For Doctors of Philosophy*: of black silk entirely lined with scarlet.
- (d) *For Doctors* (other than of Philosophy): of scarlet cloth and entirely lined with silk of the colour of the Faculty.
- (e) In each case the shape shall be that used at Cambridge.
- (f) In each Faculty the colour of the lining shall be uniform for the degrees of Bachelor, Master, and Doctor.
- (g) The colour of the lining in the several Faculties shall be, in accordance with the specimens given in Ridgway's *Colour Standards and Nomenclature*, as follows:—
  - (i) Law—Sky Blue (Plate XX).
  - (ii) Medicine—Eosine Pink (Plate I).
  - (iii) Surgery—Eosine Pink (Plate I).
  - (iv) Dental Surgery—Salmon Colour (Plate XIV).
  - (v) Arts—Pale Violet Gray (Plate LII).
  - (vi) Science—Primuline Yellow (Plate XVI).
  - (vii) Agricultural Science—Orange Chrome (Plate II).
  - (viii) Engineering—Purple (True) (Plate XI).
  - (ix) Music—Cendre Green (Plate VI).
  - (x) Economics—Helvetia Blue (Plate IX).

## CAPS.

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

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

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

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

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

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

Allowed 8th December, 1949.

#### Chapter XIX.—Saving Clause and Repeal.

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

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

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

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

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

Provided that —

1. This repeal shall not affect —

(a) Anything done or suffered before the allowance and counter-signature by the Governor of these statutes under any statute or regulation repealed by these statutes; or

- (b) Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed; or
- (c) The validity of any order or regulation made under any statute or regulation hereby repealed; and

2. In particular, but without prejudice to the generality of the foregoing provisions, the repeal effected by these statutes shall not alter the rank, precedence, titles, duties, conditions, restrictions, rights, salaries, or emoluments attached to the Chancellorship or Vice-Chancellorship or to any Professorship, Lectureship, Registrarship, or other office held by the present Chancellor or Vice-Chancellor, or by any existing Professor, Lecturer, Registrar, or other officer.

Allowed 18th December, 1886.

#### Chapter XX.—Of The Roby Fletcher Prize.

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

The Roby Fletcher prize shall be £10 and shall be awarded annually to the best 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 in the manner specified in these Statutes, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum:—

1. The scholarships shall be called the Dr. Davies-Thomas Scholarships, and shall be competed for annually.

\*2. Each scholarship shall be of the value of £10, and shall be awarded to the student in each of the Third and Fourth Examinations of the M.B. course who shall be placed first in the list of candidates who pass with credit.

†3. The money shall be paid to the scholars at the next ensuing Commemoration.

4. These Statutes may be varied from time to time.

- ‡ Increased in 1934 to £600.  
 • Allowed 10th December, 1930. † Allowed 26th January, 1898.  
 Allowed 15th December, 1896.

#### Chapter XXII.—Of The Hartley Studentship.

Whereas the sum of £600 has been subscribed with the intention of founding a studentship in memory of the late John Anderson Hartley, Vice-Chancellor of the University of Adelaide, and Inspector-

General of Schools, and whereas the said sum has been paid to the University of Adelaide to be used and administered by it in fulfilment of such intention, and the University has decided in recognition of the services of the said John Anderson Hartley to the said University from its foundation until his lamented death in 1896 to supplement the income from the said sum, so as to give effect to the following scheme, it is hereby provided as follows:—

\*1. There shall be a studentship, to be called The Hartley Studentship, of the value of £25, open for competition every year to students intending to enter upon the course for the B.A., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree.

‡2. The Hartley Studentship shall be awarded in each year to the most successful candidate at the Leaving Honours Examination, provided that, in the opinion of the examiners, he is of sufficient merit.

§The award shall be determined by adding together the marks obtained in not more than five subjects of the Leaving Honours Examination.

3. The subjects for such examination and their relative value shall be from time to time determined by the Council.

\*4. Every Hartley Student shall forthwith, after the award of the studentship, commence his course, and shall diligently prosecute his studies for the B.A., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree. Half the amount of the studentship shall be paid when the student enters upon the course he has selected, and the other half when he has completed his first year, if, in the opinion of the Council, the student has done satisfactory work in that year. But if the Council shall decide, on the recommendation of the Faculty governing his course, that his work has not been satisfactory, the second payment may be suspended on such terms as the Council may decree, or may be declared forfeited.

5. These provisions shall be subject to alteration from time to time, in such manner as to the University shall seem fit.

\* Allowed 24th December, 1913.

† Allowed 7th December, 1927.

‡ Allowed 13th December, 1917.

§ Allowed 6th December, 1923.

Allowed 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

\* Allowed 11th December, 1941.

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 19 of the Degree of Bachelor of Laws and of the Final Certificate in Law.

† Allowed 3rd January, 1929.

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*.

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:

\* Allowed 11th December, 1947.

† Allowed 11th December, 1947.

- (a) Unless otherwise specially approved, all script shall be typed or printed on paper of quarto or foolscap size, but maps, drawings, photographs or other illustrations may be of any size or form approved. In both cases the necessary approval may be granted by the University Librarian.
- (b) The essay or thesis shall be bound, and the cover shall be entitled and lettered in accordance with specifications to be supplied by the Librarian.

The copy 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 three guineas, 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 7th December, 1927.

‡ Allowed 10th January, 1946.

¶ Allowed 10th January, 1946.

§ Allowed 7th December, 1932.

\*\* Allowed 14th December, 1950.



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

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

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

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

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

Allowed 27th December, 1899.

#### Chapter XXVII.—Of Diplomas and their Boards of Studies.

\*1. There shall be the following Boards of Studies:

- (i) The Board of Studies in Commerce and Public Administration;
- (ii) The Board of Studies in Pharmacy;
- (iii) The Board of Studies in Physical Education;
- (iv) The Board of Studies in Social Science;
- (v) 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.

- (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 of Commerce, which shall be awarded annually to the candidate for the Diploma in Commerce who, on completing the course for such Diploma, 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 medal if he fails to complete the course for the said Diploma within six years of his entering upon the course, except for special reasons to be allowed by the Council; nor shall any candidate be eligible if he has received exemption from examination in any subject.

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.

† Allowed 5th December, 1918.

\* Allowed 12th December, 1907.

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.

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#### 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.

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#### 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.

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**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 before the first day of March in each year to students who

†(a) have passed the Intermediate Commercial, or the Leaving Commercial, or the Leaving Examination of the University,

(b) are under the age of nineteen years on the first day of March in the year in which the award is made, and

† Allowed 12th August, 1915.

† Allowed 6th December, 1922.

\* Allowed 3rd January, 1929.



(c) are considered 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 before the first day of March in each year to students who

†(a) have passed the Leaving Commercial Examination of the University in the year immediately preceding the award,

(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. Each scholarship shall be tenable for five years, or such lesser time as the holder may take to complete the course for the diploma in Commerce. The value of each scholarship shall be sufficient to pay once only the fees for lectures and examination in each subject in the holder's course for the diploma and the fee for the conferring of the diploma.

5. Except by special permission of the Council, each scholar shall enter forthwith upon the course for the Diploma in Commerce, 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. In the event of a scholarship being forfeited as aforesaid, or lapsing or becoming vacant before the holder completes his course for the Diploma in Commerce, the scholarship shall not be reawarded.

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 6th December, 1922.

§ Allowed 3rd January, 1929.

‡ Allowed 12th August, 1915.

¶ Allowed 30th November, 1933.

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 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.

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

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

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 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 Arts 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 Arts, 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 Arts.

8. The thesis shall be presented within twelve calendar months from the date of the award, or such extended time as the Faculty of Arts 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 Arts 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.

† 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.

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.

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

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.

\* Allowed 11th December, 1924; amended 10th December, 1925.

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 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.

†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

• Allowed 10th December, 1919.

† Allowed 16th December, 1948.

•• Allowed 30th November, 1933.

† Allowed 10th December, 1925.

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 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 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.

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**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.

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**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 bursar shall be exempted from payment of all fees in the course for the Diploma in Commerce, including that payable on taking the Diploma.

3. He shall be in all respects subject to the discipline and to the Statutes and Regulations for the time being of the University.

4. He shall not, unless by special permission of the Council, retain the bursary for a longer period than five 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 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. The biography and the copyright therein, unless the Council shall decide otherwise, shall be the property of the University, and unless the Council shall decide for any reason that publication is not warranted or desirable, the biography shall be published by the University as soon as possible after the award, with such additions or alterations as the examiners may approve or require.

7. 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, 1947.

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 any ordinary subject for such degree, 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 15th December, 1937.

#### Chapter LX.—Of The 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. Candidates for the Honours degree of Bachelor of Arts in Philosophy or for the degree of Master of Arts shall be eligible for the prize, and the award will be made to the candidate whose work in Psychology and in social studies shows most promise.

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

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

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

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

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

Allowed 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.

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#### Chapter LXVIII.—Of The Lucy Josephine Bagot Prize.

Whereas the University has received from Walter Hervev 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.

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#### 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 £5,000 for the advancement of the study of Law and for the purpose of founding a scholarship in memory of his father, the Honourable Sir Richard Chaffey Baker, K.C.M.G., K.C., M.A., and of his brother, John Richard Baker, Esq., B.A., LL.B.:

It is hereby provided that:

1. There shall be a Scholarship of the annual value of £150 and tenable for two years, to be known as "The Baker Scholarship in Law."

2. The Scholarship may be awarded biennially, or more often if the income of the endowment permits, by the Council to a candidate who satisfies the conditions of this statute and is recommended for such award by the Faculty of Law.

3. A candidate for the Scholarship must have been admitted to, or have become entitled to be admitted to, the degree of Bachelor of Laws in the University of Adelaide.

4. Each recipient of the Scholarship shall be styled "The Baker Scholar" and shall, with a view to presenting a thesis for the degree of Master of Laws, pursue a course of study approved by the Faculty of Law.

5. Payment of the Scholar's stipend shall be made in equal quarterly instalments, and before each payment the Scholar shall satisfy the Dean of the Faculty of Law that he is diligently pursuing his course of study. The last two quarterly payments may, in the discretion of the Faculty of Law, be withheld until the Scholar has submitted his thesis for the degree of Master of Laws.

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

7. If the Faculty of Law shall not consider any candidate worthy of the award, no award shall be made.

8. This statute may be varied from time to time, but the general purpose of the endowment shall not be changed.

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.

### 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.

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.

• Passed by Senate, 28th March, 1894.

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.

#### 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.

† Passed by Senate, 26th July, 1922.

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.

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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 1951

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# THE ELDER CONSERVATORIUM OF MUSIC

## REGULATIONS

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

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

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

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

5. The academic year shall consist of four quarters, as follows:

(a) The first quarter shall begin on the seventh Monday in the year and shall continue for nine weeks.

(b) The second quarter shall begin on the sixteenth Monday in the year and shall continue for eleven weeks, including a vacation of two weeks beginning on the twenty-first Monday in the year.

(c) The third quarter shall begin on the twenty-seventh Monday in the year and shall continue for eleven weeks, including a vacation of two weeks beginning on the thirty-third Monday in the year.

(d) The fourth quarter shall begin on the thirty-eighth Monday in the year and shall continue for twelve weeks, including a vacation of three weeks beginning on the forty-third Monday in the year.

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

(a) PRINCIPAL SUBJECTS:

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

*Theoretical:* Harmony; Counterpoint; Composition.

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

(b) SECONDARY SUBJECTS:

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

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

8. Except in special circumstances approved by the Council, a student of a principal subject shall enter the Conservatorium for a minimum period of one year; and a student entering later than the second quarter in any year shall undertake to complete four quarters' work. The student, or if he be under the age of twenty-one years, his parent or guardian, shall give an undertaking to pay the fees for a year.

9. (a) The fee for one principal subject, with 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 attend regularly such series of lecture recitals and concerts in the Conservatorium as may be prescribed from time to time by the Director and shall pay at the beginning of each Conservatorium year the appropriate fee prescribed by the Council; provided that (a) a student currently enrolled in the course for the degree of Bachelor of Music or the diploma of Associate in Music shall be exempt from payment of the fee; and (b) upon written application to the Director a student may, for reasons deemed adequate by the Director, be exempted from such attendance and payment of such fee.

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 14th December, 1950.

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					
Musical Form and Analysis					
Ear Training, Musical Perception and Appreciation					
Ensemble Playing					
Orchestration					
French					
Italian					
German					
			each	1	1
					0
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 £1/1/- for the year 1951.

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 1948—

Gordon, John Murray (Organ).

Allgrove, Beatrice Jane (Violin).

Tobin, Ashleigh Hambridge (Pianoforte) (resigned).

Sawtell, Shirley Grace (Pianoforte).

Awarded for 1949—

Fearn, Barbara Peggy (Singing).

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).

### 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 171.

#### Awards.

For previous awards, see Calendars from 1934.

Awarded for 1942—

Lawrence, Monica Annie Mary (Singing).

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 176.

#### Awards.

For previous awards, see Calendars from 1924.

For 1945—

Hale, Una Rosalind (Singing) (resigned 1946).

Hakendorf, Clair Louise (Violin).

For 1947—

Creedy, Donald Robert Russell (Violin) (resigned 1948).

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).

### 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 191.

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).

### 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 191.

Awards.

1947—Hannell, Violet Lillian.

1948—Harrison, William.

1949—Bates, Marie Patricia.

1950—Moyse, Eve Ryder

1951—Petersen, Valda

### 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 192.

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 193.

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.

### 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.

1938—Woodroffe, Winifred Eunice.

1939—Bouquey, Iris Roma

1940—Hocking, Jack.

1941—Stacy, Edith.

### 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 196.

Awards.

For 1945—

Sawtell, Dorothy Helen.

For 1948—

Whitford, Pauline Marie Cecilia.

For 1951—

Perry, John William Joseph

### 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 197.

Award

For 1951—

Thiele, James

### 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 1948—

Cocking, Rae Denise (Singing).

For 1949—

Tonkin, Ruth Yvonne (Singing).

For 1950—

Martin, Peter (Singing).

For 1951—

Armstrong, Patricia Jean (Pianoforte)

Awarded for 1952—

Lower, Norene Merrylin (Singing).

## 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.



## 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, a daughter of Mr. Peter Waite, the Ranson Mortlock Trust, the gift of the late Mrs. Rosye F. Mortlock and Mr. J. T. Mortlock, part of the residuary estates of the late Mr. Hugh Hughes and of the late Mr. W. H. Sandland, and the estate of the late Mr. W. D. Grigg.

The estate lies on the scarp of the Adelaide foothills, within four miles of the city of Adelaide. Portion of the estate comprises wheat land, 280-390 feet above sea-level, whilst the remainder is representative of the hilly country at the foothills of the Mount Lofty Ranges. To the original estate have been added 92 acres by purchase, and a further area of 50 acres associated with the Urrbrae Agricultural High School is leased from the Education Department of South Australia.

The laboratories have been made possible through the generosity of the late Sir John Melrose and the families of the late Mr. John Darling and Mr. Frederick Ranson Mortlock. The John Melrose Laboratory was opened in 1929, the John Darling Laboratory in 1930, and the Ranson Mortlock Laboratory in 1938. A laboratory designed specially for undergraduate teaching and for biological research was added in 1948.

In addition to the laboratories, a range of glasshouses, two implement sheds, a cereal barn, and a wool shed have been erected since 1925. A 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 Division of Plant Industry and the Oenological Research Committee. A grant is received from the Wool Research Trust Account, and Imperial Chemical Industries, Ltd., has provided a research scholarship.

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 problems 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.  
 PLANT PHYSIOLOGY.  
 ECONOMIC ENTOMOLOGY.  
 AGRICULTURAL CHEMISTRY AND SOIL SCIENCE.

The 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:**

H. C. Trumble, D.Sc. (Waite Professor of Agronomy).  
 K. Woodroffe, B.Ag.Sc. (Senior Agronomist).  
 W. E. Bond, B.A.  
 D. R. Bathe, M.Ag.Sc.  
 J. N. Black, B.A.  
 D. E. Symon, B.Ag.Sc.  
 C. R. Kleinig, B.Ag.Sc.  
 B. A. Roark, B.Sc.  
 Enid L. Robertson, B.Sc. (Part-time).

**GENETICS AND PLANT BREEDING:**

D. G. Catcheside, M.A., D.Sc., F.R.S. (Professor of Genetics).  
 A. T. Pugsley, M.Sc. (Senior Geneticist and Plant Breeder).  
 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.

N. G. Marinos, B.A., M.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.

## 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.

The upper floor of the Institute is at present placed rent free 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 (£50,000 for 1951-52). It also has an income of about £12,000 from fees for private examinations, and the research work carried out is assisted by grants from the National Health and Medical Research Council.

The main laboratory building cost approximately £42,000, the animal house £4,000, 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. In 1941 additional accommodation for larger animals was provided at an approximate cost of £2,000. Part of the cost was defrayed by Lady Parsons and part by the Government of South Australia.

#### COUNCIL

Sir Trent Ch. de Crespigny, D.S.O., M.D., F.R.C.P., F.R.A.C.P.,  
Chairman.  
J. W. Rollison, M.B., B.S., Deputy Chairman.  
J. Keith Angas.  
E. R. Dawes, J.P.  
E. Britten Jones, M.A., M.B., B.S., F.R.C.P., F.R.A.C.P.

#### STAFF

##### Director—

J. Orde Poynton, M.A., M.D., B.Ch. (Camb.), M.R.C.S. (Eng.),  
L.R.C.P. (Lond.).

##### Deputy Director—

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

##### Medical Research—

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

Research Assistant: L. Joan Stokes, B.Sc.

Research Assistant: D. W. Howes, B.Sc. (National Health and Medical Research Council).

##### Clinical Research—

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

##### Surgical Research—

Surgical Research Officer: P. S. Hetzel, M.B., B.S.

##### Bacteriology—

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

Assistant Bacteriologist: Suzanne F. Mander, B.Sc.

Graduate Assistant: D. Ruth Keynes, B.Sc.

##### Biochemistry—

Biochemist: Joan B. Paton, M.Sc.

Assistant Biochemist: Cynthia W. Wincey, B.Sc.

##### Clinical Pathology—

Clinical Pathologist: James A. Bonnin, M.B., B.S.

Assistant Clinical Pathologist: Vacant.

(Royal Adelaide Hospital appointment.)

Assistant Clinical Pathologist: Vacant.

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

##### Histopathology—

Histopathologists: J. Orde Poynton, M.D. (Cambridge), M. C.

Fowler, M.D., B.S. (Anti-Cancer Committee, University of Adelaide).

Assistant Pathologist: R. Osmond, M.B., B.S.

## Veterinary Pathology—

Senior Veterinary Pathologist: P. S. Watts, Ph.D., Dip.Bact.,  
F.R.C.V.S.

Veterinary Pathologist: M. F. Pulsford, B.V.Sc. (Sydney), H.D.A.

Veterinary Pathologist: J. A. W. Banks, B.V.Sc.

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

## Honorary Consultants—

Professor Sir Kerr Grant, M.Sc. (Melb.), F.Inst.P.

Professor M. L. Mitchell, M.Sc.

E. McLaughlin, M.B., B.S., M.R.C.P. (London).

S. W. Pennycuik, D.Sc.

Charles S. Swan, M.D., D.Sc., D.O.M.S., R.C.P. (Lond.), R.C.S.  
(Eng.).

## Research Assistants—

J. M. Dwyer, M.B., B.S. (Honorary.)

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

Noel J. Bonnin, M.B., B.S., F.R.C.S., F.R.A.C.S.

## SECRETARY:

D. A. Downs, J.P., 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 four-fold in the first ten years.

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. Since the beginning of 1938 the State Government has also contributed £3,000 a year to maintain the routine work of diagnosis and treatment at the Hospital Clinic.

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), two full-time assistants to the physicist, three 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

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

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

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

Assistant Medical Officers:

Dorothea Smith Heitman, M.B., B.S.

John Smith Heitman, 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 accommodation has been increased on a number of occasions, so that there is now provision for nearly 100 resident tutors and students.

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 a bequest by the late Mr. Sidney Wilcox of his house and grounds at Brougham Place, North Adelaide, and the sum of £5,000 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 an adjoining house on the north side which has since been 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 and Mr. R. H. Chapman Chairman of the Finance Committee.



For further information, and for forms of entry, application should be made to

The Principal—Miss F. M. Harding, Ph.D., St. Ann's College,  
Brougham Place, North Adelaide,

or to

The Secretary and Bursar—L. T. Ewens, A.U.A., F.C.A. (Aust.),  
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. There is now accommodation for about 40 resident students.

With the approval of the University Council, the College was opened in 1950, 20 students being accepted in that year.

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. T. McCabe, D.D., Bishop of Port Augusta, 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 C. P. Finn, S.J., M.A., Dip.Ed., and the Bursar is Mr. P. D. O'Brien, Chartered Accountant, Verco Building, 178 North Terrace, Adelaide.

## LINCOLN COLLEGE

In 1951, the Methodist Church of Australia, South Australian Conference, acquired a property in North Adelaide and laid plans for the establishment and opening of Lincoln College as a residential college affiliated with the University of Adelaide in 1952. The College was incorporated and the University granted affiliation; and at the end of 1951 arrangements for the opening of the College in 1952 were actively proceeding.

For further information, application should be made to The Master, Lincoln College, Brougham Place, North 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 1951 edition being on sale at 37/6d. to the ordinary public or 25/- to members of the staff of the University, as well as institutions connected therewith, including Halls of Residence and Students Unions (postage and packing 1/- 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 164):—

- 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.
- \* 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

The Council has accepted the offer of the Commonwealth Institute of Accountants to provide the sum of £30 a year for five years for the purpose of promoting an annual public lecture on some aspect of Accountancy. 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.

## UNIVERSITY TUTORIAL CLASSES

The University Tutorial Classes were established by the University in 1917 to provide facilities in University 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 write fortnightly essays on subjects prescribed by the tutor, and to give a pledge that they will attend regularly throughout the full course, unless prevented by ill-health, employment, absence from the State, or other unavoidable cause.

In addition, lecture classes and study circles are provided; these classes also meet 24 times a year, but students are not obliged to do written work.

The Joint Committee provides a library, and students pay a fee of 5/- a year, for each class.

Syllabuses and further information may be obtained on application to the Tutor in Charge of Tutorial Classes, The University, Adelaide, or to the General Secretary of the Workers' Educational 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 1952, provided that sufficient students enrol for each class:—Biology, Botany, Chemistry, Economics, Economic Geography, Education, English Language and Literature, French, Geography, Geology, History, Latin, Mathematics, Philosophy, Political Science, and Psychology.

2. The Education Department has established Studentships for the encouragement of such students (for details see Evening Studentships, page 248).

## 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	1947-1951	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.

1948	Gilding, Kevin Rex	1950	Ryan, Helen Mary W.
1949	Woods, Warren Bruce	1951	Waterhouse, George 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.

1948	Gibson, Graham Coyne	1950	Proudman, Dorothy Mena
1949	Power, Frances Maureen	1951	Taylor, Jennifer Ann

### 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 152.

#### Awards.

For previous awards, see Calendars from 1904.



## Prizemen:

- |      |                       |      |                      |
|------|-----------------------|------|----------------------|
| 1948 | Wall, Barbara Deane   | 1950 | Gilbertson, Nannette |
| 1949 | Felgenhaur, Robert F. | 1951 | Whyte, Jean Primrose |

## 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.

- |      |                          |      |                          |
|------|--------------------------|------|--------------------------|
| 1946 | Beckwith, Anne C., B.Sc. | 1948 | Whyte, Phyllis Primrose  |
| 1947 | Pearce, Edna Marie       | 1949 | Smith, Valerie Denise    |
|      | <i>Prox. acc.:</i>       | 1950 | No award                 |
|      | Young, Aileen            | 1951 | Gosse, Fayette Constance |

**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.

## Award.

- 1951 Marks, Monica Mary

**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 169.

For 1952 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.

Awards.

For previous awards, see Calendars from 1938.

1947	{ Blackburn, Margaret Alison	1949	McNeil, Philippa Florence
		Rendell, Margaret Patricia	1950
1948	Johnson, Margaret Isobel	1951	Gregory, Janet Phillis

**The Violet de Mole Memorial Fund.**

RULES

The sum of £256 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 £2 2/-, 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

- 1949 Selth, Geoffrey Poole      1951 Watson, Edna Madge  
 1950 Johnson, Margaret Isobel

**The Fred Johns Scholarship for Biography.**

For conditions of award, see Statutes, Chapter LV, page 183.

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.

## Award.

- 1938 Brown, H., M.A., B.Ec.

**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 165.

## Awards.

For previous awards, see Calendars from 1913.

- 1947 Pike, Douglas Henry      1949 Tregonning, Kennedy G. P.  
 1948 Duncan, Ross              1950 Forbes, Alexander J. deB.

**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 English 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.

## Award.

- 1951 Waterhouse, George Saville.

### 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.

1947	{ Opie, Roger Gilbert	1949	Forbes, Alexander J, deB.
	{ Cameron, Roy James		<b>Special Prizes:</b>
	{ Hill, Malcolm Robert		Lewis, Robert Brook
1948	{ Rodbourn, Arthur		Rendell, Margaret Patricia
	{ Simmons, Donald William	1950	Penny, David Harry

### 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 158.

#### Awards.

For previous awards, see Calendars from 1904.

1947	Nilsson, Neil Alfred	1949	Duguid, Andrew Melville
	<i>Prox. acc.:</i>		<i>Prox. acc.:</i>
	Jose, Anthony Douglas		Counsell, Ruth Kingsley
1948	Weston, Frank Keith	1950	Vickery, Margaret
		1951	Best, Effie Deland

### 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.

#### 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 187.

#### Awards.

- |      |                          |      |                         |
|------|--------------------------|------|-------------------------|
| 1940 | Broomhead, Edwin Norman, | 1947 | Worthley, Boyce Wilson, |
|      | M.A.                     |      | 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 173.

#### Awards.

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

### Postgraduate Scholarships in Arts.

Since 1938 the Council has offered each year a sufficient number of postgraduate scholarships in the Faculty of Arts to provide not more than six scholarships current in any one year. The scholarships are designed primarily for candidates who have just graduated and are awarded on the basis of work done in the course for the Honours degree, including the final examination. The awards are made by the Council on the recommendation of the Faculty. Each scholarship is of the annual value of £300.

The holder of a scholarship is required (i) to pursue an advanced course of study approved by the Faculty; and (ii) to do such tutorial work or lecturing as the Faculty on the recommendation of the Professor may prescribe.

A scholarship is awarded for either one or two years as the Council, on the recommendation of the Faculty, may determine in each case. When a scholarship is awarded for two years, the second year's tenure is contingent upon a favourable report by the Faculty on the scholar's work during the first year. In special circumstances the period of tenure may be extended for a third year, but not longer.

A scholar may not undertake any other paid work except with the consent of the Faculty.

#### Awards.

For previous awards, see Calendars from 1944.

- |      |  |
|------|--|
| 1947 | Blackburn, Rosemary Neville, B.A. (English). |
|      | Cheek, Bruce Mansfield, B.A. (Economics).    |
|      | O'Connor, Denise Christobel, B.A. (English). |
|      | Whillas, Jean Kathleen, B.A. (English).      |
|      | Woodward, Barbara, B.A. (French).            |

- 1948 Muecke, Douglas Colin (English).  
 O'Connor, Denise Christobel (English).  
 Reynolds, Lilo (English).  
 1949 Wall, Barbara Deane (English)  
 1952 McKinnon, Heather (English)

### 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 177.

#### Awards.

For previous awards, see Calendars from 1930.

- |      |                             |      |                             |
|------|-----------------------------|------|-----------------------------|
| 1944 | Harris, Jack R., B.Sc.      | 1949 | Jeffery, Margaret W., B.Sc. |
| 1947 | Robinson, Mary Kelly, B.Sc. | 1951 | Martin, Peter Gordon        |

#### 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 169.

#### Awards.

For previous awards, see Calendars from 1914.

#### Scholarships.

- |      |                      |      |                      |
|------|----------------------|------|----------------------|
| 1948 | No award             | 1950 | No award             |
| 1949 | Martin, Peter Gordon | 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	1950	No award
1948	May, Lancelot Harris	1951	Martin, Peter Gordon
1949	Rayson, Patricia		

**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 182.

Awards.

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

**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.

Awards.

For previous awards, see Calendars from 1932.

1947	Wilson, Allan F., M.Sc.	1949	Howard, Peter Felix
1948	Rattigan, John Herbert	1951	Reynolds, Maxwell A.

Approved by the Council November, 1931, and June, 1933.

### 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 167.

#### 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 189.

#### Awards.

1945	Bowes, Donald Ralph, B.Sc.	1949	Spry, Alan Herbert, B.Sc.
1946	Riedel, William Rex	1951	White, Allan James R.

## 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 149.

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.

1936	Gerny, John Seavington, B.E.	1948	Crompton, James W., B.Sc. (Eng.)
1938	Whittle, Donald George, B.E.		
1946	Paterson, Mervyn S., B.E.		Mitchell, Leigh H., B.E.
	<i>Prox. acc.:</i> Hosking, Norman G.	1950	Crisp, John D. C., B.E. Kaneff, Stephen D., B.E.

### The Angas Engineering Exhibition.

There are four exhibitions, each of the value of £15 per annum, tenable for four years by undergraduates in Engineering or Science. For conditions, see Statutes, Chapter XIII, Sections 10 to 17, inclusive, page 151.

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.

1947 Vawser, Keith Derwent	1949 Matthew, Ian G.
1948 Redway, John A. G.	1950 Wall, Brian Henry

#### The 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 186.

#### Awards.

For previous awards, see Calendars from 1943.

1948 Rose, Gordon Albert	1950 Hawes, Brian Richard A.
1949 Hayward, John	1951 Vawser, Keith Derwent

#### 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.

1939	Young, Michael Quinn	1948	Stanley, Allen David
1941	Excell, John Eliot, B.E.	1949	Purdam, Irving
1947	{ Cowley, George Richard Kaneff, Stephen Dimitov	1950	Rose, Gordon Albert
		1951	Wright, Russell Francis

**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	1951	Whittle, Harry Reed
1950	Benjaminson, Albert		

**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.

1948	Leske, Clive William	1950	Hopkins, John McEwan
1949	Bowden, Kevin Benjamin	1951	Melbourne, John Clifford

**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

- |      |                     |      |                      |
|------|---------------------|------|----------------------|
| 1949 | Poole, Richard John | 1951 | Huckson, Ernest John |
| 1950 | Rose, Gordon Albert |      |                      |

**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 153.

## 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 |      |                         |
|      | { White, James Michael    |      |                         |

**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 Campbell | 1945 | Wells, William Andrew Noye |
|      | { Palmer, Ernest William   |      |                            |

**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 186.

## Awards.

For previous awards, see Calendars from 1945.

- |      |                       |      |                         |
|------|-----------------------|------|-------------------------|
| 1948 | White, James Michael  | 1950 | White, James Michael    |
| 1949 | Olsson, Leslie Trevor | 1951 | 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.

## Award

- |      |                      |
|------|----------------------|
| 1950 | White, James Michael |
|------|----------------------|

### 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 181.

#### 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.

1946	} Burdett, John Charles Roder, John Herbert	1948	O'Sullivan, James David
1947		Matheson, Roderick Grant	1949

### 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.

### FACULTY OF MEDICINE

#### 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	1951	Gluyas, Maxwell Allan
	<i>Prox. acc.:</i> Porter, Robert		<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

### 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 158.

#### Awards.

For previous awards, see Calendars from 1911.

1948	{	Hodge, Philip Richard (Third Examination).	}	(Fourth Examination)
		Hoare, Lucas Lahondie Simpson, Robert Allen		
1949	{	Bentley, Alan	}	(Third Examination)
		Stoutjesdijk, Albertus Diederick Johan		
		Smith, Ian Darian (Fourth Examination)		
1950	{	Broadbent, Ian Nicholas (Third Examination)	}	
		<i>Prox. acc.:</i> Bennett, Richard Clayton		
		Webster, Stanley George (Fourth Examination)		
1951	{	Pak Poy, Reginald Kenneth Felix (Third Examination)	}	
		Last, Peter Murray (Fourth Examination)		

### 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

1949 Smith, Ian Darian                      1951 Last, Peter Murray  
1950 McKinnon, Ross Charles

**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.

**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 184.

Awards.

For previous awards, see Calendars from 1942.

1946	{ Love, Clement Vernon	1950	Smith, Ian Darian
	{ Milton, Gerald White		<i>Prox. acc.:</i>
1948	Furler, Ian King		Levitt, Solomon
1949	{ Wilson, John Grenell	1951	Hodge, Philip Richard
	{ Simpson, Donald Allen		<i>Prox acc.:</i>
			Sheedy, Redmond Stuart P.

**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 175.

Awards.

For previous awards, see Calendars from 1923.

1948	Way, Neville James	1950	Handby, Harold Arthur
1949	Bell, Franklyn Gilbert	1951	Davenport, John

### 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 153.

#### Awards.

For previous awards, see Calendars from 1904.

1948	No award	1950	Black, Nancy Helen B.
1949	Simpson, Donald Allen	1951	Jones, Robert Britten-

### 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 173.

#### Awards.

For previous awards, see Calendars from 1939.

1948	{ O'Connor, Diana Jeanne Simpson, Donald Allen	1950	Jessup, Allan Aubrey
			<i>Prox. acc.:</i>
1949	Smith, Ian Darian		Symes, William David
	<i>Prox. acc.:</i>	1951	Allen, Thomas Howard
	Phillips, Colin William		<i>Prox. acc.:</i>
			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.



## Awards.

For previous awards, see Calendars from 1937.

- |      |     |                         |      |                         |
|------|-----|-------------------------|------|-------------------------|
| 1948 | I.  | Waddy, John Lane        | 1950 | Hodge, Philip Richard   |
|      |     | <i>Prox. acc.:</i>      |      | <i>Prox. acc.:</i>      |
| 1949 | II. | Hasenohr, Geoffrey      |      | Dineen, Desmond Patrick |
|      |     | Plueckhahn, Vernon D.   | 1951 | Handley, Donald Alfred  |
|      |     | Taylor, Michael Gleeson |      | <i>Prox. acc.:</i>      |
|      |     | McKellar Stewart,       |      | Sando, Maurice James W. |
|      |     | Alastair Keith          |      |                         |

**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 188.

## Awards.

For previous awards, see Calendars from 1944.

- |      |                       |      |                        |
|------|-----------------------|------|------------------------|
| 1947 | Milton, Gerald White  | 1950 | Vivian, Arthur Bryan   |
| 1948 | Maddern, John Pearce  | 1951 | Jones, Robert Britten- |
| 1949 | Simpson, Donald Allen |      |                        |

**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 188.

## Awards.

- |      |                       |      |                      |
|------|-----------------------|------|----------------------|
| 1947 | Miller, Robert Lionel | 1950 | Tennant, Maxine Rita |
| 1948 | Jarvis, Ronald Harris | 1951 | Davenport, John      |
| 1949 | Simpson, Donald Allen |      |                      |

**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 188.

## 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.

- |      |                       |      |                       |
|------|-----------------------|------|-----------------------|
| 1948 | Hicks, Dene Alan      | 1950 | Black, Nancy Helen B. |
| 1949 | Plueckhahn, Vernon D. | 1951 | Symes, William David  |

**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 185.

## 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.**

The Council has accepted the offer of the Hoffmann-La Roche Company, Ltd., of Basle, Switzerland, to provide the following prizes to encourage the study of Pharmacology:—

A Junior Hoffmann-La Roche prize of £5 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 Hoffmann-La Roche prize of £15 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 £5 may be awarded.

The Company has also arranged to provide, for a limited period, facilities in their laboratories in Basle for a research worker in Pharmacology recommended by the Council. D. 165/30.

## Awards.

For previous awards, see Calendars from 1937.

- |      |   |
|------|---|
| 1935 | Junior Prize: Miller, Ian Lindemann             |
| 1936 | Junior Prize: Motteram, Reginald, B.Sc.         |
| 1937 | Senior Prize: O'Connor, Walter John, M.B., B.S. |
|      | Junior Prize: Nichterlein, Otto Erhardt, M.A.   |
| 1938 | Junior Prize: Andrew, Hugh Graham               |

*Prox. acc.:*

Lampard, Dudley John

**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.

- |      |                      |      |                        |
|------|----------------------|------|------------------------|
| 1947 | Morgan, Eric Desmond | 1950 | McKinnon, John Desmond |
| 1948 | No award             | 1951 | Henning, Frederick R.  |
| 1949 | Kennare, Hugh Daley  |      |                        |

### 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 Calendar for 1945.

1946	McGrath, Ivan Stanley	1949	No award
1947	Bills, Malcolm Bruce	1950	Kennare, Hugh Daley
1948	Morgan, Eric Desmond	1951	Tanko, Robert Seymour

### 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 170.

#### Awards.

(BY THE UNIVERSITY.)

For previous awards, see Calendars from 1919.

1947	Scott, Enid May	1949	Russell, Judith Pamela
1948	Hosking, Kathleen Valerie	1950	Wickstein, Robert D.

#### 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 179.

#### Awards.

1940	Wray, Frank Lindon	1947	Thompson, James Andrew
1941	Harnett, William Edwin	1951	Wheaton, Roger Phillip

#### The Archibald Mackie Bursary.

This bursary was founded in 1915 in memory of the late Archibald Mackie, formerly Secretary of the S.A. Commercial Travellers' Association.

For conditions, see Statutes, Chapter XVIc, page 155.

#### 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 164.

Awards:

For previous awards, see Calendars from 1913.

1948	Harris, Frank Randall	1950	Williams, Kenneth Douglas
1949	Tucker, Colin Pryor	1951	Ewing, William John M.

**The Commonwealth Institute of Accountants Prizes in Accountancy.**

RULES

The Council having accepted the offer of the Commonwealth Institute of Accountants to provide the sum of £30 a year for five years for the purpose of providing prizes in Accountancy, the following rules are hereby made:

1. The Prizes shall be known as The Commonwealth Institute of Accountants Prizes in Accountancy.
2. Two prizes, each of the value of £15, shall be offered annually for five years beginning with the year 1947.
3. 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.
4. Each prizeman, before being paid the value of the prize, will be required:
  - (a) 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 Lecturer in charge of Accountancy; and
  - (b) if he has not already completed the whole course for the diploma in Commerce, to give a written undertaking that it is his intention to do so.
5. 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.

1947	Delaney, Kevin Michael (Accountancy I).
	Tucker, Colin Pryor (Accountancy II).
1948	Wilton, James Hardy (Accountancy I).
	Harris, Frank Randall (Accountancy II).
1949	Hosking, Kathleen Valerie (Accountancy I).
	Wilton, James Hardy (Accountancy II).
1950	Ramsey, Ronald Cecil (Accountancy I)
	Dahlenburg, Robert Louis (Accountancy II)
1951	Wheatley, Peter John (Accountancy I)
	Soar, Dudley Turner (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 1950 Swanson, James Baikie  
1949 Hartwig, Reginald Leslie 1951 Sulan, Charles

### 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.

#### Award.

1952 Robertson, David S., M.Sc. (Manch.), B.Sc. (Adel.)

#### 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 167.

#### 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.

- |      |   |
|------|---|
| 1947 | { ARTS—French—Pash, Jeffrie Herbert, B.A.<br>LAW—Ligertwood, Neill Coutts }<br>Moran, Francis Brian } |
| 1948 | ARTS—Wells, Elizabeth Anne  |
| 1949 | LAW—Bennett, Henry Trevor<br>Forster, William Edward Stanley  |
| 1950 | { ARTS—Selth, Geoffrey Poole<br>LAW—White, James Michael<br>Brebner, Donald Malcolm }                 |
| 1951 | Arts—Johnson, Margaret Isobel<br>Mills, John Murray   |

**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 173.

## Awards.

For previous awards, see Calendars from 1923.

- |      |   |      |                     |
|------|---|------|---------------------|
| 1936 | Mercer, Edgar H., B.Sc.                                       | 1950 | McCarthy, Ian John  |
| 1937 | Olssen, Edwin Alexander                                       | 1951 | Walker, Ian Saville |
| 1939 | Vowels, Rex E., B.E.  |      |                     |
| 1940 | { Crisp, Leslie Finlay, B.A.<br>Smith, William I. B., B.Sc. } |      |                     |

### The Eric Smith Scholarship.

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

For conditions, see Statutes, Chapter XVIIb, page 154.

#### Awards.

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

### 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, 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 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 University, of terminating the tenure of such scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia shall be accepted by the said University as sufficient evidence as well as the right of the person by whom any such certificate shall purport to be signed to sign it and to do the act mentioned therein, as of the fact that the alleged act has been duly done.

As amended by Council, June, 1922.

#### FORMS OF CERTIFICATES.

To the University of Adelaide.

Lodge St. Alban hereby certifies that  
is the son (or daughter) of  
who was (or is) a worthy member of the Ancient Fraternity of Free and Accepted Masons under the Grand Lodge of South Australia, and hereby nominates the said  
as a person to whom the University shall award a St. Alban Scholarship. The said scholar-designate is to study for the degree of Bachelor of

Dated at Adelaide this                      day of                      in  
the year 19

(Lodge Seal.)

Signed,

Master of St. Alban Lodge.

Signed,

Secretary of St. Alban Lodge.

To the University of Adelaide.

Lodge St. Alban hereby certifies that it has determined the tenure  
by \_\_\_\_\_ of the St. Alban  
Scholarship, and has substituted  
in the room of the said \_\_\_\_\_

Dated at Adelaide the \_\_\_\_\_ day of \_\_\_\_\_ in  
the year 19 \_\_\_\_\_

(Lodge Seal.)

Signed,

Master of Lodge St. Alban.

Signed,

Secretary of Lodge St. Alban.

#### Awards.

For previous awards, see Calendars from 1921.

1925	Bleby, Dorothy Aileen	1938	Andrew, Hugh Graham
1928	Hall, Marjorie Gertrude	1942	Rounsevell, James Corryton
1931	Jolly, Bertram Morris	1946	Perritt, Lance Victor

#### 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.

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 158.

## Awards.

For previous awards, see Calendars from 1911.

1947	McCarthy, Ian Ellery	1949	Porter, Robert
1948	Baker, Irvine Noel	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.

(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 £10 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 £20 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. 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 £25 per annum plus a boarding allowance at the rate of £25 per annum in respect of such period of time (if any) as his permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense.

(3) If a student who has been paid the allowances referred to in paragraph (2) does not pass the Leaving Honours Examination, his Bursary shall lapse unless he produces a certificate from the Head Master of his school that he is fitted to enter upon a University Course, in which case he shall be permitted to retain the Bursary.

20. A student holding a Leaving Bursary whose entry to the University has been postponed will not be eligible to compete for an Honours Bursary while holding a Leaving Bursary, but his name will be included in order of merit in the Leaving Honours list.

21. Payment of Bursaries shall be made in instalments. A bursar must present a certificate of diligence and proficiency in a form prescribed by the Director and payment may be reduced or withheld altogether if such certificate is not satisfactory to the Director.

22. Application from intending competitors must be received in the Education Office on or before the 31st day of October of the year in which they compete, and must be on the official form.

23. In the event of a Bursary lapsing or being forfeited, the money may be used within twelve months of such lapse or forfeiture, either in providing an additional Leaving Bursary or Honours Bursary, as the case may be, or as the Minister directs.

For awards, see the Manual of the Public Examinations Board.



### Evening Studentships.

24. Studentships will be offered annually for competition by persons attending or proposing to attend evening lectures at the University or the School of Mines with a view to graduating or securing a diploma. These studentships shall, as a general rule, be awarded to candidates whose occupations or circumstances prevent them from attending the day lectures, but the Minister may award not more than one-fourth of the whole number of studentships to candidates whose employers allow them time to attend day lectures during working hours.

25. The value of each studentship shall not exceed £10 for a science or engineering student, or £7 for any other student, and shall in no case exceed the outlay necessary for lecture and examination fees, text-books, and material; and the total value of the studentships granted in any one year shall not exceed £180.

26. Nine of such studentships shall be offered to students studying or intending to study for a degree in science or engineering, and thirteen to students studying or intending to study for any other degree or for a diploma. Provided that if in any year the number of applicants of sufficient merit does not allow of these proportions being maintained, the same may be varied, or the full number of studentships not awarded, at the discretion of the Minister.

27. Of the studentships offered for science or engineering, three shall be offered to students entering upon their course, two to students who have completed one year of study, two to students who have completed two years of study, and two to students who have completed three years of study. In the competition for the other studentships, five shall be offered to students entering upon their course, three to students who have completed one year of study, three to students who have completed two years of study, and two to students who have completed three years of study. Provided that if in any year the number of applicants of sufficient merit does not allow of these proportions being maintained the Minister may vary the same at his discretion.

28. Candidates for the first-year studentships must be between the ages of 16 and 25 years on the first day of January of the year of entry, and must have been resident in South Australia for at least one year immediately preceding that date. Candidates for the other studentships must comply with similar conditions, one year of age being added for each year of the course studied.

29. Should an examination be necessary for the award of the first-year studentships, the subjects of such examination shall be fixed by the Director. Such examination shall be qualifying, not competitive, and the studentships shall be awarded to such candidates as, in the opinion of the Minister, show the most promise, taking into consideration the previous opportunities and present circumstances of the candidates.

30. The subjects of examination for the studentships to be awarded for each year other than the first shall be such as have been respectively studied by the candidates during the preceding year.

31. Such portions of the studentships as are necessary to pay the fees and the cost of the prescribed text-books shall be paid at the beginning of each term. Students other than those entering on their course must satisfy the Director that they have diligently and regularly attended the prescribed lectures. The Minister may cancel the studentship awarded to any student who has, without reasonable excuse, failed to attend such lectures, diligently and regularly.

32. Candidates for any of these studentships, whether they have already held one of them or not, must apply to the Director of Education in writing on or before 28th February of the year in which the applicant desires to hold the studentship. Each candidate should state:—

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

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

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

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

## GENERAL INFORMATION.

### The Rhodes Scholarship.

#### GENERAL REGULATIONS.

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

1947	Hosking, Norman G.	1950	Dowding, Alan Lorimer
1948	Potts, Renfrey Burnard	1951	Opie, Roger Gilbert
1949	Jose, Anthony Douglas	1952	Ashwin, Charles Robin

### 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.

#### **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.**

Before the recent war the Australian and New Zealand Passenger Conference granted three first-class return passages to London annually to students wishing to continue postgraduate study abroad. The passages were available during the months from June to November. Conditions of award and forms of application could be obtained from the Registrar, with whom applications had to be lodged by March 20. The scheme was suspended for the duration of the war, and has not yet been re-instituted.

**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. Its more specific objects, 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 of 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 the students;
- (e) to use its influence to promote the social aspects of University life among the faculty, students, and graduates, 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 the students;
- (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 upon payment of the annual subscription of ten shillings and sixpence. Subscriptions should be paid to the Secretary of the Adelaide University Union (Mr. K. T. Hamilton, Union Office, The University).

The Graduates' Association is now amalgamated with the Adelaide University Union, and is called the Graduates' Union. Under the amalgamation graduate members have the right to use the Union buildings, including the refectory and cafeteria, and possess other privileges.

The Graduates' 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.

### 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. By paying the annual subscription to the Union any woman student is entitled to the use of the Lady Syrmon 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. It acts as a liason body between student societies and organizations and the University Union and University authorities.

It publishes the student paper "On Dit" and an annual literary journal "Phoenix." 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, Intersvarsity 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, 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, a representative appointed by the Master of St. Mark's College, a representative appointed by the Rector of Aquinas College, a representative of St. Ann's College, a representative appointed by the University Union, a representative of the life members of the Association, the honorary secretary of each amalgamated club, and the Registrar or some permanent official of the University appointed by the Council. There is also a permanent

Secretary, who attends at his office at the Union Building from 9 a.m. to 5 p.m. daily, Saturdays excepted.

Membership is open to graduates of the University of Adelaide, or of any other recognised University, and undergraduates of the University of Adelaide, or any person who has taken, or is attending lectures for the purpose of taking, a diploma or certificate of the University of Adelaide.

Membership of the Association entitles the member to take full part in the activities of any or all of the Association's constituent clubs, including the use of the oval, the boats and boathouse, and the material used in the various games. The Association thus provides ample facilities for participating in an important aspect of student life.

#### University Sports Ground.

For many years the Adelaide City Corporation has leased a recreation ground of 10 acres of park lands to the University, 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.

#### Adelaide University Student Christian Movement.

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.**

Founded 1929.

The object of the Society is to gather together Roman Catholic graduates and undergraduates of the University to discuss the problems of modern life and thought in the light of their Faith, to relate their Faith to their University life, to deepen their spirituality and fervour, to present the Roman Catholic viewpoint within the University on philosophical, social and moral problems, and to foster their social and general interests.

In November, 1946, on the application of the Archbishop of Adelaide, Aquinas College Incorporated was affiliated by statute with the University as a residential college for Roman Catholic students.

In 1948 by a singular piece of good fortune the College was able to acquire "Montefiore," the residence for many years of the late Chief Justice Way, who was also for 33 years Chancellor of the University. The site is an acre of land in a commanding position just north of "Light's Vision," has a beautiful view over the city to the hills, and being very close to the University and the University playing fields is ideally situated for a University College. The College was opened for the residence of students in March, 1950, and a large two-storey block of students' rooms was opened in 1951.

There are separate committees for graduates and undergraduates. Meetings of the Society are held regularly in term, usually in the Union Buildings; at three or four of the meetings each year addresses are given by prominent citizens and distinguished visitors to the State. The members assemble twice a year at St. Francis Xavier's Cathedral for religious services, and an inaugural Mass is celebrated at the beginning of each academic year. The Archbishop of Adelaide is ex-officio Patron of the Society, and the Bishop of Port Augusta Vice-Patron.

A meeting to welcome freshers is held annually early in the first term; all Roman Catholic undergraduates entering upon courses at the University and those already attending the University are invited to attend.

#### **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.

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 I.V.F. in Australia is held in one of the State capitals in January.

### 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 almost all the obligatory parades are held in the University vacations.

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, which, as mentioned above, can be done in the vacations.

The Headquarters of the Regiment is at the rear of the Physics Building. The Commanding Officer is Major Angus Maitland, and the Adjutant, Lt. H. B. Chamberlain.

### Adelaide University Squadron, R.A.A.F.

The Squadron is intended, first, to arouse the interest of undergraduates in the Air Force, and secondly to give its undergraduates such training as will adapt what they learn at University for use as Officers in one of the Air Force Reserves. The Squadron is a unit of the Active Citizen Air Force and will eventually consist of about 100 Air (i.e., Officer) Cadets. They will be divided into the following flights, which will be drawn from the faculties shown:

Flight	No. of Members	Faculty
Medical	20	Medicine, Dentistry
Equipment (An Equipment and an Accounting Component)	20	{Economics {Science, esp. Biochemistry
Administrative (An Intelligence, a Legal and an Education Component)	20	{Arts, Economics, {Education, Law
Engineer (An Aeronautical, an Electrical, an Instrument and a Radio Component)	20	Science, Engineering
Flying	20	All faculties, but great majority from Arts, Law and Commerce.

The members of the Flying Flight will be drawn chiefly from the Faculties of Arts, Law and Economics because the degrees of these faculties do not in war-time reserve their recipients from combatant

duties. The Flying Flight will be trained by the Aero Clubs and each member will receive up to 50 hours flying over his two years' service in the Squadron. This should bring him to Civil Licence flying standard.

Further details can be had from the Commanding Officer of the Squadron, Flt.-Lt. E. J. Dibden, whose office is at 156 Barton Terrace, North Adelaide.

#### 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 ls. 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 meetings are held a year, from March to September inclusive, at which papers written by students and graduates are read and discussed. 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.

All students of medicine of the Adelaide University are eligible for membership. 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 founded 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; and to promote the study of science by means of periodical meetings and visits to institutions connected with science, pure and applied.

Throughout the academic year, meetings are held at intervals of about three weeks, at which a lecture is given by a member of the staff, or papers prepared by students are read and discussed. The Association has instituted an orientation course for freshers which is held during the first week of term.

Membership is open both to graduating and to non-graduating students of Science and Agricultural Science, and all freshers of Science are invited to attend the meetings.

#### **Adelaide University Agricultural Science Association**

Graduates and under graduates of the University in 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. It has also been the successful practice in the past year to invite members of the Social Science Students' Association to attend the address given at each meeting by a guest speaker.

The objects of the Association are (a) to encourage a broad interest in agriculture and the exchange of ideas about agriculture amongst its members; and (b) 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: Dr. R. T. Binns.

Hon. Secretary: Mr. C. L. Austin, c/o Electricity Trust, Hindmarsh Building.

#### The Classical Association of South Australia.

President: Professor J. A. FitzHerbert.

Hon. Secretary:

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 C 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 September.

The annual subscription is £1 12s. for ordinary members and £1 for student members. Members receive a copy of each number of *The Economic Record*; members may also receive a copy of *The Australian Quarterly* (a journal published by the Australian Institute of Political Science) on payment of an additional fee of 8/-.

President: Professor P. H. Karmel.

Hon. Secretary and Treasurer: J. McB. Grant, 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, which are usually preceded by a dinner, are held at 8 p.m. on the first Friday of every month during the University year 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: L. A. T. Ballard, Ph.D., M.Ag.Sc.

Hon. Secretary: N. D. Crosby, M.D., The University, Adelaide.



**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; Associate 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.

## Awards

## SCHOLARSHIPS—

For previous Awards, see Calendars from 1910.

1948 Leonard, Ian Ferguson (Practice)

1949 Griggs, Michael (Practice).

1950 {Edgar, Heather Mary (Theory)  
{Leonard, Mary J. (Practice).

1951 Stubbs, Ruth Margaret (Practice).

## LICENTIATE PRIZE—

For previous Awards, see Calendars from 1942.

1948 Altschwager, Heather Mary

1949 Knowling, Gwenda

1950 No award

1951 No award.

## PRIZES—

For previous Awards, see Calendars from 1945

## Awards in 1949:

(a) *Practice of Music.*

Seventh Grade: Leonard, Mary Jocelyn

Sixth Grade: Levy, Judith Anne Winstanley  
Colquhoun, Harold

Fifth Grade: Tobin, Ashleigh H.  
Fraser, Peter

Field, Christine Mary

Fourth Grade: Mullins, Margaret  
Warhurst, Jennifer M.  
Franks, Mary Lorraine  
Tavener, Margaret A.  
Zweck, John Everard

## 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

CALENDAR  
OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR 1952

PART III

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## ANNUAL REPORT FOR THE YEAR 1951

To His Excellency, Lieutenant-General Sir Charles Willoughby Moke Norrie, K.C.M.G., C.B., D.S.O., 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 1951:

### INTRODUCTION

During recent years the Council of the University has faced problems associated with changing needs and changing conditions, and in successive annual reports it has attempted to show by what means it hopes to solve these problems. The policies and objectives of the Council remain unchanged and the year 1951 saw considerable progress towards their fulfilment. The University has suffered sad personal losses and current inflationary processes have decelerated some developments. These events are, however, the only dark part of the story of the year 1951.

The new arrangements for balancing the University budget, proposed by the State Government in 1950, have worked extremely well.

It is a tribute to those who in the past have guided the affairs of the University to record that the recent large staff changes have occurred without stress or strain. As had been expected, both teaching and research have been re-invigorated, though research is a plant of slow growth. The attendances at public lectures during 1951 were more than double those of 1950, and it is hoped that 1952 will be an even more successful year.

Student affairs have had much attention during the year. A Warden of the Students' Union has been appointed whose main task will be to foster a healthy extra-curricula student life. Much remains to be done in order that students may lead a full University life, but progress is dependent upon private benevolence. The Council welcomes Lincoln College as a fourth affiliated residential college. A remarkable feature of student activities has been the winning by the University Regiment, for the third year in succession, of the Challenge Trophy for the most efficient regiment in the Citizens' Military Forces.

Perhaps the gravest current aspect of the affairs of the University is the paucity of post-graduate students in some faculties, particularly engineering. This phenomenon, which is associated with the high salaries offered to raw graduates and which is common to all Australian Universities, may eventually harm the national interests to an extent beyond computation. Amid much that is going well in the life of the University, the small number of post-graduate students must be a cause of anxiety to all who take a long view of national affairs.

## 2. THE COUNCIL AND THE SENATE

In February the Council adopted the recommendation of the Vice-Chancellor that Professor M. L. Mitchell be appointed Deputy Vice-Chancellor. The Council is indebted to Professor Mitchell for so ably performing the duties of the Vice-Chancellor whilst the latter was touring British Universities in 1950.

In November, Mr. R. H. Chapman, Professor Sir Kerr Grant, Dr. E. Britten Jones, Dr. A. Grenfell Price, and Professor J. McKellar Stewart ceased by effluxion of time to be members of the Council. Professor McKellar Stewart did not offer himself for re-election, and the Senate elected Mr. Chapman, Sir Kerr Grant, Dr. Britten Jones, Dr. A. Grenfell Price and Professor E. C. R. Spooner to fill the five vacancies. The Senate also re-elected Mr. Justice Ligertwood its Warden and Mr. V. A. Edgeloe its Clerk.

## 3. OBITUARY

The Council records with deep regret the deaths during the year of Professors T. Harvey Johnston and R. C. Robin, Mr. D. B. Adam, Sir Arthur Cudmore, Dr. F. S. Hone, Mr. J. McConnell Black, and Dr. E. Angas Johnson.

Professor Harvey Johnston had filled the Chair of Zoology since its establishment in 1922 and would have retired at the end of 1951. He came to Adelaide with an established reputation for his work on *cactoblastus* in Queensland; he accompanied Sir Douglas Mawson on the British, Australian and New Zealand Antarctic Expeditions of 1930-31 when he collected a large quantity of marine material for subsequent description and classification; and his published papers and those of his students show his interests in parasitology and in Australian nematodes and trematodes during his tenure of the Chair.

Professor Robin was an Angas Engineering Scholar immediately after World War I. He was appointed Lecturer in Civil Engineering under the late Professor Sir Robert Chapman in 1930 and succeeded to the Chair in 1939 on Sir Robert's retirement. He played a most important part in the design of the new Engineering building and in the equipping of the Civil Engineering Department which now has some of the best laboratories in any Australian University.

Mr. D. B. Adam had been Head of the Department of Plant Pathology at the Waite Agricultural Research Institute since 1934, when he came to the Institute from the Department of Agriculture in Victoria. In addition to the advisory and research work of his Department, Mr. Adam took a keen and detailed interest in the course for the degree of Bachelor of Agricultural Science and in the work of the Faculty of which he was Dean for two years.

Dr. F. S. Hone and Sir Arthur Cudmore had both been lecturers in the medical school and members of the Council. Reference to Dr. Hone's work was made on the occasion of his retirement from the Council in 1949. The establishment of the Faculty of Dentistry was due in large measure to the late Sir Joseph Verco, Sir Arthur Cudmore, and Mr. H. Gill Williams. Sir Arthur succeeded Sir Joseph Verco as Dean of the Faculty in 1929 and filled that office for ten years. As the nominee of the University in each case, he



was also Chairman of the Dental Board of South Australia and a member of the Medical Board of South Australia for many years.

Mr. J. McConnell Black was an authority on the flora of South Australia, and had been Honorary Lecturer in Systematic Botany since 1927. His book on the flora of South Australia is internationally famous, and he had just finished correcting the proofs of a revised edition when he died suddenly at the age of ninety-five.

For some thirty years Dr. Angas Johnson had been a benefactor of the University with gifts to the Barr Smith Library of books on a wide variety of subjects. He also gave to the museum of the Department of Anatomy a collection of aboriginal skulls of great value to students of physical anthropology.

#### 4. RETIREMENTS AND RESIGNATIONS

Consequent upon the appointment of Mr. G. H. Lawton as full-time Reader-in-Charge of Geography, Dr. C. E. Fenner retired from the office of Honorary Lecturer-in-Charge of Geography, which he had held for some twelve years. It was largely due to Dr. Fenner's special interests and willingness to undertake the lecturing himself at a time when he was heavily burdened with other duties that the teaching of geography as an Arts subject was established in the University in 1930.

Early in the year, Dr. W. F. Joynt resigned from the Directorship in Obstetrics, which he had held since 1944, but carried on the duties of the office pending the appointment of his successor, which was not accomplished until late in the year. Dr. Joynt's service to the Medical School during one of the most difficult periods of its history will be reflected in the years to come in the professional work in obstetrics of the many hundreds of medical graduates who gained their basic knowledge of and experience in obstetrics under his direction.

Professor Nichol Smith completed his short tenure of the Chair of English Language and Literature in May; Mr. R. G. Opie and Mr. A. M. Smith, Lecturers in Economics, resigned, Mr. Opie to take up his Rhodes Scholarship at Oxford, and Mr. Smith to accept an appointment as a Research Economist in the Central Bank of Ceylon under the Colombo plan; Miss S. J. McLean, Acting Lecturer in Bacteriology, resigned in order to undertake post-graduate study abroad; Mr. B. Downs, Senior Lecturer in Mechanical Engineering since 1948, resigned to accept an appointment as Senior Lecturer-in-Charge of Mechanical Engineering in the University of Western Australia; and Mr. P. F. Butler resigned from the staff of the Department of Agronomy at the Waite Agricultural Research Institute.

#### 5. NEW PROFESSORS

Four new Professors were appointed during the year.

Dr. A. N. Jeffares has filled the Jury Chair of English Language and Literature which, following the retirement of Mr. C. R. Jury in 1949, was occupied temporarily by Professor D. Nichol Smith. After a distinguished undergraduate career in Trinity College, Dublin,

where he won a number of scholarships and prizes in Classics and in English and graduated with first-class Honours in 1943, Professor Jeffares went to Oriel College, Oxford, where he was a research student under Professor Nichol Smith and was admitted to the degree of Doctor of Philosophy in 1948. From 1946 to 1949 he was a Lecturer for the British Council in the Netherlands and during that period lectured on English literature in Groningen University. For two years before coming to Adelaide in August last he was a lecturer in the University of Edinburgh.

The Chair of Civil Engineering, left vacant by the death of Professor R. C. Robin, was filled by the appointment of Mr. F. B. Bull, who is expected to assume duty in March, 1952. Professor Bull graduated with first-class Honours in the University of London in 1937; he then had two years' practical experience with a large industrial company and four years' teaching experience as Lecturer in Civil Engineering in Middlesborough Technical College. From 1943 to 1947 he was engaged in research of a particularly difficult kind with the British Admiralty Department of Aeronautical and Engineering Research. In 1947 he went as a demonstrator to the Engineering Laboratories in the University of Cambridge and was appointed a lecturer there in 1949.

Dr. W. P. Rogers, a graduate in the Universities of Western Australia and London, was appointed to the Chair of Zoology in succession to the late Professor T. Harvey Johnston. From 1940 to 1942 Professor Rogers was at the London School of Hygiene and Tropical Medicine and the Institute of Agricultural Parasitology, and for the next four years he was a member of the staff of the Molteno Institute of Biology at the University of Cambridge. In 1946 he returned to Australia to take charge of the Parasite Physiology and Toxicology Department of the McMaster Laboratory of the C.S.I.R.O. in Sydney. Professor Rogers' special field is parasite metabolism and he is a member of the board of editors of the journal *Experimental Parasitology* published in New York.

The University was glad to secure Dr. D. G. Catcheside, a Fellow of the Royal Society, to fill the new Chair of Genetics, which was established early in the year with substantial support for a period of ten years from the Commonwealth Scientific and Industrial Research Organisation. A graduate in Botany of the University of London, Professor Catcheside spent two years in Glasgow and six years in King's College, London, before transferring to the Department of Botany in the University of Cambridge. There he was elected a fellow of Trinity College in 1944, and was appointed to the University Readership in Plant Cytogenetics in 1950. He took up duty here in January, 1952.

#### 6. OTHER NEW STAFF

Dr. L. O. S. Poidevin, a graduate of the University of Sydney, was appointed Director of Obstetrics in succession to Dr. W. F. Joynt. Dr. Poidevin, who served with the second A.I.F. and was a prisoner of war for some four years, was Medical Superintendent of the Queen Victoria Maternity Hospital during the latter half of 1951 and assumed duty as Director in January, 1952.

Dr. C. G. Hansford, who graduated with distinction from the University of Cambridge in 1920 and served in many parts of the world with the British Colonial Service from 1922 to 1946, was appointed Reader in Plant Pathology at the Waite Institute in succession to the late Mr. D. B. Adam. After leaving the British Colonial Service Dr. Hansford had experience in Ceylon and Iraq, whence he came to Adelaide in December. In 1949 he was awarded the degree of Doctor of Science in the University of Cambridge for his published work on plant pathology and mycology, fields in which he has an international reputation.

The full-time Readership in Geography established early in the year was filled in September by Mr. G. H. Lawton, a graduate of the Universities of Melbourne and Oxford who comes to us with a wide teaching experience in Australia, the United Kingdom, New Zealand and America. At the time of his appointment he was Associate Professor of Geography in the University of Washington, Seattle.

Mr. D. Van Abbe, who will assume duty in February, 1952, was appointed Reader-in-Charge of German Language and Literature. Mr. Van Abbe graduated with first-class Honours in Cambridge in 1938, served with the British Army and the British War Office for five years during World War II, and after the War held two teaching appointments in Australia, first as a lecturer in Modern Languages in the University of Tasmania, and subsequently as a lecturer in German in the University of Melbourne.

The Readership in Law was filled by Mr. F. P. Donovan, whose career to date has been remarkably similar to Professor Blackburn's. Queensland Rhodes Scholar for 1946, he served for five years in the A.I.F. and took first-class Honours in Jurisprudence and the degree of B.C.L. in the University of Oxford. He was Senior Mackinnon Scholar at Magdalen College in 1949, and Bigelow Teaching Fellow in the Law School of the University of Chicago for the academic year 1949-50.

Mr. M. J. Barrett, the second candidate to be admitted to the degree of Master of Dental Surgery in the University of Adelaide, was appointed full-time Reader in Prosthetic Dentistry in June; and Dr. W. R. Adey was promoted from Senior Lecturer to Reader in the Department of Anatomy.

During his stay in Paris, Professor Cornell negotiated with the French Government the extension to Adelaide of an arrangement whereby officers of the French education system are made available as lecturers abroad for terms of three years while retaining their status, rights and privileges in that system. Taking advantage of this arrangement, we have appointed Mr. Maurice Valuet, Licencié es-lettres (Paris), as lecturer in French for the next three years.

Other new appointments to the staff of the University included:

Lecturer in History and Political Science: Miss Kathleen Woodroffe, M.A.

Lecturer in Philosophy: Mr. D. L. Gunner, M.A. (Melb.).

Lecturer in Psychology: Mr. U. T. Place, M.A. (Oxon.).

Senior Lecturer in Economics: Mr. E. A. Russell, B.A. (Melb. and Camb.), B.Com. (Melb.).

Lecturer in Mathematics: Dr. R. B. Potts, B.Sc. (Adel.), D.Phil. (Oxon.).

Senior Lecturer in Mathematical Physics: Dr. H. Messel, B.A., B.Sc. (Queen's, Ontario), Ph.D. (Dublin).

Senior Lecturer in Chemistry: Dr. H. J. Rodda, M.Sc. (Adel.), Ph.D. (Camb.).

Lecturer in Chemistry: Mr. J. R. Urwin, B.Sc.

Lecturer in Biophysics: Mr. E. H. Medlin, B.Sc.

Lecturer in Botany: Mr. R. L. Specht, M.Sc.

Acting Lecturer in Bacteriology: Miss Helen Foster, B.Sc.

Senior Lecturer in Pathology: Mr. R. A. Barter, M.B., B.S.

Lecturers in Pathology: Mr. J. G. Topliss, M.B., B.S., and Mr. C. J. Phillips, M.B., B.S.

Senior Lecturer in Mechanical Engineering: Mr. R. G. Barden, B.Sc. (Lond.), A.M.I.Mech.E.

Lecturer in Electronic Engineering: Mr. D. C. Pawsey, B.E.E. (Melb.), A.M.I.E. (Aust.).

Plant Geneticist: Dr. Jean Mathieson, M.Sc. (Melb.), Ph.D. (Camb.).

Senior Microbiologist: Dr. H. Warcup, M.Sc. (N.Z.), Ph.D. (Camb.).

Agronomists: Mr. J. N. Black, B.A. (Oxon.); Mr. W. E. Bond, B. A. (Camb.); and Mr. D. R. Bathe, M.Ag.Sc. (N.Z.).

Plant Pathologist: Mr. A. Kerr, B.Sc. (Edin.).

Agrostologist: Mr. D. E. Symon, B.Ag.Sc.

#### 7. PERSONAL

Professor J. A. Prescott's original and substantial contributions to the Science of Agricultural Chemistry were recognised by his election in April as a Fellow of the Royal Society, the highest scientific distinction that can be gained in the English-speaking world. Professor Prescott is the third Fellow elected while a member of the staff of the University; the first was the late Professor Sir Edward Stirling, and the second Professor Sir Douglas Mawson. With the consent of the Council, Professor Prescott accepted an invitation from the Minister for External Affairs to be leader of a group of Australians sent by the Australian Government in March and April to advise on the nature of the help that could best be given under the Commonwealth Technical Co-operation Scheme to the Government of Pakistan in the development of farming, especially by means of irrigation, in the Thal region. The report of the Mission has been adopted by Australia, Canada and New Zealand, and the assistance offered has been accepted by Pakistan.

Sir Philip Messent, Director of Surgical Studies, received the honour of knighthood on the occasion of the birthday honours in June; Dr.

G. M. Badger, Reader in Chemistry, was awarded the H. G. Smith Memorial Medal; and Dr. E. A. Cornish, Head of the C.S.I.R.O. Section of Statistics and part-time Lecturer in Mathematical Statistics in the University, received the Australian Medal of Agricultural Science.

In recognition of his service to the University the Council conferred the title of Professor Emeritus upon Professor G. V. Portus, who had retired at the end of 1950 from the Chair of Political Science and History which he had filled since 1934.

Professor A. A. Abbie was elected a Fellow of the Royal Australian College of Physicians and joined the Editorial Board of the *Annals of Medicine*. In September, Professor A. Killen Macbeth represented the Australian National Research Council at the Twelfth International Congress of Pure and Applied Chemistry in New York and the Royal Australian Institute of Chemistry at the Diamond Jubilee Meetings of the American Chemical Society. Professor Wood accepted nomination as an Australian member of UNESCO panel on Arid Zone Biology; and Dr. H. G. Andrewartha was appointed by the Commonwealth Government to be a member of the Sirex Wasp Committee.

#### 8. REPRESENTATION OF THE UNIVERSITY

The University was represented at the quincentenary celebrations of the University of Glasgow by Professor A. Killen Macbeth, and at the Fifth Anglo-American Conference of Historians at London by Professor J. G. Cornell. The Council appointed Professor W. G. K. Duncan and Miss Hope Crampton as its representatives on the Council of St. Ann's College, Mr. Justice Ligertwood and Dr. F. Ray Hone as its representatives on the Council of Lincoln College, Miss Renee Swan as its representative on the Physiotherapists Board of South Australia, and Dr. A. P. R. Moore as its representative on and Chairman of the Dental Board of South Australia.

#### 9. AWARDS TENABLE OVERSEAS

Graduates of the University again obtained a number of scholarships and awards tenable overseas.

Mr. Donald B. Cheek, who had been working under a research grant from the National Health and Medical Research Council in the Department of Physiology, was awarded by Rotary International a Fellowship valued at £1,300 under which he went to Yale University in U.S.A. Mr. B. J. Skinner, who had a distinguished undergraduate record in the Department of Geology, obtained a Fulbright Award which took him to Harvard for a year. Mr. A. J. deB. Forbes, Tutor in Political Science and History, was awarded a Gowrie Post-graduate Research Travelling Scholarship, which he will hold for two years at Oxford; and Mr. S. G. Sturmeay, Tutor in Economics, was awarded a Research Studentship tenable in the University of Manchester. Miss Peggy Fearn was awarded the Elder Overseas Scholarship tenable for three years at the Royal College of Music, London; and Messrs. E. C. Forsyth and B. W. Ellis were awarded Travelling Scholarships by the French Government to enable them to spend a further year of study in France.

Mr. L. H. May, Plant Physiologist at the Waite Institute, was granted a post-graduate research scholarship from the Services Canteens Trust Fund which will keep him abroad for three years. He intends to work for at least two years under Professor Gregory of the University of London.

#### 10. THE TEACHING YEAR

*Staff:* Of the new permanent appointments created in 1950, eight had not been filled by the end of that year. They were filled during 1951, and in addition money was provided by the State Government for further development. New appointments made under that provision included a Reader-in-Charge of Geography, a Reader in Prosthetic Dentistry, a Senior Lecturer in Chemistry, a Research Fellow in Medicine and additional lecturers in each of the Departments of History and Political Science, Physics, Chemistry, Geology and Pathology.

*Departmental Accommodation:* Conversion of the top floor of the Darling Building to meet the needs of Organic Chemistry was completed and the new accommodation used throughout the academic year. No other change of significance in departmental accommodation was effected during the year.

*New Courses:* The curriculum for the degree of Bachelor of Economics was substantially revised and extended. Within the new curriculum, which will come into operation in 1952, there is a good deal of flexibility in the choice of subjects, but all candidates will be required to take three courses in Economics and three courses in at least one other subject. By appropriate choice of the optional courses, a candidate may plan a degree-course suitable for one or another of several vocations. Thus one whose interests lie within the field of industry and commerce may select advanced courses in Accountancy and Law; one whose interests lie within the field of the Public Services may select courses in Political Science and Public Administration; one who wishes to specialize in economics may select courses in cognate subjects and advanced statistics; while one who has no specific objective in view may study history and geography in conjunction with economics.

Another important development for which arrangements were made is the provision in 1952 of a course in German III and the establishment within two or three years of a full Honours School in German.

A wide range of subjects will be provided in the School of History and Political Science. Three alternative first-year courses will deal with World History, a survey of European History from the Renaissance to the French Revolution, and British Constitutional History from 1485 to the present day. There will be three second-year courses, one dealing with Europe since 1815, one with Economic History, and one with the theory and the institutions of the modern democratic state. Two third-year courses will be provided, one concerning the modern history of the Pacific and the other concerning modern international relations.

The School of Philosophy also remodelled its courses. The first-year course will be an introduction to logic and metaphysics and moral and political philosophy. A student will then determine whether he wishes to take further studies predominantly in logic and metaphysics or in moral and political philosophy, second- and third-year courses in each branch being offered in 1953 and 1954 respectively. The teaching in Psychology also has been substantially revised.

The other subject in which substantial development occurred was Geography, in which an additional first-year course in Economic Geography will be provided in 1952 and foundations laid for the provision later of a full Honours course in the subject.

#### 11. STUDY LEAVE

The Study Leave Fund established in 1950 was continued in 1951 and again proved of outstanding value. It is essential for the welfare of the University that members of the staff should be enabled from time to time personally to investigate the latest developments in their particular fields of study and to visit their colleagues in other universities and research institutions abroad. Seven staff members, after absences ranging from two and a half months to nearly twelve months, returned towards the end of the year; a further seven who left Adelaide in the latter part of the year will return at intervals in 1952. In twelve cases the contribution from the University towards the cost incurred has been supplemented by travel awards or grants-in-aid from outside sources.

Professor J. G. Cornell, Professor of French, was absent for about ten months; most of this time he spent in Paris, which he had not visited for twenty-one years, steeping himself in the characteristic atmosphere of France and renewing his first-hand association with the language, life and customs of that country.

At the invitation of the American National Bureau of Standards, Dr. H. H. G. Jellinek, Senior Lecturer in Chemistry, visited Washington for about a month to participate in a Symposium on "Polymer Degradation Mechanisms," held on the occasion of the Bureau's Fiftieth Anniversary celebrations.

Professor A. Killen Macbeth, Angus Professor of Chemistry, visited a number of universities and research institutions in the United Kingdom, America and Canada, and represented the University and various learned societies at several official functions.

First-hand knowledge of the teaching and research being carried out in embryology and histology in Great Britain was obtained by Dr. A. D. Packer, Senior Lecturer in the Department of Anatomy, who spent about twelve months abroad. He also visited Belgium and Sweden, and returned through the United States of America with the aid of a Rockefeller Foundation travel grant.

The Professor of Mining, Metallurgical and Chemical Engineering and Director of the Bonython Laboratories, Professor E. C. R. Spooner, spent about three months in South Africa visiting mines and metallurgical laboratories; he received a grant from the Nuffield

Foundation for the purpose. On his way to South Africa he spent a short time in Colombo, where, at the request of the Minister of Industries, he advised the Ceylon Government on certain aspects of industrial development in that country.

With the aid of a Carnegie Grant, Mr. D. C. Swan, Senior Entomologist-in-Charge at the Waite Agricultural Research Institute, spent about three months in America, and about five months in the United Kingdom; he also visited France, where he made investigations into the control of the vine disease, *Phylloxera*, and Holland, where he attended the International Congress of Entomology. He secured valuable information on a variety of matters concerned with the biological control of insects.

Professor E. O. Willoughby, Professor of Electrical Engineering, visited England to attend a conference on Servo-Mechanisms, and spent about a month in America visiting various universities and research laboratories doing work in the fields of servo-mechanisms and electronic communications.

Grants-in-aid were made to members of the staff attending research-type conferences within Australia. The most important of these conferences was that of the Australian and New Zealand Association for the Advancement of Science, held in Brisbane in May, when the University was represented by some twenty-eight members of its staff from fifteen departments.

The University is grateful to a number of outside bodies which have generously made it possible for members of the staff to widen the scope of their activities abroad. In particular the Carnegie Corporation of New York has been most generous; in the past two years it has made substantial dollar grants to eight staff members who otherwise would not have been able to include America in their study leave itinerary. Australian National Airways now make available annually to Australian universities, through the Australian Vice-Chancellors' Committee, twelve concessional air passages to the United Kingdom; four of these have been awarded to Adelaide men. The Rockefeller Foundation has made dollar grants which enabled four members of the staff, on their return from the United Kingdom, to spend several weeks each in America.

## 12. PUBLIC LECTURES AND MEETINGS

Ten public lectures, arranged in two series of five lectures each, were given during 1951 as follows: "Gulliver's Travels," by Professor D. Nichol Smith, Jury Professor of English Language and Literature; "The Australian Economy" by Professor P. H. Karmel, Professor of Economics; "Law and Justice" by Professor R. A. Blackburn, Bonython Professor of Law; "Democracy and the Expert" by Professor W. G. K. Duncan, Professor of History and Political Science; "The Meaning of Life" by Professor L. J. Russell, Emeritus Professor of Philosophy in the University of Birmingham; "Radio Astronomy" by Professor L. G. H. Huxley, Elder Professor of Physics; "New Evidence on Human Evolution" by Professor A. A. Abbie, Elder Professor of Anatomy and Histology; "The Significance of Modern Agriculture" by Professor H. C. Trumble, Waite Professor of Agronomy; "Univer-



sity Studies on the Aborigines" by Dr. T. D. Campbell, Director of Dental Studies; and "The Existence of God" by Professor J. J. C. Smart, Hughes Professor of Philosophy.

At the request of the South Australian Branch of the Australian Institute of International Affairs the University sponsored a lecture in the Bonython Hall on June 7 by Dr. Salvador de Madariaga on "The Inner Sense of the Present World Crisis"; and by joint invitation of the Council and the Lord Bishop of Adelaide, His Grace the Archbishop of York gave a public address in the Bonython Hall on October 21.

The Bonython Hall was made available for the inaugural meeting of the South Australian Institute of Teachers on May 17; for the Jubilee Meeting of the Adelaide Division of the Institution of Engineers, Australia, on May 18; for the Australian Music Festival from August 22 to 29; for the Annual Congress of the Agricultural Bureau of South Australia on September 5; for the New Education Fellowship Conference which was addressed by Sir Richard Livingstone, former President of Corpus Christi College and Vice-Chancellor of the University of Oxford from 1944 to 1947, on October 6; and for a public meeting addressed by His Excellency The High Commissioner for India on October 24 under the auspices of the Australian Association for the United Nations.

Dr. J. E. Burchard, Dean of Humanities at the Massachusetts Institute of Technology, repeated in the Physics Lecture Theatre on October 30 a lecture on "Modern Art as a Reflection of Modern Society," which he had given some months earlier in the Public Library Theatre and which had given rise to a demand for its repetition from many who had not heard it on the first occasion.

### 13. RESEARCH

Broadly speaking, the research work of the University falls into two categories: that done by the permanent academic staff and that done by graduate students. The latter work under the direction and supervision of the academic staff, and an important aspect of their work is the training that they receive in the methods of experimental research; in a flourishing University their numbers should be large and their quality high.

In some Departments, mainly in the Faculty of Science, the numbers of graduate workers and their quality are increasingly satisfactory; in others, especially in the Faculties of Engineering and Arts, the position is disappointing. Private industry and public enterprises alike eagerly offer employment at high salaries to new Engineering graduates; how to induce both employers and the most promising young Engineering graduates to take a long-term rather than a short-term view is a serious problem, for on a long-term basis undoubtedly the best young graduates in Engineering should remain at the University for another year or two for post-graduate study and training in research methods. In Arts, too, the situation is far from satisfactory; some ten Departments can muster between them only four graduate students proceeding by full-time work to higher degrees.

A notable feature of the year has been the progress made in building the necessary apparatus and team of workers for research into

**Biophysics.** An electron microscope and apparatus for X-ray diffraction work have been installed, and other equipment will be in operation in 1952. Studies in the structures of natural membranes and fibres will shortly begin.

Several Departments have arranged to collaborate in a major project on wound and tissue repair. Preliminary studies in the work, which will centre around the Pathology Department and the Biophysics unit, have already been begun.

The Anatomy Department is undertaking a programme of research into the role of the temporal lobe on the brain in emotional control in monkeys and human beings.

In last year's report, reference was made to a number of special investigations being carried on at the request of, and with funds provided by, organisations outside the University. Work on these investigations was continued during the year; in addition, the University accepted a grant from the Commonwealth Department of Supply for investigation into a radio aeriels problem and from the Radio Research Board to assist the Physics Department's programme of research on the ionosphere.

Under the combined State and Commonwealth grants for research in the Physical, Biological and Social Sciences, work was done in 1951 on some ninety-four projects in twenty-five departments at a total cost of nearly £25,000. Forty-five graduate research workers—of whom thirty-two were full-time and the remainder part-time or part-year—received maintenance grants; and seven technicians made, installed and maintained essential research equipment and provided the necessary technical services. In addition, some fifty members of the academic staff received grants toward the expenses—apparatus, maintenance and travelling—of their own research projects.

In the Department of Anatomy, Professor Abbie developed a new theory of the mechanism of human evolution which is the subject of four papers now in the press. He was able, on his visit to U.S.A. in 1950, to secure a grant from the Viking Fund of New York for the promotion of an anthropological expedition to Central Australia in August, and as a member of the expedition he collected a mass of information on the physical anthropology of the Australian aborigine which is at present being prepared for publication. Dr. Adey assembled equipment to continue his investigation on the parts of the brain associated with emotional responses.

In the Department of Botany, research was done on the ecology of zinc deficient areas, the biochemistry of zinc and molybdenum deficient plants and their relation to nitrogen metabolism, the ecology of arid areas of South Australia, the algal ecology of South Australia and the cytology of Australian Liliales.

The Chemistry Department continued its research into the constitution of some Australian alkaloids, the stereochemistry of terpene alcohols, the chemistry of some carcinogenic compounds, and the structure of polycyclic hydrocarbons. It also began work on the chemistry of high polymers and plastics.

In the Department of Civil Engineering research was continued into numerical methods in elasticity, the stability of steel beams, the

strength variation of concrete with age, and into a photoelastic study of stresses in foundations. The laboratories were used by the State Engineering and Water Supply Department for soil testing and spillway studies for the South Para Dam, for the calibration of Dethridge meters and for the study of a navigation difficulty in the River Murray. The Commonwealth Department of Works and Housing used them for studies of wind pressure distribution on an air hangar, and the Electricity Trust of South Australia for soil and concrete studies for a dam.

The Department of Mechanical Engineering made satisfactory progress with its two main research projects on the studies on combustion acceleration for pulverised coal and vibration control.

The Professor of Mathematical Physics (Professor H. S. Green) and his Senior Lecturer (Dr. H. Messel) pursued research into the scattering of nucleons by nuclei, the lateral development of the nucleon component of cosmic ray showers, the distribution of cosmic ray particles with respect to their energies, and the quantum statistical mechanics of fluids at low temperatures.

Research in the Department of Zoology during the year was mainly concerned with three subjects, namely, parasitology and free living nematology, marine coastal ecology and a study of coastal salinities, and the physiology of some freshwater animals especially the murray mussel and mosquito larvae.

More detailed information of the nature and scope of the work done may be obtained from the bibliography at the end of this report, and from the comprehensive research report to be published in March or April.

#### 14. THE WAITE AGRICULTURAL RESEARCH INSTITUTE

*Personal:* Early in the year Professor H. C. Trumble, Waite Professor of Agronomy, returned from a period of special leave during which he acted as Agronomist of the Food and Agriculture Organization of the United Nations, and Dr. R. J. Best, Senior Lecturer in Agricultural Chemistry, who had been awarded a travel grant by the Carnegie Corporation of New York, returned from a visit to the United States and the United Kingdom.

Two UNESCO Scholars completed their courses for the degree of Doctor of Philosophy in Agricultural Chemistry. Three further scholars from India began, at various stages during the year, post-graduate studies in plant genetics, agricultural chemistry and entomology respectively.

Dr. E. R. Graham, Associate Professor of Soils in the University of Missouri, began in September a period of about nine months as a visitor under the Fulbright Scheme; and Dr. H. L. Penman of the Rothamsted Experimental Station entered upon a six months' visit under the aegis of the Nuffield Foundation.

*Research:* Investigations in agronomy included the completion of the study of changes in soil moisture under a crop rotation, and a continuation of work on soil fertility under different systems of crop rotation. The study of Onion Weed (*Asphodelus fistulosus*) was

extended to include investigations of plant competition. Competition in relation to the establishment of *Phalaris tuberosa* was further investigated and work on the improvement of *Phalaris* strains was resumed. Further study was made of strain variation in barrel medic (*Medicago tribuloides*). At Yudnapinna Station in the north-west pastoral area, a decade of work on the grazing management of shrub pastures was completed; the appointment of a Mortlock Fellow will permit a continuation and extension of these investigations.

Genetical studies are inherently of a long term nature and have as their objective the extension of knowledge relating to basic problems associated with the improvement of agricultural crop and herbage plants. Progress was made in the identification of genes for resistance to various diseases of cereal crops, and facilities were provided for the training of post-graduate research students.

Work in plant physiology was directed towards an understanding of transpiration and of growth reactions in plants.

In the field of plant biochemistry, a new programme was begun to investigate the role in plant metabolism of a fluorescent benzopyrone discovered and described earlier; and the study of strains of the virus of tomato spotted wilt was continued.

The subject of climatology was further developed, special attention being given to the role which solar radiation plays in the processes of evaporation from natural surfaces.

Entomological work was directed particularly to insects affecting pastures; progress was made in elucidating the factors responsible for periodic plagues, and in developing short- and long-term measures to meet them. New work begun included studies to evaluate the performance of various beneficial insects that have been liberated in this State against particular pests, and a programme of investigations on the insect problems of the citrus industry in the Murray Valley. Studies on various fundamental aspects of insect biology were continued.

One aspect of the plant pathology department's work on soil-borne diseases, namely, the work on Take-All of Wheat, was suspended owing to the death of Mr. D. B. Adam, whose results are being collated by colleagues working on other aspects of the same field. With the appointment of new staff, the department's interests are extending further into taxonomic mycology and soil microbiology.

Soil investigations continued to be directed to a study of the fertility problems of the Seddon series of soils now being extensively developed for soldier settlement on Kangaroo Island. Several field experiments started by the S.A. Department of Agriculture were designed in co-operation with the Department of Agricultural Chemistry to ensure that these experiments will furnish suitable laboratory material to supplement that being obtained from pot studies. The possible use of several less soluble phosphatic fertilizers, as an alternative to superphosphate, is being investigated on this soil type. Particular attention is also being given to the nitrogen cycle and the status of this soil in the different micro nutrients.

Chemical investigations on the residual value of superphosphate on Urrbrae sandy loam were continued and a post-graduate investigation on the availability of phosphates and copper in S.A. soils started.

A report on the work of the Institute during the years 1948 and 1949 was published in October.

#### 15. THE BARR SMITH LIBRARY

Early in 1951 the Council doubled the grant for the purchase of books, thereby enabling the Library to meet more adequately the demands made upon it by the University's expanding activities in teaching and research. Nevertheless, despite such a substantial increase in the grant, the amount was overspent because of the inflated cost of books, journals and binding.

The delay of some months in the arrival of scientific journals by normal transport means puts research workers here at a serious disadvantage in comparison with their overseas colleagues: arrangements were therefore made for six important journals to be sent by air-mail in future.

In an address to the Library Committee, Professor Nichol Smith said that in the last thirty years American scholarship in the field of English Literature had reached a very high standard primarily because of the remarkable growth of scholarly libraries in America. The quality of the material in the Barr Smith Library warranted the establishment of a Rare Book Department, and concentration on a library of 19th century publications would give a stimulus to the work of the Faculty of Arts. Professor Nichol Smith later presented several hundred volumes from his own collection to the Library.

#### 16. THE ELDER CONSERVATORIUM OF MUSIC

*Staff:* During the year the following part-time appointments to the staff were made: Signora Moi as teacher of Italian language; Mr. James Gleeson as a teacher of flute; and Miss Enid Conley as instructor of pianoforte accompanying.

*Student Awards:* Mr. Kevin Miller and Miss Audrey White respectively won the vocal and concerto competitions conducted by the Australian Broadcasting Commission. Mr. Miller also won the Commonwealth Jubilee Scholarship in singing under which he will spend three years in study abroad.

*Concerts:* A series of lecture recitals which covered a wide range of classical and contemporary works was provided throughout the year; a Tudor Festival of four concerts was held in August; the usual series of Sunday afternoon concerts throughout the winter term was given to large audiences; Mr. John Horner, assisted by advanced students and visiting organists, gave another series of mid-day organ recitals on Thursdays throughout the winter; and student concerts were held at intervals during the year.

*Australian Music Festival:* The second Australian Music Festival was held at the beginning of the third term when four concerts of contemporary Australian works were given. Visiting composers from other States attended; several new works were heard and a number

received their first performance. The Festival brought encouraging and favourable comments from throughout Australia, and its value to Australian music is unquestionable.

*Visitors:* The Australian Music Examinations Board held its Annual Conference in Adelaide in July. Visitors who contributed to the work of the Conservatorium during the year included Dr. Thalben-Ball, of London, Mr. Elexander Sverjensky, Dr. Edgar Ford, Mr. Ricardo Onoposoff, Mrs. Ruth Alexander and Miss Mancel Kirby.

*Library:* The establishment of the Conservatorium Library of books and music in the North Hall was accomplished, and both books and music are now adequately housed and readily accessible. The library has been supported by substantial gifts from Messrs. Schirmer and Co., of New York, and Messrs. Novello and Co., Curwen and Sons, Joseph Williams Ltd., and Augener Ltd., of the United Kingdom; and as time goes on the Library will be of increasing importance not only to the University School of Music, but also in the wider sphere of music education throughout the State.

#### 17. THE ANTI-CANCER COMMITTEE

During the year the Committee made two important decisions about developments in its work.

The first was to make an annual grant of £1,500 for three years to the Institute of Medical and Veterinary Science to support research into new methods for the early diagnosis of cancer. Under that grant the Institute appointed a pathologist to conduct investigations into methods specified by the Committee and to undertake such other allied work as the Committee might require. Dr. M. C. Fowler was appointed in March, 1951, and, having acquainted himself as fully as possible here with the problems involved, will be sent to Europe in 1952 to pursue his investigations there.

The second was to buy at an estimated cost of some £40,000 to £50,000 a four million electron volt linear accelerator for use in the Radiotherapy Department of the Royal Adelaide Hospital. The Hospital Board agreed to provide the special and expensive housing that will be required for the plant, and the Committee began negotiations for its purchase. Similar machines are being designed and built for the British Ministry of Health and there will necessarily be a delay of some years before the machine is installed in the hospital. Meanwhile, negotiations for a firm contract are proceeding.

Several other items of equipment were ordered during the year, including punching and sorting machines to deal with statistical information obtainable from the records of patients treated in the Radiotherapy Clinic at the Radiotherapy Department of the Royal Adelaide Hospital. A calculating machine also enables wider use to be made of the information provided by another piece of equipment built during the year by the Physicists, a Wheatley Optical Integrator, which facilitates more adequate planning of the treatment of patients undergoing X-ray and radium therapy. This research has been promoted by the appointment of an additional Assistant Registrar and an additional Assistant Physicist.

To record its appreciation of the service of the late Dr. F. S. Hone, who had been Chairman since 1939, the Committee, with the concurrence of the Hospital Board, decided to place a bronze tablet in the Radiotherapy Department, the wording of which is as follows:

This tablet commemorates  
Frank Sandland Hone, C.M.G., B.A., M.B., B.S.,  
at whose instigation the University of Adelaide  
founded in 1928 the Anti-Cancer Committee  
to organize and develop the campaign against cancer  
in South Australia.

He foresaw this clinic  
and strove ceaselessly for its realization.

1871

1951

#### 18. THE POST-GRADUATE COMMITTEE IN MEDICINE

In pursuance of its aim to make post-graduate training available to all medical practitioners in South Australia, the Committee arranged visits by eight distinguished overseas and interstate visitors whose presentations of recent advances in their specialties were of great interest and value. In addition to giving formal lectures for the Committee, the visitors took part in teaching for undergraduates and for higher degrees and in refresher courses whenever possible.

Two courses were organised for candidates intending to proceed to higher degrees or diplomas in surgery, one preparatory for the primary examination and the other for the final examination of the Royal Australasian College of Surgeons.

The Committee also arranged for general practitioners a refresher week, a week-end course on Road Accidents, weekly medical and surgical rounds at the Royal Adelaide Hospital and when requested individual tutorials and training in special branches. It also arranged for week-end refresher courses at three country centres—Mount Gambier, Berri and Clare.

Lectures given under the auspices of the Committee included: "Minor rectal diseases" and "Carcinoma of the colon" by Mr. C. Naunton Morgan, Overseas Lecturer for the Australian Post-Graduate Federation in Medicine in 1951; "Research in General Practice" and "Epidemiology in Country Practice" by Dr. William Pickles (the latter given in Mount Gambier and Barmera as well as in Adelaide); "The Pneumoconioses" and "Tumors" by Professor Matthew Stewart, Emeritus Professor of Pathology in the University of Leeds; "Anaesthetic Methods Used in Research and Resuscitation" by Professor R. R. Macintosh of the University of Oxford; "Practical Points in Gynaecology" by Sir William Gilliatt; "Hydrocephalus and its Causes Considered Radiologically" by Dr. H. M. Jupe, Director of the Radio-diagnostic Department of the London Hospital; "Some Aspects of Pediatric Endocrinology" and "Pre-natal Pediatrics" by Professor Lorimer Dods, Professor of Pediatrics in the University of Sydney (the Edward Stirling Lectures); and "Congenital Heart disease"

by Dr. Paul Wood, a London cardiologist who visited Adelaide under the auspices of the Nuffield Foundation.

Professor D. M. Dunlop, Professor of Therapeutics and Clinical Medicine in the University of Edinburgh, visited Australia as Sims Travelling Professor for 1951 under the aegis of the Royal Australasian College of Physicians. During his stay in Adelaide, he gave three lectures on "Anti-Histamine Drugs," "Changing Fashions in Medicine," and "Thiauracil."

#### 19. VISITORS

As 1951 was the Commonwealth's Jubilee year, the number of distinguished overseas scholars visiting Australia was much greater than usual. Many were able to include Adelaide in their itineraries and give the University the pleasure and stimulus of their presence. Acknowledged authorities in their particular fields of study they also brought, between them, an extremely wide and varied experience of University matters.

In most cases, arrangements were made for them to see places of local interest, to have discussions with members of the staff, to give one or more public lectures, and to hold seminars for members of the staff and advanced students.

Professor Nicholas Mansergh, Abe Bailey Research Professor of British Commonwealth Affairs for the Royal Institute of International Affairs at Chatham House, London, spent about a week at the University in March.

Three distinguished geneticists, members of a UNESCO delegation to the meeting of the Australian and New Zealand Association for the Advancement of Science held in Brisbane in May, visited the University for a few days. They were Professor G. Gaylord Simpson, Chairman of the Department of Geology and Palaeontology in the American Museum of Natural History in New York; Professor T. Dobzhansky, Professor of Zoology in the University of Columbia, New York; and Professor C. H. Waddington, Chief Geneticist of the National Animal Breeding Research Organisation in Great Britain and Professor of Animal Genetics in the University of Edinburgh.

Professor W. A. Mackintosh of Queen's University, Kingston, Ontario, Canadian economist and financial expert, spent a week at the University in July. He has since been appointed Principal and Vice-Chancellor of Queen's University.

In August, at the conclusion of the Jubilee Seminar on "Science in Australia" arranged by the Australian National University and held in Canberra in July, several of the guest contributors to the Seminar were able to come to Adelaide; they included Dr. J. B. Conant and Sir Edward Mellanby. Dr. Conant, President of Harvard University since 1933, is one of the outstanding personalities in American academic life; Sir Edward Mellanby, formerly Secretary of the Medical Research Council of Great Britain, is widely known for his work in the fields of vitamins and general nutrition. At a Special Congregation in the Bonython Hall on August 8 the University conferred on Dr. Conant the degree of Doctor of Science and on Sir Edward the degree of Doctor of Medicine.



At the end of August, Lord Jowitt, the Lord Chancellor of England, Sir Raymond Evershed, the Master of the Rolls, and the Chief Justice of Canada, the Right Honourable Thibaudeau Rinfret, spent two days in Adelaide on their return from the Jubilee Law Convention in Sydney. The degree of Doctor of Laws was conferred on Sir Raymond and on Chief Justice Rinfret.

The Dean of the Humanities of the Massachusetts Institute of Technology, Dr. J. E. Burchard, spent a week at the University in September, contributing especially to the problem of general education as related to engineering and scientific specialisation.

In October, the University had the great pleasure of a visit from Sir Richard Livingstone. Sir Richard, distinguished classical scholar and educationist, was formerly a Vice-Chancellor in both the Queen's University of Belfast and the University of Oxford.

Other visitors during the year included Professor D. R. Hartree, Professor of Mathematical Physics at the University of Cambridge; Professor L. J. Russell, Emeritus Professor of Mental and Moral Philosophy at the University of Birmingham; Professor J. L. Montrose, Professor of Law and Dean of that Faculty in the University of Belfast; and Professor E. C. Dodds, Courtauld Professor of Biochemistry in the University of London and Director of the Courtauld Institute of Biochemistry in the Middlesex Hospital.

#### 20. GRADUATES

Important steps were taken during the year to strengthen the links between the University and its graduates. Mr. F. H. Johnson, an Oxford graduate, was appointed to the Administrative Staff to undertake, amongst other things, the secretarial work of the Graduates' Union and otherwise to promote active interest in matters that should be the concern of graduates of the University. As a first step towards that end he will produce a Gazette for circulation to members of the Graduates' Union with the object of keeping them informed on University matters. The Council consented to meet the cost of production of the first issue, which was to be circulated free to all graduates early in 1952.

A suggestion to be explored fully in 1952 is whether a Graduates' Club which would be self-supporting can be established in the University grounds. While the Council cannot give formal approval in advance to such a project, there is no doubt that some facilities could be provided in the University and that the Council would view favourably a well-conceived and organised plan which was assured of adequate support from the graduates.

#### 21. GIFTS AND BEQUESTS

During the year the Council reviewed the whole question of how best private benefactions can aid the various activities of the University and, as a result, has issued a pamphlet entitled "The Changing Role of Private Benefactions in the Affairs of the University." It is clear to the Council that some of the more fashionable objects of benefaction, invaluable in the past, are now less valuable or less practicable than they once were. The need for private benefaction

is as great as ever and only the desired character of gifts and bequests is changing in a changing world. The Council has sought to draw the attention of potential benefactors to the need for the University to achieve the largest practicable measure of independence from government funds; to the need for fostering a healthy student life within the University and to the needs of research programmes. The Council wishes to record its gratitude to the Law Society for circulating the views of the Council to all legal firms in South Australia.

During the year Mr. R. C. Baker gave £5,000 for the purpose of founding a scholarship in law in memory of his father, the late Sir Richard Chaffey Baker, and of his brother, the late Mr. J. R. Baker. The Baker Scholarship will be awarded biennially, will normally be tenable for two years, and will be of the annual value of £150; and each Scholar will, with a view to presenting a thesis for the degree of Master of Laws, pursue a course of study approved by the Faculty.

Under the will of the late Jessie Frances Raven, the University received £2,450 for the purpose of establishing the Gavin David Young Lectures for the promotion, advancement, teaching and diffusion of the study of Philosophy. Normally, a series of the lectures will be given every fourth year and the lecturer may be selected from any country in the world.

Mrs. Guli Magarey gave £1,000 for the purpose of establishing two scholarships in music, the income from one to be paid to the current holder of the Elder Overseas Scholarship tenable at the Royal College of Music, London, and the other to be awarded to a student of singing in the Elder Conservatorium of Music.

The sum of £500 was received under the will of the late A. J. N. P. Campbell for the establishment of a prize in Biochemistry in memory of Christopher and John Campbell. The prize will be awarded to the candidate who gains top place in Biochemistry at the Second Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

Miss Amylis I. Laffer gave £400 for the purpose of perpetuating the memory of the late Miss Natalia Davies, a graduate in Arts of the University. Under Miss Laffer's gift a prize will be awarded annually to the best student in a first-year course in History, and some other memorial may also be provided.

Gifts which the University gratefully acknowledges include: £2,200 from an anonymous benefactor to meet the cost of converting the old anatomy dissecting room into a staff common room; £100 from F. H. Faulding and Co. Ltd. for virus investigations; a piano from Mr. A. F. Pontt, and a violin and a viola from Dr. A. R. Alderman for the Elder Conservatorium of Music; a set of photostat copies of old manuscript maps of early Adelaide from the Master of the Rolls, Sir Raymond Evershed; a valuable album of geological air photographs of South-West Persia from the Anglo-Iranian Oil Company for the Geology Department; a number of reprints of his papers from Dr. C. E. Fenner for the Geography Department; £250 from Aberfoyle Tin, N.L., and £100 from King Island Scheelite (1947) Ltd. for the purchase of equipment for the Department of Mining, Metal-

lurgical and Chemical Engineering, and four drilling machines from Broken Hill Companies for that Department; \$1,500 from the Viking Fund of New York towards the cost of an anthropological expedition to Central Australia; equipment for the Electrical Engineering Department from the Postmaster General's Department and from Crompton Parkinson Pty. Ltd.; and from Mrs. T. Harvey Johnston a large part of the late Professor Harvey Johnston's scientific books and reprints and his world catalogue of parasites.

## 22. COMMEMORATIONS WITHIN THE UNIVERSITY

The Council honoured Sir Douglas Mawson, F.R.S., by naming the new geology building "The Mawson Laboratories." It also decided to name a Lecture Theatre in the new medical school "The F. S. Hone Lecture Theatre" and to erect in it a plaque in Dr. Hone's memory. The Hydraulics Laboratory in the Department of Civil Engineering has been named "The R. C. Robin Laboratory" and a suitable plaque will be placed there also.

## 23. NATIONAL SERVICE

The Adelaide University Regiment again distinguished itself and brought credit to the University by winning for the third year in succession the R.S.A.I.L.A. Challenge Trophy for Efficiency in competition with all other units of the Citizens' Military Forces. The University Air Squadron was established and enlisted some forty-four students.

The University and the S.A. National Service Registrar co-operated closely in making arrangements for the National Service Training of University students at the beginning of 1952. The Department agreed to restrict the call-up of students so far as possible to those who had completed their first year at the University at the end of 1951 and the University decided to adjust University terms in 1952 so as to reduce to a minimum for all concerned—national service trainees, other students, and staff—the difficulties deriving from National Service. The academic year in 1952 for all lecture classes in the University will begin on Monday, March 31, a fortnight later than would normally have been the case; the first short vacation will take place from May 26-June 7 inclusive, the normal time for that vacation; the second short vacation will be reduced from three weeks to two and will take place from August 18 to 30 inclusive, that fortnight being the first two of the normal three weeks vacation in August and September. Lecture classes will continue a week longer in the third term and examinations will begin a week later than usual. Thus for ordinary students the year will be of the normal length.

To help those students who will be engaged during January, February, March and the early part of April in National Service Training, those classes (mainly in second-year subjects) which a substantial number of such students will wish to attend, will begin on April 15, the Tuesday after Easter Monday. Lectures and practical work in them will continue a further week later in the third term thus affecting the scope and extent of the courses as little as possible.

The two short vacations will coincide with the short vacations of the other Australian Universities, thus enabling all University students, both national service trainees and others, to participate in inter-university sports and other activities that are normally held then.

As a consequence of the University degree and diploma examinations being held a week later than would normally have been the case the public examinations in 1952—Intermediate, Leaving and Leaving Honours—also will begin a week later, namely, on Tuesday, December 2.

#### 24. UNIVERSITY COLLEGES

The University learned with great pleasure that the Methodist Church had been able to buy a suitable property in North Adelaide to establish on a modest basis a fourth residential University College in South Australia. The University readily granted Lincoln College affiliation, and on examining the plans formulated by the interim College Council approved of the College's opening in March 1952.

The Commonwealth Government made in 1951 a grant of £3,095 to the University for distribution amongst the University Colleges. The Colleges are to apply the money towards teaching and administrative costs. The grant for 1951 was distributed equally amongst St. Mark's, St. Ann's and Aquinas Colleges, but a new basis of distribution has been determined for 1952 when Lincoln College also will share in the grant which however will remain at £3,095.

The University believes that the Residential Colleges provide a most valuable supplement to what the University itself can at present give its students. They nurture, more fully than the University can in its present circumstances do, the art of living together in a community subject to a discipline which is both moral and physical, and the tolerance and understanding that comes of constant and close association amongst young men and women of varied interests, opinions and social backgrounds.

Since inflation began to assume serious proportions in 1949 the Colleges have been in constant financial difficulties. Because of its faith in their value the University in 1950 and 1951 therefore supported each College to an amount of some £1,300; the Colleges, on their part, have each accepted at reduced fees five students nominated by the University.

Reports for the year 1951 supplied by the three Colleges are appended.

#### 25. STATISTICS

*Number of Students:* The total number of students was 4,345, a decrease of 319 on that of the preceding year. The number of students under the Commonwealth Reconstruction Training Scheme decreased from 913 in 1950 to 570; the number of civilian students decreased from 3,801 to 3,775. The number pursuing full-time courses of study at the University was 1,935; of these 255 were C.R.T.S. students, 56 held Honours Bursaries and 154 Leaving Bursaries from the State Government, and 606 Commonwealth Scholarships; 879 members of

the Adelaide Teachers' College and the Education Department of South Australia had their fees demitted, and 157 others received concessions in, or demissions of fees, or held other scholarships or bursaries. The number of undergraduates was 2,157, of non-graduating students 1,173 and of postgraduate students 390. Of the non-graduating students 184 attended from the School of Mines. At the Elder Conservatorium 497 students studied principal subjects and 128 attended classes only.

The number of candidates studying for the B.A. degree was 602; for the M.A. degree 18; for the B.Ec. degree 67; for the M.Ec. degree 4; for the B.Sc. degree 363; for the M.Sc. degree 46; for the D.Sc. degree 2; for the B.Ag.Sc. degree 35; for the M.Ag.Sc. degree 4; for the B.E. degree 403; for the M.E. degree 3; for the LL.B. degree 92; for the LL.D. degree 1; for the M.B., B.S. degrees 555; for the M.D. degree 10; for the M.S. degree 8; for the B.D.S. degree 89; for the M.D.S. degree 14; for the Mus.Bac. degree 8; for the Ph.D. degree 39. The number of students taking the course for the diploma in Education was 154; for the diploma in Physical Education 27; for the diploma in Commerce 208; for the diploma in Public Administration 47; for the diploma in Pharmacy 171; for the diploma in Social Science 36; for the diploma in Music 37; and for the diploma in Physiotherapy 40. Seven students attended the course in Optometry.

The following figures indicate the changes that have occurred during the last twelve years (the numbers in brackets for 1948, 1950 and 1951 refer to trainees under the Commonwealth Reconstruction Training Scheme):

	1939	1948	1950	1951
Arts (including Education, Physical Education and Economics) .....	1,044	1,459(319)	1,363(244)	1,267(146)
Science .....	205	573(148)	536( 67)	452( 31)
Agricultural Science .....	14	52( 17)	46( 10)	39( 4)
Engineering .....	297	765(213)	648(106)	599( 63)
Medicine .....	180	515(144)	586(139)	573(115)
Dentistry .....	29	105( 42)	116( 36)	104( 26)
Law .....	72	122( 68)	110( 43)	93( 27)
Music (degree and diploma) .....	29	59( 15)	38( 7)	45( 4)
Music (Conservatorium) .....	255	575(120)	595( 51)	625( 23)
Commerce .....	331	341(246)	252(132)	208( 78)
Public Administration ...	46	55( 39)	58( 34)	47( 25)
Pharmacy .....	82	139( 30)	180( 23)	171( 17)
Physiotherapy .....	18	47( 14)	51( 12)	40( 7)
Social Science .....	11	67( 34)	48( 8)	36( 3)
Optometry .....	7	14( 6)	8( 1)	7( 1)
Ph.D. Candidates ...			29	39
	<u>2,620</u>	<u>4,888(1,455)</u>	<u>4,664(913)</u>	<u>4,345(570)</u>

In 1943 the total was 2,184.

*Evening Lectures:* Evening Lectures were given in the following subjects: Accountancy I, II and III, Biology, Chemistry I, Commercial Law I, II and III, Economics II, Education, English Language and Literature I and II, French I, Geography I, II and III, Geology I, History I and II, Latin I, Logic, Pure Mathematics I, Philosophy B, Physics I, Psychology, Public Finance, Social Economics, Statistics I and II, and Zoology I.

*The Barr Smith Library:* Accessions during the year amounted to 6,613 volumes, and 906 volumes were withdrawn, so that the total number of volumes in the Library is now 163,094. The number of student borrowers increased from 2,199 to 2,494, and they borrowed 12,521 books. There was a considerable increase in the number of exempted students in the Faculty of Arts who joined the Country Lending Section, the number rising from 115 to 159. The Library lent 316 volumes to libraries in other States and borrowed 145 volumes from them.

#### 26. STATUTES AND REGULATIONS

New Chapters LXXVI, Of the Gavin David Young Lectures in Philosophy, LXXVII, Of the Baker Scholarship in Law, and LXXVIII, Of Lincoln College, Incorporated, were added to the Statutes; Chapter X, Of the Faculties, was repealed and a new Chapter substituted; and amendments were made to Chapters IV, VI, VIII, IX, XI, XXXVIII, and LVI.

The regulations governing the degrees of Bachelor of Arts and Bachelor of Economics were repealed and new regulations substituted; and amendments were made to the regulations governing the degrees of Master of Science, Master of Agricultural Science, Bachelor of Engineering, Bachelor of Laws, Bachelor of Medicine and Bachelor of Surgery, and Bachelor of Dental Surgery and the diplomas in Social Science and Physiotherapy.

#### 27. ADMISSION TO DEGREES AND DIPLOMAS

Degrees were conferred and diplomas were granted as follows:

At the Annual Commemoration on April 4:

##### *Degree of Bachelor of Laws:*

Ahern, Kevin Barry  
Bollen, Derek Willoughby  
Bray, William Harry  
Brebner, Donald Malcolm  
Burdett, John Charles  
Cleland, Michael Edward Erskine  
Duffy, Ross Martin  
Hamilton, Ian Scott  
Hermes, Clarence Lindsay  
Johnson, Jeffery William Harwood  
King, Leonard James

McGovern, Thomas Henry  
Rice, Phillip John  
Roder, John Herbert, B.A.  
Snewin, John Arthur  
Taylor, Robert John  
Thomson, Cedric Jeffrey  
Treloar, Hugh Kingsley  
Villeneuve-Smith, Cairns William  
Warden, Robert Douglas C.  
Waye, Peter Neil  
White, James Michael

##### *Degree of Doctor of Medicine:*

Crosby, Neil Daniel, M.B., B.S.  
Fowler, Malcolm Charles, M.B.,  
B.S.  
Packer, Arthur Dudley, B.Sc.,  
M.B., B.S.

Wilhelm, Donald Lancelot, M.B.,  
B.S.

*Degree of Master of Surgery:*

Magarey, James Rupert, M.B.,  
B.S.

*Degrees of Bachelor of Medicine and Bachelor of Surgery:*

Anderson, Albert Raymond	Kirkman, Edith Doreen
Barnes, David Thomas	Kunnick, Donald Kerr
Benson, William Herbert	Lowe, Daphne Rae
Birdseye, Sydney Alick	Manthorpe, Thomas Dion
Black, Nancy Helen Barham	Phillips, Colin William
Brandstater, Bernard John	Phillips, Pamela Rosemary
Brown, Ross Alvarez	Potts, John Louis
Davidson, Robert Thomas	Prest, Elizabeth Maurine
Drever, Ian Campbell	Rischbieth, Richard Harold C.
Drew, Michael John Roskilly	Shea, Brian Joseph
Dunn, David Everson	Smith, Ian Darian
Dunstan, Richard English	Steward, Harold Dunning
Edwards, Pamela Julie	Stewart, Alastair Keith McKellar
Flett, John Stanley, B.Sc.	Sweeney, John Gladstone
Geisler, Frederick	Taylor, Michael Gleeson
Handley, Harold Arthur	Tennant, Maxine Rita
Harley, James Froomes	Thornton, Digby Noel
Heitmann, John Smith	Tonkin, Aubrey Douglas
Hicks, Edward Paul	Wallman, James Douglas Robson
Hoile, Douglas Edward	Wallman, Richard John Robson
Howard, Juliet Hardman	Weetman, Alan Russell
Jackson, John Frederick	Wells, Barbara Gordon
Jones, Kenneth Thomas	Williamson, David Aubrey
Kirby, David Bevan	

*Degree of Doctor of Letters:**Ad eundem gradum:*

Smith, David Nichol, D.Litt.  
(Cambridge).

*Degree of Doctor of Philosophy:**Ad eundem gradum:*

Duncan, Walter George Keith, Ph.D. (London)	Karmel, Peter Henry, Ph.D. (Cam- bridge)
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*Degree of Master of Arts:*

O'Donoghue, Kenneth Kilian, B.A.	Roder, John Herbert, B.A.
Opie, Roger Gilbert, B.A.	Strange, Malcolm Leslie, B.A.
Pike, Douglas Henry, B.A.	

*Ad eundem gradum:*

French, Alfred, M.A. (Cambridge)	Smart, John Jamieson Carswell, M.A. (Glasgow)
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*Honours Degree of Bachelor of Arts:**In English Language and Literature:*

Clift, Lawrence Henry Marcus	Turner, Constance Mary
Gilbertson, Nannette	Wills, Caroline Marie Agnew
Strahan, Anthony William, B.A.	

*In French:*

Blackburn, Margaret Alison	Selth, Geoffrey Poole
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*In Political Science and History:*

Forbes, Alexander James deBurgh	Rendell, Margaret Patricia
Hetherington, Robert	Ross, Nadeen Adoree

*In Philosophy:*

Nilsson, Neil Alfred

*In Economics:*

Blair, Ruth Margaret

*Degree of Bachelor of Arts:*

Armstrong, Gowan  
 Barlow, Grace Barbara  
 Bentley, John Donald  
 Burnham, Mary Elizabeth  
 Clark, Henry William  
 Cornelius, Muriel Merle  
 Counsell, Ruth Kingsley  
 Coward, Ivan Fernley, B.Ec.  
 Crowe, Elizabeth Mary  
 Finlay, Ada Jeanne  
 Fricker, Lyall Peterie, B.Sc.  
 Golding, Edmond William  
 Golding, Phyllis May  
 Grubb, Yvonne  
 Harris, Cecil George  
 Hewitson, Gordon Frank  
 Hewitson, Malcolm Thomas  
 Jensen, Richard Ian Broughton  
 Kealley, Frank Shenstone  
 Kelley, William Brian  
 Laslett, George Nield  
 Lemmey, Ford Prall  
 Lewis, Richard Owen  
 Love, John Holinger  
 Loveday, Penelope  
 Lushy, Frederick Mayne, B.Ec.  
 McPherson, Margaret Helen

Maerschel, Barbara  
 Maloney, Joan  
 Muetzelfeldt, Dorothea  
 Munro, Barbara Joan  
 Nichols, Ian Andrew  
 Nietz, Arno Oscar  
 O'Brien, Francis John Romuald  
 O'Connor, Peter Joseph  
 Pearce, Alfred Moreton  
 Phillips, Ronald Mervyn  
 Platt, John Talbot  
 Power, Frances Maureen  
 Prider, Valentine Aubrey Hamilton  
 Proudman, Dorothy Mena  
 Quirk, Helen Marian  
 Scrutton, Patricia Margaret  
 Seaman, Keith Douglas  
 Sprod, Thomas Daniel  
 Strawbridge, Albert Gordon  
 Taylor, Douglas McLeod  
 Treasure, Valda Beth  
 Wahlquist, Eric Gilbert  
 Walsh, Margaret Mary  
 Waugh, William McDonald  
 Wittwer, Ivan Donald  
 Yelland, Kathleen Norah

*Ad eundem gradum:*

Price, Kenneth Bonamy, B.A. (Oxford)

Sainsbury, Keith Arthur Frank, B.A. (Oxford)

*Honours Degree of Bachelor of Economics:*

O'Donohue, Raymond Francis

Sturmev, Stanley George

*Degree of Bachelor of Economics:*

Amey, Lloyd Ronald  
 Bassett, Maxwell Aunger  
 Green, Lawrence Goodwin  
 Griggs, Robert Leslie  
 Hyde, Alan Graham  
 McMahon, Francis Leslie  
 O'Brien, John Aloysius  
 Ockenden, Robert Hartley

Paltridge, Angus Lindsay  
 Power, Francis Bryan  
 Prosser, Victor Albert  
 Ramsey, Alfred Maxwell  
 Robourn, Arthur  
 Schirmer, Gerhart Percy  
 Soar, Dudley Turner  
 Sullivan, Maxwell Douglas

*Degree of Doctor of Science:*

Cornish, Edmund Alfred, M.Sc.

Hutton, Edward Mark, M.Sc.

*Ad eundem gradum:*

Glaesner, Martin Fritz, D.Sc.  
 (Melbourne)

*Degree of Doctor of Philosophy:*

Browning, Thomas Oakley, B.Sc.

*Ad eundem gradum:*

Jellinek, Hans Helmut Gunter,  
 Ph.D. (Cambridge)



*Degree of Master of Science:*

Barnes, Charles Stalley, B.Sc.	Packer, Arthur Dudley, B.Sc., M.B., B.S.
Coaldrake, John Edward, B.Sc.	Powrie, James Kelvin, B.Sc.
Gum, Colin Stanley, B.Sc.	Robertson, William Godfrey Pit- cher, B.Sc.
Harris, Jack Ronald, B.Sc.	Robinson, Mary Kelly, B.Sc.
Llewellyn, Joan Margaret, B.Sc.	Spry, Alan Herbert, B.Sc.
McLean, Sibely Jean, B.Sc.	Wymond, Alonzo Pearse, B.Sc.
Miles, Perry Ambrose, B.Sc.	
Mitchell, Geoffrey George, B.Sc.	
Nobbs, Jack McKay, B.Sc.	

*Honours Degree of Bachelor of Science:**In Mathematics:*

Michael, James Henry	Morris, Kerwin William, B.Sc.
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*In Physics:*

Chartres, Bruce Aylwin, B.Sc.	Parker, Murray Harold, B.Sc.
Davies, Rodney Deane, B.Sc.	Weiss, Alan Austin, B.Sc.
Ellis, Brian David, B.Sc.	Worthington, Charles Roy
Liddy, Desmond Terence, B.Sc.	Ziesing, George Murray, B.Sc.
Medlin, Edwin Harry, B.Sc.	

*In Chemistry:*

Beecham, Anthony Frank, B.Sc.	Seidler, Jan Hynek, B.Sc.
Brasch, Leonard William, B.Sc.	Thomson, Bruce James, B.Sc.
Howard, Rex Trowbridge, B.Sc.	Urwin, Jack Robson, B.Sc.
Lewis, Graham Ethelbert, B.Sc.	Wilton, John Barrett, B.Sc.
Meaney, Maxwell Francis, B.Sc.	

*In Economic Geology:*

Hopkins, Brian McDonald	Tester, Donald Kenneth
Skinner, Brian John, B.Sc.	

*In Botany:*

Jeffery, Margaret Wyn, B.Sc.	
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*In Zoology:*

Chittleborough, Robert Graham, B.Sc.	Lewis, Sylvia Hilda
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*In Biochemistry:*

Welby, Maurice Lindsay, B.Sc.	
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*In Physiology:*

Johnson, Keith Douglas	
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*Degree of Bachelor of Science:*

Anglely, Ronald James	Coggins, Harold Douglas
Bennet, Mary Gilmour	Cotton, John Carrington
Blight, Thomas David	Craker, David Lindsay
Bray, Isabel Mary	Davis, Clive
Brealey, Keith Lisle	Davis, Robert George
Brett, Horace William Walter	Denby, Ernest Frank
Brice, John Marshall	Dennis, William Norman
Brown, John Arthur Stacy	Dineen, John Kenneth
Bunney, Bronte Rowland	Dore, Frederick Arthur
Butler, James Mortimer	Duncan, Robert Allan
Chennell, John Gordon Peake	Fuller, Geoffrey Roy
Chester, Leonard Raymond	Furze, Betty Joan
Chittleborough, Jeffery David	Gibbison, Marie Claire
Clark, Mary Patricia	Goldfinch, Arthur Leslie
Coats, Geraldine Dulcie	Goodwin, Geoffrey Leonard

Greenfield, Vivian Hutchison  
 Hall, Barbara Isabelle Herbert  
 Hansberry, Mary Estelle  
 Harms, John Eric  
 Hasenohr, David  
 Hensel, Gordon Maxwell  
 Holden, Geoffrey Raymond  
 Keeves, Andrew  
 Knapman, William Hamilton  
 Lang, Ian Philip  
 Laubsch, Colin Andrew  
 Lowe, John Charles  
 McCarthy, Ian John  
 McDonald, Kenneth Duncan  
 Mason, Robert Claud  
 Offord, Thomas Frank  
 Pearce, Desmond Beresford Newman  
 Pope, Geoffrey Weston  
 Priest, Reginald Arthur

Probert, James Keith Stewart  
 Reynolds, Maxwell Andrew  
 Richardson, Walter Murray  
 Rowley, Rex Cameron  
 Sandeman, Ronald John  
 Scott, Trevor Denrison  
 Seedsman, Kenneth Reginald  
 Simons, Arthur Nicholas  
 Spencer, Leslie Brian  
 Stapledon, David Hiley  
 Swann, Mary Caroline  
 Taeuber, Robert Lindsay  
 Taylor, Reginald Morton  
 Wade, Mary Julia  
 Wall, Margaret Esther  
 White, Anthony Hopper  
 Willcocks, Robert Douglas  
 Williams, Monica Houghton  
 Wylie, John Richard  
 Yeatman, Christopher William

*Degree of Doctor of Philosophy:*

Karim, Abdul, M.Sc. (Dacca)

*Degree of Master of Agricultural Science:*

Butler, Peter Forsythe, B.Ag.Sc.

*Honours Degree of Bachelor of Agricultural Science:*

Kleinig, Cyril Raymond, B.Ag.Sc.      Symon, David Eric, B.Ag.Sc.

*Degree of Bachelor of Agricultural Science:*

Brownell, Peter Ferguson	McClasson, William Barry
Carter, Maurice Vernon	Michael, Peter William
Dolling, Charles Hoani Scott	Possingham, John Victor
Doolette, John Barton	Richards, Ronald Roy
Jackson, Edward Arthur	Roe, Geoffrey Palmer
Lines, George Edward	Smith, David Floyd
Loveday, John	Smith, Louis Campbell
McBride, Glenorchy	Wells, Cedric Bayford

*Honours Degree of Bachelor of Engineering:*

*In Civil Engineering:*

Kleeman, Peter Wallace

*In Electrical Engineering:*

Poole, Richard John

*In Mechanical Engineering:*

Brooks, Brian John

*Degree of Bachelor of Engineering:*

*In Architectural Engineering:*

Bulbeck, Francis Paul  
 Davies, Donald Laurence

Johns, Rowland Walden  
 Platten, Newell James

*In Civil Engineering:*

Alexander, Donald John  
 Beverley, David William Ernest  
 Bunday, David Hamilton  
 Butterworth, Peter Walter  
 Church, Keith Neville  
 Cox, Norman Charles  
 Daly, Lawrence John

Gill, Raymond Harold  
 Miller, Joseph Brendan  
 Purdham, Robert Keith  
 Robertson, Leon Medley  
 Sharp, Bruce Burnell  
 Stodart, Donald McLean  
 Wake, Roderick Barry

*In Electrical Engineering:*

Benjaminson, Albert  
 Canaway, Geoffrey Watson  
 Clark, William Raymond  
 DeCean, Neil  
 Dyer, Bruce Herbert  
 Evans, Dene  
 Griffin, Donald Ward  
 Guster, Allan Frederick  
 Kutcher, Raymond William Harold

Marston, Colin Frederick  
 Michael, Maxwell Roy  
 Penglase, Dean Trestrail  
 Rose, Gordon Albert  
 Thomas, Walter Warren  
 Watson, Donald Robert  
 Williams, Philip Mark  
 Willington, John Mattinson

*In Mechanical Engineering:*

Bails, John Herbert  
 Bannister, Lloyd Benjamin  
 Beare, Thomas James  
 Brame, Alan John Fisher  
 Caslin, Reginald Herbert  
 Clark, John Symonds  
 Duncan, Robert Lawrence  
 Dyer, James Ross  
 Finger, Martin Rudolph

Hooker, Robert John  
 Kenny, Daniel Thomas  
 Lewis, Gordon John  
 London, Jack Warfield  
 Muizulis, Voldemars  
 Phillipps, Keith Herbert  
 Scarborough, Eric Charlton  
 Stacy, John Michael Sholto

*In Metallurgy:*

Allen, Gordon Lewis  
 Bowden, Kevin Benjamin  
 Hill, Malcolm

John, Glen Owen  
 Ketteridge, Ian Bruce  
 Wibberley, Brian

*In Mining Engineering:*

Durdin, Ronald Walter

Sainsbury, Robert William James

*Ad eundem gradum:*

Davies, Peter Owen Alfred Lawe,  
 B.E. (Sydney)

*Diploma in Secondary Education:*

Altmann, Olive Stella, B.A.  
 Barrett, William Vernon, B.A.  
 Carmen, Noel Francis, B.A.  
 Eden, Owen Frederick, B.Sc.  
 Fricker, Lyall Peterie, B.Sc.  
 Goldsworthy, John Garfield, M.A.  
 Grosvenor, Edna Mary, M.A.

Klaebe, Ruth Adelaide, B.A.  
 Kloeden, Louis Adolph, B.A.  
 McLean, Murray Colin, B.A.  
 Molloy, Raymond Brian, B.A.  
 Ray, Marjorie, B.A.  
 Welsh, James Oglesby, B.A.

*Diploma in Primary Education:*

Dunn, Sydney Stephen, B.A.  
 Golding, Edmond William, B.A.  
 Hiskey, Thomas Alan, B.A.  
 Jordan, Deidre Frances, B.A.

O'Neill, Cornelius Patrick, B.A.  
 Parsons, William Ross, B.A.  
 Smale, Thomas Charles, B.A.

*Diploma in Arts and Education:*

Ahrens, Elsie Gladys  
 Aspinall, Nancie Jean  
 Bosworth, Catherine Jean  
 Bowden, Janet  
 Brocksopp, John Ernest, LL.B.  
 Brown, Norman  
 Burley, Betty Ellanora Dawn  
 Burns, Robert Alexander  
 Butcher, Colin Sydney  
 Buttrose, Stroma  
 Bywaters, Mary Barfield  
 Chandler, Douglas Norman  
 Clark, John Stephen

Coggins, Robert Symes, B.Sc.  
 Cook, Colin George  
 Cook, Owen Gladstone  
 Dorman, Jean Alison  
 Duell, Allen John  
 Dunlop, Walter James  
 Eckert, Lexley Frank  
 Fricker, Lourdes Victoria  
 Galle, Reginald Victor  
 Giles, James Ramsay  
 Glover, Geoffrey Edward Harold  
 Gower, Charlie James  
 Hansen, Norman Victor

Harper, Brian Youl  
 Harrington, Archie  
 Harrison, Mary Elizabeth  
 Hefford, Ronald Keith  
 Hicks, Lancelot Fry  
 Hocking, Edward Bridgman  
 Hosking, William Rex  
 Humphries, Edna Jeanine  
 Keane, Kenneth John  
 Kesting, Norman Gustav  
 Kroehn, Joan Margaret  
 Lamacraft, Kenneth Ronald Ross  
 Le Cornu, Collin George  
 Leigh, Kathleen Lavinia Anne  
 McCracken, Samuel Raymond  
 McKimmon, Charles Richard  
 MacGillivray, Leith Grant  
 Mansfield, Richard Charles  
 Mausolf, Wallace

Marsh, William Clarence  
 Mundy, Robert Reginald Peter  
 Nunan, Douglas Stephen  
 Playfair, Noel Angus  
 Pole, Audrey Elizabeth  
 Redin, Lewis Charles  
 Redman, Jessie Adelaide  
 Rogers, Roma Emma  
 Rogers, Ruth Nellie  
 Rudolph, Gerald Alfred  
 Shekleton, Peter Reginald  
 Smith, Doris Elizabeth  
 Thompson, Frank Howard  
 Wiese, Ivo Ray  
 Woithe, Francis Arnold  
 Wood, Eric William Hadley  
 Woods, Donald Peter  
 Zoerner, Robert John

*Diploma in Music:*

Allgrove, Beatrice Jane  
 Cadd, Hartley Blair Hogarth  
 Marker, Lois Beatrice

Narroway, Peter Kingsford  
 Tosolini, Palmira Rose

*Diploma in Commerce:*

Alldritt, Donald Thomas  
 Carey, Gerald David  
 Davis, Brian  
 Dewar, Peter Ferguson  
 Dowling, Crosby James  
 Dynon, William Ralph  
 Fritsch, Viola Phoebe  
 Giddings, Ian Valentine  
 Harris, Robert Oxenberry  
 Haydon, Colin Maurice  
 Kilgariff, Aloysius Kevin  
 Lahiff, Arthur Stanley  
 McShane, Reginald Edward

Marsden, Bruce Cecil  
 Mathews, Hugh Charles  
 Middleton, Clement Roy  
 Mills, Robert Neil  
 Mount, Michael Jaunay  
 O'Flaherty, William Edward  
 Potter, Wilfred Tom  
 Rowe, George Eddy  
 Scanlan, Ronald Frederick  
 Schedlich, Bryan Linn  
 West, Kenneth Charles  
 Williams, Kenneth Douglas  
 Williams, Norman Lindsay

*Diploma in Public Administration:*

Doyle, Leo James, LL.B.  
 Hammond, Raymond Charles

Russell, Andrew Earl Lindsay

*Diploma in Pharmacy:*

Bishop, Ronald Lancelot  
 Callaghan, Maxwell John  
 Carlier, Ellis Gladstone  
 Cox, Peter John  
 Crago, Reginald Allen  
 Doe, Alwyn Gilbert  
 Dolman, John George  
 Flood, Harry Brougham  
 Grist, Robert Hocart  
 Grooby, John David  
 Hanna, Robert Andrew  
 Hayter, Bruce William  
 Hopewell, Edward Wallace  
 Humphrys, Arnold Clarence  
 John  
 Lyons, Colin Henry  
 McColl, Peter Donald  
 Meegan, Peter  
 Middlemiss, Brian Robert

Moriarty, Daniel Francis  
 Norman, Jack Campbell  
 Penhall, Donald Frederick J.  
 Potts, Frank Desmond  
 Retallick, John James Mark  
 Roberts, Peter Vernon  
 Schroeder, June Adele  
 Simon, John Ross  
 Storen, Walter Joseph  
 Symonds, Robert Murray  
 Teakle, John Kevin  
 Upton, Robert Maxwell Wil-  
 liam Alexander  
 Veitch, Robert Henry  
 Warren, Donald Spencer  
 Wilson, Beryl Maud  
 Wilson, Donald Kenneth  
 Woolford, Lewis Maxwell

*Diploma in Physical Education:*

Betteridge, Pamela Beth  
Braham, Henry Arnold Collyer

Grace, Gloria Dawn  
MacGillivray, Leith Grant

*Diploma in Social Science:*

Bakewell, Joan Helen  
Ball, Heather  
Boehm, Claire Edith  
Cope, Joan Maxine  
Graham, Elaine Alston  
Habib, Mary Lorraine

Hallett, Rosamund  
Osterman, Ingrid Gwendoline  
Polkinghorne, Patricia Margaret  
Warner, Joan  
Wemyss, Glenys Maisie  
Winter, Eva Bertha

*Diploma in Physiotherapy:*

Banks, Athalie Isabelle  
Banks, Garland  
Begg, Pauline

Davys, Barbara Ramsay  
McLennan, Fay Maisie  
Simpson, Rae David

At a meeting of the Council on June 29:

*Degrees of Bachelor of Medicine and Bachelor of Surgery:*

Allen, Roy  
Durham, James Graham  
Gill, Richard Townshend  
Kneebone, Clive Stuart  
Magarey, Robert Richmond  
Marcus, Irving

Milne, Kevin Fowler  
Richards, Eric Dean  
Soukup, Dorothy Mavis  
Tregonning, Alexander Gilles-  
pie Anthony  
Walker, John Adrian Mozar

*Degree of Doctor of Medicine:*

Richards, Norman Alfred, M.B.,  
B.S.

*Degree of Bachelor of Arts:*

Bennett, Floyd Chester

*Degree of Bachelor of Science:*

Miller-Randle, Alexander

*Degree of Bachelor of Engineering:*

Bennier, Donald John  
Cawdle, Robert Ferris  
Henschke, Lawrence Ronald

Howard, Ronald Walter  
Stephens, Sylvester Kevin

*Diploma in Social Science:*

Maund, Dorcen Rhoda

Whittington, Anne, B.A.

At a Special Congregation on August 8:

*Degree of Doctor of Medicine:**Ad eundem gradum:*

Sir Edward Mellanby, G.B.E.,  
K.C.B., M.A., M.D. (Camb.),  
F.R.S., F.R.C.P.

*Degree of Doctor of Science:**Ad eundem gradum:*

James Bryant Conant, Ph.D.  
(Harvard), Sc.D. (Colum-  
bia), President of Harvard  
University

At a Special Congregation on August 27:

*Degree of Doctor of Laws:**Ad eundem gradum:*

The Right Honourable Sir  
Francis Raymond Evershed,  
P.C., LL.D. (Melbourne),  
Master of the Rolls

The Right Honourable Thibau-  
deau Rinfret, P.C., LL.D.  
(McGill), Chief Justice of  
Canada

At a meeting of the Council on December 14:

*Degree of Bachelor of Laws:*

Astley, Michael John

Millhouse, Robin Rhodes

*Degrees of Bachelor of Medicine and Bachelor of Surgery:*

Bayliss, Colin Evan  
Buttsworth, Boyd Robert  
Clarke, Andrew Michael Faus-  
set  
Colebatch, Hal John Hester  
England, Ernest James  
Giles, Keith Emanuel  
Hoffman, Jack  
Lander, Harry

McCormack, Donald Douglas  
Nunn, George Marshall  
Paton, Robert  
Sandover, William Ewan  
Smith, Ewart Austral  
Spurway, John Horton  
Stokes, John Barrymore  
Webster, Stanley George  
Wilson, Edward Peter

*Degree of Bachelor of Dental Surgery:*

Annells, Ralph Edward  
Bailey, Keith William  
Burrow, John Francis  
Davy, Arthur Francis  
Day, Graham John  
Dunstan, Bruce Henderson  
Eblen, Colin Dominic  
Evans, Geoffrey Gordon Llew-  
ellyn  
Hussey, Brian Leitch  
Irwin, John Francis  
Koch, Colin Barry  
Kranz, Murray Lyall  
Lipman, Rex John  
McDonald, Bruce Alexander

McKinnon, John Desmond  
Maddern, Cecil Pomeroy  
Marriott, John Edward  
Moore, Kevin Reading  
Nairne, Robert Ian  
O'Leary, Patrick Damian  
Pater, Graham Stephen  
Rogers, Ian Frederick  
Sampson, John Coffey  
Sandow, Richard Henry  
Smerdon, David Rutherford  
South, Ronald Robert  
Stephens, Richard Clarence  
Tanko, Robert Seymour  
Wallman, Rex Horton

*Degree of Master of Economics:*

Cameron, Roy James, B.Ec.

*Diploma in Physiotherapy:*

Creswell, Joan Elizabeth  
Gray, Jule Marie  
Hammond, Marie Joan  
Hardy, Mary Mansell  
Jordan, Hilary Anne

Pitcher, Anne Barton  
Stoddart, Lorraine Mary  
Thomson, Janet Elizabeth  
Tosolini, Gwen Corinna

## 28. ACCOUNTS

An abstract, duly audited, of the income and expenditure during the year 1951 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 1951.

Signed on behalf of the Council,

J. MELLIS NAPIER,  
Chancellor.

Adelaide,  
1st May, 1952.

## REPORTS OF THE COLLEGES

## ST. MARK'S COLLEGE

In spite of grave inflation difficulties the year was very satisfactory. By leasing St. Barnabas College the Council expanded St. Mark's to a record number of 104 residents. In the Third Term, the Memorial Building was ready for occupation and the College was able to spread out, to secure much needed lecture space, and to dispense with the unsatisfactory arrangement under which some "freshmen" share rooms.

The cosmopolitan character of St. Mark's was increasingly evident. The residents included 50 South Australians (38 from country districts); 30 Western Australians; 8 Australians from other States; 10 Malaysians (Chinese or Indians); 4 Englishmen, 1 New Zealander and 1 Arab. About two-thirds of the number were Anglicans, in whose interests the Church provided a resident Chaplain. The remainder represented a wide variety of Christian and other beliefs.

During the year the College contributed 26 tutors to the Collegiate pool, which now covers the majority of University subjects. The College expresses to the tutors its gratitude for their services, and mentions particularly Dr. M. E. Chinner and Dr. J. R. Magarey, who greatly assisted seven sixth year medical men in securing their M.B.B.S. degrees. Amongst the resident staff the Master, Dr. Grenfell Price, was re-elected to the University Council and Dean of the Faculty of Arts. The National University also invited him to be a guest speaker at the Jubilee Seminar of the School of Pacific Studies. The Vice-Master, Mr. R. B. Lewis, B.Sc., was elected Deputy President of the University Sports' Association, and in spite of heavy College duties, obtained the B.A. degree with First Class Honours in Economics.

Many seniors and juniors contributed to University life. N. C. Reid was elected President of the S.R.C. for 1952; and R. R. Millhouse led the Adelaide team, which won the Inter-University debates, and was selected as leader of the Australian team for the American debating tour. In the University Regiment the College was well represented.

Members of the College continued their keen interest in University sport, particularly in rowing and rugby and Australian football. H. D. Cook was captain and G. C. Reynolds secretary of University Boats. The University Eight included five St. Mark's men, and several others played in the University football XVIII which won the premiership of the Amateur League.

In spite of the serious inflation St. Mark's ended the year with a small financial surplus. This was due, however, to the Federal and University assistance for which the College is deeply grateful. In spite of this help and the most careful and economical management, steeply-rising costs compelled the Council to increase fees in August to approximately £180 per annum, and vacation residence charges to £4/4/- a week. As the College calculates that every 10/- rise in the Basic Wage lifts expenditure by £1,000 per annum, higher fees will be inevitable if the Basic Wage continues to rise.

In conclusion, St. Mark's welcomes the foundation of Lincoln College, an event which will give additional strength to the Residential College Movement that St. Mark's pioneered from 1925. The splendid



site purchased by the Methodists on Brougham Place facilitates inter-College co-operation and marks another important extension of the University towards the north.

### ST. ANN'S COLLEGE

St. Ann's College Council expresses its appreciation to the University Council for its interest and help in 1951: in particular for the award of five University College Scholarships and for the administration of the Commonwealth Grant.

During the year the College provided residence for 47 graduates and undergraduates, including the Fulbright Scholar (for one term), the Jenkins Scholar and a Senior Research Scholar. In addition, vacation residence was provided for students from other States who were in Adelaide for University activities and for members of a Social Science Conference.

The ready co-operation of our own tutors, the Master and tutors of St. Mark's and the Rector and tutors of Aquinas, made the tutorial system a valuable and much appreciated part of college life. Examination results in 1951 were good, students gaining top credits in French II (written and oral), in Physiology and in Nutrition. There were seven other credits in degree subjects and three in diploma work. Taking the College as a whole, passes or credits were obtained in 81 per cent. of the examinations.

In addition to academic work there were talks, debates, musical evenings and other social functions. Members of the College took an active part in University societies, teams and committees, and one student played hockey for the State. It is with pleasure that we record among our visitors the Vice-Chancellor and Mrs. A. P. Rowe, Dr. Jeanne Eder of Zürich, Dr. Margaret Mead of New York, and Mrs. R. J. Rudall.

The College acknowledges with gratitude the following gifts in addition to several others: a high table and a chair in memory of Miss Kathleen Cussen from the Old Scholars of Creveen; £250, the proceeds of a garden fete, for the purchase of furniture and equipment from the St. Ann's College Foundation Committee; a bookcase and books for the library from Mrs. Carlisle McDonnell; a contribution of £100 to general funds and £200 to capital funds from an anonymous donor.

It is estimated that the College, on account of the substantial financial assistance received, will show a small surplus for the year 1951. Although the properties and assets have been reasonably maintained, substantial expenditure on painting and other maintenance is urgently necessary. Fees are to be increased in 1952 so that, with a continuing policy of watchful economy, it is hoped that the increased revenue will be sufficient to meet the rising costs which have applied throughout 1951, and which are certain to carry on for some of 1952.

### AQUINAS COLLEGE

#### Numbers

- Aquinas College opened its second academic year with numbers almost doubled. Forty undergraduates came into residence, and the Dean of Newman College, University of Melbourne, was appointed

Dean and Vice-Rector of Aquinas. The students were divided among six faculties. South Australians—mostly from rural areas—formed exactly half the student body. The remaining twenty comprised two Asians, two New Australians, and sixteen from four Australian States.

### Building Extensions

The new wing, erected alongside the original buildings, was occupied at the beginning of the year. This provides a bed-study for twenty-four students, the Dean's quarters, the Junior Common-room and a bathroom block on both floors, which makes a shower and toilet available for every four students. The old coke furnace was replaced by an oil-burning plant, electrically controlled, which supplies, day and night, hot water sufficient to cater for a college of four hundred. Each of the bed-studies is spacious, with all furniture and desk built-in, and has two windows.

In the old building, Montefiore House, modifications carried out in 1951 included the dining room extended to over double its size, and a modernised kitchen. Electric cooking was installed, also fifty-five cubic feet of refrigeration.

During the year provision was made to accommodate the students applying for 1952 by the purchase of the property of the late Mr. Isbister, K.C., which is almost directly opposite the west side of the main college buildings. The conversion of this building for student occupation was begun at the end of the year. It will enable the college to house a further 20 students with two additional resident tutors.

On September 30 the present buildings were declared formally open by the Chancellor of the University, in the presence of the Archbishop of Adelaide, the Vice-Chancellor, members of the University and College Councils, Heads of University Departments and a large gathering of friends and benefactors of the College. The College Council is most grateful to the Chancellor for his kind words on that occasion, and to the Vice-Chancellor and members of the University Council for their presence.

### Academic

The College employed twelve tutors to provide tutorials to forty extra-mural undergraduates in addition to its own forty resident students. St. Mark's and St. Ann's also made their tutorial classes available to us when smaller numbers made it desirable. Both colleges sent their students to Aquinas for Arts subjects. Aquinas is glad to acknowledge the friendly, co-operative spirit which exists among the residential colleges of the University.

In the annual examinations the College maintained its very successful average of the previous year. Ninety per cent. passed. Among the Credits were two first places and the Dr. Davies-Thomas Scholarship in Third Year Medicine. The J. E. Jenkins Scholarship also was awarded to a student of the College.

To encourage wider cultural interests among the student body, a guest speaker addressed the College every Thursday evening during the first and second terms.

### Participation in University Life

The College had a representative in the S.R.C., and several students were office-bearers in various University societies. In sporting activities the College rugby team, which is part of the University Rugby Club, from time to time supplied the University "A" team with players. One student was Football representative to the Blues Committee; another gained a Hockey Blue, and a third won his Soccer Club-Letters. Members of the College played in the following "A" teams for the University: Football, Rugby, Baseball, Basketball, Hockey and Tennis. College men were selected to play for the South Australian State teams in football, hockey and baseball; and for the Inter-Varsity Carnivals in football, hockey, baseball, rugby and tennis. Aquinas was host to the Inter-Varsity golfers during the first term vacation.

### Finance

Soaring prices, following the constantly rising basic wage, made the year an anxious one financially, but thanks to the Commonwealth Grant and University Scholarships and to the labours of a devoted Women's Auxiliary we managed to weather the storm without incurring debt.

For its help in this matter—without which the College could not continue to function during the period of inflation—and for its ready assistance and co-operation manifested on so many occasions the College Council offers the Council of the University of Adelaide its very deep and sincere gratitude.

## COMMEMORATION ADDRESSES

The Annual Commemoration was held on Wednesday, April 2, 1952. The Chancellor, in opening the proceedings, said:

Ladies and Gentlemen,

Before I enter upon the customary address, there are two things that I wish to say to His Excellency, speaking on behalf of the whole University.

First, I desire to extend to you, Sir, and to Lady Norrie, a very cordial welcome to this Commemoration. "Time conquers all," and we realise that this must be the last of these gatherings at which we shall enjoy this privilege. I therefore take the opportunity of saying how much we appreciate the interest that you have always shown in our proceedings. When the time comes to part, we—with the rest of the State—shall be sorry to lose you, but we are glad to know that you are called to another and wider field of service. And of this I can assure you—that, wherever you may go, you will take with you our best wishes for the future.

Next I would say that we had been looking forward to the Royal visit, which was planned for last month. But our disappointment was overshadowed by the sad cause for its cancellation. May we tender to Your Excellency, as the personal representative of Her Majesty, our humble duty, together with this expression of our loyalty and devotion.

Your Excellency, Mr. Vice-Chancellor, Mr. Warden, and Ladies and Gentlemen,

It has been customary at this annual ceremony to review the events of the preceding year, but I feel that any such review must necessarily prove inadequate in the time at my disposal.

It would, no doubt, be possible to summarise the year that has passed. But if you are interested in these things you will find them in the Annual Report, which will shortly be presented to His Excellency. And whatever ephemeral interest the record may have, it is no more than the facet of a changing pattern, in a purpose and design which does not change: the design to train men and women to follow their chosen professions in competence and in the spirit of service: the purpose of advancing the frontiers of knowledge and, above all, holding fast to what is best in the culture and intellectual standards of our times.

It seems to me that the events of a single year would give a very imperfect idea of the University. During the year that has gone, the Jubilee of the Commonwealth has brought us many distinguished visitors from overseas. Few of them have failed to comment on the fact that our academic buildings are both adequate and permanent. This is a state of things which is apparently rare in the universities of the British Commonwealth. And I should add that, with one exception—the Geology building which will be known as the Mawson Laboratories, to perpetuate the name of a great scientist and explorer who has served the University long and well—these permanent struc-

tures were erected before the costs of building reached their present prohibitive scale. The fact is that we are benefiting to-day by the courage and foresight shown in the immediate post-war years by the Council of that time, and shown particularly by my predecessor, Sir William Mitchell, and by the Chairman of the Finance Committee, Sir William Goodman.

But, in the affairs of a university, people matter more than buildings, and to-day we are reaping a richer harvest than bricks and mortar. When I was speaking last year, I referred to the abnormal influx of new staff, which was then at its height, and I said that their coming might involve stress and strain in the existing structure. There have indeed, been great changes, but I think that it would be difficult to pay a higher tribute to those who controlled this University in the past than to tell you—as I can—that the assimilation of the new staff, who are now in a majority, has been accomplished without any noticeable stress or strain. This speaks well for the corporate spirit built up during decades of wisdom and understanding. But we cannot be content to dwell on the past, or to deal only with current problems. It seems to me that we have to look ahead, and to forecast future aims and needs. I shall speak later of some of the things that we have in mind, but, first, there are some happenings of the past year to which I must refer.

We regretfully record the death of two of our Professors: Professor T. Harvey Johnston, who died on the eve of his retirement, and Professor R. C. Robin. Their great services to the University are described in the Annual Report. We mourn their loss, and our sympathy has been expressed to their relatives. During the year four new Professors were appointed. Professor D. Nichol Smith—who came to us, as a distinguished scholar, for a brief period—consummated his happy tenure of our chair by leading us to appoint Dr. A. N. Jeffares as his successor. The vacancy in the chair of Engineering, caused by the untimely death of Professor Robin, has been filled by the appointment of Mr. F. B. Bull. The chair of Zoology has been filled by Dr. W. P. Rogers, and the new chair of Plant Genetics by Dr. D. G. Catcheside, F.R.S. To our new Professors and to thirty others who have joined the academic staff during the past year the Council extends a cordial welcome, in the hope and confidence that their lives in this University will be fruitful and happy.

On the financial side, the year has been all that could be hoped for in these times, and the year ended without deficit. This was made possible by the sympathetic and understanding attitude of the State Government. Without this generous aid we should have been compelled to curtail our activities, with results that must have been apparent and, I think, disastrous during the next decade. The present position, as I outlined it last year, is that the State Government has offered to provide from year to year, such financial assistance as may be necessary to enable the University to maintain standards reasonably comparable with those of other Australian universities. This understanding has been observed by both sides, and there is every reason for believing that this simple formula will suffice to carry the University through this difficult period.

The Adelaide University Regiment has once more distinguished itself by winning, for the third year in succession, the Challenge Trophy for efficiency. This has been won in competition with the Citizens' Military Forces of Australia. It is a remarkable achievement, and I take this opportunity of congratulating the Regiment upon its win, and, even more sincerely, upon the spirit which it evinces. During the year the University Air Squadron was established, and has already enlisted more than forty members.

There are other respects in which we have every reason to feel satisfied with the result of steps taken during the last few years. The Study Leave scheme is flourishing. I think that no one intimately concerned with the affairs of the University will doubt that its cost is insignificant in relation to its inestimable benefits. The Staff Club, equipped by the generosity of an anonymous benefactor, has now been open for a year, and there is no doubt that it has been a very important factor in the astonishing ease with which the new members of our staff have settled in and been assimilated with the old.

Research has been described as being to a university what morale is to an army, and, in the past, research in this University has been handicapped by the shortage of staff, but the past year has seen the formation of new research teams, and a general quickening of these activities. Research is a slow-growing and sensitive plant. The Council cannot command that the frontiers of knowledge be extended, but it can provide the soil in which the plant can flourish. In this connection I should like to say something about the Waite Agricultural Research Institute. In recent years the depletion of the staff of the Institute caused the Council no little anxiety, and there were fears that it might lose its pre-eminent position in the Southern Hemisphere. I am glad to say that, since our last Commemoration, the filling of vacancies and the creation of new posts has brought eight new recruits to the Waite Institute. A matter for particular satisfaction is the establishment of the new chair in Plant Genetics, which has been made possible by the long-sighted action of the Commonwealth Scientific and Industrial Research Organisation in providing a very substantial proportion of the costs. For this chair we have been fortunate indeed in securing the services of Professor Catcheside. So far as the Waite Institute is concerned, it would seem that the lean years are behind us and its greatest years to come.

To complete this brief survey, there are two matters, occurring towards the end of the year, to which I must refer. The first is the affiliation of Lincoln College, established by the Methodist Church. I extend a cordial welcome to this the fourth residential college for students, and do not doubt that it will worthily fulfil its great purpose. The other matter to which I must refer is the appointment of Mr. Frank Borland to the newly-created office of Warden of the Students' Union. I take it that many of you will be familiar with his broadcasts and able to appreciate the considerations that have induced the Council to choose him for the post. But that brings me to speak of the unchanging purpose which underlies our day-to-day concern with the affairs of administration—the business of equipping the men and women of the future for a life of usefulness and service.

The problem that will not be solved in a year, nor perhaps in a decade, is that of enabling our students to live a full university life. Our Australian universities are well on the way towards opening their doors to talent and industry, from whatever income-level these may come. It is to these young people that we look for the leaders of the future, and it is idle to expect that mere attendance in a lecture room or laboratory can provide an adequate training for leadership. The changing conditions constitute a challenge to which we must respond. We have made a beginning, but it is only a beginning. We welcome the new college, and we count ourselves fortunate in securing Mr. Borland's services as Warden of the Union, but the problem will not be solved until the Student Union facilities are improved; and a much larger percentage of our students can be admitted to the privilege of residence in affiliated colleges.

For these purposes we have to rely upon private benevolence. Much has been done but much remains to do, and for the information of any who may be able and willing to help, the Council has issued recently a pamphlet dealing with this problem. It is entitled "The Changing Role of Private Benevolence in the Affairs of a University," and we are grateful to the Law Society for circulating it to legal practitioners throughout the State. I commend it to the attention of anyone who may be interested in these things.

There is another matter in which a beginning has been made. In the past, very few of our graduates have maintained any close association with the University after leaving it. That is not as it should be. Our graduates are men and women with trained minds, and in a large measure they have the responsibility for upholding scholarship, learning, and the highest maintainable standards in the community. In order to discharge that responsibility they need to be kept in touch with the University. We need their interest in what we are doing and thinking, and they need the stimulus of contact with the life and thought of the sodality.

So, speaking to those who are to graduate to-day, and to the graduates of the past, I would ask them to watch with understanding the effort of the Council to foster the spirit of loyalty to the University, and to assist in creating a strong graduate body pledged to uphold the things for which we stand.

It seems to me that this is sine qua non to the discharge of our duty to the community. Almost without our noticing it a peaceful revolution is taking place before our eyes. Until recently the benefit of a university education was generally confined to the privileged few who could pay for it, and the professions were filled from this minority. Those who could not afford to go to a university found other spheres of activity, and the best might be expected to rise to leadership. But now our doors are opened to all who have the ability and industry to profit by a university education. What is to happen in the spheres not traditionally calling for this education, if substantially all of the ablest of our young people reject or are rejected by them? Leadership in all spheres there must be. However far we travel along the road leading to an equal distribution of wealth and opportunity we cannot imagine equality of responsibility. No social structure has so far been

devised without vesting authority and responsibility in a minority of the community. It may be that, as communities grow in size, the tendency is towards vesting more and more of the real power and responsibility in fewer and fewer. But, however that may be, it is not a pleasant thought that, in time to come, leadership in many spheres of Government administration, in banking and other commercial activities, and in the Trade Unions, is liable to fall very largely to those who lack the ability or the industry which we are coming to regard as the passport to the University. In order to avoid this unhappy conclusion some adjustment of our outlook may be required. All that concerns me at the present moment is to pose a problem which requires earnest consideration, not merely by the Council, but by the whole community.

Now, I desire to offer my warmest congratulations to those who are about to receive their degrees and diplomas, and to those who have won scholarships and prizes. And, before I resume my seat, I wish to speak more particularly to those who are completing their course of study, and, in that sense, leaving the University.

This is to you a red-letter day. It marks the end of one stage and the beginning of another. Until now you have been laying the foundations. They are, I trust, well and truly laid, but it remains for you to say what and how you will build on them. Our hope is that your work, whatever it may be, will be done wisely and well. But I would ask you to remember that the University goes on.

Great changes there may be from time to time, but I appeal to you to see to it that the tradition and the design stand constant and immutable. In the words of T. S. Eliot:

So that you may remember  
That the Temple is forever building,  
forever to be destroyed, forever to be restored.  
So that you may remember, seeing the past,  
The dim waste plains of the future  
where the Temple is still to be built.  
So that you may remember  
The lives that await their time to be born  
On the dim vast plain of the future, burning as lonely lights.

In opening the proceedings at the evening ceremony for the granting of diplomas, Professor W. G. K. Duncan said:

Mr. Chancellor, Mr. Vice-Chancellor, members of the Council and Senate of the University, ladies and gentlemen,

My first duty is the very pleasant one of offering congratulations to those of you who are about to receive diplomas, and to wish you well in your varied callings. I trust that you will be able to look back on your all-too-brief stay with us here at the University as one of the most stimulating and exciting periods of your lives; that you will carry with you throughout life a genuine itch to know the causes of things. For, unless you do, we shall have failed in our efforts as university teachers.



This leads me to my second duty, which is, I take it, on an occasion such as this, to make some general observations on the role and functions of a university. Most of you are no doubt aware that at a recent meeting in Hobart of the Australian Universities Vice-Chancellors' Committee, a separate session was devoted to a discussion of the place of a university in its community. "The Committee," we are told, "agreed that the contribution of universities to society should be reckoned not only in terms of the professional proficiency of the graduates they produce, or of the value of their contributions to research, but also in terms of their part in determining and moulding our way of life."

In commenting on this, our own Vice-Chancellor is reported to have said: "Some universities feel that if members of university staffs make unbiased and scholarly contributions to contemporary problems, some fashionable political or other label may be attached to them to the detriment of their universities. If this is true," he added, "it is a serious problem, which needs to be faced." As it affects university staffs, this problem has been ventilated a little in the columns of one of our newspapers. But "label-sticking" is not confined to university professors. In the United States, of recent years, it has become a threat to everyone in public life. Unchecked, this label-sticking would endanger our whole democratic way of life. If the universities could help to check it, they would, I think, be serving the community in precisely the way the Vice-Chancellors' Committee had in mind.

Each year the University sends out into the community some hundreds of graduates—not a very large proportion of the total working population, it is true, but qualitatively a group of prime importance. By virtue of their abilities and training, these men and women will, within a few years, attain senior positions in their various callings, and come to exercise a considerable influence on their colleagues and associates. Their qualities of mind and character will play a significant part in "determining and moulding our way of life."

What, then, are the qualities which a university should foster in its students, in order, through them, to serve the community? Habits of mind, I should say, which characterise the sound scholar and the genuine scientist. An open mind, a respect for evidence, a capacity to think critically and objectively, a willingness to suspend judgment pending further inquiry, an energy of the mind which prevents scepticism sinking into a lazy cynicism, an ability to recognise and to respond to "the excellent," above all, perhaps, a width of vision and a maturity of feeling suggested by the word disinterestedness. To be disinterested, need I add, is not to be uninterested or indifferent. It means that however interested we are, we take a wider view than that dictated by self-interest.

These qualities I have listed could, I think, be fostered within every faculty and department of a university—whether it be Arts or Economics, Science or Engineering, Medicine or Law. They could, but *are* they? In our concern to keep abreast of, and to impart to our students, the latest developments within our own field of work, how much thought do we give to the habits and qualities of mind of our students? Do we provide the right conditions for students of different

faculties to meet and mix and educate each other by becoming aware of and learning to respect different points of view? Do we attract our graduates back to the University—to refresh their minds and re-charge those of them who have come to occupy positions of responsibility with a disinterested concern for the public weal?

These and similar questions are very much “in the air” nowadays; and it is a healthy sign that they are. But the particular point that I wish to emphasise is the contribution the university could make to the community if its graduates, realising how basic to democracy is the quality of toleration, were themselves conspicuous examples of it. Through them, checks could be established in the community to the rising tide of political intolerance, of which “label-sticking” is such an ominous sign.

No doubt you have all read in the press of Senator McCarthy’s activities in the United States, and of the reckless charges he makes against individuals haled before the Committee on Un-American Activities. The hearings of this Committee, together with the “loyalty purges” conducted by the Federal Board of Investigation, have resulted in something like a “witch hunt” in America, with its inevitable accompaniments of mass hysteria and character assassination. Once labelled a “Red” or a Communist, the victim finds it almost impossible to remove the smear. No matter what evidence he produces in his defence, the initial publicity given to the charges against him undermines his reputation and jeopardises his livelihood.

This means more than a succession of personal tragedies, for the cumulative effect of the trials is to demoralise the whole community. A tremor of fear runs through the community as each fresh victim is named; fear and anger among the unthinking, fear and uneasiness among the sober-minded, for to them occurs the disturbing reflection: “There, but for the grace of God, go I—and perhaps my turn will come. Can I afford any longer to express my real opinions in public? Should I even tolerate, let alone associate with, those who are critical of things as they are?” This is the atmosphere of the police state, not of democracy. Conformity takes the place of toleration as a social virtue, and the test of loyalty is not a citizen’s behaviour, but the ideas he holds, has held in the past, or even is thought likely to hold in the future.

This surely is treachery to America’s own tradition of dissent, expressed in Jefferson’s dictum that the proper remedy for bad opinions is not punishment, but good opinions. Happily there is evidence that liberal opinion in America is now rallying in defence of such beliefs. There is a widespread revulsion of feeling against heresy-hunting, and a growing realisation that the people most guilty of “un-American activities” are McCarthy himself and people like him.

One illustration of this is the appearance recently of a book entitled “The Loyalty of Free Men,” by Alan Barth, a well-known leader-writer for “The Washington Post.” Attention has been drawn to this book by the leading article in “Nature” for December 22 last, entitled “Academic Freedom and Civil Rights.” (Perhaps I might mention that the Staff Association of the University of Western Australia thought

this article so important that they had it duplicated and circulated to all members.) I should like to quote from this article, for it shows how Barth goes to the heart of the problem of coping with Communism without sacrificing our democratic traditions.

"Mr. Barth's main purpose," it says, "is to arouse the American public from the relative complacency with which it has watched the Committee on Un-American Activities and the Federal Board of Investigation not merely endanger academic freedom and stultify scientific research, but invade even the liberties that the 'fathers' of the American Republic were most concerned to establish. He examines in its widest context the inroads upon civil liberties of all kinds that have resulted from activities prompted by agitation about the dangers of Communist activity in the United States, and the way in which the real but limited problem of espionage and sabotage has been confused with a much wider attempt at the suppression of political activity or thoughts that are construed as even potentially subversive. He has, himself, no tenderness towards Communism; he is well aware of the danger inherent in the fact that the Communist's first loyalty is not even to the academic discipline in which he may have been trained.

"Nevertheless, Mr. Barth is convinced that the problem is not a political one, but one of counter-intelligence, and that the danger can be averted by rational security measures that violate neither civil liberties nor resort to extra-legal sanctions. The law is competent he believes, to deal with overt acts of spying or sabotage, and he is prepared to advocate the abandonment of the whole loyalty programme as a betrayal of democracy, and to rely on the judgment and commonsense of academic and departmental authorities in choosing their staff."

Barth's book is not, of course, the last word on the matter. I cite it simply as evidence of a reaction in America against the excesses of McCarthy-ism, and as an important contribution to the problem which confronts the whole free world, of how to cope with Communism. We haven't, as yet, set up a Committee on un-Australian activities, but label-sticking is by no means unknown. Ask anyone who is intimately acquainted with our Trade Unions whether or not there is a tendency nowadays to brand all militant trade unionists as "Commos," and all non-militants, shall we say, as "tykes," and, where this occurs, what its effects are on the ordinary member. Calling people names may not "break their bones," but in politics it has a confusing and paralyzing effect on everyone's thinking.

How is it to be checked? Not simply, I am afraid, by appealing for better manners. Name-calling is only one of many symptoms of a growing intolerance which springs from a sharpening conflict between political creeds. Can democracy as we know it and communism in its Russian guise, go on living side by side, or must they fight it out? Wars breed intolerance; we are already, it is said, in the midst of a "cold war," and as the temperature rises, so will intolerance grow. But will the temperature rise? *Need* it rise? Can we do anything to keep it down?

People within universities can do at least these three things: We can try first of all to understand the causes and conditions of conflict between political creeds; secondly, we can remind ourselves of the devastating effects in previous ages of trying to enforce a single creed, such as a religious creed; and thirdly, we can study the way in which religious toleration was slowly achieved, and perhaps learn from this how to guide our efforts at political toleration.

As to the first of these points, all I have time to do is to refer to an article written by Bertrand Russell nearly 30 years ago, called, prophetically, "The Danger of Creed Wars." (You'll find it reprinted in his book called "Sceptical Essays.") In it he argues that whereas commerce has a liberalising effect on a community, industrialism is by its nature synthetic and intolerant, given to large-scale organisation and eventual monopoly. With the spread of industrialism throughout the world, he feared an era of conflict between rival monopoly groups, each backed by an appropriate and dogmatic political creed. This strife would last, he said, as long as men continue to place an undue emphasis on the economic aspects of life.

What chance, we may ask, is there of any great shift in the focus of our present-day interests? In a food-hungry world, as ours still is, is it likely that men will turn from economic issues to what we like to call "the higher things of life"? We may, of course, entertain the hope that within the next 50 years or so atomic energy will be harnessed to peaceful purposes and will be so plentiful as to relieve us of most of our economic anxieties. But that is, at best, a vague hope, and it still leaves us with the problem of preserving peace during the next 50 years or so.

How can a community hold together if its citizens are so opposed in their beliefs as are liberal democrats and authoritarian communists? Does not the unity of the State demand a unity in fundamental beliefs? But does it? Let us remember our history. For hundreds of years European communities bled themselves white in a futile effort to preserve uniformity of religious belief. To them religious issues were just as fundamental as economic issues are to us. They honestly believed that heresy would undermine the stability of the State as well as condemn the individual to everlasting damnation.

It is indeed highly illuminating to go back to the 17th century and see how difficult it was, even for the enlightened leaders of that time, to reconcile themselves to differences in religious belief. Toleration came slowly and painfully as a grudging concession to error that could not be eradicated, rather than as a good in itself. Even the great John Milton, whose "Areopagitica" is one of the most eloquent pleas for liberty of thought and discussion ever written, drew the line at what he called "popery and open superstition." Does it not come as a shock to realise that the author of that magnificent cry: "Give me liberty to know, to utter and to argue freely according to conscience above all liberties," that such a man excluded Roman Catholics from the toleration he advocated? Milton regarded Catholicism not so much as a set of dogmas as an engine of persecution and oppression, and in the name of liberty he refused it liberty. Isn't that the attitude nowadays of many people towards Communism? In the name of liberty they refuse liberty.

It is worth noting, too, that whereas the right to worship in their own way was granted to Protestant Nonconformists by the Toleration Act of 1689, Roman Catholic Emancipation did not come officially in England until 1829 (i.e. 140 years later). One of the main reasons for this discrimination was the widespread disbelief in the political loyalty of Catholics. Not only were they the backbone of the Jacobite party, but many of them (as it was feared) placed loyalty to the Pope above loyalty to the Crown.

Is not that also the attitude of many people towards the Communists? Aren't Communists feared and distrusted because they are likely to place loyalty to Moscow above loyalty to Australia? Here and now that is probably true of genuine Party members. But may it not be possible at some time in the future to reconcile Communism with loyalty to a particular nation-state just as everyone takes it for granted now that a belief in Roman Catholicism is perfectly compatible with loyalty to the Crown? In case that sounds rather far-fetched, let me remind you that this has already happened in Yugoslavia, where Tito claims that his regime is still a Communist one, despite his break with Stalin. If Tito-ism were to spread (to China, say, or Czechoslovakia), or if Russia was to give up its dreams of world power, Communism might cease to be regarded as a treasonable conspiracy.

Perhaps I had better make at this point an explicit disclaimer: that I am not concerned in any way to defend or to apologise for Communism and its adherents. I am concerned rather, as I mentioned when discussing Mr. Barth's book, with "the problem of coping with Communism without sacrificing our democratic traditions." By glancing at the history of religious toleration I have tried to remind you of two things. The first is that it is not necessarily destructive of national unity to tolerate differences in fundamental beliefs. The second is that heresy-hunting is as harmful to the community as a whole, as it is harsh and cruel to individuals. Label-sticking fosters timidity and conformity rather than the frank and fearless expression of opinion. Democracy cannot flourish unless people have the courage both to express their own opinions in public and to defend the right of other people to express different opinions.

Toleration is an extremely difficult quality of mind to achieve and to practise, but where it was achieved in the religious sphere—first of all in Holland, and later in England—it was shown to result in national strength and prosperity as well as in individual freedom. Toleration (implying as it does both courage and a genuine respect for the opinions of others) is one of the qualities that should distinguish the university graduate. If, year by year, the university were to turn out men and women possessing this quality, it would be discharging one of its most important responsibilities in a democratic community.

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# Financial Statements

1951

## THE UNIVERSITY

*Account of Income and Expenditure for the year which ended  
Section 28 of the University*

	INCOME.	£	s.	d.	£	s.	d.
<i>H.M. Government of South Australia—</i>							
Annual Subsidy on Endowments (excluding Subsidy on Peter Waite Endowment shown elsewhere) .....		35,000	0	0			
Annual Statutory Grant .....		4,000	0	0			
Annual Grant .....		224,558	0	0			
					263,558	0	0
<i>Fees—</i>							
Schools of Arts and Science .....		13,585	19	2			
School of Agricultural Science .....		1,126	12	2			
Schools of Engineering .....		10,672	12	1			
School of Law .....		1,978	12	6			
School of Medicine .....		19,798	19	10			
School of Dentistry .....		3,494	14	0			
School of Music and Elder Conservatorium .....		9,727	16	10			
Public Examinations in Music .....		2,955	5	5			
Diplomas in Commerce and Public Adminis- tration .....		1,620	3	8			
Diploma in Physical Education .....		183	17	6			
Diploma in Social Science .....		504	19	0			
Diploma in Physiotherapy .....		1,426	4	4			
Public Examinations .....		8,880	17	10			
					75,956	14	4
<i>Interest and Dividends</i> .....					32,924	16	0

Forward

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 372,439 10 4

## OF ADELAIDE

on the 31st December, 1951, furnished in compliance with  
of Adelaide Act, 1935-1951.

EXPENDITURE		£	s.	d.	£	s.	d.
<i>Schools of Arts and Science (including subjects for other Faculties)—</i>							
Salaries, including Superannuation—							
Arts	.....	45,038	19	7			
Science	.....	52,404	3	0			
<i>Other Expenses—</i>							
Additional Examiners, Examination Papers, Printing, etc.—							
For Degree Examinations, etc.	.....	1,459	10	10			
Physical Laboratory	.....	2,782	11	9			
Chemical Laboratory	.....	2,424	19	8			
Geological Laboratory	.....	611	14	5			
Economic and Mining Geology	.....	394	2	7			
Koonamore Botanical Reserve	.....	19	5	4			
					105,135	7	2
<i>Public Examinations</i>	.....				9,262	17	11
<i>Engineering Schools—</i>							
Salaries (excluding Science subjects) .....							
		24,858	4	4			
<i>Other Expenses—</i>							
Lecture Fees to School of Mines	.....	1,814	13	0			
Fees to School of Arts and Crafts	.....	56	5	0			
Printing and Advertising	.....	512	3	3			
Supervisors and Sundries	.....	7	16	0			
Travelling Expenses	.....	113	6	9			
Mining and Metallurgy Laboratory	.....	1,441	6	1			
Civil Engineering Laboratory	.....	1,787	4	1			
Mechanical Engineering Laboratory	.....	2,317	8	3			
Electrical Engineering Laboratory	.....	2,098	4	1			
Survey Camp	.....	171	10	9			
Workshop Maintenance	.....	29	2	8			
					35,207	4	3
<i>School of Law (excluding Arts Subjects)—</i>							
Salaries, including Superannuation .....							
		4,995	18	6			
<i>Other Expenses—</i>							
Additional Examiners, Examination Papers, Printing, etc. ....							
		234	15	1			
					5,230	13	7
<i>School of Medicine (excluding First-year Science)—</i>							
Salaries, including Superannuation .....							
		44,357	19	10			
<i>Other Expenses—</i>							
Additional Examiners, Examination Papers, Printing, etc. ....							
		2,197	12	1			
Anatomical Laboratory	.....	524	2	3			
Physiological Laboratory	.....	1,111	0	8			
Pathological Laboratory	.....	1,128	9	4			
Biochemical Laboratory	.....	740	5	5			
Bacteriological Laboratory	.....	957	9	4			
					51,016	18	11
<i>Biochemical Laboratory—</i>							
Purchases out of Special Donations, etc. ....							
		264	6	6			
					51,281	5	5
					206,117	8	4
Forward							

## FINANCIAL STATEMENTS

	£	s.	d.	£	s.	d.
	Brought forward			372,439	10	4
<i>Rent—</i>						
Globe Chambers .....	1,800	0	0			
Waymouth Street Property .....	708	0	0			
Investment Properties .....	4,784	18	7			
				7,292	18	7
<i>Calendar—</i>						
Received on Sale of Calendars .....				166	12	7
<i>Pharmaceutical Society of S.A.—</i>						
Grant for Pharmacy Classes .....				700	0	0
Sundry Sales and Refunds .....				1,142	19	0
Hire of Rooms and Microscopes .....				951	0	11
Workshops—Recoveries of Overhead Charges, etc.				2,390	19	4
Donations .....				264	6	6
<i>Grants by Commonwealth Government—</i>						
Research Grant .....	14,442	0	0			
Physical Education .....	2,100	0	0			
Australian Literature .....	100	0	0			
				16,642	0	0
External Scholarships .....				390	5	5
<i>Administrative Charges—</i>						
Public Examinations .....	888	1	9			
Music Examinations .....	295	10	6			
				1,183	12	3
<i>F. L. Benham Trust—</i>						
Interest and Dividends .....				2,451	8	0

Forward

406,015 12 11

	£	s.	d.	£	s.	d.
Brought forward				206,117	8	4
<i>School of Dentistry (excluding Medical and Science subjects)—</i>						
Salaries .....	7,566	2	10			
<i>Other Expenses—</i>						
Additional Examiners, Printing, and Advertising, etc. ....	339	4	0			
				7,905	6	10
<i>School of Music and Elder Conservatorium—</i>						
Salaries, including Superannuation .....	15,292	19	0			
<i>Other Expenses—</i>						
Concert Account .....	606	0	7			
Examiners .....	41	19	4			
Advertising, Printing, Scholars' Fees, Music and Sundries .....	677	11	4			
Tuning Organ and Pianos .....	197	9	0			
				16,815	19	3
<i>Public Examinations in Music—</i>						
Examiners' Fees and Expenses .....	1,070	11	8			
Advertising and Printing .....	336	1	0			
Sundries—Expenses Local Centres, etc. ....	1,125	19	7			
Scholars' Fees .....	180	14	6			
Expenditure—Ruby Davey Bequest .....	444	18	2			
				3,158	4	11
<i>Diplomas in Commerce and Public Administration (excluding Economics)—</i>						
Lecturers' Salaries .....	1,960	0	0			
Printing, etc. ....	74	5	2			
				2,034	5	2
<i>Diploma in Physical Education—</i>						
Lecturers' Salaries .....	2,301	0	11			
Apparatus, etc. ....	299	4	11			
				2,600	5	10
<i>Diploma in Social Science—</i>						
Salaries .....	2,023	5	8			
Printing, etc. ....	41	9	8			
				2,064	15	4
<i>Diploma in Physiotherapy—</i>						
Salaries .....	1,707	5	9			
Printing, etc. ....	81	1	0			
				1,788	6	9
<i>Diploma in Pharmacy—</i>						
Salaries .....	470	15	9			
Printing, etc. ....	38	11	0			
				509	6	9
<i>Scholarships and Prizes—</i>						
Angas Engineering Scholarships .....	207	10	0			
John Howard Clark Prize .....	20	0	0			
Stow Prizes and Scholarships .....	15	0	0			
Everard Scholarships .....	30	0	0			
Eric Smith Scholarship .....	46	19	0			
Roby Fletcher Prize .....	10	0	0			
Dr. Davies Thomas Scholarship .....	20	0	0			
Hartley Studentship .....	25	0	0			
Tinline Scholarship .....	30	0	0			
David Murray Scholarship .....	50	0	0			
John Creswell Scholarship .....	63	0	0			
Alexander Clark Memorial Prize .....	12	10	0			
Lister Prize .....	11	9	2			
Forward	541	8	2	242,993	19	2





	£	s.	d.	£	s.	d.
Brought forward	541	8	2	242,993	19	2
John Lorenzo Young Scholarship	30	0	0			
John L. Young Scholarship	45	0	0			
Eugene Alderman Scholarship	37	0	0			
Fred Johns Scholarship	70	0	0			
Archibald Watson Prize	6	6	0			
T. G. Wilson Travelling Scholarship	225	0	0			
R. W. Bennett Prizes and Medals	8	0	0			
Chapman Prize	10	10	0			
William Gardner Scholarship	45	0	0			
Selbourne Moutray Russell Scholarship	29	8	0			
J. Varley Endowment	29	8	0			
Andrew Scott Prize for Latin	6	0	0			
James Gartrell Prize	10	0	0			
Tormore Prize	6	0	0			
M. Rees George Memorial Prize	6	0	0			
The Cable Makers Association Prize	10	10	0			
The Lokan Prize	3	0	0			
B.M.A. Section of Clinical Medicine Prize	5	5	0			
Australian Dental Association Prize	5	0	0			
St. Alban Scholarship	15	0	0			
Wyeth Prize	10	0	0			
Thornber Bursary	22	0	0			
Mining and Metallurgy Bursaries	210	0	0			
Elder Prize	10	0	0			
Hardwick College Prize	3	0	0			
Way College Old Collegians Prize	5	5	0			
Miss Martins Old Scholars Prize	4	18	0			
J. E. Jenkins Scholarship	30	0	0			
Gladys Lloyd Thomas Scholarship	14	14	0			
James Barrans Scholarship	30	0	0			
Commonwealth Institute of Accountants Prize	30	0	0			
Elsie Marion Cornish Prize	7	7	0			
S.A. Chamber of Manufactures Inc. Prize	10	0	0			
Dental Board of S.A. Prize	5	0	0			
Aust. Institute of Cost Accountants Prize	3	3	0			
The Electricity Trust of S.A. Prize	10	10	0			
Conservatorium Old Scholars Association Prize	14	14	0			
Violet de Mole Scholarship	4	1	3			
J. B. Cleland Prize	5	0	0			
E. Harold Davies Prize	14	14	0			
Edith Hubbe and Harriet Cook Prize	16	0	0			
Natalia Davies Prize	10	0	0			
	1,614	1	5			
Less Balances carried to Scholarships and other Accounts (net)	202	18	7			
Residential Colleges—Scholarships				1,411	2	10
				4,033	13	0
Administration—						
Vice-Chancellor's Office (including Super- annuation)	2,993	19	4			
Registrar's Office (including Superannua- tion)	17,666	1	2			
	20,660	0	6			
Library—						
Salaries (including Superannuation)	8,882	19	6	29,543	0	0
Forward				277,981	15	0

## FINANCIAL STATEMENTS

	£	s.	d.	£	s.	d.
Brought forward	406,015	12	11			

Forward

406,015 12 11

	£	s.	d.	£	s.	d.
				277,981	15	0
Brought forward						
Senate				213	5	3
Australian Vice-Chancellors' Committee expenses				286	16	10
Stationery				4,882	4	8
Buildings—Repairs, Additions, and Alterations				12,696	17	11
Maintenance of Grounds and Site				6,045	12	7
Maintenance of Investment Properties				3,070	13	1
Maintenance of Lifts				52	13	9
Miscellaneous Expenses—						
Advertising, Printing, House Sundries, Auditors' Fees, etc.	5,126	16	2			
Petty Cash	188	6	4			
Insurance Premiums	733	10	3			
Telephone Charges	2,200	11	3			
Gas, Water, and Electric Supply	7,718	12	8			
Removal to New Buildings	30	18	6			
				15,998	15	2
Trustees of the Sports Ground				2,970	19	9
Caretakers and Cleaners' Wages				13,835	14	11
Students' Loan Fund				100	0	0
Travelling Expenses				267	16	3
Study Leave				6,855	8	5
Australian Journal of Experimental Biology and Medical Science, Grant				300	0	0
Calendar—Printing				1,904	7	5
Exchange of Remittances to London				2,408	6	10
Pay Roll Tax				6,087	0	9
Medical Post-Graduate Committee				1,000	0	0
Interest—Credited to the following Accounts:						
S.A. Orchestra Permanent Fund	27	5	8			
Animal Products Research Foundation	503	3	0			
Waite Agriculture Research Institute	395	12	6			
Journal of Experimental Biology and Medical Science	201	18	8			
Rose Grainger Orchestral Fund	40	3	9			
Cancer Research Donations	233	14	4			
Anti-Cancer Campaign Endowment	121	5	7			
Superannuation Fund	1,656	19	2			
Bonython Hall Maintenance	48	0	0			
Waite Research and Substitute Fund	34	7	6			
Ranson Mortlock Trust	600	0	0			
Donation for Directorship in Obstetrics	8	1	7			
Students' Loan Fund	67	17	2			
Provision for Roads	64	5	8			
T. E. Barr Smith Library Endowment, Income Account	325	0	0			
Sir William Mitchell Endowment	162	10	0			
E. F. Hern Endowment Income Account	29	14	0			
F. W. Wheadon Endowment	137	17	7			
Waite Institute—W. D. Grigg Income	453	7	11			
Anthropological Research—Mr. Mountford	10	18	3			
Anthropological Research—National Geographical Society	9	2	3			
	5,131	4	7			
Forward				356,958	8	7

FINANCIAL STATEMENTS

	£	s.	d.	£	s.	d.
Brought forward				406,015	12	11

Forward

406,015 12 11

	£	s.	d.	£	s.	d.
Brought forward	5,131	4	7	356,958	8	7
Chapman Memorial Fund .....	27	9	11			
C. V. Crocombe Estate—Income .....	111	11	5			
Robert T. Melrose Estate—Income .....	66	13	10			
J. Grinberg—Endowment .....	3	0	0			
Sundry Credit Balances .....	383	14	4			
W. H. Sandland Endowment—Income .....	72	18	2			
Lord Mayor's Fund—Anti-Cancer Campaign	1,620	14	2	7,417	6	5
<hr/>						
<i>Sheridan Bequest—</i>						
Expended .....	2,211	7	2			
Balance forward .....	97	12	3	2,308	19	5
<hr/>						
<i>Weymouth Street Property—</i>						
Expended .....	277	17	11			
Balance .....	430	2	1	708	0	0
<hr/>						
<i>Research Expenditure—</i>						
From Commonwealth Grant .....	18,639	7	6			
From Income .....	5,803	5	5	24,442	12	11
<hr/>						
<i>F. L. Benham Trust—</i>						
Expended .....				2,451	8	0
<hr/>						
<i>Library—</i>						
Expenditure on Books, etc. ....				8,865	13	11
<hr/>						
<i>Equipment purchased out of Income—</i>						
Apparatus—individual items costing not more than £500 each .....	15,042	12	3			
Furniture .....	6,523	7	4	21,565	19	7
<hr/>						

Forward

424,718 8 10

	£	s.	d.	£	s.	d.
Brought forward				406,015	12	11
<i>Waite Agricultural Research Institute—</i>						
H.M. Government—						
Subsidy on Waite Endowments .....	5,000	0	0			
Annual Grant .....	45,000	0	0			
Donations—						
Imperial Chemical Industries .....	500	0	0			
Interest, etc.—						
Peter Waite Trust Fund	1,827	17	7			
Macmeikan Estate .....	15,972	6	5			
Hugh Hughes Estate .....	418	6	7			
Ranson Mortlock Trust	600	0	0			
Sundry Accounts .....	395	12	6			
Grigg Estate .....	453	7	11			
W. H. Sandland Estate—						
Income .....	632	17	3			
	20,300	8	3			
Sundry Sales, Rent, etc. ....	7,470	11	10			
J. T. Mortlock Bequest for Pasture Regeneration .....	1,000	0	0			
C.S.I.R.O.—Grant for Genetics 1951 .....	1,500	0	0			
	80,771	0	1			
Contributed by Commonwealth Scientific and Industrial Research Organisation—						
For Soils Investigations .....	8,125	6	10			
For Plant Industry Investigations .....	324	13	9			
For Gummosis Investigations .....	46	6	0			
For Oenological Investigations .....	607	18	6			
For Plant Genetics .....	610	19	8			
Wool Research Funds—						
Contributions .....	4,631	5	4			
	95,117	10	2			
 Balance—						
Surplus on Running Costs, 1951, excluding expenditure on items of equipment under £500 .....	2,863	3	8			
Less expenditure on items of equipment under £500, included as Running Costs, 1951, in accordance with the States Grant (Universities) Act, 1951 .....	21,565	19	7			
	18,702	15	11			
	£519,835	19	0			

W. L. BURKE,  
Accountant.

We report that we have duly audited the various Books of Account and other records relating to the Income and Expenditure of the University of Adelaide, in respect of the year which ended on the 31st day of December, 1951, and do certify the above statement to be a correct abstract of such Income and

	£	s.	d.	£	s.	d.
Brought forward				424,718	8	10
<i>Waite Agricultural Research Institute—</i>						
Salaries (including Superannuation) .....	44,513	19	8			
Maintenance .....	20,299	7	5			
Equipment (items under £500 each) .....	4,822	6	9			
Balance—						
Surplus on Running Costs, 1951, excluding expenditure on items of equipment under £500	15,957	13	0			
Less expenditure on items of equipment under £500, included as Running Costs, 1951	4,822	6	9			
	11,135	6	3			
	80,771	0	1			
<i>Commonwealth Scientific and Industrial Research Organisation—</i>						
Soils Investigations .....	8,125	6	10			
Division of Plant Industry—						
Expended .....	324	13	9			
Gummosis Investigations—						
Expended .....	46	6	0			
Oenological Investigations—						
Expended .....	607	18	6			
Plant Genetics—						
Expended .....	610	19	8			
Wool Research Funds—						
Expended .....	4,631	5	4			
	95,117	10	2			

£519,835 19 0

Expenditure during the period named. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University but not payable on the said 31st day of December, 1951.

R. M. STEELE, Chartered Accountant (Aust.),  
E. F. HUNWICK, Chartered Accountant (Aust.),  
Adelaide, 25th March, 1952.      } Auditors.



## Statement showing the Actual Financial Position

		Liabilities			
		£	s. d.	£	s. d.
<b>ENDOWMENTS—</b>					
	Sir W. W. Hughes (Arts and Science) .....	20,000	0 0		
	Sir T. Elder (Arts and Science) .....	20,000	0 0		
	Sir T. Elder (Medical School) .....	30,000	0 0		
	Sir T. Elder (Music School) .....	20,000	0 0		
	Sir T. Elder (General Purposes) .....	25,000	0 0		
	Sir Langdon Bonython (for Great Hall) .....	52,329	15 6		
	Sir Langdon Bonython (Law School) .....	20,000	0 0		
	Sir George Murray (General Purposes) .....	79,716	4 9		
	Miss M. T. Murray (General Purposes) .....	53,307	11 1		
	T. E. Barr Smith (for Library Building) .....	34,718	14 10		
	T. E. Barr Smith (for Library Fund) .....	10,000	0 0		
	Barr Smith Library Fund .....	20,105	19 11		
	Jane Marks .....	30,000	0 0		
	Keith Sheridan .....	30,923	2 11		
	Sir William Mitchell (Chair in Biochemistry) .....	20,000	0 0		
	Sir William Mitchell (for Library Fund) .....	5,000	0 0		
<b>Union Building—</b>					
	Public Donations .....	16,401	17 2		
	Sir George Murray .....	10,270	9 7		
	Sir Josiah Symon (for Lady Symon Building) .....	9,500	0 0		
	Family late John Darling (for Darling Building) .....	15,000	0 0		
	Edward Neale (for Medical Research) .....	28,908	14 1		
	Mrs. G. A. Jury (Chair in Literature) .....	12,000	0 0		
<b>R. L. Johnson (for Chemical Laboratory)—</b>					
	Property at valuation .....	12,000	0 0		
	J. H. Angas (Chair in Chemistry) .....	6,000	0 0		
	J. H. Angas (Engineering Scholarship) .....	4,000	0 0		
	Broken Hill Pty. Coy., Ltd. (Chair in Mining and Metallurgy) .....	15,000	0 0		
<b>Chairs in Engineering—</b>					
	Broken Hill Pty. Coy., Ltd. .....	5,000	0 0		
	Sir Edward Holden .....	2,500	0 0		
	Tenax Investments, Ltd. .....	2,500	0 0		
	General Motors-Holden's, Ltd. .....	5,000	0 0		
	Adelaide Electric Supply Co., Ltd. .....	5,000	0 0		
	Richards Industries, Ltd. .....	2,000	0 0		
	British Tube Mills (Aust.) Pty., Ltd. .....	2,000	0 0		
	Kelvinator, Australia, Ltd. .....	1,000	0 0		
<b>Chair of Economic and Mining Geology—</b>					
	Broken Hill Proprietary Coy., Ltd. .....	10,439	11 4		
	Broken Hill South, Ltd. .....	10,439	11 4		
	North Broken Hill, Ltd. .....	18,269	4 10		
	Zinc Corporation, Ltd. .....	10,439	11 4		
	New Broken Hill Consolidated, Ltd. .....	2,609	17 10		
	Sir Joseph Verco—Medical Science Research .....	5,000	0 0		
	Sir Joseph Verco—Medical School .....	2,165	16 9		
	Sir Joseph Verco—Dental School .....	2,165	16 10		
<b>Public Donations—Animal Products Research Fund</b>					
	.....	7,073	10 0		
	Baker Scholarship Endowment .....	5,000	0 0		
	F. W. Wheadon (for Observatory Building) .....	4,250	0 0		
	C. V. Crocombe Estate .....	3,721	12 6		
	James Barrans Scholarship .....	3,000	0 0		
	A. J. Raven Trust .....	2,453	5 7		
	Public Donations for Buildings .....	1,890	5 0		

Forward 714,100 13 2

## OF ADELAIDE

in respect to Capital as on 31st December, 1951.

Assets		£ s. d.		£ s. d.	
<b>INVESTMENTS OF ENDOWMENTS—</b>					
In Australian Consolidated Inscribed Stock, balance (at par) .....				406,689	14 0
In Bonython Hall .....				50,793	8 6
In Books, Barr Smith Library .....				9,105	19 11
In Barr Smith Library Building and Furniture .....				36,380	5 1
In Globe Chambers .....				18,420	0 0
In Landed Estate, Northern Territory .....				158	14 9
In Administrative Building, Fittings, etc. ....				49,773	6 4
In Physics Building .....				48,781	3 0
In Elder Anatomical Building .....				8,596	3 2
In Prince of Wales Building .....				15,878	4 2
In Elder Conservatorium .....				20,140	6 9
In Darling Building .....				40,526	17 3
In Elementary Chemical Laboratory .....				3,678	8 11
In Students' Union Refectory and Equipment .....				18,129	13 4
In George Murray Building .....				11,543	3 5
In Lady Symon Building .....				9,500	0 0
In Johnson Chemical Laboratories .....				27,824	13 1
In Animal Culture House .....				933	12 2
In Vice-Chancellor's Residence .....				4,875	14 8
In Staff Common Room .....				1,253	11 11
In Caretaker's Lodge .....				1,768	9 6
In Waymouth Street Property (at valuation) .....				12,000	0 0
In Share and Stock Investments (excluding Benham Trust Fund) .....				167,082	5 3
Trust Fund held by Mrs. M. L. Godfrey and Honourable C. R. Cudmore—Edward Neale Estate .....				28,908	14 1
Trust Fund held by Elder's Trustee and Executor Co., Ltd.—Estate late Rosye F. Mortlock .....				5,000	0 0

Forward

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 997,742 9 3

	£	s.	d.	£	s.	d.
	Brought forward	714,100	13	2		
<b>ENDOWMENTS—Continued.</b>						
Public Donations—Evening Classes .....	1,220	0	0			
Public Donations .....	600	3	0			
David Murray Scholarships .....	2,000	0	0			
T. G. Wilson Scholarship for Obstetrics .....	2,000	0	0			
Fred Johns Scholarship .....	1,500	0	0			
William Gardner Scholarship .....	1,500	0	0			
John Creswell Memorial Scholarships .....	1,300	0	0			
Scholarships for Research in Botany and Forestry .....	1,236	0	0			
Sir S. J. Way, P.C. ....	1,277	1	8			
Dr. Charles Gosse Lectureship .....	1,125	0	1			
Sir George Murray (Donation for Buildings)	1,000	0	0			
Everard Scholarship .....	1,000	0	0			
Joseph Fisher (Commercial Education) .....	1,000	0	0			
Tinline Scholarship .....	1,000	0	0			
John L. Young Scholarship for Research .....	1,000	0	0			
Shorney Prize and Medal .....	1,000	0	0			
J. Varley Endowment .....	1,000	0	0			
Selborne Moutray Russell Scholarship .....	1,000	0	0			
Rose Grainger Orchestral Fund .....	1,076	3	3			
Sir Herbert Angas Parsons .....	900	0	0			
Mark Mitchell (Animal Culture House) .....	923	14	2			
J. E. Jenkins Scholarships .....	2,108	4	6			
S.A. Orchestra—Permanent Fund .....	872	15	9			
<b>S.A. Commercial Travellers' Association:</b>						
Eric Smith Scholarship .....	£650	0	0			
Archibald Mackie Bursary .....	100	0	0			
		750	0	0		
Elizabeth Jackson Memorial .....	750	0	0			
Eugene Alderman Memorial Fund .....	740	0	0			
Anders and Reimers Scholarship .....	732	16	0			
<b>Anti-Cancer Committee—</b>						
Mrs. Rosye F. Mortlock .....	£5,000	0	0			
Robert T. Melrose .....	2,223	3	2			
Laura E. Bateman .....	2,383	11	7			
Various Benefactors .....	652	11	0			
E. F. Hern .....	990	0	0			
J. Grinberg .....	100	0	0			
		11,349	5	9		
Hartley Studentship .....	600	0	0			
Dr. Davies-Thomas Scholarship .....	600	0	0			
Botanical Laboratory (Miss Julia Stuckey) ..	503	3	0			
Stow Prizes and Scholarship .....	613	7	2			
E. Harold Davies Memorial Fund .....	500	0	0			
John Howard Clark Scholarship .....	500	0	0			
John Bagot Prize and Medal .....	500	0	0			
A. M. Simpson Library in Aeronautics .....	500	0	0			
Barbara Agnes Ayers .....	500	0	0			
R. W. Bennett Prize .....	500	0	0			
Anna Florence Booth Prize .....	500	0	0			
Edith Hübbe and Harriett Cook Prize .....	500	0	0			
Lucy Josephine Bagot Prize .....	500	0	0			
Sir Archibald Strong Memorial Prize .....	500	0	0			
Gladys Lloyd Thomas Scholarship .....	500	0	0			
C. J. Campbell Prize Fund .....	500	0	0			
Dr. E. W. Way Lectureship in Gynaecology ..	473	1	3			
Keith Sheridan Prizes .....	452	1	2			
Thornber Bursary .....	450	0	0			
Natalie Davis Scholarship .....	400	0	0			
Rennie Research Scholarship .....	317	8	11			
John Lorenzo Young Scholarship .....	300	0	0			
		Forward	766,770	18	10	

	£	s.	d.	£	s.	d.
Brought forward				997,742	9	3

Forward

997,742 9 3

	£	s.	d.	£	s.	d.
Brought forward	766,770	18	10			
<b>ENDOWMENTS—Continued.</b>						
Chapman Prize .....	311	4	3			
Violet de Mole Memorial Fund .....	256	0	0			
Alexander Clark Memorial Prize .....	255	0	0			
Elsie Marion Cornish Prize .....	250	0	0			
Bunday Prize .....	200	0	0			
James Gartrell Prize .....	200	0	0			
M. Rees George Prize .....	200	0	0			
Way College Prize and Medal .....	200	0	0			
F. M. Pontt Bequest .....	200	0	0			
Archibald Watson Prize .....	170	0	0			
Roby Fletcher Scholarship .....	160	0	0			
St. Alban Scholarship .....	150	0	0			
R. Barr Smith Prize for Greek .....	150	0	0			
Miss Martin's Old Scholars' Prize .....	150	0	0			
George Thompson Bursary .....	150	0	0			
Justin Skipper Prize .....	150	0	0			
Tormore Old Scholars' Prize .....	130	0	0			
J. B. Cleland Prize .....	130	0	0			
Andrew Scott Memorial .....	115	0	0			
Tennyson Medals .....	100	0	0			
Lister Prize .....	100	0	0			
T. E. Barr Smith League of Nations Essay Prize .....	100	0	0			
Hardwicke College Prize .....	100	0	0			
Lokan Prize .....	100	0	0			
Thomas L. Borthwick Fund .....	100	0	0			
Robert Whinham Prize .....	84	9	6			
Kate Helen Weston .....	67	10	0			
Tate Memorial Medal .....	60	0	0			
Hughes Statue Maintenance Fund .....	50	0	0			
Rev. Jas. Jefferis Memorial .....	50	0	0			
Mark Mitchell for Periodicals .....	50	0	0			
Elizabeth Jackson Bequest .....	30	0	0			
				771,290	2	7
<b>F. L. Benham Trust Fund—</b>						
Endowment .....	51,380	12	1			
Contributed from Capitalised Income .....	7,150	12	9			
				58,531	4	10
Original Grant of Country Lands from H.M. Government and resold to them .....	40,000	0	0			
H.M. Government (Contribution to Build- ings) .....	77,428	11	8			
Contributed from Income towards Buildings	79,825	12	3			
<b>Johnson Chemical Laboratories—</b>						
Commonwealth Unemployment Relief Council: Grant .....	12,000	0	0			
Temporary Advances from General Ap- propriation Account .....	15,524	13	1			
Pharmaceutical Society of S.A.: Gifts to- wards Building .....	300	0	0			
<b>Anonymous Donation—</b>						
Staff Common Room .....	1,373	9	8			
				226,452	6	8
<b>Contingent—</b>						
Bequests in deceased Estates subject to life and other interests—						
Estate late Clement Phillipson .....						
Estate late Georgina Maud Dowling .....						
Estate late Ruby Chambers .....						
Estate late John Dalby .....						
Estate late Constance Fraser .....						
Estate late Hugh Hughes (balance) .....						
Estate late J. E. Jenkins (balance) .....						
Estate late J. T. Mortlock .....						
Estate late Ruby C. Davey .....						
Estate late Mrs. H. L. Huzenroeder .....						
Estate late Mrs. G. Magarey .....						
Forward				1,056,273	14	1

	£	s.	d.	£	s.	d.
Brought forward				997,742	9	3
F. L. Benham Trust Fund—						
Expended on Benham Laboratories and Fittings	36,476	6	9			
Shares and Bonds	24,369	19	4			
	60,846	6	1			
Less Advance for Buildings	2,315	1	3	58,531	4	10

*Contingent—*

Interest in Estates as under (value not yet ascertainable):

Estate late Clement Phillipson  
 Estate late Georgina Maud Dowling  
 Estate late Ruby Chambers  
 Estate late John Dalby  
 Estate late Constance Fraser  
 Estate late Hugh Hughes (balance)  
 Estate late J. E. Jenkins (balance)  
 Estate late J. T. Mortlock  
 Estate late Ruby C. Davey  
 Estate late Mrs. H. L. Huzenroeder  
 Estate late Mrs. G. Magarey

Forward

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 1,056,273 14 1

		£	s.	d.	£	s.	d.
	Brought forward				1,056,273	14	1
<b>Sundry Balances—</b>							
Superannuation—							
General Fund	.....	41,963	18	7			
Personal Accounts	.....	15,618	3	11			
Equipment Depreciation Fund	.....	26,000	0	0			
Redemption of Stock Account	.....	10,001	4	9			
Share Fluctuation Reserve	.....	5,617	15	1			
Provision out of Surplus Income for Equip- ment	.....	24,022	7	9			
Bank of Adelaide	..... 40,004	10	5				
Less Cheques Outstanding	..... 42,647	5	3				
		2,642	14	10			
		125,866	4	11			
<b>Credit Balances—</b>							
Angas Engineering Scholarship	..... £1,071	2	4				
Commercial Education	.....	500	0	0			
David Murray Scholarship	.....	954	16	8			
John Bagot Scholarship	.....	337	15	4			
Alexander Clark Memorial Prize	.....	50	13	0			
John Lorenzo Young Scholarship	.....	80	0	0			
John L. Young Scholarship	.....	370	0	0			
Eugene Alderman Scholarship	.....	100	7	4			
Ernest Ayers Scholarship	.....	600	0	0			
Rennie Scholarship	.....	72	7	8			
Fred Johns Scholarship	.....	913	8	9			
Archibald Watson Prize	.....	12	12	0			
R. W. Bennett Prizes and Medals	.....	157	6	1			
Anna Florence Booth Prize	.....	144	0	0			
William Gardner Scholarship	.....	342	0	0			
Shorney Prize	.....	137	7	2			
Tormore Prize	.....	24	0	0			
M. Rees George Memorial Prize	.....	35	14	0			
Jefferis Memorial Medals	.....	43	7	10			
League of Nations Prize	.....	80	0	0			
Wyeth Prize	.....	10	0	0			
Thornber Bursary	.....	49	10	0			
Keith Sheridan Prize	.....	189	6	2			
Miss Martins Old Scholars Prize	.....	6	15	0			
Justin Skipper Prize	.....	13	11	3			
J. E. Jenkins Scholarship	.....	187	13	8			
James Barrans Scholarship	.....	270	0	0			
Commonwealth Institute of Account- ants Prize	.....	2	1	6			
Chamber of Manufactures Prize	.....	10	0	0			
Dental Board of S.A. Prize	.....	5	0	0			
Anders and Reimers Prize	.....	81	11	9			
Sir Archibald Strong Memorial Prize	.....	50	0	0			
A. J. Raven Trust	.....	304	5	4			
Dental Board Scholarship	.....	100	0	0			
Conservatorium Old Scholars Asso- ciation	.....	4	4	0			
Edith Hubbe and Harriet Cook Prize	.....	89	0	0			
Estate Constance Fraser	.....	87	15	11			
Baker Endowment	.....	39	1	3			
<b>Library Balances—</b>							
Carnegie Library	.....	2,052	0	5			
Sir William Mitchell Library Endow. ...	..... 975	0	0				
Sir William Mitchell Library Exp. ....	..... 489	12	10				
		485	7	2			
Elizabeth Jackson Library Fund	..... 1,023	10	0				
Elizabeth Jackson Library Exp. ....	..... 891	9	2				
		132	0	10			
Kate Helen Weston Library	.....	24	12	8			
Deposits	.....	1,442	0	0			
E. Harold Davies Library Fund	.....	48	16	5			
<b>Public Examinations Board —</b>							
Examination Fees	.....	3,622	2	0			
University Union Fees	.....	37	5	6			
Public Examinations in Music	.....	6,753	12	1			
Diploma in Physical Education	.....	3,278	7	6			
Sheridan Research	.....	3,881	11	2			
C.S.I.R.—Research Grant	.....	486	5	8			
C.S.I.R.—Research Grant Social Sciences	.....	254	7	0			
		29,981	7	5	125,866	4	11
Forward					1,056,273	14	1

	£	s. d.	£	s. d.
Brought forward			1,056,273	14 1
<b>INVESTMENTS, CASH BALANCES, ETC.—</b>				
Australian Consolidated Inscribed Stock, balance (at par) .....	58,767	11 2		
Investment Properties .....	70,550	15 6		
Advances on Mortgage, etc. ....	12,451	14 2		
Deposit at Treasury .....	882	8 5		
<b>Cash Balances—</b>				
In Savings Bank of S.A. ....	161	8 11		
In hands of Agent- General for S.A. in London .....	4,609	10 7		
In hands of the Account- ant .....	25	0 0		
	4,795	19 6		
Benham Laboratories: Advanced to date .....	2,315	1 3		
Observatory Building: Advanced to date .....	260	10 3		
Sundry Debtors .....	6,105	11 11		
	156,129	12 2		
Excess Expenditure C.R.T.S. Buildings .....			53,517	11 2

Forward

1,265,920 17 5



## FINANCIAL STATEMENTS

	£	s.	d.	£	s.	d.	£	s.	d.
Brought forward	29,981	7	5	125,866	4	11	1,056,273	14	1
C.S.I.R.—Grant for Inospheric Research	100	0	0						
C.S.I.R.O. — Electrical Research Board	319	5	1						
Dept. of Air Grant for Research in Supersonics	2,887	14	8						
Dept. of Supply and Development for Servomechanisms	3,454	10	7						
Department of Air—Aerial Research	3,043	9	5						
Department of Supply — Research into Inospheric Radar	493	1	8						
Army Education	52	19	5						
Equipment Fund	284	13	9						
Mining and Metallurgy Dept.—Unexpected Balance	3,829	6	11						
Students Loan Fund	3,069	8	4						
Conservatorium Students Fund	366	8	10						
Board of Social Studies Students Fund	111	12	8						
Australian Journal of Experimental Biology	526	14	10						
Cancer Research and Treatment Dnts. ... 87,877	12	11							
Cancer Research and Treatment Exp. ... 80,016	5	3							
	7,861	7	8						
Joint Committee Tutorial Classes	2,031	10	9						
I.C.I. Grant Research Fund for Sulpha Drugs	64	3	0						
Gastro Enteritis Investigation Fund	21	4	10						
Animal Products Research Foundation	527	1	9						
Broken Hill Smelters	62	5	10						
Anthropological Research—									
Professor Cleland	8	10	0						
Harvard University	161	12	2						
Domestic Account	13	15	8						
Mr. Mountford	1,433	7	1						
Grant for Latitude Observations	7	19	8						
Permanent Orchestra Fund	384	9	5						
Rose Grainger Orchestral Fund	339	2	6						
Provision for Roads	2,921	7	11						
Geology Truck Maintenance	104	4	7						
T. G. Wilson Donation	161	15	6						
Bonython Hall Maintenance	262	1	5						
Hughes Statue Maintenance Fund	15	0	6						
Sheridan Family Grave Maintenance	115	4	0						
Joseph Verco Memorial	3	4	0						
Reimann Memorial Fund	1	5	11						
Consultant Specialists Scheme of S.A.	1,053	19	0						
Insurance Deposits	15	16	0						
C.I.G. S.A. Ltd.	11	0	0						
National Health Medical Research Council	413	18	9						
National Health Medical Research Grant	1,000	0	0						
Illuminating Engineering Society Grant	14	18	10						
Medical Post Grad. C'tee—									
Donation from B.M.A.	335	2	1						
Income	1,164	17	11						
Grant for Tuberculosis Research	52	15	0						
Chapman Memorial Fund	1,332	5	11						
Georgina Maud Dowling Bequest	1,605	16	6						
H. G. Rogers Deposit A/c	161	8	11						
F. W. Wheadon Endowment	484	4	9						
Equipment Reserve	7,940	5	11						
Donation for purchase of Gramophone for Conserv.	164	10	0						
Prof. J. H. B. Tew—Prizes in Economics	93	14	0						
Donation Mrs. H. M. Newland—Enuresis Invest.	5	0	0						
F. H. Faulding—Dental Research Grant	16	0	6						
Virus Investigations—Medical School	100	0	0						
Lord Mayor's Cancer Appeal Fund	2,793	16	7						
	83,780	18	5						
				209,647	3	4			
Forward				1,265,920	17	5			

	£	s.	d.	£	s.	d.
Brought forward				1,265,920	17	5

Forward

1,265,920 17 5

	£	s.	d.	£	s.	d.
Brought forward				1,285,920	17	5
<b>WAITE AGRICULTURAL RESEARCH INSTITUTE—</b>						
Endowment, Peter Waite .....	100,196	6	1			
Premium on Conversion of Stock held by Elder's Trustee and Executor Co., Ltd. ....	1,678	2	11			
Endowment, Elizabeth Macmeikan .....	18,872	1	7			
Endowment, Hugh Hughes, Estimate .....	11,500	0	0			
Endowment, Grigg Estate .....	17,341	13	4			
W. H. Sandland Endowment .....	14,000	0	0			
Ranson Mortlock Trust .....	15,000	0	0			
Various Benefactors .....	2,605	10	0			
Contributed from Waite Capitalised In- come .....	75,478	6	1			
Waite Institute Income—Balance .....	11,135	6	3			
Contributed by Council for Scientific and Industrial Research for Plant Pathology House .....	1,649	19	0			
Contributed by Commonwealth Bank of Australia towards cost of Plant Culture House, Insectary, etc. ....	4,000	0	0			
Contributed by Australian Wool Board (balance) .....	640	0	0			
Contributed by J. T. Mortlock .....	500	0	0			
Motor Trucks—Maintenance Accounts .....	1,142	15	8			
Advance Payment—H.M. Govt. of S.A. ....	6,000	0	0			
Provision out of Surplus Income for Equip- ment .....	8,782	4	0			
Contributed from Income towards Equipment	4,822	6	9			
Contributed from Income for Library Ex- penditure .....	1,505	5	11			
	<u>296,849</u>	<u>17</u>	<u>7</u>			
<b>Endowments for Laboratories—</b>						
Sir John Melrose .....	£10,000	0	0			
Family late John Darling .....	10,000	0	0			
Mrs. Rosye Mortlock and Mr. J. T. Mortlock .....	10,000	0	0			
J. T. Mortlock .....	2,000	0	0			
Contributed by Empire Marketing Board .....	3,000	0	0			
Contributed by Council for Scientific and In- dustrial Research— Mineral Deficiency Fund .....	1,500	0	0			
Soils Investigation Fund .....	1,500	0	0			
Advanced by Common- wealth Government for South Wing Laboratory (Rehabilitation Scheme)	9,602	0	0			
Contributed from Waite Capitalised Income .....	19,316	7	0			
	<u>66,918</u>	<u>7</u>	<u>0</u>	363,768	4	7
Forward				<u>1,629,689</u>	<u>2</u>	<u>0</u>

	£	s.	d.	£	s.	d.
Brought forward				1,265,920	17	5
<b>WAITE AGRICULTURAL RESEARCH INSTITUTE—</b>						
Urrbrae, Claremont, and Netherby Estates, and Waite Park .....	42,454	10	5			
"Alverstoke" Estate (at cost) .....	8,473	13	9			
Trust Funds held by Elder's Trustee and Executor Co., Ltd.—						
Peter Waite Trust						
Fund .....	£60,324	9	0			
Elizabeth Macmeikan Estate .....	18,872	1	7			
Hugh Hughes Estate— Estimate .....	11,500	0	0			
				90,696	10	7
Sundry Balances .....				8,175	10	8
Australian Consolidated Inscribed Stock, balance (at par) .....				58,752	14	10
Plant Pathology House .....				1,649	19	0
New Buildings and Additions .....				13,111	9	6
Equipment .....				67,207	16	2
Equipment purchased from Income .....				4,822	6	9
Library Books, etc., purchased from Income				1,505	5	11
				296,849	17	7

<b>Laboratories—</b>						
<b>John Melrose Laboratory—</b>						
Building .....	£16,743	12	8			
Fittings .....	2,258	1	1			
<b>John Darling Laboratory—</b>						
Building .....	9,811	17	3			
Fittings .....	2,186	9	0			
<b>Ranson Mortlock Laboratory—</b>						
Buildings .....	11,454	17	9			
Fittings .....	2,861	2	6			
<b>South Wing Laboratory—</b>						
Building .....	17,479	5	4			
Fittings .....	4,123	1	5			
				66,918	7	0
				363,768	4	7

Forward

1,629,689 2 0

	£	s. d.	£	s. d.
Brought forward			1,629,689	2 0
<b>UNIVERSITY SITE—</b>				
Grant of Land by South Australian Government—Nominal Value .....	5,000	0 0		
<b>Special Donations:</b>				
<b>For Fences and Gates—</b>				
R. Barr Smith .....	£ 400	0 0		
Sir John Duncan } .....	250	0 0		
W. H. Duncan } .....				
Sir Walter Young .....	1,000	0 0		
Sir William Mitchell .....	875	19 9		
		2,525	19 9	
<b>For other improvements—</b>				
The Misses Lily and Eva Waite .....	2,250	0 0		
Sir George Murray .....	2,000	0 0		
		4,250	0 0	
			11,775	19 9
<b>EQUIPMENT—</b>				
<b>CONTRIBUTED FROM INCOME towards Equipment, etc.:—</b>				
	245,260	0 6		
	21,565	19 7		
		266,826	0 1	
Contributed from Income for Library Expenditure .....	14,760	5 11		
<b>Donations—</b>				
R. Barr Smith .....	1,010	0 0		
Carnegie Corporation for Books .....	5,967	3 4		
Broken Hill Pty. Co., Ltd. ....	5,000	0 0		
Broken Hill South, Ltd. ....	4,000	0 0		
Imperial Chemical Industries .....	1,000	0 0		
North Broken Hill, Ltd. ....	4,000	0 0		
Zinc Corporation, Ltd. ....	4,000	0 0		
Electrolytic Zinc Co. of Aust., Ltd. ....	5,000	0 0		
Power Plant Limited .....	400	0 0		
Aberfoile Tin N.L. ....	250	0 0		
Malcolm Moore, Esq. ....	200	0 0		
King Island Scheelite Ltd. ....	100	0 0		
Anonymous Donation—Staff Common Room .....	1,006	6 3		
Available from Testing Fees—Engineering Dept. ....	7,293	16 9		
Commonwealth Grant for Equipment—Chemistry Dept. ....	3,479	7 6		
Government Grant Expended on Equipment	1,345	8 4		
Portion of Sir George Murray Endowment represented by Equipment .....	500	0 0		
Pharmaceutical Society of S.A.—Gifts for Equipment .....	718	1 4		
			326,856	9 6
Forward			1,968,321	11 3

	£	s.	d.	£	s.	d.
Brought forward				1,629,689	2	0
<b>UNIVERSITY SITE—</b>						
Land—Nominal Value .....	5,000	0	0			
Expended on Fences and Gates .....	2,525	19	9			
Expended on Planting Escarpment, etc. ....	4,250	0	0			
				<u>11,775</u>	19	9
<b>EQUIPMENT—</b>						
Library Books and Binding Expenditure to 31/12/1949 .....	80,408	7	5			
Library—Carnegie Corporation Donation— Expenditure to date .....	£3,665	8	1			
Balance .....	2,301	15	3			
				<u>5,967</u>	3	4
Laboratory Equipment and Apparatus— General (including £15,000 Special Physics Dept. Grant) .....	127,141	7	10			
Engineering Testing Fund— Expenditure to date .....	7,293	16	9			
Chemistry Dept.—Darling Building— Expenditure to date .....	2,993	1	10			
Balance .....	486	5	8			
				<u>3,479</u>	7	6
Mining and Metallurgy Donations— Expenditure to date .....	£20,120	13	1			
Balance .....	3,829	6	11			
				<u>23,950</u>	0	0
Equipment purchased from Income .....	21,565	19	7			
Library Books, etc., purchased from Income	14,760	5	11			
Museum Exhibits, etc. ....	824	9	5			
Furniture—General .....	31,176	16	9			
Furniture—Staff Common Room .....	1,989	11	2			
Organ—Conservatorium .....	2,879	10	11			
Installation of Electric Light and Power .....	1,813	11	0			
Material in Workshops .....	3,606	1	11			
				<u>326,856</u>	9	6

Forward

1,968,321 11 3

## FINANCIAL STATEMENTS

	£	s.	d.	£	s.	d.
Brought forward	268,525	10	8	1,968,321	11	3
Commonwealth Reconstruction Training Scheme— Advances to date (see also Waite Institute)— Commonwealth Government—						
First Year Physics Building .....	5,399	15	3			
First Year Chemistry Building .....	8,611	4	9			
Mathematics Building .....	31,465	8	9			
Mechanical Engineering Building .....	48,957	1	11			
Main Engineering Building .....	108,092	0	0			
Medical Building and Ancillary Pro- jects .....	66,000	0	0			
	268,525	10	8			
State Government Grant—Medical Building, etc. ....	210,000	0	0			
	478,525	10	8			
Contributed from Income	59,134	17	0			
Plus Excess Expenditure — C.R.T.S. Buildings	53,517	11	2			
	112,652	8	2			
Equipment—Advanced by Commonwealth Government .....	74,356	10	0			
				665,534	8	10
Lord Mayor's Cancer Appeal Fund— Amount received to date .....				102,793	16	7

£2,736,649 16 8

W. L. BURKE,  
Accountant.

We report that we have examined the above statement showing the financial position of the University of Adelaide in respect of Capital Funds as on the 31st day of December, 1951, 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

	£	s.	d.	£	s.	d.
Brought forward				1,968,321	11	3
Buildings and Equipment — Reconstruction						
Training Scheme—						
Expenditure to date—						
First Year Physics Building .....	7,845	14	4			
First Year Chemistry Building .....	11,457	19	8			
Mathematics Building .....	32,496	14	3			
Mechanical Engineering Building .....	49,323	13	1			
Main Engineering Building .....	125,035	14	3			
Medical Building .....	248,195	18	0			
Darling Building—Alterations and Ad- ditions .....	23,513	4	6			
Mawson Laboratories .....	89,851	18	8			
Physics Building—Alterations .....	3,457	2	1			
	591,177	18	10			
General Equipment .....	74,356	10	0	665,534	8	10

Lord Mayor's Cancer Appeal Fund—						
Invested in Commonwealth Loan .....	100,000	0	0			
Balance .....	2,793	16	7	102,793	16	7

£2,736,649 16 8

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, 1951. We further report that the securities, etc., representing the investments shown in the above statement, as well as the Land Grants and Certificates of Title belonging to the University, have been verified by us.

R. M. STEELE, Chartered Accountant (Aust.),     }  
 E. F. HUNWICK, Chartered Accountant (Aust.),    } Auditors.  
 Adelaide, 25th March, 1952.



## STATEMENT OF SEPARATE

ANTI-CANCER COMMITTEE—		£	s.	d.
Balance unexpended 1st January, 1951	.....	7,478	13	0
Grant by H.M. Government of S.A.	.....	3,000	0	0
Income from Neale Endowment	.....	750	0	0
Income from R. F. Mortlock Endowment	.....	75	0	0
Income from C. V. Crocombe Estate	.....	111	11	5
Income from R. T. Melrose Estate	.....	66	13	10
Income from E. F. Hern Endowment	.....	29	14	0
Income from J. Grinberg Endowment	.....	3	0	0
Interest	.....	354	19	11
Donations	.....	135	1	9
Sale of Radon	.....	421	18	9
Interest—Lord Mayor's Fund	.....	2,785	1	10
		<u>£ 15,211 14 6</u>		
JOINT COMMITTEE—TUTORIAL CLASSES—		£	s.	d.
Balance unexpended 1st January, 1951	.....	3,451	9	5
Grant by H.M. Government of S.A. (excluding £2,500 paid during 1950)	.....	2,500	0	0
Sundry Revenue	.....	204	0	6
		<u>£ 6,155 9 11</u>		
ENGINEERING DEPARTMENT—TESTING FEES—		£	s.	d.
Balance available from Testing Fees, 1st January, 1951	.....	7,271	19	4
Fees received year ended 31/12/51	.....	838	15	0
		<u>£ 8,110 14 4</u>		
UNION FEES—		£	s.	d.
Fees received for Year	.....	10,565	5	6
		<u>£ 10,565 5 6</u>		
HOSPITAL FEES—		£	s.	d.
Royal Adelaide Hospital	.....	2,114	0	0
Director-General of Medical Services	.....	551	5	0
Dental Hospital	.....	756	0	0
Queen Victoria Maternity Hospital—				
Fees	£ 1,995 8 9			
Balance	19 16 0			
		2,015	4	9
Adelaide Children's Hospital Fees	.....	111	6	0
Adelaide Children's Hospital—				
Honorary Staff Fees	£ 337 1 0			
Balance	1 0 0			
		338	1	0
Institute of Medical and Veterinary Science—Fees	.....	190	11	6
		<u>£ 6,076 8 3</u>		
EDWARD NEALE TRUST FUND—		£	s.	d.
Income for Year 1951	.....	£ 750	0	0
RESIDENTIAL COLLEGES—		£	s.	d.
Grant from H.M. Govt. of S.A.	.....	£ 1,548	0	0

## ACCOUNTS FOR THE YEAR 1951

## ANTI-CANCER COMMITTEE—

	£	s.	d.
Salaries and Pay Roll Tax .....	4,992	1	10
Deep X-Ray Dept.—Equipment and Replacements .....	1,326	16	3
Radon Department .....	118	14	0
Sundries .....	912	14	9
Balance unexpended 31st December, 1951 .....	7,861	7	8

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£ 15,211 14 6

## JOINT COMMITTEE—TUTORIAL CLASSES—

	£	s.	d.
Salaries and Pay Roll Tax .....	1,554	9	5
Honoraria—Tutors and Lecturers .....	2,151	6	8
Expended on Books, etc. ....	116	13	11
Expended on Stationery, Duplicating Material, Telephone, Advertising, Petty Cash, etc. ....	121	13	7
Tutors' Travelling Expenses .....	37	7	0
Rail Freight and Insurance—Art Exhibition .....	59	1	1
Purchase of Typewriter .....	83	7	6
Balance unexpended, 31st December, 1951 .....	2,031	10	9

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£ 6,155 9 11

## ENGINEERING DEPARTMENT—TESTING FEES—

	£	s.	d.
Salaries .....	754	18	3
Sundries .....	62	9	4
Balance used for Equipment, 31st December, 1951 .....	7,293	6	9

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£ 8,110 14 4

## UNION FEES—

	£	s.	d.
Refunded to Students .....	80	13	6
Paid to Union Committee .....	10,447	6	6
Balance, 31st December, 1951 .....	37	5	6

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£ 10,565 5 6

## HOSPITAL FEES—

	£	s.	d.	£	s.	d.
Royal Adelaide Hospital—						
Honorary Staff .....	2,108	15	0			
Balance .....	5	5	0			
				2,114	0	0
Director-General of Medical Services .....				551	5	0
Dental Hospital .....				756	0	0
Queen Victoria Maternity Hospital .....				2,015	4	9
Adelaide Children's Hospital—Fees .....				111	6	0
Adelaide Children's Hospital—Honorary Staff Fees .....				338	1	0
Institute of Medical and Veterinary Science —Fees .....				190	11	6

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£ 6,076 8 3

## EDWARD NEALE TRUST FUND—

Transferred to Anti-Cancer Fund 1951 .....	£ 750	0	0
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## RESIDENTIAL COLLEGES—

Disbursement of Govt. Grant:—			
St. Mark's College .....	516	0	0
St. Ann's College .....	516	0	0
Aquinas College .....	516	0	0

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£ 1,548 0 0

## HONOURS EXAMINATION RESULTS

FINAL EXAMINATIONS, NOVEMBER, 1951

## FACULTY OF ARTS

## HONOURS DEGREE OF BACHELOR OF ARTS

## ENGLISH LANGUAGE AND LITERATURE. (20.)

*First Class:*

Whyte, Jean Primrose

*Second Class, Division I:*

McKinnon, Heather Campbell

Whyte, Phyllis Primrose

*Second Class, Division II:*

Naughtin, Patrick Chanel

Young, Aileen

*Third Class:*

Gilding, Kevin Rex

*Awarded the John Howard Clark Prize:*

Whyte, Jean Primrose

## FRENCH LANGUAGE AND LITERATURE. (30.)

*First Class:*

Johnson, Margaret Isobel

Mills, John Murray

*Awarded David Murray Scholarships:*

Johnson, Margaret Isobel

Mills, John Murray

## HISTORY AND POLITICAL SCIENCE. (48.)

*First Class:*

Ashwin, Charles Robin

*Second Class, Division I:*

Diamond, Arthur Ian

## ECONOMICS. (55.)

*First Class:*

Lewis, Robert Brook

## HONOURS DEGREE OF BACHELOR OF ECONOMICS

## ECONOMICS. (55.)

*First Class:*

Hill, Malcolm Robert

Penny, David Harry

## FACULTY OF SCIENCE

## HONOURS DEGREE OF BACHELOR OF SCIENCE

## MATHEMATICS. (99.)

*Second Class, Division A:*

Sanderson, John Gavin

## PHYSICS. (108.)

*First Class:*

Denby, Ernest Frank

Duncan, Robert Allan

*Second Class, Division A:*

Bunney, Bronte Rowland

Goodwin, Geoffrey Leonard

*Second Class, Division B:*

Angley, Ronald James

Clendinnen, Ian Jeffrey

## CHEMISTRY. (123.)

*First Class:*

Brett, Horace William Walter  
McCarthy, Ian John  
Simons, Arthur Nicholas  
Spencer, Leslie Brian

## GEOLOGY AND MINERALOGY. (149.)

*In Palaeontology:**First Class:*

Reynolds, Maxwell Andrew

## ECONOMIC GEOLOGY. (150.)

*Second Class, Division A:*

Harms, John Eric  
Kaewbaidhoon, Sa-ngob  
Rowley, Rex Cameron

## BOTANY. (155.)

*Second Class, Division A:*

Rayson, Patricia

## ZOOLOGY. (165.)

*Second Class, Division B:*

Galvin, Leola Beth

FINAL EXAMINATIONS, MARCH, 1952

FACULTY OF AGRICULTURAL SCIENCE

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL  
SCIENCE

## IN BOTANY.

*Second Class, Division A:*

Possingham, John Victor

## IN GENETICS.

*Second Class, Division A:*

Carter, Maurice Vernon

FACULTY OF ENGINEERING

HONOURS DEGREE OF BACHELOR OF ENGINEERING

## IN ELECTRICAL ENGINEERING.

*First Class:*

Rose, Gordon Albert

## IN MECHANICAL ENGINEERING.

*First Class:*

Bails, John Herbert  
Dyer, James Ross  
Hooker, Robert John

CALENDAR OF  
THE UNIVERSITY OF ADELAIDE  
FOR THE YEAR 1952

PART IV

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## REGULATIONS

For conditions of matriculation, see Chapter IX of the Statutes. The numbers in brackets after the subjects refer to the syllabuses.

### OF THE DEGREE OF BACHELOR OF ARTS REGULATIONS

1. There shall be an Honours degree and an Ordinary degree of Bachelor of Arts. A candidate may obtain either degree or both.

2. The following shall be the subjects of lectures and examinations for the Ordinary degree:

- Greek I (1), II (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) and II (37);
- English Language and Literature 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 (58a);
- Philosophy I (61), IIA (62), IIB (63), IIIA (64), IIIB (65);
- Elementary Psychology (69);
- General Psychology (70);
- Education (76);
- Pure Mathematics IA (85), IIA (89), IIIA (95), and IIIB (96);
- Statistical Methods (92), and Mathematical Statistics (98);
- Music I (72), II (73), and III (74).

#### Science Subjects:

- Applied Mathematics I (91) and II (97);
- 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) and II (162);
- Geology I (141) and II (142);
- Biology (158).

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),

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 submitted to and approved by the Council. Such schedules shall take



effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.

6. Except by permission of the Faculty a candidate shall not proceed to a course for which he has not completed the pre-requisite courses prescribed in the syllabuses.

7. A candidate may be excused attendance at lectures in any subject in which he desires to be examined, but only upon grounds approved by the Council. Exemption in more than two subjects in any one year will be allowed only in exceptional circumstances.

8. A candidate shall do such written or practical work as may be prescribed by the Professor or Lecturer.

9. The annual examinations shall take place towards the end of the academic year. 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 |
| (4) For the final examination in each school - -   | 7 7 0   |

Note.—These fees cover all work, except courses for the Ordinary degree and special courses expressly provided for in B (2) above, which the Head of the school considers necessary for the Honours course selected.

The fees which a candidate pays for a course of lectures or an examination which he afterwards finds himself unable to attend, shall not be returned, unless the Council shall otherwise determine.

Allowed 20th December, 1951.

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 I II;  
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;  
Geology I or Botany I;  
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.

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 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, History I (A or B or C), Economics I, Social Economics, Geography I, Economic Geography, Elementary Psychology, Pure Mathematics IA, Physics I, Chemistry I, Botany I, Zoology I, Biology, Geology I, Music I;
- (e) two of the following sequences of three courses each, permissible sequences being indicated by the arrows:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Greek I	→ Greek II	→ Greek III → Comparative Philology
2. Latin I	→ Latin II	→ Latin III → Comparative Philology
3. French I	→ French II	→ French III → Comparative Philology
4. German I	→ German II	→ German III → Comparative Philology
5. English I	→ English II	→ English III
6. History I (A or B)	→ History II (A or B)	→ History III → International Relations
7. History IC	→ Political Science	→ International Relations
8. Economics I	→ Economics II	→ Economics III
9. Geography I	→ Geography II	→ Geography III
10. Philosophy I	→ Philosophy IIA → Philosophy IIB	→ Philosophy IIIA → Philosophy IIIB
11. Pure Mathematics IA	→ Pure Mathematics IIA → Statistical Methods → Applied Mathematics I	→ Pure Mathematics IIIA → Pure Mathematics IIIB → Mathematical Statistics → Applied Mathematics II
12. Music I	→ Music II	→ Music III

No course shall be counted twice, and a candidate shall not present both Economics I and Social Economics or both Geography I and Economic Geography or both Elementary Psychology and General Psychology. 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 1951 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.

### ASSOCIATE IN ARTS AND EDUCATION REGULATIONS

\*1. To qualify as an Associate in Arts and Education a candidate shall—

(a) hold the Leaving Certificate, including a pass in English, or have passed in five subjects including English at the Leaving Examination, or possess an equivalent qualification approved by the Council; and thereafter

(b) attend lectures regularly and pass examinations in English I, Psychology, Education and three other of the subjects set out in Regulation 2 of the degree of Bachelor of Arts.

2. A candidate will not be admitted to a course in Mathematics or in a language other than English unless he has satisfied the requirements for admission to the course as prescribed from time to time.

3. A candidate who has fulfilled these conditions shall receive a diploma which will entitle him to be styled an Associate of the University, and to use the letters A.U.A.

4. A candidate may be granted exemption from attendance at lectures on any subject of examination, but only under the conditions prescribed in Regulation 7 of the Degree of Bachelor of Arts.

†5. (a) A graduate in Arts shall not be eligible to qualify also as an Associate in Arts and Education.

(b) Except as provided for in paragraph (c) of this regulation, not more than two subjects shall be presented both for the diploma in Arts and Education and for any other degree or diploma.

(c) An Associate who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree any or all of the subjects which he presents for the diploma of Associate provided:

- (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.

\* Amended 16th December, 1948. † 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 or 70);
- (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);

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

\* Allowed 7th December, 1939.

† Allowed 14th December, 1950.

- (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 examination, or both, a second time.

Allowed 8th December, 1938.

### OF THE DEGREE OF MASTER OF ARTS REGULATIONS

1. A Bachelor of Arts may proceed to the degree of Master of Arts by complying with the following regulations, but may not be admitted to the degree until the expiration of two academic years from the date of his admission to the Ordinary degree or one year from the date of his admission to the Honours degree of Bachelor of Arts.

\*2. A candidate for the degree shall first satisfy the Faculty of his ability to proceed to the degree in the subject of study he selects. To do this he must—

- (a) have obtained the Honours Degree of Bachelor of Arts in the school to which his subject of study relates; or
- (b) have passed in all the ordinary courses that are compulsory for the Honours Degree of Bachelor of Arts, and in addition an examination of honours standard, in the school or schools to which his subject of study relates; or
- (c) submit other evidence that will satisfy the Faculty that his case deserves special approval.

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 Political Science and History, English Language and Literature and Latin, English Language and

\* Allowed 14th December, 1944.

§ Amended 14th December, 1950.

‡ Amended 3rd January, 1935, and 7th December, 1939.



Literature and Greek, Mathematics and Greek, Political Science and History and Classics, 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

7. All previous regulations of the degree of Master of Arts are hereby repealed. Candidates who have graduated as Bachelors of Arts in or before the year 1930 and who wish to proceed under the regulations hereby repealed must apply to the Council to have their position defined. In any case, all candidates proceeding under the regulations hereby repealed must complete the course not later than December, 1933.

† Allowed 30th November, 1933.      • Allowed 17th December, 1931.  
Allowed 10th December, 1930.

#### OF THE DEGREE OF DOCTOR OF LETTERS REGULATIONS

1. A Bachelor of Arts with Honours, or a Master of Arts, or a Master or Doctor in any other Faculty, who has satisfied the Faculty of Arts that he has an adequate training in letters, may proceed to the degree of Doctor of Letters 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 Arts with Honours, or of Master of Arts, or of Master or Doctor in another Faculty.

2. The degree shall be awarded only to a candidate who submits to the University work containing an original, substantial and scholarly contribution to some branch of letters.

3. Before submitting his work the candidate must send to the Faculty of Arts for its approval a brief statement, indicating the subject of his work and giving an outline of his treatment. A candidate proposing to submit a thesis is recommended to send this brief statement at least a year before submitting his work. He should also send, either with this preliminary statement or with the actual work, a further statement indicating what parts of the work he believes to be original and what he considers to be the most notable contribution to knowledge contained in it.

4. If the Faculty of Arts approves of the subject and the method of treatment so outlined, the candidate may, either at once or at such later time as he may wish, submit his work. This may be either

- (a) a published work, or a collection of published work treating some one subject; or
- (b) an unpublished thesis (in typescript or printed form); or
- (c) a published work accompanied by unpublished work dealing with the same subject.

5. The candidate may submit other published work in support of that on which he basis his main claim to the degree.

\*6. Two copies of all work to be submitted must reach the Registrar at least six months before the date on which the candidate desires to be admitted to the degree.

7. When the work has been duly submitted examiners will be appointed. On the receipt of their reports the Faculty of Arts will recommend whether the degree be granted or withheld or delayed.

8. One copy of the material submitted by a successful candidate shall be deposited in the library of the University before the candidate is admitted to the degree.

\*9. The following fees shall be paid in advance:

On submission of the work for examination	-	-	£21	0	0
On admission to the degree	-	-	5	5	0

\* Allowed 14th December, 1950.

Allowed 11th December, 1941.

#### 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 20th December, 1951.

## 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), and III (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 III;
  - Law I, II and III;
  - Pure Mathematics IA and IIA and *either* Pure Mathematics IIIA *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;
- 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.

NOTE: The regulations 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 IA and IIA;  
 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 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 Professor of Economics that he may be exempted from the whole or part of the foregoing examination.

3. Every candidate shall 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.

4. 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.

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 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 8th December, 1938.

## 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:* Mathematics I (84), Physics I (101), Chemistry I (111), Geology I (141), Botany I (151), Zoology I (161), Biology (158).

*Group B:* Mathematics II (88), 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 (171), Bacteriology I (175).

*Group C:* Mathematics III (94), 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), Bacteriology II (176), Physiology (173).

*Group D:* Histology (179), Statistical Methods (92), Agricultural Chemistry (125), Economics (51S), Mining I (267), Surveying I (276), Genetics (159), Palæontology (147).

† Amended 16th December, 1948, 8th December, 1949, and 14th December, 1950.

\*3. A candidate for the Ordinary degree shall, unless exempted therefrom, attend regularly courses of lectures and practical work and pass examinations in:

- (a) four subjects, including Physics I and Chemistry I, from Group A;
- (b) *either* three subjects from Group B *or* two subjects from Group B (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) a candidate who does not include the full course in Inorganic and Physical Chemistry II as one of his subjects from Group B may submit Statistical Methods and the Physical section of Inorganic and Physical Chemistry II in lieu of a subject from Group B;
- †(3) if Organic Chemistry II and Biochemistry are the only two subjects submitted from Group B they must be accompanied by either Histology or Statistical Methods;
- (4) a candidate who desires to obtain the degree of Bachelor of Science in Forestry shall comply with Regulation 4;
- (5) no candidate who holds, or is also a candidate for the degree of Bachelor of Engineering in the Department of Electrical Engineering may present the same course in Pure Mathematics IIIA as part of the work for both degrees;
- ‡(6) subject to the approval of the Faculty of Science in each case, one only of the following combinations of subjects may be submitted in lieu of a subject from Group C, provided that no section of either composite subject be counted as part of the requirements from Group B, namely:
  - (i) Biochemistry, Statistical Methods, and the Physical section of Inorganic and Physical Chemistry II;
  - (ii) Agricultural Chemistry, Statistical Methods and the Stratigraphical and Palaeontological section of Geology II;
  - (iii) Genetics and Statistical Methods;
- (7) subject to the approval of the Faculty in each case Mining 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;
- \*\* (8) a candidate who presents Geology III as one of his subjects from Group C may present *either* Palaeontology and 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

\* Amended 16th December, 1948.

† Amended 11th December, 1947.

\*\* Allowed 14th December, 1950.

‡ Amended 8th December, 1949.



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, Palæontology in lieu of a third subject from Group B.

4. A candidate for the Ordinary degree of Bachelor of Science in Forestry—

(a) shall complete the following subjects:

*From Group A:* Physics I, Chemistry I, Botany I, Pure Mathematics I, Geology I;

*From Groups B and D:* Botany II, Economics, and *either one* other subject from Group B *or* Agricultural Chemistry;

(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) Economic Geology.

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), (e) Botany (155), (f) Zoology (165), (g) Biochemistry (172), (h) Physiology (174), (j) Anatomy (180), (k) Economic Geology (150).

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 that in Physics a candidate will be required to have completed only one of Physics IIIA and Physics IIIB.

† Amended 16th December, 1948, 16th June, 1949, and 8th December, 1949.

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 Anatomy shall not begin the final year's work in that subject until he has completed:

- (a) four subjects including Physics I and Chemistry I from Group A; and
- (b) such preliminary work in other subjects as the Faculty of Science shall determine.

The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class

Second Class

Division A

Division B.

7. All examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations, and examinations in a subject in which the course of instruction has been completed before the end of the second term may be held at any convenient time fixed by the Council.

\*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

\* Allowed 23rd January, 1947, and amended 11th December, 1947.

† Allowed 8th December, 1949.

the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty and under such conditions as the Faculty may prescribe.

A candidate who wishes to proceed under these provisions must enter provisionally for his year's work on a special form.

For the purpose of this regulation a candidate who fails to receive permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

9. A candidate may be excused attendance at lectures on any subject in which he desires to be examined, but only upon grounds approved by the Council.

10. No graduate who has obtained the Honours degree of Bachelor of Arts in Mathematics can obtain the Honours degree of Bachelor of Science in that subject.

11. Students who have passed examinations *in pari materia* in other Faculties or otherwise, or who desire that their work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Science, may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine.

12. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Science and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

Allowed 23rd January, 1947.

#### SCHEDULE OF FEES MADE BY THE COUNCIL UNDER REGULATION 12

##### A. For the Ordinary Degree:

		Lectures	Practical Work
1. Pure Mathematics IA, IIA, IIB, IIIA and IIIB - - - - - each	£5	5 0	
Applied Mathematics I and II - each	5	5 0	
First-year 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	-	-	-	-	-	6	6	0	8	8	0
Physiology	-	-	-	-	-	6	6	0	16	16	0
5. Geology I	-	-	-	-	-	3	3	0	3	3	0
Geology II	-	-	-	-	-	4	4	0	8	8	0
Geology III	-	-	-	-	-	8	8	0	12	12	0
Palæontology	-	-	-	-	-	5	5	0	8	8	0
6. Botany I	-	-	-	-	-	3	3	0	5	5	0
Botany II	-	-	-	-	-	4	4	0	12	12	0
Botany III	-	-	-	-	-	5	5	0	12	12	0
7. Zoology I	-	-	-	-	-	3	3	0	5	5	0
Zoology II	-	-	-	-	-	4	4	0	12	12	0
Zoology III	-	-	-	-	-	5	5	0	12	12	0
8. Bacteriology I	-	-	-	-	-	3	3	0	5	5	0
Bacteriology II	-	-	-	-	-	5	5	0	15	15	0
9. Biology	-	-	-	-	-	3	3	0	5	5	0
10. Statistical Methods	-	-	-	-	-	5	5	0			
Mathematical Statistics	-	-	-	-	-	5	5	0			
11. Histology (inclusive fee)	-	-	-	-	-	5	5	0			
12. Forestry Course:											
Botany IIA	-	-	-	-	-	5	5	0	14	14	0
Economics	-	-	-	-	-	5	5	0			
Agricultural Chemistry	-	-	-	-	-	3	3	0	6	6	0
13. Mining Engineering I	-	-	-	-	-	4	4	0			
Surveying I	-	-	-	-	-	1	11	6	3	3	0
14. Genetics	-	-	-	-	-	5	5	0	8	8	0

## B. For the Honours degree of B.Sc.:

## 1. Mathematics (as for the Honours degree of B.A.).

2. Physics	-	-	-	-	-	-	-	-	£25	0	0
3. Chemistry	-	-	-	-	-	per	annum		25	0	0
4. 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. Economic Geology	-	-	-	-	-	-	-	-	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	-	-	6

(c) For the whole examination in any subject for the Honours degree

-	-	-	7	7	0
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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 Mathematics) as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

2. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Science as equivalent to one of the qualifications required in regulation 1, may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

3. A candidate who holds the Honours degree of Bachelor of Science or Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no

\* Allowed 14th December, 1944.

† Allowed 20th December, 1951.

other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to science in support of his candidature. In the department of Mathematics a candidate may elect to present himself for an examination on an approved course of study in lieu of submitting a thesis.

\*5. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis, or the branch of Mathematics in which he wishes to be examined. The Faculty of Science, if it approve the subject of his research or his proposed course of study in Mathematics, may appoint a supervisor to guide the candidate in his work.

\*6. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

†7. A candidate for the degree of Doctor of Philosophy or Doctor of Science whose work is considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not to be of sufficient merit to qualify for the degree of Doctor but of sufficient merit for the degree of Master may be admitted to the degree of Master provided that he is qualified to become a candidate for the degree.

8. A candidate shall deposit a printed or typewritten copy of his thesis in the library of the University before he is admitted to the degree.

9. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall on the recommendation of the Faculty of Science be admitted to the degree of Master of Science.

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

\* Allowed 14th December, 1944. † Amended 8th December, 1949.  
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

\* Allowed 10th January, 1946.

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.

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 10th December, 1936, and amended 10th January, 1946.

\* 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.

\* Allowed 23rd January, 1947, and amended 11th December, 1947.

† Amended 16th December, 1948.



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.

#### 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 (186).
- 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 vacations), 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.
- (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

\* Allowed 20th December, 1951.

these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions in Agricultural Science in support of his candidature.

5. Unless the candidate has obtained the Honours Degree of Bachelor of Agricultural Science, he shall, before submitting his thesis as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

6. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis. The Faculty of Agricultural Science, if it approve the subject of his research, may appoint a supervisor to guide the candidate in his work.

7. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

8. A candidate shall deposit a printed or typewritten copy of his thesis in the library of the University before he is admitted to the degree.

9. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall, on the recommendation of the Faculty of Agricultural Science, be admitted to the degree of Master of Agricultural Science.

10. The 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.

#### 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.

\*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

\* Amended 8th December, 1949.

† Repealed 20th December, 1951.

the professors and lecturers, unless exempted by the Faculty of Engineering. Any such exemption shall hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

6. Except in case of illness or other sufficient cause allowed by the Council, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

7. No candidate shall be granted exemption from attendance at lectures or practical work in any subject, except upon grounds approved by the Council.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

9. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Engineering, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. No candidate who has presented the subject Surveying as partial satisfaction of the requirements for the degree of Bachelor of Science may obtain in addition the degree of Bachelor of Engineering in the Department of Civil Engineering, unless he either completes his qualifications for the degree of Bachelor of Science in subjects apart from Surveying, or passes, in addition to the subjects of the ordinary curriculum, in such further subjects of the Engineering courses as may be approved by the Faculty of Engineering.

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. (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 work in the course for the Ordinary degree.

†(b) Except in special circumstances to be approved by the Council, a candidate shall have completed the full course for the Ordinary degree in Civil, Mechanical or Electrical Engineering before applying for permission to proceed to the Honours degree, provided that a candidate who has already passed in Pure Mathematics IIIA, Applied Mathematics II, and Physics III may apply after he has completed the first three years of the course for the Ordinary degree in Civil, Mechanical or Electrical Engineering.

(c) 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.

14. To qualify for the Honours degree, a candidate shall:

- (a) complete the work for the Ordinary degree, if he has not already done so; and
- (b) subsequently attend a course of instruction and laboratory work and pass an examination in an advanced course of work as prescribed in the syllabus:

Provided that, subject to the approval of the Faculty in each case, a candidate who has already passed in Pure Mathematics IIIA, Applied Mathematics II and Physics III, may be permitted to take the Honours work concurrently with the fourth-year work of the course for the Ordinary degree. For such a candidate the content of the fourth year of the work for the Ordinary degree may be reduced to allow time for special studies for the Honours degree.

15. (a) 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.

(b) 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.

16. 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.

† Amended 16th December, 1948.

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, which may be reduced to £10/10/- in the case of a candidate who has already passed in Physics III, Pure Mathematics IIIA and Applied Mathematics II.

### OF THE DEGREE OF MASTER OF ENGINEERING REGULATIONS

1. Every candidate for the degree of Master of Engineering must be a Bachelor of Engineering of at least two years' standing.

2. Every candidate shall submit evidence satisfactory to the Council that he has had at least three years of practical experience in Engineering work.

3. Every candidate must submit for examination a thesis which may be (a) an original design for some engineering work; or (b) 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 (c) an account of some original inquiry or investigation made by him into some matter connected with engineering.

\*The subject of the thesis shall be submitted to, and approved by, the Faculty of Engineering at least three months before the thesis is sent in for examination.

The candidate shall adduce, if required, sufficient evidence of the originality of his design or thesis.

4. Candidates may, if the examiners think fit, be required to pass an examination in that branch of work from which the subject of the thesis is taken, and may be required to attend at the University for that purpose.

5. Either the original or an approved copy of each design or 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 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 15th December, 1937.

Allowed 3rd January, 1935.

### DETAILS OF COURSES AND SCHEDULES PRESCRIBED UNDER REGULATION 2 OF THE DEGREE OF BACHELOR OF ENGINEERING

Abbreviations.—In the column headed "Hours a week" a single figure such as 2, means 2 hours a week throughout the year. A figure with a suffix such as 2<sup>2</sup>, means two hours a week for two terms.

U—University; S.M.—School of Mines; S.A.—School of Art.

The courses are divided into years for the guidance of students. It is not necessary for a student to take all the subjects of a year's course simultaneously, or to complete all the subjects set out for one year before enrolling for any of the next. But a student who desires to take a third-year subject before completing the first year of his



course, or a fourth-year subject before completing the second year, must make application to the Faculty for permission to do so.

All part-time students, and those desiring to take subjects from different years, must submit their proposed course of study to the Assistant to the Dean of the Faculty for approval.

#### PRACTICAL EXPERIENCE

Except in special circumstances approved by the Faculty, of the six months' practical experience required under Regulation 4 (b), at least three months must be other than routine work such as assaying or drawing.

#### MEDICAL EXAMINATION

Many employers of engineering graduates require a prospective employee to submit himself to a medical examination, which in some cases is of a very searching character. Students taking engineering courses, more particularly those taking Mining, are advised to undergo a medical and X-ray examination during the early part of their course.

#### AERONAUTICAL ENGINEERING AND NAVAL ARCHITECTURE

The University of Sydney has established a special four-year course in Aeronautical Engineering and the University of Queensland one in Naval Architecture. Adelaide students who have completed the first two years of the Civil, Electrical and Mechanical courses under the new schedules may apply for admission to the third year of Aeronautical Engineering in Sydney or of Naval Architecture in Queensland. Such application should be made in writing and should be accompanied by documentary evidence of the status reached in the University of Adelaide.

#### FEES

The following rules regarding fees for University subjects have been made by the Council:

(i) The fee for attendance a second or subsequent time at the course of practical work (including the practical examination) in any subject will be the full fee prescribed in the schedules.

(ii) The fee for a special theoretical examination in any subject, or for an ordinary theoretical examination with exemption from attendance or re-attendance at the course of lectures, will be one-half of the fee prescribed in the schedules, but no such examination fee shall be more than £3 3/-.

(iii) The fee for a practical examination (ordinary or special) in any subject without attendance or re-attendance at the course of practical work will be £1 11/6.

The fees for subjects and examinations of the South Australian School of Mines and Industries or of the South Australian School of Arts and Crafts will be as prescribed by those institutions.

DEPARTMENT OF MINING, METALLURGICAL AND  
CHEMICAL ENGINEERING

The Preliminary 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 Preliminary Year, or who desire to change to the new schedules, should consult the Professor.

MINING ENGINEERING

		PRELIMINARY YEAR					Place of		
Subject No. in Syllabus	Subject			Hours a week	Lecture	£.	s.	d.	
111	Chemistry I, Lectures	.....	.....	3	U.	5	5	0	
	Practical	.....	.....	6	U.	7	7	0	
85	Pure Mathematics IA, Lectures	.....	.....	3	U.	5	5	0	
	Tutorial	.....	.....	1	U.				
101	Physics I, Lectures	.....	.....	3	U.	5	5	0	
	Practical	.....	.....	3	U.	4	4	0	
FIRST YEAR									
118	Inorganic Chemistry II, Lectures	.....	.....	2	U.	4	4	0	
114B	Practical	.....	.....	8	U.	10	10	0	
89	Pure Mathematics IIA, Lectures	.....	.....	3	U.	5	5	0	
	Tutorial	.....	.....	1	U.				
91	Applied Mathematics I, Lectures	.....	.....	3	U.	5	5	0	
	Tutorial	.....	.....	1	U.				
248	Engineering Drawing I, Practical	.....	.....	4	S.M.	3	15	0	
286	Workshop Practice I, Lectures	.....	.....	1 <sup>2</sup>	S.M.	} 2	10	0	
	Practical	.....	.....	3 <sup>2</sup>	S.M.				
246	*First Aid	.....	.....	3 <sup>1</sup>		0	14	0	
247	General Engineering	.....	.....	1 <sup>1</sup>	U.				
* First Aid may be completed at any time before graduation.									
SECOND YEAR									
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 <sup>2</sup>	U.	3	13	6	
249	Engineering Drawing II, Lectures	.....	.....	1 <sup>2</sup>	S.M.	} 2	10	0	
	Practical	.....	.....	3 <sup>2</sup>	S.M.				
264	Physical Metallurgy I, Lectures	.....	.....	1	S.M.	} 6	0	0	
	Practical	.....	.....	3	S.M.				
THIRD YEAR									
221	Civil Engineering I, Lectures	.....	.....	2	U.	4	4	0	
	Practical	.....	.....	6 <sup>1</sup> 3 <sup>2</sup>	U.	6	6	0	
256	Mechanical Engineering I, Lectures	.....	.....	2 <sup>2</sup> 3 <sup>1</sup>	U.	5	5	0	
	Practical	.....	.....	6 <sup>1</sup> 3 <sup>2</sup>	U.	6	6	0	
224	Hydraulics, Lectures	.....	.....	1	U.	2	12	6	
	Practical	.....	.....	3 <sup>1</sup>	U.	1	11	6	
267	Mining Engineering I, Lectures	.....	.....	2	U.	4	4	0	
143	Geology II (B.E. Course), Lectures	.....	.....	2 <sup>2</sup>	U.	2	16	0	
	Practical	.....	.....	6 <sup>2</sup>	U.	5	12	0	
145	Mining Geology, Lectures	.....	.....	2 <sup>1</sup>	U.	2	2	0	
	Practical	.....	.....	6 <sup>1</sup>	U.	3	3	0	
277	Surveying IA, Lectures	.....	.....	1	S.M.	5	12	6	
	Practical	.....	.....	3					

FOURTH YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £. s. ct.
268	Mining Engineering II, Lectures	2	U.	4 4 0
	Practical	6	U.	5 5 0
261	Process Engineering I— Part A, Unit Operations, Lectures	1	U.	1 1 0
	Practical	3	U.	1 11 6
	Part B, Extractive Metallurgy, Lectures	1	U.	2 2 0
	Practical	3	U.	3 13 6
270	Oredressing, Lectures	2 <sup>2</sup>	S.M.	3 0 0
	Practical	3 <sup>2</sup>	S.M.	3 0 0
203	Assaying I, Lectures	1	S.M. }	10 10 0
	Practical	6	S.M. }	

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.

Long Vacation—Practical Mining Experience—of not less than 8 weeks.

Fourth Year: August Vacation—Mining Trip.

METALLURGICAL AND CHEMICAL ENGINEERING

PRELIMINARY YEAR

111	Chemistry I, Lectures	3	U.	5 5 0
	Practical	6	U.	7 7 0
85	Pure Mathematics IA, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
101	Physics I, Lectures	3	U.	5 5 0
	Practical	3	U.	4 4 0

FIRST YEAR

113	Inorganic Chemistry II, Lectures	2	U.	4 4 0
	Practical	8	U.	10 10 0
114B	Pure Mathematics IIA, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
89	Pure Mathematics IIA, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
91	Applied Mathematics I, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
248	Engineering Drawing I, Practical	4	S.M.	3 15 0
286	Workshop Practice I, Lectures	1 <sup>2</sup>	S.M. }	2 10 0
	Practical	3 <sup>2</sup>	S.M. }	
246	*First Aid	3 <sup>1</sup>		0 14 0
247	General Engineering	1 <sup>1</sup>	U.	

\* First Aid may be completed at any time before graduation.

SECOND YEAR

117a	Physical Chemistry III, Lectures	2 <sup>2</sup>	U.	3 10 0
118a	Practical	8	U.	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 <sup>2</sup>	S.M.	2 10 0
	Practical	3 <sup>2</sup>	S.M.	
264	Physical Metallurgy I, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	

		THIRD YEAR			Hours	Place	Fee		
Subject No. in Syllabus	Subject			a week	of Lecture	£.	s.	d.	
256	Mechanical Engineering I,	Lectures	.....	2 <sup>2</sup>	U.	5	5	0	
		Practical	.....	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6	6	0	
241	Electrical Engineering I,	Lectures	.....	2	U.	3	13	6	
		Practical	.....	3 <sup>2</sup>	U.	3	13	6	
224	Hydraulics,	Lectures	.....	1	U.	2	12	6	
		Practical	.....	3 <sup>1</sup>	U.	1	11	6	
261	Process Engineering I—	Part A, Unit Operations (I),	Lectures	.....	1	U.	2	2	0
			Practical	.....	3	U.	3	13	6
		Part B, Extractive Metallurgy,	Lectures	.....	1	U.	2	2	0
			Practical	.....	3	U.	3	13	6
277	Surveying IA,	Lectures	.....	1	S.M. }	5	12	6	
		Practical	.....	3	S.M. }				

		FOURTH YEAR			Hours	Place	Fee		
262	Process Engineering II—	Part A, Unit Operations (II),	Lectures	.....	2	U.	3	3	0
			Practical	.....	6	U.	5	5	0
		Part B, Applied Chemistry,	Lectures	.....	1	U.	2	2	0
			Practical	.....	3	U.	3	3	0
		Part C, Economics,	Lectures	.....	1	U.	2	2	0
			Practical	.....	6	U.	3	3	0
270	Oredressing,	Lectures	.....	2 <sup>2</sup>	U.	3	0	0	
		Practical	.....	3 <sup>2</sup>	U.	3	0	0	
203	Assaying I,	Lectures	.....	1	S.M. }	10	10	0	
		Practical	.....	6	S.M. }				
		Seminar	.....	3	S.M.				

## VACATION WORK (Compulsory):

First year: Long Vacation—Workshop Practice—of not less than 8 weeks.

Second Year: Long Vacation—Works Laboratory (Research or Analytical)—for not less than 8 weeks.

Third Year: August Vacation—Industrial Plants Trip.

Long Vacation—Industrial Plant Experience—for not less than 8 weeks.

Fourth Year: August Vacation—Industrial Plants Trip.

## CIVIL, ELECTRICAL AND MECHANICAL ENGINEERING

		FIRST YEAR			Hours	Place	Fee		
85	Pure Mathematics IA,	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.	3	15	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 <sup>2</sup>	S.M. }	2	10	0	
		Practical	.....	3 <sup>2</sup>	S.M. }				
246	† First Aid	.....	.....	3 <sup>1</sup>	.....	0	14	0	
247	General Engineering	.....	.....	1 <sup>1</sup>	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.
89	Pure Mathematics IIA, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
91	Applied Mathematics I, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
103	*Physics II, 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 15 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 <sup>1</sup> 3 <sup>2</sup>	U.	6 6 0
256	Mechanical Engineering I, Lectures	2 <sup>2</sup> 3 <sup>1</sup>	U.	5 5 0
	Practical	6 <sup>1</sup> 3 <sup>2</sup>	U.	6 6 0
241	Electrical Engineering I, Lectures	2	U.	3 13 6
	Practical	3 <sup>2</sup>	U.	3 13 6
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 <sup>1</sup>	U.	1 11 6
224	Hydraulics, Lectures	1	U.	2 12 6
	Practical	3 <sup>1</sup>	U.	1 11 6
287	Workshop Practice II, Lectures	1	S.M.	5 12 6
	Practical	3	S.M.	

ELECTRICAL ENGINEERING

221	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
256	Mechanical Engineering I, Lectures	2 <sup>2</sup> 3 <sup>1</sup>	U.	5 5 0
	Practical	6 <sup>1</sup> , 3 <sup>2</sup>	U.	6 6 0
241	Electrical Engineering IA, Lectures	2	U.	3 13 6
	Practical	3 <sup>2</sup>	U.	3 13 6
242	Electronic Engineering IA, Lectures	1	U.	1 11 6
	Practical	3 <sup>1</sup>	U.	1 11 6
242	Electronic Engineering IB, Lectures	1	U.	1 11 6
	Practical	3 <sup>2</sup>	U.	2 12 6
287	Workshop Practice II, Lectures	1	S.M.	5 12 6
	Practical	3	S.M.	

FOURTH YEAR

CIVIL ENGINEERING

223N	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	3	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
281	*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.
242	Electrical Engineering II—			
	Part A, Servomechanisms, Lectures	5	U.	3 3 0
	Practical	12	U.	5 5 0
	Part B, Power, Lectures	4	U.	8 8 0
	Practical	15	U.	12 12 0
	or Part C, Communications, Lectures	4	U.	8 8 0
	Practical	15	U.	12 12 0
	Seminar	2	U.	2 2 0
	Specialist Lectures	1	U.	
224	Hydraulics, Lectures	1	U.	2 12 6
	Practical	3 <sup>1</sup>	U.	1 11 6
245	Industrial Engineering	2	U.	4 4 0

## MECHANICAL ENGINEERING

257N	Mechanical Engineering II—			
	Part A, Thermodynamics, Lectures	4 <sup>1</sup> , 2 <sup>1</sup>	U.	4 4 0
	Practical	3	U.	6 16 6
	Fluid Mechanics, Lectures	1	U.	3 3 0
	Practical	3 <sup>1</sup>	U.	1 11 6
	Part B, Theory of Machines II, Lectures	2 <sup>1</sup> 1 <sup>2</sup>	U.	3 3 0
	Practical	3 <sup>2</sup>	U.	3 3 0
	Machine Design II, Lectures	2 <sup>2</sup>	U.	3 3 0
	Practical	6	U.	6 6 0
245	Industrial Engineering, Lectures	2	U.	4 4 0

## ARCHITECTURAL ENGINEERING

## FIRST YEAR

112*	Inorganic Chemistry I, Lectures	2	U.	3 3 0
	Practical	3	U. or S.M. }	5 5 0
230	Drawing I	4	S.M.	3 15 0
232	Antique Drawing I	3	S.A.	1 2 6
219	Building Construction and Drawing I	3	S.M.	4 10 0
85	Pure Mathematics IA, 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.	4 10 0
	Practical	2	S.M. }	
247	General Engineering	1 <sup>a</sup>	U.	—

## SECOND YEAR

91*	Applied Mathematics I, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
89*	Pure Mathematics IIA, Lectures	3	U.	5 5 0
	Tutorial	1	U.	
220	Building Construction and Drawing II, Lectures	1 <sup>2</sup>	S.M.	4 10 0
	Practical	2	S.M. }	
239	Architectural Measured Drawing and Sketching	3	S.M.	3 3 0
213	Architectural History II, Lectures	1	S.M.	4 10 0
	Practical	2	S.M. }	
237	Geometrical Projection and Rendering	4	S.M.	4 10 0

## THIRD YEAR

141*	Geology I, Lectures	2	U.	3 3 0
	Practical	3	U.	3 3 0
214	Architectural Design I	6	S.M.	6 15 0
209	Architectural Theory Construction and Practice I, Lectures	1	S.M.	4 10 0
	Practical	3	S.M. }	
233	Antique Drawing II	3	S.A.	2 5 0
274	Strength of Materials, Lectures	2	U.	4 4 0
	Practical	3	U.	4 4 0
246	First Aid	3 <sup>1</sup>		0 14 0

FOURTH YEAR

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
215	Architectural Design II	6	S.M.	9 15 0
210	Architectural Theory Construction and Practice II,			
	Lectures	2	S.M.	6 0 0
	Practical	3	S.M.	
221N	Civil Engineering I, Lectures	2	U.	4 4 0
	Practical	6 <sup>1</sup> 3 <sup>2</sup>	U.	6 6 0
277	Surveying IA, Lectures	1	S.M.	5 12 6
	Practical	3	S.M.	

FIFTH YEAR

211	Architectural Theory Construction and Practice III,			
	Lectures	3	S.M.	8 8 0
	Practical	3	S.M.	
216	Architectural Thesis		S.M.	4 10 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. Candidates before beginning the course for either degree of Bachelor of Laws shall matriculate in the Faculty of Law; and candidates before beginning the course for the Final Certificate in Law required for admission as a practitioner of the Supreme Court shall either

- (a) matriculate in the Faculty of Law; or
- (b) be articled, or be qualified to be articled, to a practitioner of the Supreme Court.

3. The subjects for examination for the degree of Bachelor of Laws shall be divided into two classes, hereinafter distinguished as Ordinary subjects and Special subjects.

†4. The ordinary subjects are the following:—

- 1. Elements of Law and Legal and Constitutional History (301),
- 2. The Law of Contracts (302),
- 3. The Law of Wrongs (Civil and Criminal) (303),
- 4. The Law of Property (Real and Personal) (304),
- 5. The Law of Equity and Conveyancing (305),
- 6. Mercantile Law (306),
- 7. The Law relating to Companies, Partnership, Bankruptcy, and Divorce (307),
- 8. The Law of Evidence and Procedure (308),
- 9. Constitutional Law (309),

†5. The special subjects are the following:—

- 1. Latin.
- 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.
- 4. Jurisprudence (including Roman Law) (311),
- 5. Private International Law (312);

\* Allowed 10th December, 1930. † Allowed 5th December, 1935.

† Allowed 5th December, 1935, and amended 7th December, 1939.



Provided that—

§(a) Subject to the approval of the Faculty and to any conditions the Faculty may prescribe, a student who has been allowed to present himself for examination and has failed in Latin may, after passing an examination in translation of prescribed passages from Justinian's Institutes, substitute the first-year course in English Language and Literature for Latin; and such a candidate, if he so wishes, may present English II and III, or English II and one unit in another approved Arts subject as the special subjects numbered 2 and 3;

¶(b) 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 the special subjects numbered 2 and 3.

†6. To obtain the Ordinary degree of Bachelor of Laws candidates are required to pass in all the above subjects, both Ordinary and Special, and also to 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.

\*7. To obtain the Honours degree of Bachelor of Laws candidates must have qualified themselves to obtain the Ordinary degree of Bachelor of Laws and must have been placed in the first class in at least four of the subjects of the course, excluding special subjects 1, 2, and 3, or in the first class in three and in the second class in three of the above subjects. Candidates for the Honours degree must pass in all of the above subjects at the first attempt, and must pass an additional examination in History of English Law.

†8. Candidates for the Final Certificate are required to pass in the ordinary subjects only, and also to 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.

†9. Candidates who have already graduated in Arts will be credited with such of the special subjects as they have included in their qualifications for the degree in Arts.

‡10. Candidates who have passed equivalent examinations in other Faculties or otherwise, and who desire that the examinations which they have passed should be counted *pro tanto* for the degree of Bachelor of Laws may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine.

†11. The Intermediate Examination in Law in the University shall consist of the ordinary subject numbered 1, and either (a) the ordinary subject 2, or (b) one of the special subjects numbered 1, 2, and 3.

\* Allowed 10th December, 1930, and amended 5th December, 1935.

§ Amended 16th December, 1948.

¶ As amended 9th December, 1943.

† Allowed 10th December, 1930.

‡ Allowed 5th December, 1935.

12. Annual Examinations shall be held in November and March in each year.

§13. All ordinary subjects may be taken at any annual examination, and in any order, with the following exceptions: unless the Faculty expressly permit otherwise (a) candidates must have passed in The Law of Contracts, before entering upon the course of lectures in Mercantile Law, (b) candidates must have passed in The Law of Property (Real and Personal) before entering upon the course of lectures in The Law of Equity and Conveyancing, (c) candidates must have passed in The Law of Contracts and The Law of Equity and Conveyancing before entering upon the course of lectures in The Law relating to Companies, Partnership, Bankruptcy, and Divorce.

No special subject may be taken at a March examination unless the express permission of the Faculty has been obtained.

†14. No student shall at any Annual Examination present himself for examination in more than three subjects without the special permission of the Faculty.

\*\*For the purpose of this regulation the examinations in November of any year and in the following March shall be regarded together as constituting one annual examination.

\*15. Subject to the exceptions hereinafter stated no student shall present himself for examination in any subject in respect of which he has not gained credit for one academical year's attendance at lectures.

†A candidate who omits to present himself for examination, or fails to pass in any subject, shall again attend lectures in that subject to the satisfaction of the Professor and Lecturer, unless exempted by the Faculty of Law.

¶16. No student shall be credited with an academical year's attendance at lectures in any subject unless he shall have attended and gained credit for three-fourths of the lectures given on that subject in each term of the year.

Written work done by the candidate, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

17. Any student shall be exempt from the requirements of Regulation 16 if and so long as he is articled to a Practitioner of the Supreme Court whose office is more than ten miles distant from the University.

¶18. The Council, on the recommendation of the Faculty of Law, may exempt any student wholly or partially from the requirements of Regulation 16.

§ Allowed 7th December, 1939.

• Allowed 19th January, 1910.

† Allowed 19th January, 1910, and amended 10th December, 1930.

\*\* Allowed 7th December, 1932.

¶ Allowed 3rd January, 1907.

‡ Allowed 10th December, 1930.

\*19. 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) if qualified under Regulation 2, be removed from one class into the other, on application to the Registrar, and all Ordinary subjects in which he may have passed while in the one class shall be credited to him in the other.

§20. 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. All students, whether exempted from attendance at lectures or not, shall be required to do such written or practical work as may be prescribed by the Professor or Lecturer.

\*21. The names of all students who pass an annual examination in any subject shall be arranged in three classes in order of merit in each class, provided that students who pass in the Special subjects numbered 1, 2, and 3 shall be arranged in accordance with the regulations of the Ordinary degree of Bachelor of Arts. A copy of such list shall be transmitted by the Registrar to the Chief Justice or the Senior Judge of the Supreme Court.

\*\*22. 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.

†23. The undermentioned fees shall be payable in advance:—

(1) Entrance fee payable by all students at the commencement of their course	- - - - -	£2 2 0
(2) Fee payable in each term for every subject in which a student attends lectures, including one annual examination	- - - - -	2 9 0
‡(2a) Fee for the course of lectures in Legal Ethics	-	2 2 0
(3) Fee for attendance at lectures and examination in the Special subjects numbered 1 and 2, the same fee as prescribed by the Regulations of the Ordinary degree of Bachelor of Arts.		
One-half of the fee prescribed for any course shall be paid by students who are exempted from lectures, and by those who take lectures or examinations, or both, a second time.		

¶(3a) Fee for examination in Justinian's Institutes - - 2 2 0

\* Allowed 10th December, 1930.

§ Allowed 3rd January, 1907.

† Allowed 5th December, 1935.

¶ Allowed 10th December, 1936.

\*\* Allowed 11th December, 1947.

† Allowed 2nd December, 1926.

* (4) Fee for each additional examination required for the Honours degree of Bachelor of Laws	-	3	3	0
(5) Fee for the Final Certificate	-	5	5	0

Allowed 10th December, 1930.

## RULES OF THE SUPREME COURT

The Rules of the Supreme Court respecting the admission of legal practitioners which concern students of Law in the University are here printed for convenience of reference, but students are advised to consult the Rules in full:—

### PRELIMINARY.

1. (1) The general rules and orders relating to the admission of barristers, attorneys, solicitors and proctors made on the fifth day of November, nineteen hundred and twenty-five, are annulled as from the coming into operation of these rules.

(3) Any person who, before the 5th day of December, 1935, had entered upon the course of study prescribed for the degree of Bachelor of Laws, or the final certificate in law at the University of Adelaide, and who has been, or shall be, allowed by the Council of that University to complete that course, shall be entitled to apply for admission as a practitioner if he has qualified for admission under the annulled rules; but rules 15 to 20 and 22 to 37 and 39 (all inclusive) shall apply to every such person.

### ARTICLED CLERKS.

5. No articles of clerkship shall be entered into unless the clerk—

(a) has passed the matriculation examination in the University of Adelaide or in some recognised University or the preliminary or any intermediate examination which a person is for the time being required to pass before entering into articles of clerkship to a solicitor of the United Kingdom; and

(b) has passed the intermediate examination in Law in the University of Adelaide; and

(c) has given at least ten clear days' notice to the Society<sup>1</sup> of his intention to present himself before the Board of Examiners<sup>2</sup>, and

(d) has attended personally before the Board of Examiners<sup>2</sup>.

6. Within three months after the execution of his articles the articulated clerk shall—

(a) file the articles;

(b) file an affidavit verifying the execution and date of the articles;

<sup>1</sup>The Law Society of South Australia, Incorporated.

<sup>2</sup>The Board of Examiners of the Supreme Court of South Australia.

(c) produce to the Master<sup>3</sup> certificates showing that the clerk has passed the examinations required by the last preceding rule;

(d) file copies of such certificates;

(e) give notice to the Society<sup>1</sup> of the execution of the articles.

7. Within one month of the execution of any assignment of any articles the 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 Society<sup>1</sup> 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 Examiners<sup>2</sup> that—

<sup>1</sup> The Law Society of South Australia, Incorporated.

<sup>2</sup> The Board of Examiners of the Supreme Court of South Australia.

<sup>3</sup> The Master of the Supreme Court of South Australia.

- (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 articulated clerk: Provided that three years' service shall suffice if the clerk satisfies the Board of Examiners<sup>2</sup> that—

- (a) before being articulated he had passed in at least two subjects prescribed for the degree of Bachelor of Laws in the University of Adelaide in addition to the Intermediate Examination in Law; and
- (b) he had, before his application for admission is considered by the Board<sup>2</sup>, taken or become entitled to take the degree of Bachelor of Laws or Bachelor of Arts in the University of Adelaide or in some recognised University.

13. Any other clerk shall satisfy the Board of Examiners<sup>2</sup> that he has obtained at the University of Adelaide either the degree of Bachelor of Laws or the final certificate in Law, and has served five years under articles—

- (a) to a solicitor of the United Kingdom or of a recognised part of the British Dominions; or
- (b) partly to such a solicitor and partly to a practitioner of the Supreme Court of the State.

14. Any period during which a clerk has been or has acted as associate to a Judge of the Supreme Court of the State, shall be deemed to be a period served as an articulated clerk to a practitioner.

<sup>2</sup> The Board of Examiners of the Supreme Court of South Australia.

OF THE DEGREE OF MASTER OF LAWS  
REGULATIONS

1. No candidate shall be admitted to the degree of Master of Laws until the expiration of two academic years from the date of his admission to the degree of Bachelor of Laws in this or in some other University recognised by this University.

\*1a. A graduate of another University recognised by this University, whose qualifications are considered by the Faculty of Law to be equivalent to those of the degree of Bachelor of Laws, may after the expiration of two years from the date of his admission to such degree 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 0

†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 obtain 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 two terms of study after passing the Second Examination; for the Fourth Examination at the end of two years and one term 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 not in any year be credited with attendance unless he shall have been present at three-fourths of the lectures and have done written and laboratory or other practical work where required, to the satisfaction of the Professors or Lecturers, except in case of illness or other sufficient cause to be allowed by the Council.

§ Written or practical work done by candidates by direction of the professors, lecturers or clinical lecturers, and the results of terminal

• Allowed 10th December, 1930.

† Allowed 1st December, 1921, and amended 5th December, 1935.

§ Allowed 5th December, 1935.

‡ Allowed 15th December, 1937.



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. The Ordinary First, Second, Fourth, and Fifth Examinations shall be held in or about November, the Ordinary Third Examination in August, the supplementary First, Second, and Fourth Examinations in March, and the Supplementary Third Examination in November. 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

† Allowed 7th December, 1939, and amended 14th December, 1950.

‡ Allowed 30th November, 1933.

§ Allowed 10th December, 1930, and amended 15th December, 1937, 7th December, 1939, and 8th December, 1949.

with the medical course. Such recommendation shall be reported to the Council at its next meeting, and the Council, after making such inquiry as it thinks fit, may confirm, vary, or set aside such recommendation.

\*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 20th December, 1951.

‡ 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, in the first and second terms the student shall

- (a) attend a course of lectures and practical work in Anatomy;
- (b) attend a course of lectures and practical work in Neurology;
- (c) attend courses of lectures and practical work in Physiology;

and in the third term the student shall

- (d) attend a course of instruction in the Science and Art of Surgery;
- (e) attend a course of instruction in the Principles and Practice of Medicine and Medical Therapeutics;
- (f) attend a course of instruction and practical work in Pathology;
- (g) attend a course of instruction and practical work in Bacteriology;
- (h) attend a course of lectures in Normal Psychology;
- (i) attend a course of instruction in Pharmacy;
- (j) attend tutorial classes in Medicine, Surgery, Obstetrics, and Pathology;

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) attend the Queen Victoria Maternity Hospital for four weeks for clinical work in Obstetrics;
- (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 in the outpatients' department except during any period of residence at the Queen Victoria Maternity Hospital.

During the 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;

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) 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;
- (i) attend a course of lectures and clinical demonstrations in Psychological Medicine;
- (j) attend courses of lectures in the medical and surgical diseases of children;
- (k) complete a course of instruction in Venereal Diseases, including six attendances at the Venereal Clinic at the Royal Adelaide Hospital;
- (l) complete a course of instruction consisting of twelve attendances at the Metropolitan Infectious Diseases Hospital or other institution approved by the Faculty;
- (m) attend the Queen Victoria Maternity Hospital for four weeks for clinical work in Obstetrics;
- (n) continue to receive tutorial instruction in Medicine and Surgery;
- (o) 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;
- (p) 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.

#### RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ROYAL ADELAIDE HOSPITAL.

NOTE.—Students' Fees must be paid during the first week of attendance.

1. Each medical student admitted to the practice of the Hospital shall be under the control of the Medical Superintendent.
2. No student shall publish the report of any case without the written permission of the Honorary Medical Officer under whose care the patient is or has been.
3. No student may introduce visitors into the Hospital without the permission of the Medical Superintendent.
4. Students shall discharge the duties assigned to them, and pay for or replace any article damaged or lost or destroyed by them through negligence.
5. The Hospital clinical year extends from 1st February until 20th October, but during vacation students may attend at the Hospital for clinical work under the honorary and resident staff.
6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Board, and shall, on dismissal, forfeit all payments which he may have made and all rights accruing therefrom.

Clerks and Dressers.

7. Every Clerk and Dresser shall—
  - (a) be appointed every term, and may apply for appointment under any Honorary Officer; appointments shall be allotted by the Medical Superintendent, who will be guided by the result of the University examinations;
  - (b) attend at 8.30 a.m. and sign his name in a book provided for that purpose; the book shall be removed at 9.15 a.m. for inspection by the Registrar, to whom any failure to attend must be explained;
  - (c) at 9 a.m. attend the wards and accompany his Honorary Officer during his visits, and on other days his Resident Medical Officer when making his round of the wards in the morning; assist him and be under his immediate supervision, and perform any surgical dressings or pathological examinations as directed by him; assist the Surgeon and the House Surgeon in operations upon cases allotted to him; at 12.30 p.m. leave the wards, to which he may return at 1.30 p.m.;
  - (d) take the new cases allotted to him in turn (these must be recorded within twenty-four hours of admission); make subsequently, at least twice a week, written notes to be read by the Honorary Officer, if required;
  - (e) attend the out-patient practice of the Hospital when directed by the Medical Superintendent, and do whatever work may be required of him;
  - (f) attend *post-mortem* examinations, and if in charge of the case while in the ward assist the Pathologist in the examination;
  - (g) in his capacity as a student, if a clinical clerk, and under the direction of, and in the presence of the Pathologist, carry out any *post-mortem* examination required of him (a record of the examinations made by him will be kept in the attendance-book at the mortuary);
  - (h) if present at a *post-mortem* examination, sign his name in the attendance-book, which will be countersigned by the Pathologist.

- (i) at the end of each term, if he has fulfilled these conditions, obtain certificates signed by his Honorary Officers, and at the end of the year by the Medical Superintendent, and countersigned by the Chairman of the Board; if the conditions have not been fulfilled the Dean of the Faculty of Medicine shall be informed.
- Resident Dressers for Casualty Duties.
8. The group of dressers allotted to the Honorary Surgeons shall, during the period the surgeon is taking in cases, be appointed to the following Hospital duties:—
9. Two such dressers shall be permitted to reside in the Hospital and be on duty from 5 p.m. to 9 a.m.
10. There shall be two dressers of the group on casualty duty each day from 9 a.m. to 1 p.m., and two from 1 p.m. to 5 p.m.
11. Each dresser during his term of Hospital duties shall be under the supervision of the Admitting Medical Officer, and shall not administer any treatment except when directed by him.
12. Dressers when performing casualty duties shall—
- assist the Admitting Medical Officer in the Casualty Room;
  - examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;
  - attend or assist at emergency operations, as directed by the Medical Superintendent;
  - write, at the dictation of the Admitting Medical Officer, a summary of investigation and emergency treatment carried out, and submit such to the Resident Medical Officer to whom the patient is assigned.
13. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.
14. }  
15. } Suspended.  
16. }
17. Every medical student shall pay to the Hospital such fees for admission to the practice of the Royal Adelaide Hospital as may be determined by the Board from time to time. The fees to be paid are as follows:
- For instruction in practical pharmacy, £2 2/-.  
For clinical instruction by the Honorary Staff, including medical clerkships and surgical dresserships:—
- For the medical and surgical practice of the Hospital for each student during his fourth or fifth year, £5 5/- a year.
  - For both medical and surgical practice and practice in special subjects (as in the sixth year), £10 10/- a year.
  - For instruction in the post-mortem room, £2 2/- each year for two years.
  - For instruction in the administration of anaesthetics, £3 3/-.
- The above fees are to be paid to the University.
- The following fees are to be paid to the Secretary of the Hospital:—
- An entrance fee when commencing the clinical practice of the Hospital, £5 5/-.
  - For instruction in dentistry, £2 2/-.
- The following fees are to be paid for material supplied by the Institute of Medical and Veterinary Science:—
- For material in bacteriology, £1 1/-.
  - For material in practical pathology, £2 2/-.

Approved by the Council, 1925 and 1933.

#### INSTITUTE OF MEDICAL AND VETERINARY SCIENCE RULES FOR MEDICAL STUDENTS

- The Adelaide Medical Students' Society shall early in each academic year appoint a Committee which shall be responsible for the care of any property at the Institute of Medical and Veterinary Science used by medical students. One of the members of the Committee shall be appointed secretary of the Committee. The members of the Committee shall hold office until their successors are appointed.
- The names of the members of the Committee shall be forwarded annually by the secretary of the Committee to the Registrar of the University and the Secretary of the Institute.
- In the event of damage being caused by students to the grounds or property of the Institute, the Secretary of the Institute shall at once report the fact to the Secretary of the Committee.
- The members of the Committee shall consider any report given under paragraph 3 and if satisfied that the damage reported has been caused by students shall hold themselves responsible to make good the damage to the satisfaction of the Director of the Institute.
- If the members of the Committee are not satisfied that the damage has been caused by students they shall inform the Secretary of the Institute and report at once to the Registrar of the University in order that he may arrange a conference between them and representatives of the Council of the Institute. If no understanding is then reached a joint letter from the conference shall be sent to the Board of Discipline.
- No student may introduce visitors into the Institute without the permission of the Director of the Institute.

#### RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE 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:—

- 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.
- 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 follow:—

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 original and substantial contribution to knowledge. The thesis may be written specially for the degree, or be an already published work, or be a paper or series of papers read before any recognised society approved by the Faculty. It shall not previously have been submitted for any other degree.

## 4. The candidate shall:

- (a) submit with his thesis a declaration that the thesis is his own composition;
- (b) indicate wherein he considers the thesis to advance medical knowledge or practice;
- (c) furnish a history of the progress of medical knowledge in the subjects of the thesis;
- (d) indicate clearly and fully, by appropriate references, the extent to which he is indebted for any portion of his work to any other person.

A candidate is recommended to submit the proposed subject of his thesis for approval by the Faculty in advance, and if possible to consult the Professor or head of the department within which his thesis falls about the nature, scope and arrangement of the thesis before submitting it.

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 shall be lodged with the Registrar not later than the first day of August in the year in which the candidate desires to be admitted to the degree.

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

\* Allowed 14th December, 1950.

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 20th December, 1951.  
 † Amended 16th December, 1948, and 20th December, 1951.  
 ‡ 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 20th December, 1951.

• Allowed 7th December, 1930. § Amended 16th December, 1948.

Allowed 7th December, 1927. \*\* Amended 20th December, 1951.

- (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.

### SCHEDULES

#### Subjects for each Year of the Dental Course

Note.—The dental clinical year at the Department of Dentistry of the Royal Adelaide Hospital extends, except in the case of the second-year students, from 1st February until the date in the Calendar on which lectures end in October. (See Hospital Rule 8.)

During the first year every student shall attend a course of instruction on each of the following subjects:—(a) Chemistry, (b) Physics, (c) Zoology, (d) Dental Materials and Technics.

During the second year every student shall attend a course of instruction on each of the following subjects:—(a) Anatomy and Histology, (b) Junior Dental Anatomy, (c) Physiology and Biochemistry, (d) Dental Histology, (e) Dental Materials and Technics; and shall attend at the Department of Dentistry of the Royal Adelaide Hospital:—(f) the practical demonstrations on Dental Materials and Technics, (g) the course of demonstrations and practical work on Tooth Morphology.

During the third year every student shall attend a course of instruction on each of the following subjects:—(a) General Pathology and Bacteriology, (b) Dental Pathology, (c) Senior Dental Anatomy, (d) Dental Materia Medica, (e) Prosthetic Dentistry, (f) Operative Dentistry, (g) Dental Metallurgy; and shall attend at the Department of Dentistry of the Royal Adelaide Hospital: (h) the courses of demonstrations and laboratory work on Operative Dentistry and on Prosthetic Dentistry, (i) the dental practice and clinical instruction.

During the fourth year every student shall attend a course of instruction on each of the following subjects:—(a) General Surgery, (b) General Medicine, (c) Dental Surgery and Dental Pathology, including Local Anaesthetic technique, (d) Prosthetic Dentistry, (e) Crown and Bridge work, (f) Orthodontia, (g) Children's Dentistry, (h) Radiography, (i) Periodontia, (j) Dental Materia Medica and Therapeutics, (k) Preventive Dentistry, (l) Operative Dentistry; and shall attend at the Royal Adelaide Hospital; (m) the course of clinical instruction on surgical and medical practice; and at the Department of Dentistry; (n) the courses of demonstrations and laboratory work on Prosthetic Dentistry, Crown and Bridge work, Orthodontic Technics, and the administration of Local Anaesthetics, (o) the dental practice and clinical instruction during the whole dental clinical year.

During the fifth year every student shall attend a course of instruction on each of the following subjects:—(a) General Anaesthetics, (b) Prosthetic Dentistry, (c) Orthodontia, (d) Oral Surgery, (e) Dental Jurisprudence, (f) Dental Public Health and Dental Services, (g) Dental Practice and clinical instruction.

For Minimum Requirements, see Syllabus.

#### RULES FOR THE ADMISSION OF DENTAL STUDENTS TO THE PRACTICE OF THE ROYAL ADELAIDE HOSPITAL

1. Each dental student of the University of Adelaide shall be admitted to the practice of the Hospital under the control of the Medical Superintendent.
2. No student may introduce visitors into the Hospital without permission from the Medical Superintendent.
3. Every student shall conduct himself with propriety and discharge the duties assigned to him, and pay for or replace any article injured or lost, or destroyed by him, and make good any loss sustained by his negligence.



4. If any student infringe any rule of the Hospital, or otherwise misconduct himself, he shall be subject to dismissal by the Board.

Clinical Work at the Hospital.

5. Each student of the fourth year shall attend a course of elementary surgical and medical training from his lecturers on Surgery and Medicine.

6. Each student shall attend on the days and at the hours fixed by his Clinical Instructors in Surgery and Medicine, and accompany them in the wards or in the out-patients' department, and perform such duties as they may require of him.

At the end of the clinical year, if he has fulfilled these conditions, a certificate shall be signed by his Clinical Instructor in Medicine or Surgery and by the Medical Superintendent, and be countersigned by the Chairman of the Board. If the conditions have not been fulfilled the Clinical Instructor may refuse to sign the certificate, and shall inform the Dean of the Faculty of Dentistry.

The Department of Dentistry.

7. Each student shall be under the direction and control of the Superintendent of the Department, who shall allot him his work and assess its quality.

8. He shall attend daily at the Department of Dentistry during the whole dental clinical year from 9 a.m. till 1 p.m., and from 2 p.m. till 5, except on Saturday afternoons, Sundays, public holidays, or when attending lectures, demonstrations, examinations, &c., prescribed in the dental course.

A second-year student shall not be expected to attend at the Dental Hospital until the date fixed in the Calendar for the commencement of lectures.

He shall sign daily the roll book of attendance for inspection by the Dental Superintendent, to whom any failure to attend or to keep an appointment must be explained, unless previously sanctioned by him.

9. If the student has fulfilled his required number of attendances and his minimum requirements of dental practice, the Superintendent shall sign his certificates of attendance and practical work, and prior to entry for examination these shall be countersigned by the Chairman of the Board, but if he has not fulfilled these requirements the Superintendent may refuse to sign his certificate, and shall inform the Dean of the Faculty of Dentistry.

Approved by Council, 1927.

## OF THE DEGREE OF MASTER OF DENTAL SURGERY REGULATIONS

1. Only persons who have been admitted to the degree of Bachelor of Dental Surgery in the University of Adelaide may become candidates for the degree of Master of Dental Surgery.

2. To qualify for the degree a candidate shall pass an examination as hereinafter prescribed, unless exempted therefrom by virtue of his having submitted a thesis of sufficient merit as provided for under Regulations 7 and 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

† Amended 8th December, 1949.

\* Amended 16th December, 1948.

means of printed or written papers, *viva voce* questions, practical demonstrations, and work on patients, or by any one or more of those methods as may be determined by the Faculty.

7. 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.

8. 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.

## 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*

*undem 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 Australian Music Examinations Board; *or* (ii) have passed in English

• Amended 8th December, 1949.

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

## (a) Concert Singing

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

## OR (b) Operatic Singing

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<br>1. Chief Practical Study III<br>2. Second Practical Study III<br>3. History of Music II<br>4. Modern Languages III<br>5. Harmony III<br>6. Sight Reading and Aural Training III | OR (b) Operatic Singing<br>1. Chief Practical Study III<br>2. Drama III<br>3. History of Music II<br>4. Modern Languages III<br>5. Harmony III<br>6. Sight Reading and Aural Training III |
|--|---|

and for candidates who elect to be examined as Teachers:

8. Methods of Teaching I

**C. Theoretical School**

1. Chief Study, Composition III
2. Second Practical Study III
3. History of Music II
4. Harmony III
5. Counterpoint II
6. Form and Analysis II
7. Sight Reading and Aural Training III

and for candidates who elect to be examined as Teachers:

8. Methods of Teaching I

**D. School Music**

1. Chief Practical Study III
2. The Scope of School Music III
3. History of Music II
4. Sight Reading and Aural Training III
5. Harmony III
6. Counterpoint II
7. Principles of Class Music Teaching III
8. Form and Analysis I

Unless his Chief or Second Practical Study be pianoforte playing a candidate shall also play on the pianoforte to the satisfaction of the examiners two pieces from a list published each year, and scales and arpeggios in forms defined by schedule.

**II. Schedule of Fees made by the Council under Regulation 7.**

A. For the Entrance Examination in Music, if required	£1 1 0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium	- - - - - 35 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 0
On admission to the degree	-	-	-	5 5 0

‡ Allowed 14th December, 1950.

Allowed 12th December, 1907.

OF THE DIPLOMA IN COMMERCE AND OF THE DIPLOMA  
IN PUBLIC ADMINISTRATION  
REGULATIONS

1. There shall be a Diploma in Commerce and a Diploma in Public Administration. A candidate may obtain either diploma or both.

2. A candidate for either diploma who has already presented for any other degree or diploma a subject or subjects prescribed in the course for the diploma may be required to attend lectures and pass examinations in such other subjects as may be prescribed by the Council.

‡3. (a) After January 1, 1950, except in special cases approved by the Board of Studies in Commerce and Public Administration, a candidate for admission to the course for either diploma shall have passed in four subjects, including English, at the Leaving Examination; and if Arithmetic or Mathematics part I is not also included, Mathematics parts I and II must have been passed at the Intermediate Examination.

(b) Before being admitted to the class in Accountancy I, a candidate must have passed in Bookkeeping at the Leaving Examination or at some other examination of equivalent standard or pass a qualifying examination in Bookkeeping which will be held before the beginning of lectures.

\*4. A candidate for the Diploma in Commerce shall attend courses of lectures and pass examinations in the following subjects:

1. Accountancy I (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, 1952, only candidates who had entered upon the course for either diploma before June 30, 1951, 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 1952, 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 20th December, 1951.  
Allowed 7th December, 1939.

#### Schedule of Fees made by the Council under Regulation 7.

(a) For lectures and examinations:

Accountancy I	-	-	-	-	-	-	£5	5	0
Accountancy II	-	-	-	-	-	-	5	5	0
Accountancy III	-	-	-	-	-	-	5	5	0
Economics I	-	-	-	-	-	-	5	5	0
Commercial Law I	-	-	-	-	-	-	5	5	0
Commercial Law II	-	-	-	-	-	-	5	5	0
Commercial Law III	-	-	-	-	-	-	5	5	0
Statistics I	-	-	-	-	-	-	5	5	0
Commercial Practice (old regulations)	-	-	-	-	-	-	3	3	0
Political Institutions	-	-	-	-	-	-	3	3	0



Public Administration	-	-	-	-	-	4	14	6
Public Finance	-	-	-	-	-	3	3	0

For courses from the Faculty of Arts, fees as prescribed in the regulations for the degree of Bachelor of Arts.

(b) For either diploma - - - - - 2 2 0

One-half of the fee prescribed for any course in Section (a) shall be paid by a student who is exempted from lectures, and by one who attends lectures or examination, or both, a second time.

NOTE: Although students who entered upon the course for either diploma will have until the end of 1956 in which to qualify for the diplomas, it is not proposed to continue without amendment during the intervening years the 1951 courses in the various subjects for the diplomas. Substitute subjects will, however, be approved as follows:

<i>Old Course</i>	<i>New Course</i>
Commercial Law I	Law I*
Commercial Law II	Law II*
Commercial Law III	Law III*
Statistics I	Economic Statistics I
Statistics II and Actuarial Mathematics	Economic Statistics II
Political Institutions )	Political Science
Public Finance )	

\* 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 1952, and the course in Political Institutions in that year will comprise the first two terms' work in Political Science.

## 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 the courses of instruction and pass examinations in the following subjects: Inorganic Chemistry (501 and 502), Organic Chemistry (503 and 504), Volumetric Analysis and Drug Assay (507), Botany (508), Materia Medica (509 and 510), Forensic and Commercial Pharmacy (506), Practical Pharmacy and Dispensing (505, 511 and 512);

- (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.

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 23rd January, 1947.

‡ Allowed 11th December, 1947.

\* Allowed 10th December, 1936.

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;

- (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.

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.

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.

\* Amended 9th December, 1943, and 8th December, 1949.

† Allowed 8th December, 1949, and amended 20th December, 1951.

‡ 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, Mathematics I, Chemistry and Physiology; if Physics and Physiology be not included, these subjects or General Science (two subjects must have been passed at the Intermediate Examination;
    - (c) present a medical certificate approved by the Council.
  3. To obtain the Diploma a candidate shall attend regularly courses of lectures and practical work and pass the examinations proper to each year before commencing the course of study and practice for the following year.
  4. The course shall extend over three years and schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Board of Studies in Physiotherapy and be submitted to and approved by the Council.
- Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.
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.

† Allowed 20th December, 1951.

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 which he has done elsewhere, be counted *pro tanto* for the Diploma in Physiotherapy may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. A candidate who fails to present himself for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

11. A candidate who fulfils the conditions shall be awarded the Diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

° Allowed 10th January, 1946.

‡ Allowed 8th December, 1949.

Allowed 9th August, 1945.

#### Schedule of Fees made under Regulation 4.

A. 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

1. There shall be a degree of Doctor of Philosophy.
2. To become a candidate for the degree a person shall :—
  - (a) be a graduate of the University or of some other University recognised by the University for the purpose;
  - (b) be of such academic standing as may be prescribed for graduates in his Faculty;
  - (c) satisfy the appropriate Faculty of his ability adequately to undertake his proposed course of study for the degree, and
  - (d) be accepted by the Faculty as a candidate to undertake work for the degree.

Subsequent to the allowance of these regulations no person shall undertake work for the degree unless he has first been accepted by the appropriate Faculty as a candidate for the degree.

3. To qualify for the degree a candidate shall:—
  - (a) under the direction of a supervisor or supervisors appointed by the Faculty, pursue a course of advanced study and original research on a subject approved by the Faculty *either* in the case of a candidate holding an approved Honours degree of Bachelor, for at least nine academic terms or two calendar years of full-time work or thirteen academic terms or three calendar years of part-time work, *or* in the case of a candidate holding an approved degree of Master, for at least six academic terms of full-time work or nine academic terms or two calendar years of part-time work;
  - (b) present a satisfactory thesis embodying the results of his advanced study and original research;
  - (c) pass an examination, which may be written or oral or both, on the subject-matter of his thesis and subjects cognate thereto.

Only full-time members of the academic staff of the University shall be permitted to proceed to the degree by part-time work. A full-time member of the academic staff who spends not more than two hours a week in lecturing or six hours a week in demonstrating or tutoring throughout the academic year, or the equivalent thereof, may be regarded by the Faculty as a candidate proceeding to the degree by full-time work; other full-time members of the teaching staff shall be regarded as proceeding to the degree by part-time work.

If the work for the degree be not completed within the University, the candidate, after spending at least six academic terms as a candidate within the University, may be permitted by the Council, on the recommendation of the Faculty concerned, to complete the work at another University or Institution under such conditions and within such time as may be prescribed or approved in each case.



The thesis shall embody a significant contribution to knowledge or scholarship within the scope of its subject.

4. A candidate may be required during his course to attend courses of instruction in subjects prescribed by his supervisor or supervisors and approved by the Faculty.

5. On completing his work a candidate shall lodge with the Registrar a certificate from his supervisor or supervisors of his having diligently pursued his course of advanced study and research for the minimum period prescribed in Regulation 3, and three copies of his thesis conforming in style with specifications to be obtained from the Librarian.

The Faculty will then nominate examiners of whom one at least shall be an external examiner.

The examiners may recommend that the thesis:—

- (a) be accepted; or
- (b) be sent back to the candidate for revision; or
- (c) be rejected.

6. Schedules prescribing details regarding the eligibility of persons to become candidates for the degree, the nature and extent of the work to be performed and the fees to be paid by candidates, may be drawn up from time to time by the Faculty concerned 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.

### Schedules Made by the Council under Regulation 6.

#### I. ACADEMIC STANDING.

The academic standing under paragraph (b) of Regulation 2 required of a candidate for the degree is at present:—

*In the Faculty of Science:* an Honours degree of Bachelor of Science or the degree of Master of Science.

*In the Faculty of Agricultural Science:* an Honours degree of Bachelor of Agricultural Science, the degree of Master of Agricultural Science, or the degree of Master of Science.

*In the Faculty of Engineering:* an Honours degree of Bachelor of Engineering, or the degree of Master of Engineering. Graduates in Mining Engineering, Metallurgical and Chemical Engineering, and 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 Faculty, may proceed to the degree of Doctor of Philosophy in three calendar years.

#### 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 year of full-time work for the degree	£15	15	0
(b)	For each year of part-time work for the degree	10	10	0
(c)	On submission of the thesis for examination	-	10	10
(d)	For admission to the degree	-	-	7 7 0

### III. WORK DONE IN 1949.

Subject in each case to approval by the Faculty concerned, appropriate work carried out during the calendar year 1949, which conforms in all other respects with the requirements of Regulation 3, may be presented as part of the candidate's work for the degree.

NOTE: The Council has decided to excuse full-time members of the teaching staff from payment of the annual fee of £10/10/- for part-time work for the degree.

## 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 £5/5/-, which is payable by all undergraduates and candidates for diplomas, hospital fees payable by medical students, laboratory deposits, charges for the hire of microscopes and other incidental fees.

The following fees are payable in advance in such instalments as the Council shall from time to time determine:

## I. DEGREE OF BACHELOR OF ARTS.

## A. Ordinary degree:—

1. For lectures and examination in each course except in Science subjects	£5 5 0
2. For attendance a second or subsequent time at lectures and examination in any course	2 12 6
3. For a special examination or for an annual examination in any course with exemption from attendance or re-attendance at lectures	2 12 6
4. For lectures, laboratory work, and examinations in each course in a Science subject the same fees as are prescribed for the degree of Bachelor of Science.	

## B. Honours degree:—

1. For such subjects of the course for the Ordinary degree as they are required to pass, candidates pay the fees prescribed in Sub-section A.	
2. For the following special courses:	
Old and Middle English I and II. Each course	5 5 0
Old and Middle French I and II. Each course	5 5 0
First-year and second-year Honours courses in Mathematics. Each course	5 5 0
3. For lectures in the following schools:	
Classics	15 15 0
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
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
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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
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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 IA, IIA, IIB, IIIA and IIB		
..... each	£5 5 0	
Applied Mathematics I and II		
..... each	5 5 0	
First-year 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		
.....	6 6 0	8 8 0
Physiology		
.....	6 6 0	16 16 0
5. Geology I		
.....	3 3 0	3 3 0
Geology II		
.....	4 4 0	8 8 0
Geology III		
.....	8 8 0	12 12 0
Palæontology		
.....	5 5 0	8 8 0
6. Botany I		
.....	3 3 0	5 5 0
Botany II		
.....	4 4 0	12 12 0
Botany III		
.....	5 5 0	12 12 0
7. Zoology I		
.....	3 3 0	5 5 0
Zoology II		
.....	4 4 0	12 12 0
Zoology III		
.....	5 5 0	12 12 0

8. Bacteriology I	.....	.....	.....	.....	3	3	0	5	5	0
Bacteriology II	.....	.....	.....	.....	5	5	0	15	15	0
9. Biology	.....	.....	.....	.....	3	3	0	5	5	0
10. Statistical Methods	.....	.....	.....	.....	5	5	0			
Mathematical Statistics	.....	.....	.....	.....	5	5	0			
11. Histology (inclusive fee)	.....	.....	.....	.....	5	5	0			
12. Forestry Course:										
Botany IIA	.....	.....	.....	.....	5	5	0	14	14	0
Economics	.....	.....	.....	.....	5	5	0			
Agricultural Chemistry	.....	.....	.....	.....	3	3	0	6	6	0
13. Mining Engineering I	.....	.....	.....	.....	4	4	0			
Surveying I	.....	.....	.....	.....	1	11	6	3	3	0
14. Genetics	.....	.....	.....	.....	5	5	0	8	8	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	.....	.....	.....	.....	.....	.....	.....	.....	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. Economic Geology	.....	.....	.....	.....	.....	.....	.....	.....	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

#### 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 438 to 443 and in the rules made by the Council and published on page 437.

B. For the Honours degree:

The fee for each year's work and examination is £25, which, however, may be reduced to £10/10/- if a candidate has already completed Pure Mathematics IIIA, Applied Mathematics II and Physics III.

C. The fee for admission to the Ordinary or the Honours degree is £5/5/-.

XIII. DEGREE OF MASTER OF ENGINEERING.

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

XIV. DEGREE OF BACHELOR OF LAWS AND FINAL CERTIFICATE IN LAW.

1. Entrance fee	.....	£2	2	0
2. For lectures and examination in each legal subject of the course	.....	7	7	0
3. For the course of lectures in Legal Ethics	.....	2	2	0
4. For attendance at lectures and examination in the Special subjects numbered 1, 2 and 3, the same fees as are prescribed in the schedule for the Ordinary degree of Bachelor of Arts.				
5. For examination in Justinian's Institutes	.....	2	2	0
6. For each additional examination required for the Honours degree of Bachelor of Laws	.....	3	3	0
7. For the Final Certificate	.....	5	5	0
8. For admission to either the Ordinary or the Honours degree	.....	5	5	0

One-half of the fee prescribed for any course is paid by students who are exempted from lectures, and by those who take lectures or examination, or both, a second 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	.....	35	0	0
C. For a supplementary examination in any subject of a year's work	.....	1	1	0
D. For the diploma	.....	2	2	0

#### XXV. FELLOWSHIP OF THE ELDER CONSERVATORIUM OF MUSIC

- A. The fee for examination is £15/15/-.  
 B. The fee for the Fellowship is £5/5/-.

#### XXVI. DEGREE OF BACHELOR OF MUSIC.

A. For the entrance examination in the Theory of Music; if required	.....	£1	1	0
B. For each year's work and examination	.....	21	0	0
C. On entry for the final examination for either the Ordinary degree or the Honours degree	.....	5	5	0
D. For a supplementary examination in any subject of a year's work	.....	2	2	0
E. For admission to the degree	.....	5	5	0
F. For any subject of a year's work taken separately	.....	4	4	0

A candidate who takes a whole year's work for a second or subsequent time pays half the fee for that year's work prescribed under Paragraph B above.

#### XXVII. DEGREE OF DOCTOR OF MUSIC.

On submission of the exercise for examination	.....	£10	10	0
On entering for the final examination	.....	10	10	0
On admission to the degree	.....	5	5	0

#### XXVIII. DIPLOMAS IN COMMERCE AND PUBLIC ADMINISTRATION.

A. For lectures and examinations:					
Accountancy I	.....	.....	.....	.....	£5 5 0
Accountancy II	.....	.....	.....	.....	5 5 0
Accountancy III	.....	.....	.....	.....	5 5 0

Economics I or Social Economics .....	5	5	0
Commercial Law I .....	5	5	0
Commercial Law II .....	5	5	0
Commercial Law III .....	5	5	0
Statistics I .....	5	5	0
Political Institutions .....	3	3	0
Public Administration .....	4	14	6
Public Finance .....	3	3	0

For courses from the Faculty of Arts, fees as prescribed in the schedule for the degree of Bachelor of Arts.

B. For either diploma .....

2	2	0
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One-half of the fee prescribed for any course in Section A is paid by a student who is exempted from lectures, and by one who attends lectures or examination, or both, a second time.

#### XXIX. DIPLOMA IN PHARMACY.

The fee for each year's course is paid to the Pharmaceutical Society of South Australia.

The fee for the diploma is £2/2/-.

#### XXX. DIPLOMA IN PHYSICAL EDUCATION.

- The fee for the medical and physical examinations is £2/2/-.
- The fee for the subjects included under Regulation 3 (b) is £42, payable in two annual instalments.
- 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 year of full-time work for the degree	£15	15	0
(b) For each year of part-time work for the degree	10	10	0
(c) On submission of the thesis for examination	10	10	0
(d) 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 and Assistant Lecturers, the Registrar, the Accountant, the Master of St. Mark's College, and such other persons as the Council may from time to time approve, shall be entitled to borrow books from the Library.

2. Graduates of the University, matriculated students, full-time diploma students, and members of the teaching, research, and administrative staffs, other than those named in Clause 1 of this section, 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 only to those entitled to borrow under Section IV, 1. Other members of the teaching and research staffs and Honours and post-graduate students may also borrow such 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 periodical shall be retained by a borrower more than 14 days from the time of borrowing.

\* Approved by the Council, October, 1944.

9. Notwithstanding the foregoing rules, a variation may be made at any time by the Council.

#### V. DEPARTMENTAL LIBRARIES.

The foregoing rules shall apply to Departmental Libraries.

#### VI. RULES FOR THE CONSERVATORIUM LIBRARY

1. Teachers in the Conservatorium are entitled to borrow books, or music from the Library. Students may borrow music on the written recommendation of a teacher, but must not have in their possession more than two copies at the same time.

2. In all other respects the foregoing rules of the University Library shall apply to the Conservatorium Library.

#### VII. RULES FOR THE MEDICAL LIBRARY.

1. All users of the Medical Library, except students, are entitled to have on loan at any one time not more than five bound volumes and two unbound periodicals.

2. Unbound periodicals shall be returned within five days.

3. All users of the Library, except professors and full-time lecturers in the medical faculty and students, shall return bound volumes within a fortnight.

4. Professors and full-time lecturers in the medical faculty shall return all books to the Library in June and December of each year, and the Library shall be closed for borrowing on the day of return and on the following day.

5. Notwithstanding rules 3 and 4 above, the Librarian may recall a book or periodical at any time and thereupon it shall be returned within three days.

6. The fine for a breach of rules 2, 3, or 5 shall be one shilling a volume for each day of detention beyond the time prescribed.

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### LABORATORY RULES

#### RULES APPLYING TO ALL LABORATORIES

Candidates desiring to enter upon any laboratory course in the University must enter their names with the Registrar not later than the seventh Monday in the year.

Provisional entry must be made by that date by students who intend to qualify to take a particular course by presenting themselves for a supplementary examination in February or March. The entry must be completed and the proper fees paid without delay upon the publication of the results of the supplementary examination.

Late entries may be accepted under the provisions set out in Clause 5 of Chapter VIII of the Statutes.

Favourable consideration will be given to applications from undergraduates, who are well advanced in their course, for facilities to carry out approved research. Such applications should be made in writing to the Registrar, and should contain a full statement of the investigation proposed and the facilities desired.

## RULES OF THE BOTANY LABORATORY

1. The Botany Laboratory shall be open each week-day, during term time, from 9 a.m. to 5 p.m., Saturdays 9 to 12.

2. Each student shall have a definite seat assigned to him in the Laboratory, which he may not change without permission.

3. Each student shall have free use of a locker or drawer, of which a key may be obtained on deposit of half-a-crown. This will be refunded when the key is returned.

4. All necessary reagents and materials are provided by the Laboratory, but each student is required to provide himself with the following:—

- 1 pocket lens
- 1 forceps (fine-pointed)
- 1 scissors (fine)
- 3 needles in handles
- 1 pipette with rubber teat
- 2 dusters
- 1 soft silk handkerchief
- 2 razors (one flat and one hollow-ground)
- 1 camel-hair brush (fine)
- Microscope slide glasses, 3 in. by 1 in., in cover glasses, No. 2.
- Lead-pencils
- Notebook for drawing, which must be of unruled paper.

Microscopes.—Each student is required to provide himself with a microscope that shall be subject to the approval of the Professor. Suitable instruments may be hired for use in the Laboratory only, at a fee of £1 11s. 6d.\* per term, but each student is strongly advised to purchase his own instrument.

5. Paper and refuse of any kind must not be thrown into the sinks, but into the receptacles provided for the purpose.

6. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory shall be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

7. All preparations made from materials supplied by the University shall be its property.

8. The Professor may exclude any student from the Laboratory for any cause he shall deem sufficient. Every such exclusion, and the grounds for it, shall be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion 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.<sup>o</sup> 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.

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## 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.

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## 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 LABORATORY 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 1952

PART V

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## 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 1952:
  - Livy, *Book I* (ed. J. R. Brown, Blackie).
  - Cicero, *Pro Milone* (ed. J. S. Reid, C.U.P.).
  - Vergil, *Aeneid, Book VI* (in Vergil, *Aeneid, Books I-VI*, ed. Page, T. E., Macmillan. Students will require a text of *Aeneid I-VI*).
  - Tibullus, *Selections* (ed. J. P. Postgate, 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 1952:
  - Plautus, *Trinummus* (ed. J. H. Gray, C.U.P.).
  - Cicero, *Pro Cluentio* (ed. W. Peterson, Macmillan).
  - Juvenal, *Satires I, III-VIII, X* (ed. J. D. Duff, C.U.P.).
  - Tacitus, *Annals, Books I-II* (ed. H. Furneaux, O.U.P.).
- (d) Questions will be asked on the history of Ancient Books; students should read Kenyon, F. G., *Books and Readers in Ancient Greece and Rome* (O.U.P.).

## 7. Latin III.

- (a) Translation from English into Latin.
- (b) Translation from Latin into English.
- (c) Books specially set for 1952:
  - As for Latin II, together with Vergil, *Bucolics*, and *Georgics*.
- (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.).

## 11. Classics for the Honours Degree of B.A.

*Candidates are recommended to commence Honours work in composition and reading early in their course.*

The examination will comprise the following papers:

- (a) Translation into Greek prose.
  - (b) Translation into Greek verse.\*
  - (c) Translation into Latin prose.
  - (d) Translation into Latin verse.\*
  - (e) Unprepared translation from Greek into English.
  - (f) Unprepared translation from Latin into English.
  - (g) Unprepared translation from Greek and Latin into English.
  - (h) Translation from prescribed Greek books.
  - (j) Translation from prescribed Latin books.
  - (k) Greek general paper
  - (l) Latin general paper
- { Including questions on comparative philology,  
metre and prosody, grammar, literature, and  
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 1952:

- (i) Greek History, 494-431 B.C.
- (ii) Roman History, 146-78 B.C.
- (iii) The Pre-Socratics.

For 1953:

- (i) Greek History, 434-378 B.C.
- (ii) Roman History, 90-44 B.C.
- (iii) The Atomists and the School of Epicurus.

Books specially set for 1952:

Homer, *Odyssey, Books I-XII.*  
 Pindar, *Nemean Odes.*  
 Aeschylus, *Agamemnon.*  
 Sophocles, *Oedipus the King.*  
 Aristophanes, *Clouds.*  
 Herodotus, *Book VI.*  
 Thucydides, *Book I.*  
 Plato, *Phaedo, Politicus.*  
 Demosthenes, *On the Crown.*  
 Aristotle, *Poetics, Metaphysics A.*  
 Plautus, *Mostellaria.*  
 Lucretius, *Book I.*  
 Vergil, *Bucolics and Georgics.*  
 Horace, *Epistles and Art of Poetry.*  
 Juvenal, *Satires I, III-VIII, X.*  
 Cicero, *Orator, Tusculan Disputations, Books I-II.*  
 Sallust, *Jugurtha.*  
 Livy, *Books VIII-IX.*  
 Tacitus, *Annals Books I-III.*  
 Minucius Felix, *Octavius.*

\* Translation into verse is optional. Proficiency in Greek and Latin verse composition will be indicated by the letters G and L respectively appended to the candidate's name in the class list.

Books specially set for 1953:

- Homer, *Odyssey*, Books XIII-XXIV.  
 Pindar, *Olympian Odes*.  
 Aeschylus, *Choephoroi*.  
 Sophocles, *Electra*.  
 Aristophanes, *Birds*.  
 Herodotus, Book V.  
 Thucydides, Book III.  
 Plato, *Republic*, Books VI-VII, *Timaeus*.  
 Isocrates, *Panegyric*.  
 Aristotle, *Ethics*, Books I, II, X.  
 Terence, *Phormio*.  
 Lucretius, Books I-II.  
 Vergil, *Aeneid*, Books I-VI.  
 Horace, *Satires* (omitting I ii, vii, viii, II iv).  
 Lucan, *Pharsalia*, Book VIII.  
 Cicero, *de Finibus*, Books I-II, *de Lege Agraria*.  
 Caesar, *Civil War*, Book III.  
 Livy, Books XLIV-XLV.  
 Tacitus, *Annals*, Books XIV-XVI.  
 Minucius Felix, *Octavius*.

In addition, students will require:

- Texts to illustrate a course of elementary lectures on the History of Greek Philosophy from Thales to Aristotle* (Jackson, H., Macmillan), and *Texts to illustrate a course of elementary lectures on Greek Philosophy after Aristotle* (Adam, J., Macmillan).  
 Schwyzler, E., *Dialectorum Graecarum exempla epigraphica potiora* (Hirzel, S., Leipzig), or *Greek Dialects*, Buck, C. D. (Ginn).  
 Ernout, A., *Recueil de Textes latins archaïques* (C. Klincksieck, Paris).

### 13. Classics for the Degree of M.A.

Students who propose to read Classics with a view to entering for the M.A. examination are advised to take the earliest opportunity of consulting the Professor of Classics about their course of reading.

The examination will be in the following subjects:

- (a) Translation into English from Greek and Latin writers.
- (b) Ancient History:
  - Greek history to 146 B.C.
  - Roman history to A.D. 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

The series of lectures begins every year, and is completed in three years. It is divided into three courses, with an examination at the end of each course. No student proceeding to a degree may, without special permission, take course II before passing in course I, or course III before passing in course II.

A number of books other than those listed below must be available to students. A list of these and a note of the conditions under which they may be borrowed



from the Barr Smith Library by students living at a distance, are available on application to the librarian.

Subjects of examination:

#### 16. English Language and Literature I.

A. An outline of English literature in the age of Shakespeare, with special study in the following books:

- Silver poets of the sixteenth century* (Everyman).
- Spenser, *Poems* (Oxford Standard Authors).
- English prose, Wycliffe to Clarendon* (World's Classics).
- Grierson, *Metaphysical lyrics from Donne to Butler* (O.U.P.).
- Lyly, *Campaspe*.
- Marlowe, *Tamburlaine; Doctor Faustus*.
- Greene, *Friar Bacon and Friar Bungay*.
- Shakespeare, *A midsummer night's dream; Henry IV, Part I; As you like it; The winter's tale; Othello*.
- Jonson, *Volpone; The Alchemist*.
- Webster, *The Duchess of Malfi*.

B. Australian Literature: A course of ten lectures will be given, which will be divided between a survey of Australian poetry, 1788 to the present day, and the following works of fiction:

Clarke, Marcus, *For the term of his natural life*. Any suitable edition. Students should be aware that two versions of this work are current, one as originally published and one as revised by the author. Both will be discussed.

The short stories and sketches of Henry Lawson. These will be found conveniently assembled in *Prose Works of Henry Lawson* (Angus and Robertson Ltd., 1948).

Furphy, Joseph, *Such is life* (any suitable edition).

Richardson, H. H., *The fortunes of Richard Mahony* (any suitable edition).

At least one of these works of fiction must be selected for special study.

To support the poetical survey students should possess a general anthology of Australian verse. The Australian section of the *Oxford Book of Australian and New Zealand Verse*, ed. Walter Murdoch and Alan Mulgan is recommended.

C. Practical criticism, with a further study of A and B in tutorial classes.

#### 17. English Language and Literature II.

A. An outline of English literature from Milton to Johnson, with special study in the following books:

- Milton, *Poetical works* (Oxford Standard Authors).
- Dryden, *Poems* (Oxford Standard Authors).
- Dryden, *Essay of dramatic poesy* (ed. Arnold, O.U.P.).
- Dryden, *All for love*.
- Congreve, *The way of the world*.
- Swift, *Gulliver's travels, The battle of the books, and A tale of a tub* (Oxford Standard Authors).
- Pope, *Poems, epistles and satires* (Everyman).
- Johnson, *Poetry and prose* (O.U.P.).
- Fielding, *Tom Jones*.
- Sterne, *Tristram Shandy*.

B. A special subject: Chaucer.

Chaucer, *Works* (Oxford Standard Authors).

C. Practical Criticism, with a further study of A and B in tutorial classes.

#### 18. English Language and Literature III.

A. An outline of English literature from Wordsworth to Eliot, with special study in the following books:

- Wordsworth, *Poetical works* (Oxford Standard Authors).
- Shelley, *Poems* (Oxford Standard Authors).
- Keats, *Poems* (Oxford Standard Authors).
- Browning, *Poems, vol. ii* (Everyman).
- Tennyson, *Poems* (Oxford Standard Authors).

Eliot, *Poems* (Any edition that includes *The Waste Land*).  
 Arnold, *Culture and anarchy*.  
 Arnold, *Essays in criticism, second series* (Macmillan).  
 Austen, *Sense and sensibility*.  
 Emily Bronte, *Wuthering heights*.  
 Trollope, *Barchester Towers*.

B. A special subject: Shakespearean Tragedy.

C. Practical Criticism, with a further study of A and B in tutorial classes.

## 20. English Language and Literature for the Honours Degree of B.A.

Candidates adopting *Scheme A* will take the following nine papers; 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.

Candidates will be required to attend classes and show satisfactory progress in Old and Middle English I and Old and Middle English II before presenting themselves for examination in either of the subjects numbered (i) and (ii) above.

The John Howard Clark Prize is awarded on the results of the final Honours examination in English Language and Literature. For particulars of the prize, see Statutes, Chapter XIV.

## 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 with 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 1952:

### 26. French I.

- (a) Free composition in French and translation from English into French.

Prescribed books:

Whitmarsh and Jukes, *Advanced French Course* (Longmans).

Ritchie, R. L. G., *French grammar* (Nelson).

For reference:

*Grammaire Larousse du XX<sup>e</sup> 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<sup>e</sup> 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.

Racine, *Athalie* (ed. Roach, Harrap).

Molière, *L'Avare* (Manchester U.P.).

Maupassant, *Quinze contes* (ed. Green; Cambridge).

Pagnol, *Topaze* (Harrap).

Simenon, G., *La pipe de Maigret* (Presses de la Cité, Paris).

- (c) Orals.

Prescribed book:

Crampton, H., *Gaudissart* (O.U.P.).

- (d) Literature: Representative works.

Prescribed books: As for (b), together with Denoeu, *Petit Miroir de la civilisation française*, pp. 149-224.

For reference:

Bédier, J., and Hazard, P., *Histoire illustrée de la littérature française* (Larousse).

Lanson, G., *Histoire illustrée de la littérature française* (Hachette).

- (e) Elementary Geography of France and History of French Civilisation.

Prescribed book:

Denoeu, *Petit Miroir de la civilisation française* (Heath).

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, L. E., and Marks, J., *A New Course of French Composition, Book III* (Dent).  
 Ritchie, R. L. G., *French grammar* (Nelson).

For reference: As for French I.

- (b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Madame de Sévigné, *Selected letters* (ed. A. T. Baker, Manchester University Press).  
 Molière, *L'École des Femmes* (ed. T. Marks, Manchester University Press).  
 Racine, *Bérénice* (ed. Maguinness; Manchester).  
 Saint-Simon, *Selections* (ed. Tilley; Cambridge).  
 Montesquieu, *Lettres Persanes* (Edition Lutetia, Nelson).  
 Beaumarchais, *Le barbier de Séville* (ed. Spiers, Harrap).  
 Jean-Jacques Rousseau, *Rêveries d'un promeneur solitaire* (ed. R. Niklaus, M.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:

Braunschvig, M., *Notre littérature étudiée dans les textes* (Harrap), vol. 1, from ch. xiii. to the end; vol. 2, ch. xxxvi.

For reference: Works recommended in lectures.

**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:

Berthon, *Nine French Poets* (Macmillan).  
 Constant, *Adolphe* (ed. G. Rudler, M.U.P.).  
 Balzac, *Eugénie Grandet* (Nelson).  
 Sainte-Beuve, *Selections* (ed. Tilley; Cambridge).  
 Vigny, *Poèmes Choisis* (ed. E. Allison Peers, M.U.P.).  
 Duhamel, *La Nuit d'Orage* (B. H. Blackwell, Oxford).  
 Giraudoux, *La Guerre de Troie n'aura pas lieu* (B. H. Blackwell, Oxford).  
 Anouilh, *Antigone* (Paris, La Table ronde).

- (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:

Braunschvig, M., *Notre littérature étudiée dans les textes* (Harrap), vol. 2, chs. xxxvii.-xliv.  
 Braunschvig, M., *La littérature française contemporaine* (Harrap), chs. i-iv.

For reference: Works recommended in lectures.

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<sup>e</sup> 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*.  
 Fénelon, *Télémaque*.  
 Boileau, *Satires II, III, VI, IX, X; Epîtres VI, VII, X; L'Art poétique*.  
 Saint-Simon, *Selections*, ed. Tilley (Cambridge).  
 Régnard, *Le Légataire universel*.  
 Le Sage, *Turcaret; Gil Blas* (ed. Cohn and 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*.  
 Mauriac, *Asmodée*; OR *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*).  
 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, *Génitrice*; 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.

Prescribed book:

Dauzat, *Les étapes de la langue française* (Presses universitaires de France).

- (b) Outline of the history of French literature up to 1600.

Prescribed book:

Braunschvig, *Notre littérature étudiée dans les textes* (Harrap), vol. I, chs. I-IX, XI, XII.

- (c) Translation of prescribed texts into English with simple linguistic commentary in English.

Prescribed books:

Chevallier et Audiat, *Les Textes français; moyen-âge* (Hachette).

Plattard, *Anthologie du seizième siècle français* (Nelson).

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 the theatre.

- (c) Translation of prescribed texts, with advanced linguistic commentary.

Prescribed books:

*Le Mystère d'Adam* (ed. Studer, Manchester).

Jean Bodel, *Le Jeu de Saint Nicolas* (ed. Warne and Blackwell).

Adam le Bossu, *Le Jeu de Robin et Marion* (ed. Langlois, Champion).

*Maistre Pierre Pathelin* (ed. Holbrook, Champion).

Louis des Masures, *Tragédies saintes* (ed. Comte, Droz).

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.

#### 36. German I.

- (a) Phonetics: Viëtor, W., *German pronunciation* (Reisland).
- (b) Translation from English into German.  
Exercises: Wanstall, H. J. B., *Advanced tests in German composition* (Harrap).
- (c) Translation from German into English.
- (d) Grammar.
- (e) Outline of the general history of the German people: class lectures are given.
- (f) 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*.
- (g) Books set for reading:  
Goethe, *Urfaust* (Cheshires, Melbourne or other ed.)  
Lenz, *Die Soldaten* (C.U.P.).  
Keller, *Kleider Machen Leute* (Heath or other ed.).  
Riehl, *Das Spielmannskind* (Harrap).  
Holz und Schlaf, *Die Familie Selicke* (C.U.P.).
- (h) Candidates must satisfy a reading and conversation test.

#### 37. German II.

- (a) Phonetics: Viëtor, W., *German pronunciation* (Reisland).
- (b) Translation from English into German.  
Exercises: Wanstall, *Advanced tests in German composition* (Harrap).
- (c) Translation from German into English.
- (d) Grammar.
- (e) History of German literature since 1830: class lectures are given.  
Text-books:  
Fiedler, *Oxford book of German verse*.  
Fiedler, *Oxford book of German prose*.  
Recommended for reading:  
Clauss, W., *Deutsche literature*, or  
Robertson, J. G., *History of German literature*.
- (f) Books set for reading:  
Freytag, *Die Journalisten* (any edition).  
Hebbel, *Maria Magdalena* (Heath or other ed.).  
Storm, *Der Schimmelbreiter* (Insel or other ed.).  
Hauptmann, *Hanneles Himmelfahrt* (Insel).  
Holz and Schlaf, *Die Familie Selicke* (C.U.P.).  
T. Mann, *Selections*, ed. Walker (Macmillan).



- (g) Candidates must satisfy a reading and conversation test. In the final examination in German II, candidates are required to answer in German all questions, except the translation from German into English.

### 38. German III.

- (a) Translation from English into German and German essay.  
 (b) Translation from German into English and stylistic appreciation.  
 (c) History of German literature since 1830. Class lectures are given. Text-books and books set for reading: as for German II.  
 (d) History of the German language. Class lectures are given.

## 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 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 external 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 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., *Outline of history* (Cassell).

Hearnshaw, F. J. C. (ed.), *Social and political ideas of some great thinkers of the Renaissance and Reformation* (Harrap).

Pollard, A. F., *Factors in modern history* (Constable).

*Cambridge modern history*, Vols. V and VI (C.U.P.).

Eversley, G. J. S. L., and Chirol, V., *The British Empire 1228-1924* (Unwin).

Bain, R. N., *Slavonic Europe: Poland, Russia 1447-1796* (C.U.P.).

Phillips, W. A., *Poland* (Williams and Norgate).

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).

Sargent, A. J., *Economic policy of Colbert* (Longmans).

Tawney, R. H., *Religion and the rise of capitalism* (Penguin).

### 42. History IB.

#### World History

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.).  
 Wells, H. G., *Outline of history* (Cassell).  
 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).

## 43. History IC.

## British Constitutional History

This course will outline the main constitutional developments 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. The 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).

## Other useful books are:

- Bindoff, S. T., *Tudor England* (Pelican).  
 Innes, A. P., *England under the Tudors* (Methuen).  
 Davies, G., *The early Stuarts 1603-60* (Oxford).  
 Clark, G. N., *the later Stuarts 1660-1714* (Oxford).  
 Tanner, J. R., *English constitutional conflicts of the 17th Century* (C.U.P.).  
 Stephenson, C., and Marcham, E. G., *Sources of English constitutional history* (Harrap).  
 Woodhouse, A. S. P. (ed.), *Puritanism and liberty* (Dent).  
 Gooch, G. P., and Laski, H. J., *English democratic ideas in 17th Century* (Cambridge).  
 Allen, J. W., *English political thought 1603-60* (Methuen).  
 James, M., *Social problems and policy during the puritan revolution* (Routledge).  
 Tawney, R. H., *Religion and the rise of capitalism* (Pelican).  
 Schenk, W., *The concern for social justice in the puritan revolution* (Longmans).  
 Petegorsky, D. W., *Left-Wing democracy in the English civil war* (Gollancz).  
 Pollard, A. F., *Evolution of parliament* (Longmans).  
 Trevelyan, G. M., *The peace and the protestant succession* (Longmans).  
 Williams, B., *The Whig supremacy* (Oxford).  
 Namier, L. B., *The structure of politics at the accession of George III* (Macmillan).  
 Woodward, E. L., *Age of reform* (Oxford).  
 Ensor, R. C. K., *England 1870-1914* (Oxford).  
 Emden, C. S., *The people and the constitution* (Oxford).  
 Smellie, K. B., *A hundred years of English government* (Duckworth).  
 Jennings, W. I., *Cabinet government* (C.U.P.).

## 44. History IIA.

## Europe since 1815

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., *Age of reason* (Harrap).  
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).

## 45. History IIB.

## Economic History

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).  
 Faulkner, H. V., *American economic history* (Harper).  
 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).

#### 46. History III.

##### The Pacific

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) Australia's interests in the Far East and the Pacific Islands.

Preparatory Reading:

- Gilmour, R. J., and Warner, D. (Ed.), *Near North* (Angus and Robertson).  
 Crawford, R. M., *Ourselves and the Pacific* (M.U.P.).

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).  
 Vinacke, H. M., *The history of the Far East in modern times* (Crofts).  
 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).

#### 47. Political Science

##### The Modern Democratic State

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* (Melbourne 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 constitution* (Sidgwick and Jackson).  
 Stewart, M., *The British approach to politics* (Allen and Unwin).  
 Jennings, W. I., *The British constitution* (Cambridge).  
 Friedrich, C. J., *Constitutional government and democracy* (Ginn).  
 Finer, H., *Theory and practice of modern government* (Methuen).  
 Brogan, D. W., *The American political system* (Hamish Hamilton).  
 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* (Melbourne Univ.).  
 Brady, A., *Democracy in the Dominions* (Univ. Toronto Press).  
 Michels, R., *Political parties* (The Free Press).  
 Hocking, W. E., *Freedom of the press* (Univ. Chicago).  
 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

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:

- Jennings, W. I., *The British commonwealth of nations* (Hutchinson).  
 Wight, M., *Power politics* (R.I.I.A.).  
 Carr, E. H., *Nationalism and after* (Macmillan).  
 Friedmann, W., *Introduction to world politics* (Macmillan).

Other useful books are:

- Cambridge history of the British Empire* (C.U.P.).  
 Keith, A. B., *Speeches and documents on the British dominions* (O.U.P.).  
 Lucas, C. P., *Durham's report on British North Africa* (O.U.P.).  
 Newton, A. P., *The unification of South Africa* (Vol. II for the Selbourne Memorandum) (Longmans).  
 Dawson, R. McG., *Development of Dominion states 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 1904-1914* (Allen and Unwin).  
 Gathorne-Hardy, G. M., *Short history of international affairs 1919-38* (Oxford).  
 Zimmern, A. E., *The League of Nations and the rule of law* (Macmillan).  
 Cobban, A., *National self-determination* (O.U.P.).  
 Carr, E. H., *The conditions of peace* (Macmillan).  
 Namier, L. B., *Diplomatic prelude* (Macmillan).  
 Friedmann, W., *The crisis of the national state* (Macmillan).  
 Hasluck, P., *Workshop of security* (Cheshire).  
 Ball, W. M., *Japan—enemy or ally?* (Cassell).  
 Dean, V. M., *U.S. and Russia* (Harvard).  
 Schlesinger, R., *The spirit of post-war Russia* (Doleson).  
 Deutscher, I., *Stalin* (O.U.P.).  
 Moore, B., *Soviet politics—the dilemma of power* (Harvard).  
 Carr, E. H., *The Bolshevik revolution* (Macmillan).  
 Carr, E. H., *The Soviet impact on the western world* (Macmillan).  
 Beloff, M., *Foreign policy of Soviet Russia* (Oxford).  
 Schuman, F. L., *Soviet politics at home and abroad* (Knopf).  
 Lippmann, W., *The cold war* (Hamish Hamilton).  
 Borkenau, F., *Socialism—national or international?* (Routledge).

#### 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 or IC, History IIA or IIB, 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 students 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:

	1952	1953	1954
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 1952 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.

##### 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.).  
 \*Stigler, G. J., *The theory of price* (Macmillan).

##### Reference:

- Meade, J. E., *Economic analysis and policy* (O.U.P.).  
 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*.

#### 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.

\* These books will be useful as reference books in Economics II and III.

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.

## 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).  
 Rural Reconstruction Commission, *Reports 1-10*.  
 Wadham, S. M., and Wood, G. L., *Land utilisation in Australia* (M.U.P.—revised edition).  
*Annual reports of the State woods and forests departments* (State Government Printers).  
*British Empire forestry conference, 1947* (Commonwealth Government Printer).  
*Publications of the food and agricultural organisation of the United Nations*.

## 52. Economics II.

This course will be given in 1952 as day lectures. Its scope is as follows:

1. Money, banking and finance.
2. Industrial organisation; the growth and control of industry.

## Textbooks:

- Tew, B., *Wealth and income* (M.U.P.).  
 Sayers, R. S., *Modern banking* (O.U.P.).  
 Robinson, E. A. G., *Monopoly* (C.U.P.).  
 Burns, A. R., *The decline of competition* (McGraw Hill).  
 Andrews, P. W. S., *Manufacturing business* (Macmillan).  
 Robinson, E. A. G., *The structure of competitive industry* (O.U.P.).

## Reference Books:

- Sayers, R. S., *The American banking system* (O.U.P.).  
 Giblin, L. F., *The growth of the central bank* (M.U.P.).  
 Plumptre, A. F. W., *Central banking in the British Dominions* (Univ. of Toronto Press).  
 Balogh, T., *Studies in financial organisation* (C.U.P.).  
 Keynes, J. M., *General theory of employment, interest and money* (Macmillan).  
 Steindl, J., *Small and big business* (Blackwell).  
 Andrews, P. W. S., and Wilson, T., *Oxford studies in the price mechanism* (O.U.P.).  
*Monographs of the temporary national economic committee of U.S.A.*  
 National Bureau of Economic Research, *Cost behaviour and price policy*.

## 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 of Economics II (52).

In 1952, students should attend one lecture (day) in Economics II and one lecture (evening), in Economics I.

## Textbooks:

- Robinson, E. A. G., *Monopoly* (C.U.P.).  
 Burns, A. R., *The decline of competition* (McGraw Hill).  
 Andrews, P. W. S., *Manufacturing business* (Macmillan).  
 Robinson, E. A. G., *The structure of competitive industry* (C.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.).  
 Downing, R. I., *National income and social accounts* (M.U.P.).

## Reference Books:

- 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).  
 Stendl, J., *Small and big business* (Blackwell).  
*Monographs of the temporary national economic committee of U.S.A.*  
 Andrews, P. W. S., and Wilson, T., *Oxford studies in the price mechanism* (O.U.P.).  
 National Bureau of Economic Research, *Cost behaviour and price policy*.

## 53. Economics III.

This course will be given in 1952 as evening lectures. Its scope is as follows:

1. Welfare Economics.
2. Public Finance.
3. International Economics.
4. Economic Fluctuations.
5. Economic Progress.

Exemption for lectures in Economics III is not usually granted.

## Textbooks:

- Meade, J. E., *An introduction to economic analysis and policy* (O.U.P.).  
 Little, I. M. D., *A critique of welfare economics* (O.U.P.).  
 Hicks, U. K., *Public finance* (C.U.P.).  
 Hansen, A. H., *Fiscal policy and business cycles* (McGraw Hill).  
 Oxford University Institute of Statistics, *The economics of full employment* (Basil Blackwell).  
 International Labour Office, *Public investment and full employment*.  
 United Nations, *National and international measures for full employment*.  
 Harrod, R. F., *International economics* (C.U.P.).  
 League of Nations, *International currency experience*.  
 Tinbergen, J., and Polak, J. J., *Dynamics of business cycles* (Routledge and Kegan Paul).  
 Commonwealth Bureau of Census and Statistics, *Australian balance of payments, 1928-29 to 1948-49*.

## Reference Books:

- Fisher, A. G. B., *Economic progress and social security* (Macmillan).  
 Schumpeter, J. A., *Capitalism, socialism and democracy* (Allen and Unwin).  
 Arndt, H. W., *Economic lessons of the 1930's* (O.U.P.).  
 Metzler, L., and Others, *Income, employment and public policy (essays in honour of Alvin Hansen)* (Norton).  
 Hicks, J. R., *The problem of budgetary reform* (O.U.P.).  
 Hart, A. G., *Money, debt and economic activity*.  
 Greenwood, O., *The future of federalism in Australia* (M.U.P.).  
 Lerner, A. P., *Economics of control*.  
 Wilson, T., *Fluctuations in income and employment* (Pitman).  
 Von Haberler, G., *Prosperity and depression* (latest edition) (League of Nations).  
*Readings in business cycle theory* (Allen and Unwin).  
*Readings in the theory of international trade* (Allen and Unwin).  
 Harris, S. E. (ed.), *The new economics* (Dobson).  
 Allen, E. D., and Brownlee, D. H., *Economics of public finance* (Prentice Hall).  
 Lerner, A. P., *Economics of employment* (McGraw Hill).



#### 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 1952 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, labour and wages, socialisation of industry, distribution of income and wealth, social security and welfare services.

##### Textbooks:

Tew, M., *Work and welfare in Australia* (M.U.P.).

Pigou, A. C., *Income* (Macmillan).

Copland, D. B., *Road to high employment* (Angus and Robertson).

Commonwealth Bureau of Census and Statistics, *Official year book of the Commonwealth of Australia, labour report* (latest issues).

United Nations, *National and international measures for full employment*.

Reference books will be prescribed by the lecturers.

#### 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.

The following list indicates the scope of the courses and additional references to books and journals will be prescribed by the lecturers.

##### INTERIM HONOURS:

##### 1. *Theory of Value.*

Marshall, A., *Principles of economics* (Macmillan).

Stigler, G. J., *The theory of price* (Macmillan).

Boulding, K. E., *Economic analysis* (Harper).

Robinson, Joan, *The economics of imperfect competition* (Macmillan).

Chamberlin, E. H., *The theory of monopolistic competition* (Harvard Univ. Press).

Triffin, R., *Monopolistic competition and general equilibrium theory* (Harvard Univ. Press).

Hicks, J. R., *Value and capital* (O.U.P.).

Fraser, L., *Economic thought and language* (Adams and Black).

##### 2. *The General Theory of Employment.*

Keynes, J. M., *The general theory of employment, interest and money* (Macmillan).

Harris, S. E. (ed.), *The new economics* (Dobson).

Dillard, D., *The economics of J. M. Keynes* (Crosby Lockwood).

Klein, L. R., *The Keynesian revolution* (Macmillan).

Harrod, R. F., *The life of J. M. Keynes* (Macmillan).

Pigou, A. C., *Keynes' general theory* (Macmillan).

##### FINAL HONOURS:

##### 1. *Capital and Interest.*

Wilson, T., *Fluctuations in income and employment* (Pitman).

Robertson, D., *Essays in monetary theory* (Staples).

Klein, L., *Keynesian economics* (Macmillan).

Fisher, I., *The theory of interest* (Macmillan).

Hayek, F., *Theory of capital* (Macmillan).

##### 2. *Wages.*

Hicks, J., *Theory of wages* (Macmillan).

Kalecki, M., *Essays in economic fluctuations* (Allen and Unwin).

Dunlop, J. T., *Wage determination and trade unions* (Macmillan).

Tsiang, S., *The variations of real wages and profit margins in relation to the trade cycle* (Pitman).

3. *Methodology.*

- Robbins, L., *An essay on the nature and significance of economic science* (Macmillan).  
 Schumpeter, J., *Theory of economic development* (Harvard Economic Studies).  
 Fraser, L., *Economic thought and language* (Adams and Black).  
 Knight, F., *Ethics of competition* (Allen and Unwin).  
 Hutchison, T., *The significance and basic postulates of economic theory* (Macmillan).

4. *Welfare Economics.*

- Little, I. M. D., *A critique of welfare economics* (O.U.P.).  
 Reder, N. W., *Studies in the theory of welfare economics* (Columbia Univ. Press).  
 Pigou, A. C., *The economics of welfare* (Macmillan).  
 Lerner, A. P., *The economics of control*.  
 Samuelson, P. A., *Foundations of economic analysis* (Harvard Univ. Press).

5. *Economic Growth and Fluctuations.*

- Wilson, T., *Fluctuations in income and employment* (Pitman).  
 von Haberler, G., *Prosperity and depression* (League of Nations).  
 Beveridge, Sir W., *Full employment in a free society* (Allen and Unwin).  
*Readings in business cycle theory* (Allen and Unwin).  
 Harrod, R. F., *Towards a dynamic economics* (Macmillan).  
 Keirstead, B. S., *The theory of economic change* (Macmillan).  
 Hicks, J. R., *A contribution to the theory of the trade cycle* (O.U.P.).  
 Fellner, W., *Monetary theory and full employment*.

6. *International Economics.*

- League of Nations, *International currency experience*.  
*Readings in the theory of international trade* (Allen and Unwin).  
 von Haberler, G., *The pure theory of international trade*.  
 Arndt, H. W., *The economic lessons of the 1930's*.

7. *Current Economic Problems.*

- The Economist* (weekly).  
*Economic record* (half-yearly).  
*Economic journal* (quarterly).  
*Federal reserve bulletin* (monthly).  
*Lloyds bank review* (monthly).  
*Westminster bank review* (quarterly).  
*National Bank—monthly summary of Australian conditions*.  
*The Australian financial review* (weekly).

**56. Economic Statistics I.**

Pre-requisite subject: Economics I or Social Economics, unless the Professor of Economics otherwise determines.

Scope of course: Methods of representation of data; collection, compilation and tabulation; approximation; analysis of frequency distributions; sampling and standard error; analysis of time series; linear correlation; index numbers; population structure, trends and measurement; the national income; wage assessment; Australian economic statistics. The theory will be covered parallel with a discussion of the available Australian statistics, and the methods of compilation used.

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.

Preliminary reading:

Mauldon, F. R. E., *The use and abuse of statistics* (Univ. of W.A.).

Text-books:

Allen, R. G. D., *Statistics for economists* (Hutchinson).  
 Tippett, L. H. C., *Statistics* (O.U.P.).

Reference books:

Commonwealth of Australia, *National income and expenditure, 1950-51* (Government Printer, Canberra).  
 Copland, D. B., *The Australian economy* (1945 ed.) (Angus and Robertson).

- Clark, C., and Crawford, J. G., *The national income of Australia* (Angus and Robertson).  
 Croxton, F. E., and Cowden, D. J., *Applied general statistics* (Prentice-Hall).  
 Mills, F. C., *Statistical methods* (Pitman).  
 Commonwealth Bureau of Census and Statistics, Official publications.  
 South Australia, *Statistical register, quarterly summaries of statistics*.

### 57. Economic Statistics II.

Candidates must have passed in Pure Mathematics IA 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.

#### *Syllabus.*

An introduction to statistical theory and practice. The application of statistical techniques to economic problems with special reference to sample surveys, time series, demography, index numbers, national income and actuarial mathematics.

#### Reference books:

- Croxton, F. E., and Cowden, D. J., *Applied general statistics* (Prentice Hall).  
 Davies, O. L., *Statistical methods in research and production* (Oliver and Boyd).  
 Tippett, L. H. C., *The methods of statistics* (3rd ed.) (Williams and Norgate).  
 Hoel, P. G., *Introduction to mathematical statistics* (Wiley).  
 Weatherburn, C. E., *A first course in mathematical statistics* (C.U.P.).  
 Yates, F., *Sampling methods for censuses and surveys* (Charles Griffin).  
 Kuczynski, R. R., *The measurement of population growth* (Sidgwick and Jackson).  
 Dublin, L. I., Lotka, A. J., and Spiegelman, M., *Length of life* (Ronald Press).  
 United Nations, *Measurement of national income and construction of social accounts*.  
 Commonwealth of Australia, *Australian life tables 1946-1948* (Government Printer, Canberra).  
 Commonwealth of Australia, *National income and expenditure* (latest issue) (Government Printer, Canberra).  
 Mackenzie, M. A., *Interest and bond values* (Univ. of Toronto Press).  
 Davis, H. T., *The analysis of economic time series* (Principia Press).  
 Ulmer, M. J., *The economic theory of cost of living, index numbers* (Columbia Univ. Press).

The course will be given in 1952 if there are sufficient enrolments. Intending candidates should communicate with the Professor well in advance of the beginning of the first term.

### 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 those Arts and 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 Arts or Bachelor of Economics.

## 58. Geography I.

**HUMAN GEOGRAPHY:** The origin of man and his differentiation into races; an outline of the principal culture stages in human development, and some study of primitive cultures as shown by living groups.

**PHYSICAL GEOGRAPHY:** The principles of geomorphology; materials of the earth's crust, earth movements, the cycle of erosion; rock weathering, soil genesis, and the world distribution of the main soil types.

The principles of meteorology; insolation, temperature, pressure and winds, precipitation and evaporation.

**CLIMATIC REGIONS:** The division of the world into climatic regions according to the Köppen classification; some major lines of economic development of these regions, and the relation between land use and culture of the inhabitants.

**PRACTICAL WORK:** A full-day field excursion to be held on a Saturday, from which a geographic study of the area is to be prepared; collection and interpretation of weather charts; interpretation of maps; preparation of selected graphs and diagrams.

Text-book:

Finch and Trewartha, *Elements of geography, physical and cultural*.

Reference books:

James, P. E., and Kline, H. V. B., *Geography of man* (Ginn).

Hills, E. S., *Physiography of Victoria* (Whitcombe and Tombs).

Kellogg, C. E., *The soils that support us* (Macmillan).

Wells, H. G., *Outlines of history* (Cassels).

Forde, C. D., *Habitat, economy and society* (Methuen).

Bowman, I., *Pioneer fringe* (American Geographical Society).

Fenner, C. A. E., *South Australia: a geographical study* (Whitcombe and Tombs).

Bygott, J., *Mapwork and practical geography* (University Tutorial Press).

## 59. Geography II.

**A. PHYSICAL GEOGRAPHY:** Further study of physical climatology, and an introduction to statistical methods used with climatic data. 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.

Textbook:

Haurwitz and Austin, *Climatology* (McGraw Hill).

Reference books:

**A** Conrad, V., *Methods in climatology* (Harvard University Press).

Brooks, C. E. P., *Climate in everyday life* (Benn).

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.).

Newbiggin, M., *Plant geography*.

**B** (1952 Europe)

Gottman, J., *Europe* (Holt and Co., New York).

Shakelton, M. R., *Europe* (Longmans, Green and Co.).

Stamp, L. D., and Beaver, S. H., *British Isles* (Longmans, Green and Co.).

- C Debenham, F., *Map making* (Blackie and Sons).  
 Steers, J. A., *An introduction to the study of map projections* (Bickley, Kent, University 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:

- Wergert, 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.).  
 Beaglehole, J. C., *The exploration of the Pacific* (A. and C. Black).  
 Eldridge, E. B., *Background of eastern seapower* (Georgian House).  
 Cressey, G. B., *Asia's lands and peoples* (McGraw Hill).  
 East, W. G., and Spate, O. H. K., *The changing map of Asia* (Methuen).  
 Gregory and Shave, *The U.S.S.R.* (Harrap).  
 Smith, J. Russell, and Phillips, H. O., *North America* (Harcourt Brace).  
 James, P. E., *Latin America* (Odyssey Press).  
 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).  
 McDonald, P. H., *Trusteeship in the Pacific* (Angas and Robertson).

### 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 Universities Press, London).
- b. Prescribed text-books:  
Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (selected chapters) (Melbourne University 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 Government Printer).  
Bartholomew, *The comparative atlas* (Meiklejohn).

## 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 1952 and 1953 and 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:

- Stebbing, L. S., *A modern introduction to logic* (Methuen).  
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:

- Aristotle, *Nicomachean ethics* (Everyman).  
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:

- Freeman, K., *Ancilla to the pre-Socratic philosophers* (Blackwell).  
 Freeman, K., *Companion to the pre-Socratic philosophers* (Blackwell).  
 Plato, *Theaetetus* (translated by M. J. Levett—Jackson and Co.).  
 Frege, *Foundations of arithmetic* (translated by J. L. Austin—Blackwell).  
 Wittgenstein, *Tractatus logico-philosophicus* (Routledge and Kegan Paul).  
 Schilpp, P. A. (ed.), *The philosophy of G. E. Moore* (Northwestern Univ.).  
 Flew, A. G. N. (ed.), *Logic and language* (Blackwell).  
 Ryle, G., *The concept of mind* (Hutchinson).

**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.).  
 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:

- Ross, Sir W. D., *Foundations of ethics* (O.U.P.).  
 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 two Psychology courses, Elementary Psychology and General Psychology. A single course of lectures common to both courses is given every year and completed in one year. Students taking General Psychology will attend a course of tutorials and laboratory practical work in addition to the lectures, and will have a separate examination in which a higher standard will be required than for Elementary Psychology. External students and students in their first

year will not be admitted to the General Psychology course. [Students who have passed in the previously existing Psychology course, or who have passed in Elementary Psychology, can take General Psychology as a second year subject, but will not be able to count both courses for the purposes of the degree.]

The course of lectures will deal with three main topics: (a) the theory of motivation in the light of a study of reflex action and instinctive behaviour, (b) the theory of learning, with special reference to the problem of acquired motivation, (c) the theory of the higher mental processes.

### 69. Elementary Psychology

Textbook:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).

Students will be expected to show an acquaintance with the main facts of the anatomy and physiology of the nervous system as outlined in the relevant chapters of an elementary textbook of physiology, e.g.:

Best, C. G., and Taylor, N. B., *Living body* (Chapman and Hall).

A less specialised course of reading along the lines prescribed for General Psychology (70) should also be attempted. Such a course of reading might include:

Russell, E. S., *Behaviour of animals* (Arnold).

McDougall, W., *Outline of psychology* (Methuen).

Dollard, J., and Miller, N. E., *Personality and psychotherapy* (McGraw Hill).

Katz, D., *Gestalt psychology* (Methuen).

Freud, S., *Psychopathology of everyday life* (Benn).

### 70. General Psychology

Preparatory reading to be completed before starting the course:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).

Woodworth, R. S., *Contemporary schools of psychology* (Methuen).

Hull, C. L., *Hypnosis and suggestibility* (Appleton-Century).

Students taking General Psychology should also make themselves acquainted with the main facts of the anatomy and physiology of the nervous system before starting the course by reading the relevant chapters of an elementary textbook of physiology, e.g.,

Best, C. H., and Taylor, N. B., *Living body* (Chapman and Hall).

Reference books:

Woodworth, R. S., *Experimental psychology* (Holt).

Murchison, C., ed. *Handbook of general experimental psychology* (Clark U.P.).

Morgan, C. T., and Stellar, E., *Physiological psychology* (McGraw Hill).

Young, P. T., *Motivation of behaviour* (Wiley).

Hilgard, E. R., and Marquis, D. G., *Conditioning and learning* (Appleton-Century).

Dalbiez, R., *Psycho-analytic method and the doctrine of Freud* (Longmans).

Reading prescribed in connection with the lecture course:

Sherrington, C. S., *Integrative action of the nervous system* (C.U.P.).

Tinbergen, N., *Study of instinct* (O.U.P.).

Hull, C. L., *Principles of behaviour* (Appleton-Century).

Koffka, K., *Principles of Gestalt psychology* (Kegan Paul).

Freud, S., *Introductory lectures in psycho-analysis* (Allen and Unwin).

Additional recommended reading on the higher mental processes:

Kohler, W., *Mentality of apes* (Kegan Paul).

Bartlett, F. C., *Remembering* (C.U.P.).

Piaget, J., *Language and thought of a child* (Kegan Paul).

Wertheimer, M., *Productive thinking* (Harper).

Kardiner, A., *The individual and his society* (Columbia).

Evans-Pritchard, E. E., *Witchcraft, oracles and magic among the Azande* (O.U.P.).



**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 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 actually 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:

Monroe, P., *Brief course in the history of education* (Macmillan).

Cubberley, E. P., *History of education* (Mifflin).

Butts, R. F., *A cultural history of education* (McGraw Hill).

Eby, F., and Arrowood, C. F., *The development of modern education* (Prentice Hall).

Brubacher, *A history of the problems of education* (McGraw Hill).

Theory of Education.

Books set:

Nunn, T. P., *Education, its data and first principles* (Arnold).

Recommended for additional reading:

Bagley, W. C., *Educative process* (Macmillan).

Washburne, C. W., *Adjusting the school to the child* (World Book).

Adler, A., *Education of children* (Allen and Unwin).

Clarke, F., *Freedom in the educative society* (University of London pr.).

Cook, H. C., *Play way* (Heinemann).

Whitehead, *Aims of education* (Williams and Norgate).

## 77. Hygiene

This course consists of one lecture a week for three terms. After an introduction on objectives, definitions, and sources of information, the divisions are:

**PERSONAL HYGIENE**—Hygiene of the muscular and skeletal systems, of nutrition, of the respiratory system, of the circulatory system, of the excretory system, of the nervous system, of the ear, eye, nose and throat. Sexual hygiene, infectious diseases, ductless glands, teeth, and skin.

**DOMESTIC HYGIENE**—Infants and young children; air ventilation and sunlight; food and its preservation; beverages.

**SOCIAL AND INDUSTRIAL HYGIENE**—Buildings and their equipment; accidents, morbidity, and mortality of different occupations; physically and mentally defective children; dust, noises, gases.

**PTOBLEMS**—Enuresis, epilepsy, cancer, tuberculosis, heart disease, heredity and environment; youth employment; restatement of objective, and further reading.

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).

## 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*.  
 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 Montessori principles.

Books prescribed for reading:

- Montessori, M., *Montessori method* (Heinemann).  
 Hume, E. G., *Learning and teaching in the infants' schools* (Longmans).  
 Kenwick, E. E., *Number in the nursery and infant school* (Paul, Trench and Trubner).  
 Schonell, F. J., *Psychology and teaching of reading* (Oliver and Boyd).  
 Washburne, C., *Adjusting the school to the child* (World Book).  
 Wauchope, M. L., *Let's play with numbers* (Whitcombe and Tombs).  
 Lamoreaux and Lee, *Learning to read through experience* (Appleton-Century, 1943).  
 Isaacs, Susan, *The children we teach* (Univ. of London Press), ed. 1950.

## 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).  
 Raymond, 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).  
 Schonell, F. J., *Diagnosis of individual difficulties in arithmetic* (Oliver and Boyd).  
 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.).  
 Gates, Arthur, *The improvement of reading* (Macmillan and Co., New York,  
 1938).  
*Reading in modern education* (D. C. Heath and Co.).

### 80. Principles of Primary Education.

#### PART I.

A general survey of primary school aims, organization and methods.

Books prescribed for reading:

Elijah, J. W., and Cole, J. A., *The principles and technique of teaching* (Whitcombe and Tombs).

Education Department of Victoria, *Method of teaching arithmetic* (Government Printer, Melbourne).

*Social studies for schools* (Melbourne University Press).

Reference books:

Lancelot, W. H., *Permanent learning* (Wiley).

Glover, A. H. T., *New teaching for a new age* (Nelson).

#### 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.).

Potter, F. F., *The teaching of arithmetic* (Pitman).

Great Britain, Board of Education, *Handbook of suggestions for teachers*.

Schonell, F. J., *Diagnosis of individual difficulties in arithmetic* (Oliver and Boyd).

Social Studies: Notes supplied from Teachers' College, Adelaide.

Reference books:

Dent, *Education in transition*.

Classey, William, and Weeks, Edward J., *The educational development of children*.

Rosenthal, N. H., *Films—their use and misuse*, Part I; *The teacher's manual*, Part II (Robertson and Mullens).

Ballard, P. B., *Teaching and testing English* (U.L.P.).

Hamley, H. R., and others, *The educational guidance of the school child* (Evans Brothers, London).

Lewis, C. Day, *Poetry for you*.

Washburne, C. W., *Adjusting the school to the child* (World Book Company).

Keith and Robertson, *The principles of arithmetic* (Blackie).

Dray and Jordan, *A handbook of social studies* (Methuen).

#### 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*.

- 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, Melbourne).  
 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 an inquiry into the use of language, based on such books as Leavis, F. R., and Thompson, D., *Culture and environment* (Chatto and Windus), Jepson, R. W., *Clear thinking* (Longmans), and Gibson and Phillips, *Thinkers at work* (Longmans).

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.).  
 Bossing, N. L., *Progressive methods of teaching in secondary schools* (Harrap).  
 Barzun, J. M., *We who teach* (Gollancz).

#### 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 and aims 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 three approved subjects.

#### 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.

## MATHEMATICS

#### 84. First-year Courses.

Pure Mathematics IA (85) is the first-year course in Pure Mathematics normally taken by candidates for the degrees of B.A., B.Ec., B.Sc. and B.E. Candidates who propose to proceed to the degree of B.A. or B.Sc. with Honours in Mathematics, however, are required to take Course 86, which is also suitable for candidates who propose to proceed to Honours courses in Physics or Engineering.

#### 85. Pure Mathematics IA.

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 IIA.

Candidates who have passed with credit or at a sufficiently high standard in both papers in Mathematics at the Leaving Honours Examination will be exempted from the course and will be credited with Pure Mathematics IA as a subject in their courses for a degree when they have passed the final examination in Course 86 or in Pure Mathematics IIA. Other candidates who have passed in Mathematics at the Leaving Honours Examination may be exempted from lectures in the course in Pure Mathematics IA. 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 IA.

Students who complete the course satisfactorily may, upon written application, be granted status for Pure Mathematics IIA and will then be eligible to take the course Pure Mathematics IIIA.

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).

#### 88. Second-year Courses.

There is one second-year course in Pure Mathematics, one in Applied Mathematics, and one in Statistical Methods.

To count Mathematics as a second-year subject for the degree of Bachelor of Science, a candidate must present two of the following subjects: Pure Mathematics IIA, Applied Mathematics I, Statistical Methods.

#### 89. Pure Mathematics IIA.

Pre-requisite subject: A pass in Division I in Pure Mathematics IA.

The course comprises three lectures and one tutorial class a week, and is given annually. It is a compulsory class for Engineering students.

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.).

#### 91. Applied Mathematics I.

Pre-requisite subjects: Pure Mathematics IA (85), and either Physics I (101) or Leaving Honours Physics.

The course comprises three lectures and one tutorial class a week, and is given annually.

Subjects of examination:

Elementary dynamics, statics, and hydrostatics.

Text-books recommended:

- Fawdry, R. C., *Dynamics* (Bell).  
 Fawdry, R. C., *Statics* (Bell).

#### 92. Statistical Methods.

Pre-requisite subject: Pure Mathematics IA (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).

#### 94. Third-year Courses.

There are two third-year courses in Pure Mathematics, one in Applied Mathematics, and one in Mathematical Statistics.

These courses are not easy, and should be undertaken only by candidates who have a thorough grounding in the earlier work, as indicated, for example, by their having passed with credit in the examinations of the pre-requisite subjects.

To count Mathematics as a third-year subject for the degree of Bachelor of Science, a candidate must present any two of the following subjects: Pure Mathematics IIIA, Pure Mathematics IIIB, Applied Mathematics II, Mathematical Statistics.

#### 95. Pure Mathematics IIIA.

Pre-requisite subject: Course 86 or a pass in Division I in Pure Mathematics IIA.

The course consists of three lectures and one tutorial class a week. It is designed to meet the needs of those students who are primarily interested in the applications of mathematics to science, engineering, and statistics. Students who wish to specialise in pure mathematics may take the course, but will be required to do additional reading.

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. Pure Mathematics IIIB.

Pre-requisite subject: Pure Mathematics IIA.

The course comprises two lectures a week, and will be given in alternate years, provided that there is sufficient demand for it. It is recommended as a course suitable for teachers in high schools, and the time of lectures will be arranged to suit such teachers if a sufficient number wish to attend.

Subject of the course: Algebra.

The course will deal with the basic ideas of the following topics: Elementary theory of numbers; linear algebra and matrices; theory of finite groups; fields and polynomials over fields; algebraic numbers.

The course may be continued in the following year by students who wish to pursue algebraic studies to an honours standard.

As a preparation for the course students are recommended to read chapters I and II of *What is Mathematics?* by R. Courant and H. Robbins (O.U.P.).

Note: This course will be given in 1952 only if circumstances permit.

#### 97. Applied Mathematics II.

Pre-requisite subjects: Pure Mathematics IIA and Applied Mathematics I.

A course of lectures is given annually.

Subjects of examination:

Elementary dynamics, statics, and hydrostatics.

Text-books recommended:

Lamb, H., *Dynamics* (C.U.P.).  
Lamb, H., *Statics* (C.U.P.).

#### 98. Mathematical Statistics.

Pre-requisite subject: Pure Mathematics IIIA; 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 (1, 2, 3, 4) 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. (a) To attend (or to obtain exemption from) the lectures of the course in Pure Mathematics IA.  
 (b) To attend the lectures of the First-year Honours course in Pure Mathematics.  
 (c) To attend the lectures of the course in Applied Mathematics I.
2. (a) To attend the lectures of the course in Pure Mathematics IIIA and two hours a week in addition.  
 (b) To attend the lectures of the course in Applied Mathematics II.  
 (c) To attend the lectures of the course in Statistical Methods.
3. To attend the lectures of the course in Pure Mathematics IIIB and four hours a week in addition. Additional subjects:
  - (a) Projective Geometry and Differential Geometry.  
 Text-book recommended:  
 Veblen, O., and Young, J. W., *Projective geometry*, Vol. I (Ginn).
  - (b) Theory of Functions.  
 Text-book recommended:  
 Titchmarsh, E. C., *Theory of functions* (O.U.P.).
4. To attend courses of lectures in:
  - (a) Analysis. (Goursat, E. J. B., *Cours d'analyse, tome I* (Gauthier) and La Vallée Poussin, C. J. de, *Cours d'analyse infinitésimale* (Gauthier) will be found valuable for reference.)
  - (b) Higher Mechanics.  
 Text-book recommended:  
 Lamb, H., *Higher mechanics* (C.U.P.).
  - (c) One other subject to be determined, subject to the consent of the professor, by the candidate.

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 replace some of the above courses by equivalent courses in Mathematical Statistics.

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 text-books, which should be read concurrently with the lecture course:

Lemon, H. B., and Ferece, 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 IA (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 Ferece, M., *Analytical experimental physics* (Univ. of Chicago pr.), and Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw Hill), 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 IA (85) and Course 101.

Candidates for the ordinary degree of B.E. in Civil, Electrical, Mechanical and Mining 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 IIA (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).

#### 108. Physics for the Honours Degree of B.Sc.

Pre-requisite subjects: Pure Mathematics IIA (89) and Course 104.

Candidates must also attend or have attended lectures in Mathematics III (95 or 96), 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.

## 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 from further 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., *Text-book of inorganic chemistry for university students* (Macmillan); or  
 Philbrick, F. A., and Holmyard, E. J., *Textbook of theoretical and inorganic chemistry* (Dent).  
 Prescott, F., *Intermediate chemistry: inorganic and physical* (Univ. Tutorial Press).  
 Macbeth, A. K., *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.

As part of the lecture course students attend at the laboratories on Thursdays during the third term in lieu of one of the prescribed periods in their practical class. Experiments and demonstrations illustrating the lectures in Physical Chemistry are then performed.

Books recommended:

Caven, R. M., and Lander, G. D., *Systematic inorganic chemistry* (Blackie).

Firth, J. B., *Physical chemistry* (Univ. of London pr.).

Taylor, H. S., and Taylor, H. A., *Elementary physical chemistry* (Macmillan) (for students intending to proceed to Chemistry III).

**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 chemical analysis* (Longmans);

or

Cumming and Kay, *Text-book of quantitative chemical analysis* (Gurney and Jackson).

Reference book:

Vogel, A. L., *Text-book of qualitative inorganic 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 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 chemical analysis* (Longmans);  
or  
Cumming and Kay, *Text-book of quantitative chemical analysis* (Gurney and Jackson).

Reference book:

Vogel, A. L., *Text-book of qualitative inorganic 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 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 IA (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:

Taylor, H. S., and Taylor, H. A., *Elementary physical chemistry* (Macmillan).

For consultation:

Taylor, H. S. (ed.), *Treatise on physical chemistry* (Macmillan).  
Butler, J. A., *Chemical elements and their compounds* (Macmillan).  
Morgan, G. T., and Burstall, F. H., *Inorganic chemistry* (Heffer).

#### 117a. Physical Chemistry for Metallurgy Students. Theory.

Pre-requisite subjects: Pure Mathematics IA (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.

Book recommended:

Spencer, J. F., *Experimental course of physical chemistry*, Vols. I and II (Bell).

**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. I., *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 Pass 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.

**GEOLOGY, MINERALOGY AND PALAEOLOGY****141. Geology I.**

A charge of 10s. is made for a typewritten synopsis of the course.

LECTURES.—A course of two lectures a week throughout the academic year.

*Cosmical Geology:* the Universe and its fabric; the Earth, its origin, superficial shape, and interior structure.

*Geognosy:* the atmosphere, the hydrosphere, the lithosphere.

*Material Geology:* elementary mineralogy and petrology.

*Dynamical Geology*: the work of wind, water, ice, chemical agents, and organic life in denudation and aggradation; the movements of underground waters; seismic phenomena and vulcanism.

*Tectonic Geology*: diastrophism, rock structures, folds and faults, isostasy, orogeny.

*Physiographic Geology*: the erosion cycle and the evolution of land forms.

*Stratigraphical Geology*: the elements of stratigraphy and fossil remains; a brief outline of geological chronology, with special reference to Australian and more particularly to South Australian stratigraphy; the rise of the fauna and flora through geological time.

**LABORATORY WORK.**—This consists of two one-hour demonstrations a week. In addition, students need to reserve at least two hours further a week, at times to suit themselves, for individual practice in studying the collections in the laboratory. The work deals with the construction and interpretation of geological maps and sections; the examination and determination of hand specimens of crystals, minerals, rocks, and fossils.

**FIELD WORK.**—There will be not less than four field excursions to places of geological interest near Adelaide. These will be held on Saturdays during term. Each student is required, on entering the course, to pay at the University Office, 25s. to defray the cost of these field excursions.

**APPARATUS.**—Students need to provide themselves with a geological hammer, pocket lens, penknife, and magnet, each of approved type.

**Text-book:** The lectures are not based on any single published book, but the main section dealt with is treated in each of the following three works, and students should acquire one or other of them, namely:

*Text-book of geology*: Part I by Longwell, C. R., Knopf, A., and Flint, R. F. (3rd ed.), Part II by Dunbar, C. O. (5th ed.) (Wiley); or Holmes, Arthur, *Principles of physical geology* (Nelson); or Scott, W. B., *Introduction to geology* (3rd ed., vol. 1 only) (Macmillan).

**Books of reference:**

Trueman, A. E., *Introduction to geology* (Murby).  
 Clarke, E. deC., Prider, R. T., and Teichert, C., *Elements of geology for Western Australian students* (University of W.A.).  
 Howchin, W., *Geology of South Australia* (Government Printer, Adelaide).  
 Platt, J. I., and Challinor, J., *Simple geological structures* (Murby).  
 David, T. W. E., supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold).  
 Fletcher, G. L., *Earth science* (Heath, Boston).

#### 142. Geology II.

**LECTURES.**—This course consists of fifty-four lectures, divided into three parts as under, and given respectively in the first, second, and third terms.

*Crystallography and Mineralogy*: Molecular arrangements and crystal structures; the geometrical and optical properties of crystals; symmetry and classification; the physical and chemical characters of minerals, their classification, and a description of the more important species, with special reference to modes of origin, distribution, and economic uses.

*Petrology*: Elementary petrogenesis, including the principles that control the solidification of rocks from a molten state; mechanical transport and deposition of sediments, by the agencies of water, ice and wind; organic activities and chemical processes operative in accumulating sedimentary strata, and modifications of such depositions affected by metasomatism; metamorphism, both thermal and dynamic; the megascopic and microscopic characters of rocks; the classification of the igneous, sedimentary, and metamorphic rocks.

*Stratigraphy and Palaeontology*: Stratigraphical geology with special reference to the Commonwealth of Australia; introductory palaeontology, covering an appropriate range of index fossils.

**LABORATORY WORK.**—Fifty-four demonstrations of one hour each divided into three parts as detailed below, and given respectively in the first, second, and third terms.

**Crystallography and Mineralogy:** Crystallography; a study of minerals in the hand-specimens; blowpipe analysis and determinative mineralogy.

**Petrology:** The use of the petrological microscope; the optical properties of the chief rock-forming minerals; the textures and structures of the igneous rocks both by the use of microscope slides and hand-specimens; the study of sedimentary and metamorphic rocks in hand-specimens.

**Stratigraphy and Palaeontology:** Invertebrate palaeontology and further instruction in geological mapping.

In addition to the fifty-four hours occupied by the course of demonstrations students must reserve a further sixty hours for individual practice in the laboratory.

**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 or camps will be arranged during vacation time.

**APPARATUS.**—In addition to the apparatus required for Geology I, students need to provide themselves with the following:

- (a) A blowpipe, platinum wire, etc., as apparatus for the blowpipe course, costing in all about £1.
- (b) A petrological microscope of approved pattern. Microscopes can be hired from the department at a fee of £1 11s. 6d. a term.
- (c) Each student is provided with a set of rock slides for the microscope course, which should be returned in good order at the end of the year. A charge of three shillings and sixpence each is made in the case of any of the slides 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).  
 Tyrell, G. W., *Principles of petrology* (9th ed.) (Methuen).  
 Smith, H. G., *Minerals and the microscope* (Murby).  
 Woods, H., *Invertebrate palaeontology* (1947) (Camb. Univ. pr., 1947).

**Books of reference:**

- Hatch, F. H., *Petrology of the igneous rocks* (9th ed., rev. by Wells, A. K.) (Allen and Unwin).  
 Hills, E. S., *Outline of structural geology* (Methuen).  
 Chalmers, R. M., *Geological maps* (O.U.P.).  
 Bryan, W. H., and Jones, O. A., *Geological history of Queensland. A stratigraphical outline* (University of Queensland).  
 David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).

#### 143. Geology II, B.E. Course.

Students taking the course for the degree of B.E. in Mining or 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, covering the following range:

**Crystallography:** Brief survey of the thirty-two systems; crystal drawings and projections; crystalline structure and chemical constitution.

**Optical Mineralogy:** The construction and theory of the microscope; the transmission of light through crystals; optical indicatrix; birefringence; optic axial angle, dispersion; a survey of the rock-forming minerals; principles of X-ray classification.



**Petrology:** The fundamental principles of petrology; the classification of rocks; the more important types in a detailed survey of igneous, sedimentary, and metamorphic rocks; a discussion of some of the more intricate problems in the origin and descent of rocks; brief reference to the principles of ore-deposition and petroleum geology.

**Structural Geology.**

**Stratigraphy:** The principles of stratigraphy; the geology of Australasia in considerable detail.

**LABORATORY WORK.**—Eighty demonstrations of one hour each distributed throughout the year. Students must spend a further 250 hours in the laboratory occupied with individual work.

**Crystallography:** Simple exercises in projection and drawing of crystals.

**Optical Mineralogy:** The determination of refractive index, birefringence, optic orientation, optic sign, dispersion, optic axial angle, and absorption.

**Petrology:** Petrographic methods; micro-chemical tests; rock textures; a course of microscopical petrology covering the principal rock types, including metamorphic rocks; calculation of the Norm; quantitative determination of the mineral composition of rocks by means of the microscope; examination of detrital sediments.

**Structural Geology:** Study of aerial photographs and their use in geological mapping; use of stereographic projection for study of structural problems.

**STRATIGRAPHY.**—Plane-table, contour mapping; geological surveying.

**WORK IN THE FIELD** will comprise at least three weeks, and a piece of original field mapping must be submitted by each student.

**Text-books:**

Dana, E. S., and Ford, W. E., *Textbook of mineralogy* (Wiley) (4th ed.).

Wahlstrom, E. E., *Optical crystallography* (Wiley).

Wahlstrom, E. E., *Igneous minerals and rocks* (Wiley).

Larsen, E. S., and Berman, H., *Microscopic determination of the non-opaque minerals* (U.S.G.S.) (2nd ed.).

Holmes, A., *Petrographic methods and calculations* (Murby).

Hills, E. S., *Outlines of structural geology*.

**Books of reference:**

Winchell, A. N., *Elements of optical mineralogy*, Vols. I (4th ed.) and II (3rd ed.) (Wiley).

Rogers, A. F., and Kerr, P. F., *Optical mineralogy* (McGraw Hill) (2nd ed.).

Bragg, W. L., *Atomic structure of minerals* (Cornell Univ. pr.).

Chudoba, K., *The determination of the feldspars in thin section* (Murby).

Emmons, W. H., *Geology of petroleum* (McGraw Hill).

Hatch, F. H., Rastall, R. H., and Black, M., *The petrology of the sedimentary rocks* (Allen and Unwin) (3rd ed.).

Harker, A., *Metamorphism* (Methuen) (2nd ed.).

Johannsen, A., *Descriptive petrology of the igneous rocks* (Chicago Univ. pr.).

Milner, H. B., *Sedimentary petrography* (Murby) (3rd ed.).

Spurr, J. E., *Ore magmas* (McGraw Hill).

Twenhofel, W. H., *Principles of sedimentation*.

#### 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).

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, bio-stratigraphy, economic palaeontology, origin and composition of organic sediments and regional distribution of fossil faunas and floras.

Text-book:

- Swinnerton, H. H., *Outlines of palaeontology* (3rd ed.) (Arnold).

Books of Reference:

- Twenhofel, W. H., and Schrock, R. R., *Invertebrate palaeontology* (McGraw Hill).  
 Glaessner, M. F., *Principles of Micro-palaeontology* (M.U.P. 1945).  
 Darrah, W. C., *Textbook of Palaeobotany* (New York, 1939).  
 Twenhofel, W. H., *Principles of sedimentation* (McGraw Hill).

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, Mineralogy and Palaeontology for the Honours Degree of B.Sc.

Candidates for the Honours Degree are required to pass an examination in a wider field of studies, either in petrology and mineralogy or in palaeontology. Included also is a review of the broader geological features contributing to the structure and history of all parts of the earth's crust. Evidence is required of having spent at least thirty-five days in geological field surveying. Some approved original work must be submitted. Candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

#### 150. Economic Geology for the Honours Degree of B.Sc.

Candidates for the Honours Degree are required to pass an examination covering all fields of Economic Geology. A course of reading is set and each candidate is required to submit a complete report and survey of a field problem related to economic geology showing evidence of satisfactory original work. Laboratory studies are made of selected suites of ore and rock specimens from mining fields. Candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

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## BOTANY

*Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.*

**EXAMINATIONS.**—All examinations in Botany include *both* theoretical and practical papers. These cannot be taken separately.

There are three courses in Botany for the ordinary degree of B.Sc., each extending over one year. There is an examination at the end of each course, but at the third-year examination candidates are examined on the subject-matter of the whole syllabus.

## 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.

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 two lectures a week throughout the year. It is divided into three 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 presuppose a knowledge of Chemistry I and Physics I.

For supplementary reading:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw Hill).

B. ANATOMY AND MORPHOLOGY OF THE SPERMATOPHYTES.—An outline of the anatomy and elementary classification of the gymnosperms; and the anatomy and histology of the angiosperms.

Text-book:

Eames, A. J., and MacDaniels, L. H., *Introduction to plant anatomy* (2nd ed.) (McGraw Hill).

C. PLANT GEOGRAPHY AND PLANT ECOLOGY.—The lectures will deal with problems of plant distribution and also in more detail with the ecology of South Australia. The practical work deals with the classification of the angiosperms, and candidates are required to submit a representative herbarium of at least 60 species of South Australian plants collected and named by themselves.

Text-book:

Wood, J. G., *Vegetation of South Australia* (Government Printer, Adelaide).

PRACTICAL WORK extending over six 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 (Cawthorn).  
 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 II for Forestry Students.

Students proceeding to the degree of B.Sc. in Forestry are required to take, as their course in Botany II, the same work as science students, with the exception 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:

Bönnner, 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. EVOLUTION AND GENETICS.

Text-book:

White, M. J. D., *The chromosomes* (Methuen).

Reference-books:

Sharp, L. W., *Fundamentals of cytology* (McGraw-Hill).

Sinnott, E. W., Dunn, L. C., and Dobzhansky, Th., *Principles of genetics* (McGraw-Hill).

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.

Intending Honours students should consult the Professor of Botany as to the type of collection to be made at the beginning of their work in Botany III, i.e., a full year before entering on their Honours course.

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).

#### 159. Genetics.

Pre-requisite subjects: Biochemistry and *either* Botany II *or* Zoology II.

The course in Genetics for Science students consists of two lectures and four hours practical work a week for three terms.

During the first two terms students attend the course in Genetics for third-year agricultural science students, which deals with the elementary principles of inheritance as established by Mendel and the subsequent modifications that have been included in the gene theory; mitosis and meiosis, the physical basis of inheritance, genes and gene mutation and chromosomal changes as a basis for the discussion of genetics and cytology in relation to problems of taxonomy and evolution; preliminary treatment of biometrical problems of quantitative inheritance and population genetics; genetics of sex, reproduction, fertility, sterility; breeding principles such as those associated with inbreeding, backcrossing, heterosis and special aspects of economic plant breeding; disease and insect resistance and an introduction to the genetics of micro-organisms.

During the third term several of the earlier aspects are treated in greater detail, especially the principles of cytogenetics.

Text-books:

Sinnott, E. W., Dunn, L. C., and Dobzhansky, T., *Principles of genetics* (4th ed.) (McGraw Hill).

Hayes, H. K., and Immer, F. R., *Methods of plant breeding* (McGraw Hill).

## ZOOLOGY

EXAMINATIONS.—All examinations in zoology include both theoretical and practical papers. These cannot be taken separately.

## 161. Zoology I.

This course includes:

- (a) The general anatomy and physiology of animals; the processes of nutrition, respiration, secretion, growth, reproduction, locomotion, and sensory perception being discussed and illustrated by selected types.
- (b) An introductory course in cytology and genetics.
- (c) The histological characters of the blood, epidermal and connective tissues, cartilages, bone, muscle, and nerve in vertebrates. (This part of the course is intended to serve as an introduction to the histology of the human body.)
- (d) A brief survey of the chief classes of invertebrata.
- (e) The fundamental facts of vertebrate embryology and morphology.

The lectures are given on Tuesdays and Thursdays from noon to 1 p.m.; the practical class meets from 2 to 5 p.m. on Mondays and Thursdays.

Text-book:

Grove, A. J., and Newell, G. E., *Animal biology* (Univ. Tutorial pr.).

Students should read:

Walter, H. E., *Biology of the vertebrates* (Macmillan, N.Y.).  
 Buchsbaum, R. M., *Animals without backbones* (Univ. of Chicago pr.).  
 Romer, A. S., *Man and the vertebrates* (Univ. of Chicago pr.).  
 Borradaile, L. A., *Manual of elementary zoology* (latest edition) (Frowde).

## 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:

Grove, A. J., and Newell, G. E., *Animal biology* (Univ. Tutorial pr.).

## 162. Zoology II and III.

Pre-requisite subject: Course 161.

A. An advanced course of lectures with practical work on the comparative anatomy and embryology of the Chordata, for second and third year students. This course will be given in 1953 and in alternate years thereafter.

B. An advanced course of lectures with practical work on the anatomy and embryology of the Invertebrata, for second and third year students. This course will be given in 1952 and in alternate years thereafter.

C. A course of lectures and practical work on Mammalian Embryology, Cytology, Genetics and Ecology will form part of the third-year work in Zoology, and must be taken in addition to the courses outlined in A or B.

D. A course of lectures and practical work on comparative and experimental physiology will form part of the third-year work in Zoology and must be taken in addition to the courses outlined in A or B, and in C. This course will deal mainly with the physiology of the Invertebrata and the experimental work is designed to illustrate the methods of physiological investigation.

Books recommended (latest editions):

Course A:

Parker, T. J., and Haswell, W. A., *Textbook of zoology*, vol. 2 (Macmillan); or  
 De Beer, G. R., *Vertebrate zoology* (Sidgwick and Jackson).

For reference:

Hyman, L. H., *Comparative vertebrate anatomy* (Univ. of Chicago pr.).  
 Kingsley, J. S., *Outlines of the comparative anatomy of vertebrates* (Murray).  
 Kerr, J. G., *Textbook of embryology*, vol. 2, *The vertebrates* (Macmillan).

## Course B:

- Parker, T. J., and Haswell, W. A., *Textbook of zoology*, Vol. 1 (Macmillan); or  
 Borradaile, L. A., Eastham, L. E. S., Potts, F. A., and Saunders, J. T.,  
*Invertebrata* (C.U.P.).  
 Imms, A. D., *Outlines of entomology* (Methuen).

## For reference:

- MacBride, E. W., *Textbook of embryology*, Vol. 1, *Invertebrata* (Macmillan).  
 Hyman, L. H., *The invertebrates, Protozoa through Ctenophora* (McGraw Hill).  
 Hyman, L. H., *Invertebrate*, Vol. II, *Platyhelminthes and Rhynchocoela* (McGraw Hill).

## Course C:

- Arey, L. B., *Developmental anatomy* (Saunders).  
 Arnold, Mrs. A., *Sea beach at ebb-tide* (Appleton-Century).  
 Borradaile, L. A., *Animal and its environment* (O.U.P.).

## Course D:

- Yapp, W. B., *Introduction to animal physiology* (O.U.P.).  
 Heilbrunn, L. V., *Outline of general physiology* (Saunders).

## Books recommended for general reading for Zoology III:

- Elton, C. S., *Animal ecology* (Sidgwick and Jackson).  
 Gerard, R. W., *Unresting cells* (Harper).  
 Goldschmidt, R. B., *Mechanism and physiology of sex determination* (Methuen).  
 Huxley, J. S., *Evolution—a modern synthesis* (Allen and Unwin).  
 Johnstone, J., *Life in the sea* (C.U.P.).  
 Russell, E. S., *Behaviour of animals* (Arnold).  
 White, M. J. D., *Chromosomes* (Methuen).

## 165. Zoology for the Honours Degree of B.Sc.

Candidates for the Honours Degree in Zoology are required to show a more detailed knowledge of the subject than is required for the Pass Degree, and to pass a more stringent examination. One or more animal groups or some particular phase of zoology will be studied more particularly and research work will be undertaken. Candidates are required to spend all the time not necessarily devoted to lectures in the laboratory, and to attend such lectures and pass such examinations in other subjects as the Professor may deem necessary. Ordinarily, it is necessary that the additional subjects be taken before the final year's work in zoology.

A course of reading is prescribed by the Professor, and candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

## BIOCHEMISTRY

## 171. Biochemistry.

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 IA.

The course in Biochemistry extends over the three terms of the year. In the first two terms the subject-matter of the course is similar to that for medical students (see Syllabus No. 331), but more attention is paid to the general and less to the clinical aspects; in the third term the lectures deal with special topics which may be varied from year to year.

Biochemistry counts as a second-year subject for the degree of Bachelor of Science: provided, however, that if Organic Chemistry II and Biochemistry are the only two subjects submitted from Group B, they must be accompanied by *either* Histology or Statistical Methods.

Subject to the approval of the Faculty of Science in each case, Biochemistry, Statistical Methods, and the Physical Section of Inorganic and Physical Chemistry II may together count as a subject from Group C for the degree of Bachelor of Science, provided that no section of the composite subject be counted as part of the requirements from Group B.

**Text-books:**

Harrow, B., *Text-book of biochemistry* (4th ed.) (Saunders); or  
 Mitchell, P. H., *Textbook of biochemistry* (McGraw-Hill).  
 Mitchell, M. L., *Manual of practical biochemistry* (Hassell).

**172. Biochemistry for the Honours Degree of B.Sc.**

The course extends over three terms.

Pre-requisite subject: Course 171.

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:**

*Annual reviews of biochemistry* (Stanford University pr.).  
 Baldwin, E., *Dynamic aspects of biochemistry* (C.U.P.).  
 Hawk, P. B., et al, *Practical physiological chemistry* (12th ed.) (Churchill); or  
 Lloyd, D. J., and Shore, A., *Chemistry of the proteins* (2nd ed.) (Churchill).  
 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  
 Jolin, J. M., *Introduction to physical biochemistry* (2nd ed.) (Harper).  
 Dixon, M., *Multi-enzyme systems* (C.U.P.).  
*Symposium on the use of isotopes in biology and medicine* (Blackwell).  
 Green, D. E., *Currents in biochemical research* (Interscience).  
 Other reading will be prescribed during the course.

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## PHYSIOLOGY

**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 IA, and Histology (179). Further, students must have completed the first term's work in Biochemistry.

The course in Physiology begins in the second term, following the first term's work in Biochemistry, and extends over five terms. 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.**

The course extends over three terms.

Pre-requisite subject: Course 173.

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; rickettsiae and viruses, the bacteriology of milk, food, water and soil; general principles of immunology and infection.

Practical work includes the study of the morphology, staining, cultivation, isolation, and identification of representative organisms, 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 (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 biochemistry of bacteria and yeasts; infection, immunity, epidemiology and serology; disinfection and chemotherapy; microbiology of food and food preservation; dairy bacteriology; industrial microbiology; filtrable viruses.

## 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* (University 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* (University of Chicago pr.).  
 Dubos, R. J., *Bacterial cell* (Harvard University 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.

Books of reference for Agriculture I, II and III:

*The Australian environment* (Commonwealth Scientific and Industrial Research Organization).

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* (Uni. of Melb. pr.).

U.S. Dept. of Agr., *Yearbooks* 1938-49.

Donald, C. M., *Pastures and pasture research* (University 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  $\psi^2$  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.

## Books of reference:

- Mather, K., *Statistical analysis in biology* (Methuen).  
 Fisher, R. A., *Statistical methods for research workers* (9th ed.) (Oliver & Boyd).  
 Snedecor, G. W., *Statistical methods* (4th ed.) (Iowa State College pr.).  
 Tippett, L. H. C., *The methods of statistics* (2nd ed.) (Williams & Norgate).  
 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).

## 186. Genetics.

Principles and history of genetics; relationship of heredity and environment; physical basis of heredity, including the study of autosomal and sex linkage and chromosome maps; changes in the structure and operation of the genetic system; quantitative inheritance, polyploidy; biochemical genetics; inheritance in micro-organisms with special reference to *Neurospora* and *Paramecium*; the genetic basis of evolution.

Principles in relation to plant and animal improvement; theory of inbreeding, outbreeding, backcrossing, heterosis, progeny tests. Disease and insect resistance and problems associated with quality factors of production.

## Text-books:

- Sinnott, E. W., Dunn, L. C., and Dobzhansky, Th., *Principles of genetics* (4th ed.) (McGraw Hill).

## 187. Agricultural Chemistry I.

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.).

## For reference:

- 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* (Uni. of Melb. pr.).  
 Prescott, J., *The soils of Australia in relation to vegetation and climate* (C.S.I.R. Bulletin 52).

## Books of reference:

- 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).  
 Baver, L. D., *Soil physics* (Wiley).  
 Wiegner, G., and Jenny, H., *Anleitung zum quantitativen agrikultur-chemischen praktikum* (Borntrager).  
 Piper, C. S., *Soil and plant analysis* (Uni. 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 and third terms candidates attend the same lectures and practical classes as B.Sc. candidates (see Syllabus No. 171). A separate set of lectures and practical classes, with emphasis on the relation of the subject to animal husbandry rather than to human physiology, is given in the second term.

The subject-matter of the second term's 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:

Thomas, M., *Plant physiology* (Churchill).

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.

## Text-book:

Wood, J. G., *The vegetation of South Australia* (Government Printer, Adelaide).

PRACTICAL WORK extending over six hours per week throughout the course is arranged in connection with the lectures. For practical work students must possess Rendle, A. B., *Classification of flowering plants*, Vol. II (C.U.P.).

## Books of reference:

Willis, J. C., *Manual and dictionary of flowering plants and ferns* (C.U.P.).

## 191. Entomology.

The course of lectures and practical work for third-year students taking the course for the degree of B.Ag.Sc. deals with the following aspects of entomology:

1. Outlines of morphology, physiology, development, and classification of insects.
2. Life history, bionomics, and methods of control of selected examples of insects of economic importance in agriculture and horticulture.

3. The principles of insect control; factors limiting insect numbers in nature; insecticides, cultural methods, biological control.

The practical work consists of examination of selected insect types and the damage caused by them. A collection of not less than 50 species of common insects should be made by the student. Excursions will be arranged where possible.

Intending students should arrange, if possible, to meet the lecturer in a group at the end of the preceding academic year.

Text-book:

Imms, A. D., *Outlines of entomology* (Methuen).

Books of reference:

Imms, A. D., *General text-book of entomology* (Methuen).

Metcalf, C. L., and Flint, W. P., *Destructive and useful insects* (McGraw Hill).

Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).

Essig, E. O., *College entomology* (Macmillan).

Martin, H., *Scientific principles of plant protection* (Longmans).

Shepard, H. H., *The chemistry and toxicology of insecticides* (Burgess Pub.)

### 192. Microbiology.

The course consists of two lectures and four hours' practical work a week throughout the year. Subjects:

General microbiology: historical, morphology, metabolism, growth, relation to environment, classification and systematics of micro-organisms, including the fungi.

Filtrable viruses affecting animals.

Elements of immunology, serology and therapeutics.

Microbiology of:

Water and sewage.

Milk and dairy products; sources of bacteria in milk, quantitative and qualitative microbiological study of milk and milk products.

Soils; quantitative and qualitative study of soil micro-organisms; influence on soil and crops; special groups.

Fermentations; yeast; manufacture of alcoholic beverages, industrial alcohol; other fermentations.

Miscellaneous processes; flax retting; silage; deterioration of foods; food preservation.

The practical work in this course covers similar ground to the foregoing and is designed to make the student familiar with methods and techniques used in microbiology.

The subject-matter required for examination is covered by the course of lectures and the reading recommended from time to time throughout the course.

Reference-books:

Fairbrother, R. W., *Text-book of medical bacteriology* (Heinemann) (Chaps. on Immunology only).

Russell, E. J., and others, *Micro-organisms of the soil* (Longmans).

Waksman, S. A., *Principles of soil microbiology* (Baillière, Tindall and Cox).

Hammer, B. W., *Dairy bacteriology* (Wiley or Chapman and Hall).

Prescott, S. C., and Dunn, C. G., *Industrial microbiology* (McGraw Hill).

Martin, G. W., *Outline of the fungi* (Iowa University pr.).

Peltier, G. L., and others, *Laboratory manual of general bacteriology* (3rd. ed.) (Wiley).

### 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).  
 Bessey, E. A., *Text-book of mycology* (Blakiston).  
 Grainger, J., *Virus diseases of plants* (O.U.P.).

**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.

Dairy Science: scientific principles underlying the production of processing of milk, and milk products.

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.

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.).

Books of reference:

- 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 Company).  
 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 two 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.).

Books of reference:

- Tarshis, L., *Elements of modern economics* (Houghton Mifflin).  
Black, J. D., *Farm management* (Macmillan).  
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 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 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 vacation practical work before 15th November of the first year.

Practical work to be undertaken at Roseworthy College during the course of the second and subsequent years should also be registered at the University a fortnight before the commencement of each May or August vacation and before 15th November in the case of summer vacations.

Each student must eventually be able to show that he has taken part in a reasonable variety of operations connected with crop and pasture production, animal husbandry, dairying, horticulture and field experimental work. He must keep a record of practical work and before qualifying for the degree he will be required to show that the work has been completed to the satisfaction of the Principal of Roseworthy Agricultural College.

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## ENGINEERING

### 203. Assaying I

Pre-requisite subject: Inorganic and Physical Chemistry 11 (113 and 114b).

*Lectures:* One lecture a week throughout the year dealing with sampling and sampling machines; fire assaying—cupellation, scorification, special methods; volumetric analysis—special procedures and apparatus; chemical and mechanical interference.

*Practical Work:* Six hours a week throughout the year dealing with the wet and dry analysis of typical ores, metals and alloys.

Text-book:

Bugbee, E. E., *Textbook 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 I (214); and Architectural Design II (215) 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 book:

Eberlein, H. D., and McClure, A., *Practical book of period furniture* (Lippincott).

**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).

**213. Architectural History II.**

Pre-requisite subject: Architectural History I.

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:

Anderson, W. J., and Spiers, R. P., *Architecture of Greece and Rome* (Batsford).

Simpson, F. M., *History of architectural development* (Longmans).

Anderson, W. J., *Architecture of the renaissance in Italy* (Batsford).

Blomfield, R., *Short history of renaissance architecture in England* (Bell).

Ward, W. H., *Architecture of the renaissance in France* (Batsford).

Letarouilly, P. M., *Student's Letarouilly illustrating the renaissance in Rome* (ed. A. E. Richardson) (Tiranti).

**214. Architectural Design I.**

Pre-requisite subjects: Architectural History I and II, Architectural Measured Drawing and Sketching, Building Construction and Drawing I, and Geometrical Projection and Rendering.

A course of practical instruction in Architectural Design and Drawing. Each student must attend at least 75 per cent. of the period allotted for the subject. The year's work comprises not less than twelve problems which are marked individually on a percentage basis, 50 per cent. being required for a pass and 75 per cent. or over for a "mention." For a pass at the annual examination a student must have passed in at least two-thirds of the problems set during the year and have obtained not less than three "mentions." He must also obtain at least pass marks at the final examination. A "mention" may be obtained at that examination and would count as one of the three "mentions" referred to above. Students embody in their designs principles laid down in lectures in Architectural Theory, Construction and Practice I, which should be taken concurrently.

## Books of reference:

Robertson, H. M., *Principles of architectural composition* (Cheam Architectural pr.).

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 Design I and Architectural Theory, Construction and Practice I.

A continuation of the study of Architectural Design with provisions similar to those set out in (214). Students embody in their designs principles laid down in lectures in Architectural Construction and Practice II, which should be taken concurrently.

**216. 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 £50,000; 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 (89), Applied Mathematics I (91), Strength of Materials (274).

**STRUCTURES.**—A course of about 45 lectures dealing with the design of typical framed structures in wood, mild steel and reinforced concrete, including plate girders, trusses of various forms for bridges and roofs, and three-hinged arches; the determination of stresses in continuous beams and in selected rigidly jointed frames.

**EARTH PRESSURE AND FOUNDATIONS.**—A course of about 10 lectures dealing with earth pressure, column and wall footings, piles and piling, piers and abutments, cofferdams, open and pneumatic caissons.

Students also attend on one afternoon a week throughout the year in the drawing office and for about nine afternoons, in addition, in the laboratory.

## Text-books:

- Speedie, M. G., and O'Donnell, I. J., *Foundation methods* (Tait Book Co.).  
 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).  
 Standards Association of Australia:  
*Code for structural steel in building, C.A.1.*  
*Code for concrete in building, C.A.2.*  
*Crane and hoist code, C.B.2.*  
*Specifications for round strand steel wire ropes, B.9.*  
 C.S.I.R., *Handbook of structural timber design* (3rd ed., 1948).

## Reference books:

- Krynine, D. P., *Soil mechanics* (McGraw Hill).  
 Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley). (This is a text-book for 223. Civil Engineering II, Part A.)  
 Grinter, L. E., *Theory of modern steel structures*, (2 vols.) (Macmillan).  
 Sutherland, H., and Bowman, H. L., *Structural design* (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).  
 Jacoby, H. S., and Davis, R. P., *Timber design and construction*, 2nd ed. (Wiley).

**223. Civil Engineering II**

Pre-requisite subjects: Civil Engineering I (221), Hydraulics (224).

**PART A.**—A course of about 80 lectures, dealing with soil mechanics, irrigation, water supply, sewage treatment, roads and railway engineering and surveying, harbour engineering, geological factors in civil engineering.

Two afternoons a week are required for practical work in the laboratory and drawing office, and in addition students must attend seminars.

Text-book:

- Clark, D., *Plane and geodetic surveying for engineers*, Vol. I (Longmans),  
 Either Merriman, T., and Wiggin, T. H. (eds.), *American civil engineers' handbook* (Wiley); or Urquhart, L. C., *Civil engineering handbook* (McGraw Hill).  
 Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

Reference books:

- Krynine, D. P., *Soil mechanics* (McGraw Hill).  
 Terzaghi, K. von, *Theoretical soil mechanics* (Chapman and Hall).  
 Cunningham, B., *Treatise on the principles and practice of harbour engineering* (Griffin).  
 Webb, W. L., *Railroad construction: theory and practice* (Wiley).  
 Underwood, G., *Standard construction methods* (McGraw Hill).

Students are also required to read various papers published in the Transactions of Engineering Societies to which reference is made in the lectures.

PART B.—A course of about 50 lectures dealing with the Design of Structures (including Hydraulic Structures) and the Theory of Errors.

Students also undertake the complete design of selected engineering structures and in addition must attend seminars.

Text-book:

- Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw Hill).

Reference books:

- Sutherland, H., and Reese, W. W., *Introduction to reinforced concrete design* (2nd ed.) (Wiley).  
 Grinter, L. E., *Theory of modern steel structures*, 2 vols. (Macmillan).  
 Hool, G. A., *Reinforced concrete construction*, Vol. III (McGraw Hill).  
 Merriman, M., *Elements of precise surveying and geodesy* (Wiley).  
 Clark, D., *Plane and geodetic surveying*, Vol. II, 3rd. ed. (Constable).  
 Johnson, J. B., and others, *Theory and practice of modern framed structures*, Vol. III (Wiley).  
 Legget, R. F., *Geology and engineering* (McGraw Hill).  
 Urquhart, L. C., *Civil engineering handbook* (McGraw Hill).

Students are also required to read various papers published in the Transactions of Engineering Societies to which reference is made in lectures.

## 224. Hydraulics

Pre-requisite subjects: Pure Mathematics IIA (89), Applied Mathematics I (91).

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.

**230. Drawing I.**

**PERSPECTIVE.**—The principles of perspective, definitions and terms used in perspective; simple positions of the cubes, 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).

**SKETCHING.**—Freehand sketching of simple models showing plans, elevations, sections and dimensions. Perspective freehand sketching of architectural details. Freehand lettering as required for titles and sub-titles of architectural drawings.

**PLANE GEOMETRY.**—Construction of triangles, quadrilaterals, and polygons; circles tangentially in contact with converging lines, triangles, quadrilaterals, polygons, and sectors of circles; third, fourth, and mean proportionals; scale of chords; 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).

**232. Antique Drawing I.**

Students are required to make drawings in light and shade of ornament from architectural details. Lead-pencil, charcoal, wash, or any other medium may be used. The drawings should be broadly treated; highly-finished academic drawings are not required. The course corresponds with Grade I of the subject at the S.A. School of Arts and Crafts.

**233. Antique Drawing II.**

Students are required to make carefully-shaded drawings from more advanced architectural features. The work may be done in any medium. The course corresponds with Grade II of the subject at the School of Arts and Crafts.

**236. Geometrical Projection and Rendering.**

Pre-requisite subjects: Drawing I and Architectural History I.

**(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 analytique 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*.  
 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).

239. Architectural Measured Drawing and Sketching.

Pre-requisite subjects: Drawing I, Antique Drawing I, Architectural History I.

A course of practical instruction introductory to the study of Architectural Design I. It includes exercises in Measured Drawing from local architecture, sketching of architectural detail in the field, and problem exercises in the use of pencil and water colour. This leads to elementary studies in design and rendering.

Books of reference:

- Guptill, A. L., *Colour in sketching and rendering* (Reinhold).  
 Guptill, A. L., *Sketching and rendering in pencil* (Reinhold).  
 Ostwald, W., *Colour science*, Vols. I and II (Winsor and Newton).

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 (89), Applied Mathematics I (91).

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), Mathematics IIA (89), Applied Mathematics I (91).

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-books:

Hill, W. Ryland, *Electronics in engineering* (McGraw Hill) (introductory text only).  
 Seely, S., *Electron tube circuits* (McGraw Hill).

## 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).

## Reference books:

Everitt, W. L., *Communication engineering* (McGraw Hill).  
 Terman, F. E., *Radio engineers' handbook* (McGraw Hill).  
 Arguimbau, L. B., *Vacuum tube circuits* (Wiley).  
 A.R.R.L. *handbook*.

**243. Electrical Engineering II**

Pre-requisite subjects: Electrical Engineering I, Electronic Engineering I.

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.  
Specialist lectures.  
Seminar.

*Option 2: Communications*

Part A: Servomechanisms.  
Part C: Electronics and communications.  
Specialist lectures.  
Seminar.

Part A will be given in the first eight weeks of the course. Parts B and C will occupy the remaining nineteen weeks.

*Preparation for Honours Degree:* Students desirous of proceeding to the degree with honours should consult the Head of the Department, who will advise them to attend additional lectures and some selected laboratory work in Part B and/or Part C. Before proceeding to the fifth year honours course a student must obtain the approval of the Faculty of Engineering. This will not normally be granted unless distinction has been obtained in the examination in Electrical Engineering II.

**PART A: SERVOMECHANISMS**

Five lectures, and a minimum of twelve hours' practical and project work a week for a period of eight weeks.

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; and a brief course on operational methods, Laplace transform, Fourier integrals, as applied to transient and stability studies.

**PART B: ELECTRICAL POWER**

Four lectures and a minimum of fifteen hours' practical or project work a week.

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.

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.

**SPECIALIST LECTURES**

A balanced course of lectures covering the whole field of electrical engineering, both power and electronics, is given by professional engineers engaged in industry. The purpose of this course is to give the students a proper perspective of the fields of application and current practice in the various branches of electrical engineering.

**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).

Smith, F. L., *Radiotron designers' handbook* (Iliffe).

Starr, A. T., *Electric circuits and wave filters* (Pitman).

Seely, S., *Electron tube circuits* (McGraw Hill).

Jackson, W., *High frequency transmission lines* (Methuen).

## 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).

## 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*.

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).

## Part C:

*Admiralty handbook of wireless telegraphy*, Vols. I and II (H.M.S.O.).

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).

Bode, H. W., *Network analysis and feed-back amplifier design* (D. van Nostrand).

Markus and Zeluff, *Electronics for engineers* (Wiley).

Marchand, N., *Ultra-high frequency transmission and radiation* (Wiley).

Taylor, D., and Westcott, C. H., *Principles of radar* (C.U.P.).

Huxley, L. G. H., *Waveguides* (C.U.P.).

\* Students should have a copy of this handbook for calculation and design work.

General: Journals, such as those of the *Institution of electrical engineers*, the *American institute of electrical engineers*, etc.

#### 245. Industrial Engineering.

Financial principles and their application to engineering; specifications; 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:

Schumer, L. A., *Cost accounting* (Commonwealth Institute of Accountants).

Reference-books:

Alford, L. P. (ed.), *Cost and production handbook* (Ronald).  
*Factory management and maintenance* (McGraw Hill).

#### 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.

Text-books:

French, T. E., *Manual of engineering drawing* (McGraw Hill).  
*Australian standard engineering drawing practice* (Institution of Engineers, Australia).

#### 249. Engineering Drawing II

This course comprises 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 subject: Engineering Drawing I (248) and Pure Mathematics IA (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; pipes and pipe couplings. Mechanical transmission of power; bearings; shafting, couplings, belt, rope, chain drives and physical metallurgy.

Text-books:

Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw Hill).  
Faires, V. M., *Design of machine elements* (Macmillan); or

## Reference books:

- Maier, 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* (McMillan).  
 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* 1952.  
*British standard specifications* (B.S.I.).  
*Australian standard specifications* (S.A.A.).

**256. Mechanical Engineering I**

Pre-requisite subjects: Mathematics IIA (89), Applied Mathematics I (91), Physics II, B.E. Course (103), Strength of Materials (274), Engineering Drawing II (249).

An introductory course in heat engines, 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).  
 Baker, H. W., *Inchley's theory of heat engines* (Longmans).  
 Robinson, W., and Dickson, J. M., *Applied thermodynamics* (Pitman).

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-books:

- Bevan, T., *Theory of machines* (Longmans); or  
 Toft, L., and Kersey, A. T. J., *Theory of machines* (Pitman).

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); or

## 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*, 1952 (Mechanical World).  
 Standard Specifications and Codes.

## 257. Mechanical Engineering II

Pre-requisite subjects: 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 and two three-hour drawing office sessions a week.

The course is divided into two parts for the convenience of part-time students. All the 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:

Baker, H. W., *Inchley's theory of heat engines* (Longmans); or  
Robinson, W., and Dickson, J. M., *Applied thermodynamics* (Pitman).  
Obert, E. F., *Internal combustion engines* (International Text-book).

## Reference books:

Ewing, J. A., *Thermodynamics for engineers* (C.U.P.).  
Judge, A. W., *Testing of high speed internal combustion engines* (Chapman and Hall).  
Pye, D. R., *Internal combustion engine*, Vols. I and II (O.U.P.).  
Keenan, J. G., *Elementary theory of gas turbines and jet propulsion* (O.U.P.).  
Vincent, E. T., *Theory and design of gas turbines and jet engines* (McGraw Hill).  
Stodola, A., *Steam turbines* (Van Nostrand).  
Kearnton, J. G., *Steam turbine theory and practice* (Pitman).  
Sim, J., *Steam condensing plant* (Blackie).  
Brown, A. I., and Marco, S. M., *Introduction to heat transfer* (McGraw Hill).  
McAdams, W. H., *Heat transmission* (McGraw Hill).  
Ewing, J. A., *The mechanical production of cold* (Macmillan).  
Sparks, N. R., *Theory of mechanical refrigeration* (McGraw Hill).  
Raber, B. F., and Hutchinson, F. W., *Refrigeration and air conditioning engineering* (Wylie).  
Venemann, H. G., *Refrigeration theory and applications* (Nicherson and Collins).  
Goodman, W., *Air conditioning analysis* (Macmillan).

**FLUID MECHANICS.**—Principle of similarity and theory of models, lubrication, flow metering, basic aerodynamics, the development of theory and practice of hydraulic pumps, turbines, fluid transmissions, hydraulic and pneumatic controls, blowers and fans.

## Text-books:

As for Hydraulics.

## Reference books:

Hunsaker and Rightmire, *Engineering applications of fluid mechanics* (McGraw Hill).  
Nelson, W. C., *Airplane propeller principles* (Wiley).  
Rouse, H., *Elementary mechanics of fluids* (Wiley).  
Kearnton, 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).

British Standard Code, *Flow measurement*.

Wislicenus, *Fluid mechanics of turbo-machinery* (McGraw Hill).

Goldstein, *Modern developments in fluid dynamics* (Oxford).

Rouse, H., *Fluid mechanics for hydraulic engineers* (McGraw Hill).

**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 and servo-mechanisms.

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).

Reference books:

Dalby, W. E., *Balancing of engines* (Arnold).

Myklestad, N. O., *Vibration analysis* (McGraw Hill).

Tuplin, W. A., *Vibration in machinery* (Pitman).

Cousins, F. M., *Analytical design of high speed internal combustion engines* (Pitman).

Johnson, W. C., *Mathematical and physical principles of engineering analysis* (McGraw Hill).

Rhodes, T. J., *Industrial instruments for measurement and control* (McGraw Hill).

Porter, A., *An introduction to servo-mechanisms* (Methuen).

Lauer, Lesnick and Matson, *Servomechanism fundamentals* (McGraw Hill).

**MACHINE DESIGN II.**—A course of lectures and drawing office work on advanced aspects of the design of machine members and mechanical assemblies including treatments of various types of gears, lubrication and bearing design; reciprocating engine components; mathematical and experimental stress analysis, fatigue, creep; design for high speed operation; curved beam theory; the economics of product design and design in relation to manufacturing method. Selected aspects of the design of manufacturing and processing equipment.

The work includes the complete design of a minor mechanical assembly and a small prime mover.

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).

Ricardo, H. R., and Glyde, H. S., *High speed internal combustion engines* (Blackie).

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).

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).  
 Moore, H. F., *Text-book of the materials of engineering* (McGraw Hill).  
 Steeds, W., *Involute gears* (Longmans).

### 260. Process Engineering I

Pre-requisite subject: Inorganic and Physical Chemistry II (113 and 114B).  
 The work is divided into two parts.

#### A. UNIT OPERATIONS.

*Lectures:* One hour a week throughout the year, dealing with size reduction, movement and storage of materials; mixing and separation; fluid flow; heat transfer; evaporation and condensation; humidification; adsorption and absorption; fuel technology; refractories; measurement and control of process variables; materials of construction.

*Practical Work:* Three hours a week throughout the year of quantitative laboratory bench-scale work, designed to illustrate the principles of unit operations.

##### Text-books:

- Brown, G. G., *Unit operations* (Wiley).  
 Kirkbridge, C. G., *Chemical engineering fundamentals* (McGraw Hill).

##### Reference books:

- Perry, J. H., *Chemical engineer's handbook* (3rd edition) (McGraw Hill).  
 Rossini, F. D., *Chemical thermodynamics* (Wiley).  
 Eckman, D. P., *Industrial instrumentation* (Wiley).

#### B. UNIT PROCESSES (METALLURGY).

*Lectures:* One hour a week throughout the year, dealing with hydrometallurgy—leaching, separation and precipitation, cyanidation and amalgamation; pyrometallurgy—drying, calcining, roasting, sintering and agglomeration, smelting, converting, refining; electrometallurgy.

*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 (metallurgy).

##### Text-books:

- Bray, J. L., *Non-ferrous production metallurgy* (Wiley).  
 Bray, J. L., *Ferrous production metallurgy* (Wiley).

##### Reference books:

- Liddell, D. M., *Handbook of non-ferrous metallurgy* (McGraw Hill).  
 Butts, A., *Metallurgical problems* (McGraw Hill).

### 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.

*Lectures:* Two hours a week throughout the year, comprising advanced treatment of the Unit Operations subject matter contained in Process Engineering I (260), Part A, including the design and selection of operational units.



*Practical Work:* Six hours a week throughout the year on the operation and performance of small scale chemical and metallurgical units.

Text-books:

Brown, G. G., *Unit operations* (Wiley).

Reference books:

Perry, J. H., *Chemical engineer's handbook* (3rd edition) (McGraw Hill).  
Hougen, O. A., and Watson, K. M., *Chemical process principles* (3rd edition) (Wiley).

Wenner, R. R., *Thermochemical calculations* (Wiley).

Hougen, O. A., and Watson, K. M., *Industrial chemical calculations* (Wiley).

Kern, D. Q., *Process heat transfer* (McGraw Hill).

McAdams, W. H., *Heat transmission* (McGraw Hill).

#### B. UNIT PROCESSES (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-books:

Shreve, R. N., *Chemical process industries* (McGraw Hill).

Badger, W. L., and Baker, E. M., *Inorganic chemical technology* (McGraw Hill).

Reference book:

Riegel, E. R., *Industrial chemistry* (Reinhold).

#### C. PROCESS ENGINEERING ECONOMICS.

*Lectures:* One hour a week throughout the year, dealing with flow sheets, material and energy balances, plant layout and design; capital and operating costs; organisation, plant supervision, research and sales; patents.

*Practical Work:* Six hours a week throughout the year of drawing office work and calculations relating to plant design and layout.

Reference books: As for Part A, and

Tyler, C., *Chemical engineering economics* (3rd Edition) (McGraw Hill).

Vilbrandt, F. C., *Chemical engineering plant design* (2nd Edition) (McGraw Hill).

Walker, H. N., *Australian patents* (The Law Book Co. of Australasia).

#### 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).

## 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:

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 & 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 (294), 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 thesis 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).  
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).

Students should provide themselves with seven-figure logarithmic tables, such as *Chambers's mathematical tables*.

## 270. Oredressing

Pre-requisite subjects: Geology I (141), Engineering Drawing II (249).

*Lectures:* Two hours a week, during the second and third terms. Process Engineering I (261), if not already completed, must be taken concurrently with Oredressing. The lectures deal with the principles and practice of oredressing, including crushing, sorting, sizing, classification and concentration; flotation; mill design.

*Practical Work:* Three hours a week during the second and third terms of bench and pilot scale experiments designed to illustrate the physico-chemical principles of oredressing.

## Text-book:

Richards, R. H., and Locke, C. E., *Textbook of oredressing* (3rd Edition) (McGraw Hill); or  
Gaudin, A. M., *Principles of mineral dressing* (McGraw Hill).

## Reference books:

Taggart, A. F., *Handbook of mineral dressing* (Wiley).  
Wark, I. W., *Principles of flotation* (Aust. Inst. Min. and Met.).

**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 last about a week, and students pay their own costs. Entry for these trips must be made at least six weeks before the beginning of the trip.

**274. Strength of Materials.**

Pre-requisite subject: Pure Mathematics IA (85). Pure Mathematics IIA (89) and Applied Mathematics I (91) must be taken concurrently, if they have not already been passed.

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; trusses for roofs and bridges.

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.

The stability of simple structures.

## 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, Metallurgical and Chemical 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*.

**281. Survey Camp.**

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 at a date to be fixed. A camp fee of £3 3s. is charged. Quarters and stretchers are provided, but students must provide their own transportation, food, and bedding, and 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.

**286. Workshop Practice I.**

The course is divided into three 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.

Building and Plant: General layout as determined by nature of work; flow of material; arrangement of shops to suit sequence of operations; internal transport; lighting, heating, ventilation, sanitation; arrangements for electric power, gas, compressed air.

Equipment: Consideration of equipment according to product, variation in type depending on quantity and other factors. Lifting, conveying, and transporting equipment.

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 babbitting of bearings; precision measuring; presses and press tools.

### The Honours Degree of Bachelor of Engineering

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 IIIA (95), Applied Mathematics II (97), 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 IIIA (95), Applied Mathematics II (97), 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 95, 97, and 104) is £10/10/-.

## FACULTY OF LAW

### GENERAL NOTES

Normally the course of lectures in every Ordinary subject is given every year.

Candidates for the degree of Bachelor of Laws are recommended to include in the subjects of their first two years of study Elements of Law, Latin I, and the two courses in Arts subjects which they select as Special Subjects nos. 2 and 3. In every case Elements of Law should be taken in the first year.

### ORDINARY SUBJECTS

#### I. Elements of Law and Legal and Constitutional History—(301)

- (a) The forms of law, written and unwritten (common law, equity, statutes, custom, etc.).
- (b) Outline of the growth of English courts and of the principles of common law and equity.
- (c) Outline of the constitution and jurisdiction of Australian courts.
- (d) Principles of legal interpretation.

Text-books:

(i) Geldart, W. M., *Elements of English law* (4th ed.) (O.U.P.).

(ii) Either

Windeyer, W. J. V., *Lectures on legal history* (2nd ed.) (Law Book Co. of Aust.).

Or

Radcliffe, G. R. Y., and Cross, G., *English legal system* (2nd ed.) (Butterworth).

(iii) Williams, G. L., *Learning the law* (Australian ed.) (Stevens).

Books of reference (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 & Maxwell).

Note: Students will be expected to have read Geldart, W. M., *Elements of English law*, before the beginning of lectures.

**2. The Law of Contracts—(302).**

- (a) General principles of the law of contracts.
- (b) Statutes and reports of cases specially prescribed in lectures.

## Text-book:

Cheshire, G. C., and Fifoot, C. H. S., *Law of contracts* (2nd ed.) (Butterworth).

## Books of Reference:

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.).

**3. The Law of Wrongs—(303).**

- (a) The law of torts.
- (b) General principles of criminal law.
- (c) Outlines of criminal procedure.
- (d) Statutes and reports of cases specially prescribed in lectures.

## Text-books:

Winfield, P. H., *Text-book of the law of torts* (5th ed.) (Sweet and Maxwell).

Cross, R., and Jones, P. A., *Introduction to criminal law* (2nd ed.) (Butterworth).

## Books of reference:

Kenny, C. S., *Outlines of criminal law* (C.U.P.).

Clerk, J. F., and Lindsell, W. H. B., *Law of torts* (Sweet and Maxwell).

Salmond, J. W., *Law of torts* (Sweet and Maxwell).

Russell, W. O., *Treatise on crimes and misdemeanours* (Stevens).

**4. The Law of Property (Real and Personal)—(304).**

- (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.

## Books of reference:

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).

Williams, J., and Eastwood, R. A., *Principles of the law of real property* (25th ed.) (Sweet and Maxwell).

Megarry, R. E., *A manual of the law of real property, 1949* (Stevens and Sons).

**5. The Law of Equity and Conveyancing—(305).**

- (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.

## Books of reference:

McDougall, A., *Modern conveyancing* (Pitman).

As suggested in lectures.

**6. Mercantile Law—(306).**

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).

## Books of reference:

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).

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).

**7. The Law Relating to Companies, Partnership, Bankruptcy, and Divorce—(307).**

A course of lectures dealing with these subjects extending over one year.

## Books of reference:

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.

**8. The Law of Evidence and Procedure—(308).**

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).

## For reference:

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.).

**9. Constitutional Law—(309).**

(a) Elements of English constitutional law.

(b) The constitution of South Australia.

(c) The constitution of the Australian Commonwealth.

(d) The statutes and cases specially prescribed in the course of lectures.

## Text-book:

Sawer, G., *Cases on the constitution of the Commonwealth of Australia* (Law Book Co.).

## For reference:

- Dicey, A. V., *Introduction to the study of the law of the constitution* (Macmillan) (9th or later edition).  
 Knowles, G. S., *Commonwealth of Australia Constitution Act* (Canberra).  
 Jennings, W. I., *Law and the constitution* (Univ. of London pr.).  
 Allen, C. K., *Law and orders* (Stevens).  
 Evatt, H. V., *The King and his Dominion Governors* (O.U.P.).  
 Sieghart, M. A., *Government by decree* (Stevens).  
 Wynes, W. A., *Legislative and executive powers in Australia* (Law Book Co. of Aust.).  
 Robson, W. A., *Justice and administrative law* (Stevens).  
 Other books to be mentioned in lectures.

Note.—Students will be expected to have read Jennings, W. I., *Law and the Constitution* (Univ. of London pr.), before the beginning of lectures.

## 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

The following combinations of two courses in related subjects have been approved by the Faculty of Law for this purpose:

1. Greek I or French I or German I and Comparative Philology.
2. History IC and Political Science.
3. Economics I and History IIB.
4. Pure Mathematics IA and Applied Mathematics I.

## 4. Jurisprudence (including Roman Law)—(311).

The course of lectures is given in alternate years, and is completed in one year. It will not be given in 1952.

The course comprises:

- (a) The nature and scope of jurisprudence; the origin, nature, sources, and functions of law; the principles of jurisprudence and the analysis of legal concepts.

Text-book:

Paton, G. W., *A text-book of jurisprudence* (O.U.P.).

Books of reference:

Holland, T. E., *Elements of jurisprudence* (O.U.P.).

Salmond, J. W., *Jurisprudence* (Sweet and Maxwell).

Gray, J. C., *Nature and sources of the law* (Macmillan).

Stone, J., *Province and function of law* (Associated General Publications).

- (b) An outline of the history and the main principles of Roman private law.

Books of reference:

Jolowicz, H. F., *Historical introduction to Roman law* (C.U.P.).

Buckland, W. W., *Manual of Roman private law* (C.U.P.).

Buckland, W. W., and McNair, A. D., *Roman law and common law* (C.U.P.).

## 5. Private International Law—(312).

The course of lectures is given in alternate years, and is completed in one year. It will be given in 1952.

Text-book:

Cheshire, G. C., *Private international law* (3rd ed.) (O.U.P.).

Book of reference:

Dicey, A. V., *Digest of the law of England, with reference to the conflict of laws* (5th ed.) (Stevens).



## 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* (University of Queensland pr.)

## 322. Chemistry.

The course in Chemistry for medical students comprises (a) a series of lectures dealing with Inorganic, Organic, and Physical Chemistry, the class meeting on Mondays at 9 a.m. and on Tuesdays and Thursdays at 12 noon, and (b) a course of instruction in Practical Chemistry on Tuesdays and Thursdays from 9 a.m.-12 noon throughout the three terms. The laboratory work includes qualitative and volumetric methods of analysis in which an introduction will be given to examinations involving micro-methods. Laboratory exercises in organic chemistry are also set.

The practical course includes demonstrations in the lecture theatre, and work-sheets are provided.

## Text-books:

Philbrick, F. A., and Holmyard, E. J., *Textbook of theoretical and inorganic chemistry* (Dent).

Macbeth, A. K., *Organic chemistry* (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.).

## 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:

Grove, A. J., and Newell, G. E., *Animal biology* (Univ. Tutorial pr.).

## 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 fifteen 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).

Book of reference:

- Cantarow, A., and Trumper, M., *Clinical biochemistry* (3rd ed.) (Saunders).

**332. Embryology and Histology.**

A course of lectures and practical classes on the microscopical structure of the cells, tissues and organs of the body during the first two terms of the second year and a course of lectures in embryology during the second and third 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., *Ourselfs unborn* (Yale U.P.).  
 Barclay, A. E., and others, *Foetal circulation and cardiovascular system*, a synopsis for students (Blackwell).

**THIRD EXAMINATION**

**335. Anatomy.**

The course in Anatomy extends over five terms, beginning in the first term of the second year of the medical course, and is so arranged that the dissection of the human body can be completed by the end of the course. The dissecting room is open from Monday to Friday from 9 a.m. to 5 p.m., and on Saturday from 9 a.m. to 12 noon during each week of term, under the supervision of the professor, the reader, lecturers and demonstrators.

Approximately 15 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 term, a course of lectures and practical classes on the gross and microscopical anatomy of the nervous system.

During the fifth term, lectures and demonstrations on special topics not already covered 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 first two terms 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 and methods of cultivation, isolation and classification of bacteria; bacteria in relation to disease; general and special bacteriological methods useful in diagnosis; principles of immunology and chemotherapy; the characteristics of the filtrable viruses; the bacteriology, immunology, and epidemiology of specific infections.

2. GENERAL PATHOLOGY: The general tissue reactions and retrograde tissue changes. Neoplasms. General circulatory changes, etc.

3. SPECIAL PATHOLOGY: The naked eye and histological features of pathological conditions considered as affecting particular organs and tissues.

POST MORTEM EXAMINATIONS: These are held at the Hospital Mortuary daily whenever material is available, and all fourth and fifth year students are required to attend. The student, whose case the subject was, is expected to read the clinical notes and to assist when possible at the autopsy. Each student must attend at least forty autopsies per annum during the fourth and fifth years.

Text-books:

- Fairbrother, R. W., *Text-book of medical bacteriology* (Heinemann).  
 Boyd, W., *Text-book of pathology* (Lea and Febiger); or  
 Dible, J. H., and Davie, T. B., *Pathology, an introduction to medicine and surgery* (Churchill).  
 Karsner, H. T., *Human pathology* (6th ed.) (Lippincott).  
 Wright, G. Payling, *An introduction to pathology* (1st ed., 1950) (Longmans).  
 Hutchison, R., and Hunter, D., *Clinical methods* (Cassell).  
 Ogilvie, R. F., *Pathological histology* (Livingstone).

## Books of reference:

- Willis, R., *Pathology of tumours* (Butterworth).  
 Ewing, J., *Neoplastic diseases* (Saunders).  
 Whitby, L. E. H., and Britton, C. J. C., *Disorders of the blood* (Churchill).  
 Todd, J. C., and Sanford, A. H., *Clinical diagnosis by laboratory methods* (Saunders).  
 Hadfield, G., and Garrod, L. P., *Recent advances in pathology* (Churchill).  
 Dyke, S. C., *Recent advances in clinical pathology* (Churchill).  
 Novak, E., *Gynaecological and obstetrical pathology* (Saunders).  
 Muir, R., *Bacteriological atlas* (Livingstone).  
 Topley, W. W. C., and Wilson, G. S., *Principles of bacteriology and immunity* (Arnold).  
 Muir, R., and Ritchie, J., *Manual of bacteriology* (O.U.P.); or  
 Bigger, J. W., *Handbook of bacteriology* (Baillière, Tindall and Cox).  
 Mackie, T. J., and McCartney, J. E., *Introduction to practical bacteriology* (Livingstone).  
 Wadsworth, A. B., *Standard methods of the Division of Laboratories and Research* (Williams and Wilkins).  
 Rhodes, A. J., and van Rooyen, C. E., *Textbook of virology* (Nelson).

**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:

- Bastedo, W. A., *Pharmacology, therapeutics, and prescription writing* (Saunders).  
 Wright, S., *Applied physiology* (O.U.P.).

## Reference-books:

- Clark, A. J., *Applied pharmacology* (Churchill).  
 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.*  
 And those sections of Bentley, A. O., *Aids to dispensing* (Baillière, Tindall and Cox) enumerated by the Lecturer.

**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 modern developments in social medicine receive special attention.

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.
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, a conditioning plant, a swimming pool, sewage treatment, a child health centre, abattoirs, a modern bakery, and an office of a Board of Health.

Text-books:

Currie, J. R., and Mearns, A. G., *Hygiene* (Livingstone).  
American Public Health Association, *Control of communicable diseases* (1950).

Books of reference:

Burn, J. L., *Recent advances in public health* (Churchill).  
Boyd, M. F., *Preventive medicine* (Saunders).  
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 infanticide, concealment of births, concealment of pregnancy, 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 fabricitious; 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, J. J. (ed.), *Textbook of medicine* (9th ed., 1949) (Livingstone).

## Books of reference:

- Price, F. W. (ed.), *A textbook of the practice of medicine* (8th ed., 1950) (Oxford University Press).  
 Cecil, R. L. F. (ed.), *Textbook of medicine* (8th ed., 1950) (Saunders).  
 Stewart, J. Purves, *Diagnosis of nervous diseases* (9th ed., 1945) (Arnold).  
 White, P. D., *Heart disease* (3rd ed., 1945) (Macmillan).  
 Bourne, G., *An introduction to cardiology* (1949) (Arnold).  
 Coope, R., *Diseases of the chest* (2nd ed., 1948) (Livingstone).  
 Molesworth, *An introduction to dermatology* (2nd ed., 1944) (Angus and Robertson).  
 Roxburgh, A. C., *Common skin diseases* (9th ed., 1950) (Lewis).  
 Whitby and Britton, *Disorders of the blood* (6th ed., 1950) (Churchill).  
 Walshe, F. M. R., *Diseases of the nervous system* (6th ed., 1949).  
 Harries, E. H. R., and Mitman, M., *Clinical practice in infectious diseases* (Livingstone).  
 Christie, H. B., *Infectious diseases* (1946) (Faber and Faber).

2. *Physical Signs, Diagnosis and Chemical Methods.*

## Text-books:

- Hutchinson, R., and Hunter, *Clinical methods* (12th ed., 1949) (Cassell).  
 Horder, T. J., and Gow, *Essentials of medical diagnosis* (Cassell).

## Books of reference:

- Cabot, R. C., *Physical diagnosis* (1949 ed. in preparation) (Baillière, Tindall and Cox).  
 Harrison, C. A., *Chemical methods in clinical medicine* (3rd ed., 1947) (Churchill).

3. *Therapeutics.*

## Text-books:

- Dunlop, D. M., McNee, J. W., and others, *Text-book of medical treatment* (5th ed., 1950) (Livingstone).  
 White, 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 diseases specially important in children, demonstrations at the Mareeba Babies' Hospital, including the actual preparation of infant foods in common use; methods of caring for premature infants. The maintenance of breast feeding at the School for Mothers.

## Text-books:

- Ellis, R. W. B., *Disease in infancy and childhood* (1951) (Livingstone).  
 Collins, *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).

## Books of reference:

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).

## Books of reference:

Farquharson, E. L., *Illustrations of surgical treatment* (Livingstone).

Pye, W., *Surgical handicraft* (Wright).

B. OPERATIVE SURGERY AND SURGICAL ANATOMY: Instruction included in lectures in Surgery.

## Text-books:

McGregor, A. L., *Synopsis of surgical anatomy* (Wright).

Rawling, L. B., *Land marks and surface markings of the human body* (Lewis).

## Books of reference:

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).

## Book of reference:

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 six lecture-demonstrations given half during the fourth year and half during the fifth year.

The course deals with the production of radiograph and radiographic technique; the radiological investigation of bones and joints, of the head, of the thorax, alimentary tract, liver and gallbladder, urinary tract and female pelvic organs; soft tissue shadows.

RADIOTHERAPEUTICS: Treatment by X-rays and Radium.

H. ANAESTHETICS: (i) A course of lectures dealing with preparation of patient—premedication (including rectal); ether anaesthetisa—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-books:

Kaye, G. A., and others, *Anaesthetic methods* (Ramsay, Melbourne).

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* (5th ed.) (Churchill).

Baird, Dougal, *Combined text-book of obstetrics and gynaecology* (5th ed.) (Livingstone).

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 degree, 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* (Melbourne Univ. pr.); or  
 Webster, H. C., and Robertson, D. F., *Medical physics* (University of Queensland pr.).

**402. Chemistry.**

The course in Chemistry for dental students comprises (a) a series of lectures dealing with Inorganic, Organic, and Physical Chemistry, the class meeting on Mondays at 9 a.m. and on Tuesdays and Thursdays at 12 noon, and (b) a course of instruction in Practical Chemistry on Tuesdays and Thursdays from 9 a.m.-12 noon throughout the three terms. The laboratory work includes qualitative and volumetric methods of analysis in which an introduction is given to examinations involving micro-methods. Laboratory exercises in organic chemistry are also set.

The practical course includes demonstrations in the lecture theatre, and work-sheets are provided.

## Text-books:

- Philbrick, F. A., and Holmyard, E. J., *Text-book of theoretical and inorganic chemistry* (Dent).  
Macbeth, A. K., *Organic chemistry* (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:

- Grove, A. J., and Newell, G. E., *Animal biology* (Lond. Univ. Tutorial pr.).

**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 edition) (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.**

For the first two terms dental students attend the same lectures and practical classes as second-year medical students; in the third term a special course of lectures and practical work on the microscopical anatomy of the teeth and their development is provided.

## Text-books recommended:

- Schafer, E. A. S., *Essentials of histology, descriptive and practical* (latest edition) (Longmans).  
Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

## For reference:

- Mummery, J. H., *The microscopic anatomy of the teeth* (O.U.P.).

**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.).

## Book of reference:

- 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., *Textbook of biochemistry*, 6th ed. (Churchill); or  
 Harrow, B., *Textbook 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 edition) (Saunders).  
 Osborne, J., *Dental mechanics for students* (2nd edition) (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).

## Books of reference:

- 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).

## Books of reference:

- 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: Factors influencing the growth and death of bacteria; sterilisation, antiseptics and assessment of value of disinfectants; brief outline of immunological reactions, bacterial infection and immunity; the characteristics and occurrence of selected genera of bacteria; the elementary principles of hygiene as applied to dental practice; brief consideration of the bacteriology of syphilis, tuberculosis, Vincent's angina, gingivitis, pyorrhoea, dental caries, actinomycosis, pharyngitis, sore throat and arthritis; wound bacteriology and chemotherapy.

Text-book:

Fairbrother, R. W., *Textbook of medical bacteriology* (5th ed.) (Heineman).

#### 422. Dental Metallurgy.

A course of lectures and demonstrations, dealing with:—

Nature, properties and structures of alloys used in dentistry; fillings, inlays, and cast dentures; heat treatment and its application to the above materials and to tempering tools; measurement of hardness and the effects of mechanical treatment; casting and swaying; solders and soldering; electro-metallurgy.

#### 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).

Books of reference:

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).

For reference:

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 and 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).

For reference:

- 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).

##### 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*,

Books of reference:

- 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; ulceration of the gums and oral tissues.

Text-books:

- Colyer, J. F., and Sprawson, E. C., *Dental surgery and pathology* (8th ed.) (Longmans).  
 Posner, J. J., *Local anaesthesia simplified* (Mosby).

##### 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).

For reference:

- 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.

For reference:

Grossman, I., *Root Canal Therapy* (3rd edition, 1950) (Lea and Febiger).

**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.

**45. 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.

Books of reference:

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).

**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**

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.**

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.

**PROSTHETIC DENTISTRY**

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; denture repair technics; manipulation of metals; dental casting technics.

**THIRD YEAR.****OPERATIVE TECHNICS.**

Attend demonstrations and do practical work in the following:—

1. Equipment: inspection; its care and use.
2. Sterilisation.
3. Instrument design and use.
  - (a) Making special 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 the mouth: mouth survey, detection of caries, 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.

## DENTAL CERAMICS.

Manipulation of porcelain.

## ORTHODONTIC TECHNIQS.

Carry out the following work:—

1. Plain soldered bands.
2. Plain spurred bands.
3. Appliance for maintaining expansion.
4. Retaining appliances, Classes II and III.
5. Retainer for use after rotation.

## FIFTH YEAR.

## 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.

## PART I OF THE EXAMINATION

A candidate will be required to carry out in each subject, under the direction of the Professor concerned, a course of study which will include exercises and practical work. 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:**

- (a) The fundamental methods of organic chemistry; chief aliphatic and aromatic families and the preparation and properties of representative members; urea, the cyclic ureides, and the barbiturates; barbiturates used as drugs; natural and synthetic local anaesthetics; acrylic acid, the acrylates, and acrylic resins; formaldehyde resins; vinyl acetate and vinyl resins; other synthetic resins.
- (b) A specialised knowledge of some physical chemistry subjects, such as colloid phenomena, polymerisation and the formation of macro-molecules, vulcanisation, 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 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* (Baillièrè, 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* (Baillièrè, 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 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.

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.

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.

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.

The examination will cover both sections (a) and (b), and will be conducted by the means outlined in Regulation 6 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 1½-hour 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, 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 opportunity to observe demonstration periods of class teaching, and are themselves required to teach different age groups.

Books recommended for reference:

- Somervell, *The compleat teacher* (Boosey).  
 McPherson and Read, *Aural culture based on musical appreciation*.  
 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 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 one-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.

Books recommended for reference:

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.

Books recommended for reference:

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.

Books recommended for reference:

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.

Books recommended for reference:

Richardson, *Acoustics of orchestral instruments and of the organ* (Arnold).

Jeanes, *Science and music* (C.U.P.).

Buck, *Acoustics for musicians* (Clarendon).

Wood, *The physics of music* (Methuen).

EXAMINATION: One three-hour paper.

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## COMMERCIAL STUDIES

### 481. Accountancy I.

Before being admitted to the course in Accountancy I candidates must pass a qualifying examination in Bookkeeping, which will be held in the first week in March. Candidates who have passed in Bookkeeping at the Leaving Examination or at some other examination of equivalent standard will be exempted from the qualifying examination. In the event of a candidate's failing to pass the qualifying examination the fee paid for Accountancy I may be transferred to another subject or may be refunded at the candidate's option.

When entering for Accountancy I candidates must also enter for the qualifying examination or state on the entry form the ground on which exemption from it is claimed.



There are three courses in Accountancy: courses I and II must be taken by all candidates for the Diploma in Commerce.

The course in Accountancy I consists of two lectures, each of one hour's duration, and one tutorial class of ninety minutes, a week throughout the academic year. The course is offered every year, and is given if sufficient students enrol.

To be eligible to sit for the final examination candidates must, in addition to attending the requisite number of lectures and tutorial classes, or being exempted therefrom, work out a satisfactory proportion of the homework papers which are distributed throughout the year.

A charge of 2s. 6d. a term is made for examples.

Synopsis of topics:

History and development of bookkeeping; the functions of accountants; various forms of books of account in use shown and illustrated by entries, including the correct employment of the journal in modern accountancy; bank reconciliation statements; the trial balance, trading, profit and loss accounts and balance-sheets; the system of separate balancing of ledgers, including the use of control accounts explained and exemplified; single entry bookkeeping and conversion to double entry; columnar accounting; departmental and branch accounts; consignments, account sales, joint venture accounts, accounts current and average due date; prepayments and outstandings; depreciation, appreciation, and fluctuations; provisions, reserves, reserve funds and sinking funds; secret reserves; partnership accounts; goodwill, income and expenditure accounts and receipts and payments accounts; distinction between capital and revenue; manufacturing accounts, percentage trading and profit and loss accounts; companies—share capital and debentures, vendor's accounts, forfeiture of shares; hire-purchase accounts; instalment payment purchases; royalties; investment accounts.

Nature, scope and purpose of auditing; classes of audits; audit of cash transactions; internal check systems and their relation to external audits; audit of profit and loss account and balance-sheet; valuation and verification of assets, including stock in trade.

Text-books:

Carter, R. (ed.), *Advanced accounts* (Australasian edition) (Pitman).  
De Paula, F. R. M., *Principles and practice of auditing* (7th Australasian edition) (Pitman).

Books recommended for reference:

Ward, H. L., *The Commonwealth intermediate accountancy and auditing exercises* (Hassell).  
Barton, A. E., *Australasian advanced accountancy* (Law Book co.).  
Spicer, E. E., and Pegler, E. C., *Book-keeping and accounts* (Pitman).  
Yorston, Smyth & Brown, *Advanced accounting*, Vols. 1 and 2 (Law Book co.).  
Irish, R. A., *Practical auditing* (Sydney Law Book co.).

Examination: Three 3-hour papers.

#### 482. Accountancy II.

Except with special permission, to be obtained in writing from the Registrar, no student may take the course in Accountancy II until he has passed the final examination in Accountancy I.

The course consists of two lectures, each of one hour's duration, and one tutorial class of ninety minutes, a week throughout the academic year. It is offered every year, and is given if sufficient students enrol.

A charge of 2s. 6d. a term is made for examples.

The following syllabus is tentative, as the scope and content of this course may be changed in 1952.

Synopsis of topics:

Fuller treatment of topics of Accountancy I, and, in addition—Advanced company accounts; reconstructions, amalgamations and absorptions; accounts of holding companies and their subsidiaries; trustees', liquidators', receivers' and executors' accounts; accounts and statements relating to bankruptcy; foreign branch accounts and the treatment of foreign currencies in accounts; the double account

system; accounts of banks and insurance companies; fire losses and loss of profits insurance; special forms of accounts; plant and machinery ledgers; accounts of pastoralists, builders and contractors; mechanized accounting; planning of accounting systems; classification of accounts; form and content of published accounts; investigations and special reports; the valuation of shares in companies.

*Auditing*—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; goodwill; secret reserves; special considerations in different classes of audits; auditors' certificates and reports.

Ethics and etiquette of the accountancy profession.

Text-books:

- Carter, R. (ed.), *Advanced accounts* (Australasian edition) (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 edition) (Pitman).

Books recommended for reference:

- Ward, H. L., *Commonwealth final accounting and auditing exercises* (Hassell).  
 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.).  
 Fitzgerald, A. A., *Statistical methods as applied to accounting reports* (Accountants' Pub. co.).  
 Littleton, A. C., *Accounting evolution to 1900* (Amer. Inst. Pub. co.).  
 Cocke, H., *Summary of principal legal decisions affecting auditors* (Gee).  
 Sanders, T. H., Hatfield, H. H., and others, *Statement of accounting principles* (Amer. Inst. of Accountants).

Examination: Three 3-hour papers.

### 483. Accountancy III.

The course consists of two lectures, each of one hour's duration, and one supplementary lecture and tutorial of 2 hours' duration, a week throughout the academic year. The course will be offered each year and will be given if sufficient students enrol.

Candidates may be required to satisfy the lecturer that they have sufficient general knowledge of accountancy principles to enable them to undertake satisfactorily the work of the course.

Synopsis of topics:

General principles and object of cost accountancy; relation to general accounting, and current types of cost systems; development of accounting systems to provide control of cost records, monthly profit and loss statements and balance sheets; principles to be considered in the installation of cost systems; classification of accounts; presentation of cost statements, and design of appropriation forms; mechanical aids to cost accounting; plant and tool records; general organisation of industrial concerns and organisation charts; production control; budgetary control; standard cost methods; relationship between costs and selling prices; cost accountants' approach to small industries.

Methods of purchasing, storing, receiving, issuing, pricing and control of materials; stock ledgers and perpetual inventories; control of stock ledgers by accounting system; methods of taking inventory; treatment of surplus, short, damaged and obsolete stock; classification of stocks; design of necessary records for stock control.

Methods of timekeeping and the allocation of labour charges to costs; methods of remuneration; employment records and statistics; time and motion study; calculation of efficiencies; design of forms necessary for wages records, labour analysis and personal records.

Classification of expense—manufacturing, selling, distributing and administrative; methods of calculating depreciation; consideration of obsolescence; allocation of expense to departments and/or units; treatment of under-absorbed

and over-absorbed manufacturing expense; control of expense; design of forms necessary for recording and analysing expense.

Text-books:

Dohr, J. L., and others, *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 dealing with the elements of Jurisprudence and the principles of Constitutional Law.

Text and reference books will be prescribed at the beginning of the course of lectures.

486D. Commercial Law II (Diploma Course).

Candidates must have passed in Commercial Law I (Diploma Course) before enrolling for this course; and it is very desirable that Accountancy I, if not already completed, be taken concurrently.

The course comprises two lectures a week throughout the academic year and consists of three parts:

A. About twenty-eight lectures and regular tutorials on company law and some aspects of bankruptcy law;

B. Fifteen lectures (supplemented by fifteen tutorial classes) on income tax law and practice;

C. About thirteen lectures on the following:—

1. The nature and organisation of business; constitution and types of the business unit.
2. The modern office: its functions and organisation; office administration; planning office routine; office layout; correspondence and filing systems; mechanical aids and systems.
3. Banking services and procedure; advances and securities.
4. Commercial arbitration; meetings.
5. The stock exchange: constitution, purposes and procedure.
6. Marketing; import and export trade; wholesale and retail trading; some aspects of business management: purchase, selling and administrative.

Text-books:

For Section A:

Collins, C. M., *Australian company law* (Sydney Law Book co.).

Charlesworth, J., *Principles of company law* (Stevens).

For Sections B and C:

Campbell, W., and Lemmon, R. B., *Business practice and principles* (Pitman).

Gunn, J. A. L., and O'Neill, R. E., *Guide to Commonwealth income tax* (Butterworth).

The Commonwealth Income Tax and Social Services Contribution Assessment Act (including amendments to 30th June, 1952).

For reference:

Hannan, J. P., *Treatise on the principles of income taxation* (Sydney Law Book co.).

Gunn, J. A. L., *Commonwealth income tax law and practice* (Butterworth).

Gunn, Berger and Greenwood, *Private company taxation* (2nd ed.) (Butterworth).

Stephenson, J., *Principles and practice of commerce* (Pitman).

Rowland, S. W., and others, *Office organisation and management* (Pitman).

Gourlay, H. R., *Office organisation and management* (Rydge's Business Journal).

Yorston, R. K., and Fortescue, E. E., *Australian secretarial practice and manual of company law* (Sydney Law Book co.).

Timms, J. C., *Time-payment trading and accounts* (Pitman).

Joske, P. E., *Law and procedure at meetings in Australia* (Sydney Law Book co.).

*Handbook of business administration* (McGraw Hill).

Rydge's Business Journal.

#### 487D. Commercial Law III (Diploma Course).

The course will consist of two lectures a week throughout the academic year, and will be offered for the first time in 1951 if sufficient students enrol.

It will cover such of the following topics as the lecturer may select: Bankruptcy; partnership; trusts and trustees; wills, executors, etc.; industrial law; receivers; landlord and tenant; mortgages; arbitration law; bills of sale; hire-purchase law; patents and copyrights.

#### 489D. Economics (Diploma Course).

A candidate for the Diploma in Commerce or in Public Administration 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.

### DIPLOMAS IN COMMERCE AND PUBLIC ADMINISTRATION

As from December 1, 1956, the Diplomas in Commerce and Public Administration will be abolished. Those students who had enrolled in the course for either Diploma in or before the year 1951 may, however, complete the course for the Diploma by that date.

It is not proposed, however, that the subjects for those Diplomas be continued without amendment during the years 1952 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
Political Institutions } Public Finance }	Political Science

\*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.

The old course in Public Administration will be provided in 1952 and the course in Political Institutions will comprise the first two terms' lectures in Political Science.

#### 495. Political Institutions

This 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).

Stewart, M., *The British approach to politics* (Allen and Unwin).

Jennings, W. I., *The British constitution* (Cambridge).

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* (Melbourne Univ.).

Michels, R., *Political parties* (The Free Press).

Hocking, W. E., *Freedom of the press* (Univ. Chicago).

#### 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 1952 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:

Pffner, J. M., *Public administration* (Ronald).

Warren, J. H., *English local government system* (Allen and Unwin).

*Journals* of the English and Australian Institute of Public Administration.

### 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-YEAR COURSE.

##### 501 and 501a. Theoretical Inorganic Chemistry.

The course is divided into two parts, namely (a) 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 (b) a special course of lectures on the inorganic salts of the British Pharmacopoeia, including the methods for their preparation and assay (501a). The latter class meets on Wednesday evenings throughout the three terms. Papers will be set on the subject matter of each of the two parts of the course.

Synopsis.—(a) (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.

(b) (501a) 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 pharmaceutical substances.

Books recommended:

- Denham, H. G., *Inorganic chemistry* (Arnold); or  
 Partington, J. R., *Textbook of inorganic chemistry* (Macmillan).  
 Lupton, A. W., *Aids to the mathematics of pharmacy* (Baillière, Tindall and Cox).  
 Bentley, A. D., and Driver, J. E., *Textbook of pharmaceutical chemistry* (O.U.P.).

#### 502. Practical Inorganic Chemistry.

Subject-matter:

- (a) The preparation of simple inorganic salts.  
 (b) The examination of the appearance and chief characteristics of simple salts of pharmaceutical interest.  
 (c) The detection of metallic and acidic constituents in a simple salt; the examination of B.P. salts for common impurities; micro-analytical methods of a qualitative nature.  
 (d) Simple volumetric estimations involving the use of standard solutions of acids and alkalis; 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.

Book recommended:

- Appleyard, F. N., and Lyons, C. G., *Practical pharmaceutical chemistry* (Pitman).

### SECOND-YEAR COURSE

#### 503. 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.

Book recommended:

- Macbeth, A. K., *Organic chemistry* (Longmans).

#### 504. Practical Organic Chemistry.

Subject-matter:

- (a) The determination of melting-points, boiling-points, refractive indices, and specific gravities.  
 (b) The preparation and examination of some simple organic compounds.

(c) The detection and assay of salts of simple organic acids and bases; reactions of quinine, strychnine, brucine, and morphine; detection of urinary constituents; characterization 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.

#### 505. Elementary Pharmacy (Pharmacy I).

##### THEORY AND PRACTICAL.

**PRACTICAL WORK.**—A record of all work done in the laboratory must be kept in an approved notebook. These records will be inspected at the conclusion of each session and must be produced at the examination.

##### Subject-matter:

The weights and measures of pharmacy and exercises thereon.

An introductory treatment of the drugs and galenicals of the British Pharmacopoeia.

An introductory treatment of the subject-matter prescribed in Dispensing (512).

An introduction to the history of pharmacy.

Pharmaceutical ethics; the relationship of pharmacists one to another, to other professions, and to the public.

An examination will be held at the completion of the course.

##### Text-books:

*British pharmacopoeia* (Constable).

Bentley, A. O., *Text-book of pharmacy* (Baillière, Tindall and Cox).

Cooper, J. W., and Dyer, F. J., *Dispensing for pharmaceutical students* (Pitman).

#### THIRD YEAR COURSE.

#### 506. Forensic and 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 showing cost of goods sold and stockturn; 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 frame work of model dispensing profit and cost account and combined scrip and cost book with explanations of bases of allocation covering materials, overhead, percentage basis and fluctuating overhead; contrast with basis of allocation for fixed overhead.

Notes on 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).

Pharmaceutical code of ethics, scope and function of pharmaceutical organisations and reciprocity between States.

General law covering contracts, sale of goods summarised; review of the various important sections of the Pharmacy Act 1935-1947 (Consolidated); copies handed to students.

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 contacts, invoices, statements, etc.

#### 507. Volumetric Analysis and Drug Assay (Pharmacy II).

Subject-matter:

(a) Solutions (other than simple acids and alkalis) employed in volumetric analysis.

(b) Drug assay methods standard in B.P. practice; standardization of preparations containing purified alkaloids.

(c) Quantitative limit-test for lead and arsenic in specified drugs and household chemicals.

#### 508. Botany.

The course consists of (a) the lectures and practical work prescribed for first-year medical students (vide Syllabus No. 323); and (b) a special course of lectures and practical work dealing with the classification of the plant kingdom, with special reference to the production and distribution of their economic products.

Book recommended:

Mangham, S., and Hockley, A. R., *Biology for pharmaceutical students*.

For reference:

Black, J. M., *Flora of South Australia* (Government Printer, Adelaide).

### FOURTH-YEAR COURSE.

#### PHARMACY III.

EXAMINATIONS in Pharmaceutical Science include both practical and theoretical papers in A. Dispensing, B. Materia Medica and Pharmacy. These must be taken as a complete unit, and a separate pass is not given in any section.

PRACTICAL WORK.—A record of all work done in the laboratory must be kept in an approved note book. These records will be inspected at the conclusion of each daily session throughout the year, and must be produced at the examination.

#### 509. Pharmaceutical Materia Medica A.

Subject-matter:

Drugs of British Pharmacopoeia of vegetable and animal origin and such others that 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; examination of surgical dressings.

A wide range of macroscopic and microscopic specimens will be available for lecture demonstration.

#### 510. Pharmaceutical Materia Medica B. (Biological Standardisation of Drugs, etc.)

Fourth Year Students will be required to attend a course comprising:

The elementary principles of biological standardisation of drugs, hormones, and biological products; the elements of nutrition and of bacteriology as applied to pharmacy, as is implied in the recognition given in the British Pharmacopoeia, 1932, to foods, food accessories, and sera, and the handling and storing of same.

The class meets on Wednesdays, from 7.30 p.m. till 9.30 p.m., during the first and second terms. Students must perform the work of the course to the satisfaction of the lecturers.



Subject-matter:

### 511. Pharmacy.

The theory and practical application of the principles involved in the methods of disintegration, comminution, pulverization, 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, decolourization, trituration, elutriation, levigation, and such other processes which enter into the first, second, and third year's study.

Subject-matter:

### 512. 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 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 sterilization, sterilization 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* (Constable).

*British pharmaceutical codex* (Pharmaceutical press).

Bentley, A. O., *Text-book of pharmacy* (Baillière, Tindall and Cox).

Cooper, J. W., and Dyer, F. J., *Dispensing for pharmaceutical students* (Pitman).

Trease, G. E., *Textbook of pharmacognosy* (Baillière, Tindall and Cox).

Book for reference:

Martindale, W. H., and Westcott, W. W., *Extra pharmacopoeia* (Lewis).

## 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, Trench 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 divisions are:

**PERSONAL HYGIENE**—Hygiene of the muscular and skeletal systems, of nutrition, of the respiratory system, of the circulatory system, of the excretory system, of the nervous system, of the ear, eye, nose and throat. Sexual hygiene, infectious diseases, ductless glands, teeth, and skin.

**DOMESTIC HYGIENE**—Infants and young children; air ventilation and sunlight; food and its preservation; beverages.

**SOCIAL AND INDUSTRIAL HYGIENE**—Buildings and their equipment; accidents, morbidity, and mortality of different occupations; physically and mentally defective children; dust, noises, gases.

PROBLEMS—Enuresis, epilepsy, cancer, tuberculosis, heart disease, heredity and environment; youth employment; restatement of objective, and further reading.

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).

#### 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' schools*—2nd Edition, 1941 (London Univ. pr.).

Williams, J. F., and Brownell, C. L., *Administration of health and physical education* (Saunders).

Halliday, R. E., and Gordon, K. M., Education Department of Western Australia, *Physical education for primary schools* (1942), and *Pictorial handbook to physical education for primary schools* (1945).

*Physical and recreational training for Australian Women's Services.*

**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).

**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:

- 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 a series of lectures is given on educational psychology, with particular reference to aspects of human development and behaviour of special concern to students of physical education. In the first term special attention is given to tests and measurement and elementary statistical methods as an aid to interpretation of modern research in physical education. 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.

No text-books are prescribed, but the following are recommended for reading and reference:

- 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).  
 Pressey, S. L., and Robinson, F. T., *Psychology and the new education* (Harper, Revised, 1944).  
 Jersild, A. T., *Child psychology* (Prentice Hall, 1944).  
 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. 43.

## (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. 44.

## (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; 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."

## Books of reference:

- Trevelyan, G. M., *English social history* (Longmans).  
 Webb, S. J. and B., *English local government*, Vols. I 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).  
 Calvert, E. R., *Law breaker* (Routledge).  
 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.).

Other references will be given in the course of the lectures.

## For preliminary reading:

- Ashley, W. J., *Economic organisation of England* (Longmans).  
 Newman, G., *The building of a nation's health* (Macmillan).  
 Simey, T. S., *Principles of social administration* (Institute of Public Administration).  
 Cole, G. D. H., and H. I., *The condition of Britain* (Gollancz, Ryetson Press, 1937).  
 Weber, A. F., *The growth of cities* (Longmans, 1899).  
 Strachey, R., *The cause*.  
 Booth, C. (ed.), *Life and labour of the people in London*.  
 Lowndes, G. A. N., *New survey of London life and labour*, Vol. I.

## 555. Principles and Practice of Social Work I and II.

## (a) PRINCIPLES AND PRACTICE OF SOCIAL CASE-WORK.

*First Year.*

Two hours a week throughout the academic year.

SYLLABUS.—A brief historical survey of social work and of the development of social case work; definition, method and scope of social case work and its relation to social group work, social reform, community planning and social research;

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; case recording; co-ordination in social work and use of central index.

Case material is used to illustrate principles, and opportunities are given for students to discuss their own problems from the field.

*Second Year.*

Two 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 (foster-home placement, institutional care, treatment of the delinquent, adoption, etc.); The problem of ageing and infirmity. Administration of social agencies. Community organization.

A short course of lectures on the contribution and relation of psychiatry to social work will be given by a psychiatrist.

If possible, opportunities will be offered for social research.

**Books of reference:**

- Hamilton, G., *Theory and practice of social case work* (Columbia Univ. pr.).  
 Hamilton, G., *Social case recording* (Columbia Univ. pr.).  
 Bristol, M. C., *Handbook on social case recording* (Chicago Univ. pr.).  
 Sheffield, A., *Social case history* (Russell Sage Foundation).  
 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).  
 Garrett, A. M., *Case work treatment of a child* (Family Welfare Assoc. of America).  
 Taft, J. (ed.), *Family case work and counseling, a functional approach* (Univ. of Pennsylvania pr.).  
 Sayles, M. B., *Substitute parents* (N.Y. Commonwealth Fund).  
 Reynolds, B. C., *Between client and community* (Smith College studies in social work).  
 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).  
 Watson, J. A. F., *The child and the magistrate* (Jonathan Cape, 1942).  
 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*.  
 Feversham Committee, *The voluntary mental health services*.  
 Annual proceedings of national conference of social work (Columbia Univ. pr.).  
*The Social Work Year Book* (Russell Sage Foundation).

**Periodicals:**

- Journal of Social Case Work.*  
*Social Service Review.*  
*Social Work.*  
*British Journal of Psychiatric Social Work.*



References to additional reading will be given in the lectures and classes for case discussion.

(b) PRINCIPLES OF GROUP WORK.

A short course of lectures and discussions will be given if a lecturer is available. Otherwise arrangements will be made for students interested in group work to take a one-month intensive course of study and practical work in Melbourne under the supervision of the Group Work Tutors, Board of Social Studies, University of Melbourne.

This course is an 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.

Books of reference:

- Slavson, S. R., *Creative group education* (Assocn. pr.).  
 Slavson, S. R., *Introduction to group therapy* (Assocn. pr.).  
 Leigh, R. D., *Group leadership* (Norton).  
 Coyle, G., *Studies in group behaviour* (Harper).  
 Blumenthal, L. H., *Group work in camping* (Assocn. pr.).  
 National Assoc. for study of group work (ed. Liebermann), *New trends in group work* (Assocn. pr.).  
 Busch, H. M., *Leadership in group work* (Assocn. pr.).  
 Williamson, M., *Social work in group work* (Harper).  
 McCaskill, J. C., *Theory and practice of group work* (Assocn. pr.).  
 Brew, J. M., *In the service of youth* (Faber and Faber).  
 Butler, G. D., *Introduction to community recreation* (McGraw Hill).

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 social interaction: social nature of man; tendency to form groups; interests; the individual and society; co-operation and conflict; social order; personality and the social order.

Social structure: society and community; institutions and associations; statuses; culture and civilisation; structure of primitive society; growth of societies; the modern state.

Social control: custom, morals, religion, law, convention, fashion, public opinion, education and propaganda. Social controls in primitive society.

Social change: biological, geographical, technological and cultural factors; social development; social values and cultural trends; migration and assimilation. Social disorganisation; theory of cultural lag; social problems; social planning.

Comparative study of some social institutions: marriage and the family; the state; social class; property; justice.

Unity of society; 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.

Textbook:

Martindale, D., and Monechesi, E. D., *Elements of sociology* (Harper).

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).  
 Bartlett, F. C., and others, *Study of society* (Paul, Trench, Trubner).  
 Mowrer, E. R., *Family: its organization and disorganization* (C.U.P., 1934).  
 May, G., *Social control of sex expression* (Allen and Unwin).  
 Mess, H. A., *Social structure*.  
 Myrdal, A., *Nation and family*.  
 Mannheim, H., *War and crime* (Watts).  
 Mannheim, K., *Man and society* (Paul, Trench, Trubner).  
 von Hentig, H., *Crime: causes and conditions* (McGraw Hill).  
 Tappan, P. W., *Juvenile delinquency* (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).  
 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).  
 Beaglehole, E., *Property* (Allen and Unwin).  
 Benedict, R., *Patterns of culture* (Houghton, Mifflin).  
 Perry, *Growth of civilisation* (Penguin).  
 Frazer, J. G., *Golden bough* (Macmillan).  
 Marett, R. R., *Threshold of religion* (Methuen).  
 Webb, S. and B., *Methods of social study* (Longmans).  
 Zimmerman, C. C., *Family and civilization* (Harper).  
 Sorokin, P. A., *Social mobility* (Harper).  
 Sorokin, P. A., *Contemporary sociological theories* (Harper).  
 Wells, A. F., *The local social survey in Great Britain* (Allen and Unwin).  
 Titmuss, R. M., *Problems of social policy* (H.M.S.O.).  
 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).  
 Eggleston, F. W., *Search for a social philosophy* (Melbourne Univ. pr.).  
 Articles in *Encyclopaedia of the Social Sciences*.  
*British Journal of Sociology* (Routledge, Kegan Paul).

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.**—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; motivation; feeling and emotion; learning; intelligence. Social factors in human nature. Intelligence tests; mental deficiency. The processes of socialization. Social interaction: the individual in the group; imitation; suggestion; 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; prejudice; concepts of role and status; cultural determinations in the development of personality. Genetic approach to the study of personality; social maturity and factors conducive to mental health. Integration and dissociation of personality. Psychological processes involved in social change; attitudes—formation and change; leadership. 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).  
 Miller, N. E., and Dollard, J., *Social learning and imitation* (Paul, Trench and Trubner).  
 Murphy, G. and L., *Experimental social psychology* (Harper).  
 Hart, B., *Psychology of insanity* (C.U.P.).

## (b) Books of reference:

- La Piere, R. T., and Farnsworth, P. R., *Social psychology* (2nd ed.) (McGraw Hill).  
 Krech, D., and Crutchfield, R. S., *Theory and problems of social psychology* (McGraw Hill).  
 Sherif, M., *Outline of social psychology* (Harper).  
 Louttit, C. M., *Clinical psychology of children's behaviour problems* (Harper).  
 Linton, R., *Cultural background of personality* (Paul, Trench and Trubner).  
 Cantril, H., *Psychology of social movements* (Wiley).  
 Young, K., *Handbook of social psychology* (Paul, Trench, Trubner).  
 Mead, R., *From the South Seas* (Morrow).  
 Murphy, G., *Briefer general psychology* (Harper).  
 Ginsberg, M., *Psychology of society* (O.U.P.).  
 Allport, G. W., *Personality* (Constable).  
 Jennings, H. S., *Biological basis of human nature* (Faber).  
 Burt, C. L., *Young delinquent* (Uni. of London pr.).  
 Burt, C. L., *Subnormal mind* (O.U.P.).  
 Hollingworth, L. A., *Psychology of the adolescent* (King).  
 Penrose, L. S., *Mental defect* (Sidgwick).  
 Curti, M. W., *Child psychology* (Longmans).  
 Benedict, R., *Patterns of culture* (Houghton, Mifflin).  
 Miller, H. C., *Psycho-analysis and its derivatives* (O.U.P.).  
 Gordon, R. G., and others, *Introduction to psychological medicine* (O.U.P.); or  
 Fisher, V. E., *Introduction to abnormal psychology* (Macmillan).

## (c) For preliminary reading:

- Wilson, I. G. H., *Psychology in general nursing* (Arnold).  
 Cattell, R. B., *Your mind and mine* (Harrap).  
 Murray, H. A., *Explorations in personality* (O.U.P.).  
 Kluckhohn, C., and Murray, H. A., *Personality* (Cape).  
 Cantril, H., and others, *Gauging public opinion* (Oxford, 1944).  
 Hadfield, J. A., *Psychology and mental health* (Allen and Unwin).  
 Newcomb, T. M., and Hartley, E. L., *Readings in social psychology* (Henry Holt and Co., N.Y.).  
 Freud, S., *Group psychology and the analysis of the ego* (Hogarth).

## 558. Social Organisation.

One lecture a week throughout the academic year.

This course is given in alternate years, and will be given in 1951.

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, etc.; (3) *Housing*; (4) *Public Health*; (5) *Labour*: workmen's compensation; employment services; vocational guidance; (6) *Social Security*: unemployment allowances and other relief; 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. Human Nutrition.**

One lecture or lecture-demonstration a week throughout the academic year.

After a general introduction, the course deals with the following main divisions of the subject: The elementary chemistry of energy-providing foodstuffs; energy and protein requirements of the body; the mineral constituents of the diet; accessory food factors; the processes of digestion, absorption and excretion; 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 will be expected to attend and pass an examination in a special course in elementary chemistry concurrently with the course in Human Nutrition. 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 and Dawbarn, *Food composition tables* (C.S.I.R. Bulletin, No. 178).

Other references will be given during the course of the lectures.

**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.**—A course of lectures, demonstrations and practical classes during the first and third terms.

**EMBRYOLOGY.**—A course of about 50 lectures during the second and third 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).

## 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.**—History and development of massage. Theory of massage manipulations; their effects and uses. Description of general massage and of that used for particular surgical conditions and contra-indications.

**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. Growth of Chartered Society of Physiotherapy. The Australian Physiotherapy Association; its relation to medical profession.

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. See syllabus No. 557.

**SECOND-YEAR COURSE****581. Anatomy.**

**ANATOMY.**—Lectures on the topographical anatomy of the head and neck during the first term. Revision course in human anatomy during the second term.

**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* (Baillièrè, Tindall and Cox).

Jones, F. Wood, *Structure and function as seen in the foot* (Baillièrè, 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; synovitis; arthritis; burns, scars, pressure sores; amputations; conditions affecting muscular, nervous, digestive, circulatory and respiratory systems; 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, etc.

Text-books:

Angove, H. S., *Remedial exercises for certain diseases of the heart and lungs* (Faber).

Randall, M., *Training for childbirth* (Churchill).

Tidy, N. M., *Massage and remedial exercises in medical and surgical conditions* (Wright).

Reference book:

Naylor, A., *Fractures and orthopaedic surgery for nurses and masseuses* (2nd ed.) (Livingstone).

### 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.

### 584. Medical Electricity.

The course consists of one lecture a week for three terms and practical work for one hour a week for one term.

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:**

Morris, H., *Medical electricity for massage students* (3rd ed., Churchill).

**Reference books:**

Kovacs, R., *Electric therapy and light therapy* (Kempton).

Clayton, E. B., *Electro therapy and actino therapy* (Baillièrè, Tindall and Cox).

Osborne and Holmquest, *Technic of electro therapy* (Baillièrè, Tindall and Cox).

**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 385 hours.

**B. IN-PATIENTS.**—Two hours every morning during the third term.

**C. STUDENTS WORKING ON EACH OTHER.**—Ten hours in bandaging and practical electrical stimulations.

**D. QUEEN VICTORIA MATERNITY HOSPITAL.**—Students are divided into groups which attend in rotation one morning a week during the second and third terms.

**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. A brief outline of normal child development and posture. Treatment of diseases of children, cerebral palsies, Erb's palsy, congenital torticollis, talipes, etc.**

**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. Demonstrations in muscle re-education are given for one hour each week during the three terms. The students work approximately 38 hours a week, a total of 630 hours.

**B. At the Adelaide Children's Hospital:**

The course comprises thirty-six 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).



### TIME-TABLES FOR 1952

By decision of the Council, classes on Monday and Friday afternoons in 1952 that would normally have been held between 2 p.m. and 5 p.m. 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 1952**  
**FACULTY OF ARTS**

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	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	— 5.15-7.15	11	—
6, 7	Latin II and III	12	12	12**	12	—	—
9	Comparative Philology	5	—	—	5	—	—
	Honours Classics			Times to be arranged			
16	English I	Day Night	12 5.15	—	— 5.15	11	—
17	English II	Day Night	—	And times to be arranged		—	12 5.15
18	English III	And times to be arranged		—	5.15	—	—
	English Honours	Times to be arranged				—	—
26	French I—Lectures	Day Night	—	10 5.15	—	10 5.15	—
	Oral Even Years	—	—	—	—	—	9-10*
	Oral Odd Years	—	6-7°	—	—	—	—
27	French II—Lectures	—	10	—	10	—	—
	Oral	Times to be arranged				—	—
28	French III—Lectures	—	—	10	—	10	—
	Oral	Times to be arranged				—	—
	Old and Middle French I and II and French Honours	Times to be arranged				—	—
36	German I	—	—	5	—	5	9
37	German II	5	—	5	—	—	9
38	German III			Times to be arranged			
41	History IA	Even Years Odd Years	— 10 5.15	—	10 5.15	—	—
42	History IB	Even Years Odd Years	— 5.15 10	—	5.15 10	—	—
43	History IC	Even Years Odd Years	— 10 5.15	—	10 5.15	—	—
44	History IIA	Even Years Odd Years	10 5.15	—	—	10 5.15	—
45	History IIB	Even Years Odd Years	5.15 10	—	5.15 10	—	—
46	History III	Even Years Odd Years	— 10 5.15	—	10 5.15	—	—
47	Political Science	Even Years Odd Years	5.15 10	—	—	5.15 10	—
48	International Relations	Even Yrs. Odd Years	10 5.15	—	—	5.15 10	—

\* Plus one hour to be arranged.

\*\* Latin III, third term only.

FACULTY OF ARTS - Continued

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
49	History and Political Science Honours			Times to be arranged			
51	Economics I	5.15	—	—	5.15	—	—
	Even Years	—	—	12	—	12	—
	Odd Years	—	—	—	—	—	—
52	Economics II	—	—	10	—	10	—
	Even Years	—	—	5.15	—	5.15	—
	Odd Years	—	—	—	—	—	—
53	Economics III	—	—	5.15	—	5.15	—
	Even Years	—	—	10	—	10	—
	Odd Years	—	—	—	—	—	—
54	Social Economics	—	—	12	—	12	—
	Even Years	5.15	—	—	5.15	—	—
	Odd Years	—	—	—	—	—	—
55	Economics Honours			Times to be arranged			
56	Economic Statistics I	—	—	12	—	12	—
57	Economic Statistics II			Times to be arranged			
58A	Economic Geography	7.15	—	—	7.15	—	—
58	Geography I—Lectures	—	11	—	11	—	—
	Even Yrs.	5.15	—	—	—	5.15	—
	Odd Years	—	—	—	—	—	—
	Practical*	—	—	12(A)	10(B)	—	—
	Even Years	7(A)	—	—	—	4.15(B)	—
	Odd Years	—	—	—	—	—	—
59	Geography II—Lectures	4.15	—	—	4.15	—	—
	Practical	—	—	—	5.15	—	—
60	Geography III	7.15-9.15	—	—	5.15	—	—
60A	Geography Honours			Times to be arranged			
61	Philosophy I	Day 10 5.15	—	—	—	10 5.15	—
66	Philosophy (Special)	Night 6.15	—	—	—	6.15	—
69	Elementary Psychology	Day Night	10 5.15	—	10 5.15	—	—
70	General Psychology—Lectures	Day Night	10 5.15	—	10 5.15	—	—
	Practical			Times to be arranged			
76	Education	Day Night	2 5	—	2 5	—	—
				DIPLOMA IN EDUCATION			
77	Hygiene	9	—	—	—	—	9
78	Educational Psychology II	—	—	—	—	—	10
79	Pre-Primary Education II	4.30	—	—	—	—	—
80	Primary Education III	—	—	5	—	—	11
81	Secondary Education	—	—	—	—	—	11

\* A candidate must attend either session (A) or session (B).

NIGHT LECTURES  
FACULTIES OF ARTS AND SCIENCE

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
158	Biology—Lectures .....	—	—	6.15	—	6.15	—
	Practical .....	—	—	7.15-9.15	—	7.15-9.15	—
151	Botany I—Lectures .....	—	6.15	—	6.15	—	—
	Practical .....	—	7.15-9.15	—	7.15-9.15	—	—
111	Chemistry I—Lectures .....	5.15	—	5.15	—	5.15	—
	†Practical (at S.M.) .....	—	—	7.15-10	—	7.15-10	—
52	Economics II .....	—	—	5.15	—	5.15	—
56A	Economic Geography .....	7.15	—	—	7.15	—	—
76	Education .....	—	5	—	5	—	—
16	English I .....	5.15	—	5.15	—	—	—
17	English II .....	And times to be arranged				5.15	—
26	French I—Lectures .....	—	—	5.15	—	5.15	—
	Oral .....	—	6-7°	—	—	—	—
60	Geography III .....	7.15-9.15	—	—	5.15	—	—
141	Geology I—Lectures .....	—	6.15	—	6.15	—	—
	Practical .....	—	5.15	—	5.15	—	—
42	History IB .....	—	5.15	—	5.15	—	—
45	History IIB .....	5.15	—	—	5.15	—	—
47	Political Science .....	5.15	—	—	—	5.15	—
5	Latin I .....	5.15-7.15	—	—	5.15-7.15	—	—
61	Philosophy I .....	5.15	—	—	—	5.15	—
66	Philosophy (Special) .....	6.15	—	—	—	6.15	—
85	Pure Mathematics IA .....	5	—	5	—	5	—
69	Elementary Psychology .....	—	5.15	—	5.15	—	—
70	General Psychology .....	—	5.15	—	5.15	—	—

\* Plus one hour to be arranged.

† 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	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
FIRST-YEAR SUBJECTS—							
85	Mathematics IA—Lectures** ..... Tutorials (1 hour)	10 11	10 9	—	10 9, 11	—	—
101	Physics I—Lectures ..... Practical†	9 10-12	— 10-12	9 10-12	— 10-12	9 10-12	— 9-11
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 (2 sessions)*	—	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)	—	—
161	Zoology I—Lectures ..... Practical	2-5	—	—	2-5	—	—
	Zoology IA (Agric. and Dent.)— Lectures ..... Practical	11	— 2-5	9	—	— 2-5	—
158	Biology—Lectures ..... Practical	—	—	6.15 7.15-9.15	—	6.15 7.15-9.15	—
SECOND-YEAR SUBJECTS—							
89	Mathematics IIA—Lectures ..... Tutorials (1 hour)	9 12	— 10	9 11	—	9 10	—
91	Applied Maths. I—Lectures ..... Tutorials (1 hour)	11	11	— 12	11 10	— 11	—
92	Statistical Methods	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	— 10-12	10 11	—	10 —	—	—
152	Botany II—Lectures ..... Practical	9 —	— 2-5	9 —	— 2-5	—	—
162	Zoology II—Lectures ..... Practical	—	2-5	12 —	— 2-5	12 —	—
171	Biochemistry (1st and 2nd terms) Lectures Practical Third term	10 2-5	—	10 —	—	10 2-5	—
173	Physiology (3rd term)—Lectures Practical	10 2-5	—	—	—	10 2-5	—
175	Bacteriology I—Lectures & Prac.	—	11-1	—	11-1	—	—
179	Histology	—	9-11	—	9-11	—	—

† Practical Physics I: Science students attend two 2-hour periods a week as arranged by the Professor at the beginning of the year.

‡ Class A will be held only if there are more students than can be accommodated in Class B.

\*\* A student who wishes to take both Mathematics I and Botany I will be permitted to do practical work in Botany I from 11 a.m.—1 p.m.

\* A candidate must attend either sessions (A) or sessions (B).

## FACULTY OF SCIENCE - Continued

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	<b>THIRD-YEAR SUBJECTS—</b>						
95	Mathematics IIIA .....	9	—	10-12	—	9	—
96	Mathematics IIIB .....	To be arranged					
97	Applied Mathematics II .....	9	—	9	—	9	—
98	Mathematical Statistics .....	To be arranged					
104	Physics III—Lectures .....	4	4	—	4	—	—
	Practical (9 hours) .....	All day	All day	—	All day	All day	—
117	Inorganic Chemistry III—Lectures .....	—	—	9	—	9	—
118	Practical (9 hours) .....	—	All day	—	All day	—	—
119	Organic Chemistry III—Lectures .....	—	10	—	10	—	—
120	Practical .....	All day	—	Morning	—	All day	—
144	Geology III—Lectures .....	10, 4	—	10	—	10	—
	Practical .....	All day	—	Morning	—	All day	—
147	Palaeontology .....	Times to be arranged					
153	Botany III—Lectures .....	9	—	9	—	9	—
	Practical .....	—	2-5	—	All day	—	—
159	Genetics .....	To be arranged					
162	Zoology III—Lectures .....	12	—	12	—	12	—
	Practical .....	Morning	All day	—	All day	—	—
173	Physiology (1st and—Lectures .....	10	—	10	—	10	—
	2nd terms) Practical .....	2-5	—	—	—	2-5	—
	Third term—Lectures .....	—	10	11	10	—	—
	Practical .....	—	2-5	—	2-5	—	—
176	Bacteriology II—Lectures .....	12	—	12	—	12	—
	Practical (9 hours) .....	To be arranged					

FACULTY OF ENGINEERING

Note: Where alternative periods are shown, a candidate may be directed to attend at a particular period.

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
111	PRELIMINARY YEAR FOR MINING AND METALLURGY— Chemistry I— Lectures ..... Practical .....	12 2-5	—	12 —	— 2-5	12 —	—
85	Pure Mathematics IA— Lectures ..... Tutorial (1 hour) .....	10 11	10 —	—	10 11	—	—
101	Physics I— Lectures ..... Practical (3 hours) .....	9 —	— 2-5	9 2-5	—	9 —	—
FIRST-YEAR COURSES—							
232	Antique Drawing I	2-5	—	—	—	—	—
91	Applied Mathematics I— Lectures ..... Tutorial (1 hour) .....	11 —	11 —	— 12	11 —	11 —	—
212	Architectural History I—Lectures Practical	—	5.15 —	— 2-4	—	—	—
219	Building Construction and Drawing I— Lecture ..... Practical .....	—	—	—	—	2 3-5	—
112	Inorganic Chemistry I— Lectures ..... Practical (3 hours) .....	12 2-5	—	—	— 2-5	12 —	—
113 114b	Inorganic Chemistry II— Lectures ..... Practical .....	—	9 12-5	—	9 —	— 12-5	—
230	Drawing I	—	11-1	10-12	—	—	—
248	Engineering Drawing I (4 hours)	—	11-1	10-12	1-5	—	—
246	First Aid*— Lectures (as notified) ..... Practical (2 hours) .....	—	5 To be arranged in the evening	—	—	—	—
247	General Engineering	—	—	—	—	11	—
85	Pure Mathematics IA— Lectures ..... Tutorial (1 hour) .....	10 11	10 —	—	10 11	—	—
89	Pure Mathematics IIA Lectures ..... Tutorial (1 hour) .....	9 12	— 10	9 11	—	9 —	—
101	Physics I—Lectures ..... Practical (3 hours) .....	9 —	— 2-5	9 2-5	—	9 —	—
276	Surveying I— Lectures ..... Practical .....	—	— 2-5	—	9 —	—	—
286	Workshop Practice I— Lecture ..... Practical (3 hours) .....	— 2-5	—	—	—	10 2-5	—

\* First Aid may be taken in any year.

## FACULTY OF ENGINEERING — Continued

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
SECOND-YEAR COURSES—							
91	Applied Mathematics I—						
	Lectures .....	11	11	—	11	—	—
	Tutorial (1 hour) .....	—	—	12	—	11	—
239	Architectural—Measured Drawing and Sketching .....	—	—	—	—	—	9-12
213	Arch. History II—						
	Lecture .....	—	—	5.15	—	—	—
	Practical .....	2-4	—	—	—	—	—
236	Geom. Projection and Rendering .....	—	2-5	—	2-5	—	—
220	Building Construction and Drawing II—						
	Lecture .....	—	—	—	—	2	—
	Practical .....	—	—	—	—	3-5	—
241	Electrical Engineering I—						
	Lectures .....	—	—	—	10	10	—
	Practical (3 hrs.) † .....	2-5	—	—	—	—	—
249	Engineering Drawing II ‡—						
	Lecture .....	10	—	—	—	—	—
	Practical .....	—	2-5	—	—	—	—
141	Geology I—						
	Lectures .....	—	—	11	—	11	—
	Practical* .....	—	12(A)	10(B)	12(A)	10(B)	—
89	Pure Mathematics IIA—						
	Lectures .....	9	—	9	—	9	—
	Tutorial (1 hour) .....	12	10	11	—	—	—
117a	Physical Chemistry III †—						
	Lectures .....	—	—	9	—	9	—
	Practical .....	2-5	—	—	10-5	—	—
246	Physical Metallurgy I—						
	Lecture .....	11	—	—	—	—	—
	Practical .....	—	—	2-5	—	—	—
103	Physics II (B.E. Course)—						
	Lectures .....	—	12	—	12	—	—
	Practical (3 hours) .....	—	2-5	—	2-5	—	—
274	Strength of Materials—						
	Lectures .....	—	9	—	9	—	—
	Practical .....	—	—	—	—	2-5	—

§ Met. and Chem., and Mining students do two terms Drawing Classes only.

\* Candidates must attend either (A) or (B).

† For two terms only.

‡ One term only.



FACULTY OF ENGINEERING – Continued

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
THIRD-YEAR COURSES—							
233	Antique Drawing II .....	2-5	—	—	—	—	—
209	Architectural Theory Construction and Practice I—Lect. Pract. ....	10-1	—	—	—	9	—
214	Architectural Design I .....	6.30-9.30	6.30-9.30	—	—	—	—
221	Civil Engineering I— Lectures .....	—	9	—	11	—	—
	Laboratory † (3 hours) .....	2-5	—	9-12	—	—	—
	Drawing Office .....	—	—	—	2-5	—	—
241	Electrical Engineering I— Lectures .....	—	—	—	10	10	—
	Practical (3 hours)° .....	2-5	—	9-12	—	—	—
242	Electronic Engineering IA— Lecture .....	12	—	—	—	—	—
	Practical (3 hours) .....	2-5	—	9-12	—	—	—
	Electronic Engineering IB— Lecture .....	—	—	—	—	9	—
	Practical (3 hours)° .....	2-5	—	—	—	—	—
141	Geology I— Lectures .....	—	—	11	—	11	—
	Practical** .....	—	12(A)	10(B)	12(A)	10(B)	—
143	Geology II, B.E. Course°— Lectures .....	—	10	—	10	—	—
	Practical .....	10-1	11-12	—	—	—	—
224	Hydraulics— Lectures .....	—	—	—	—	9	—
	Practical (3 hrs. term 2 or 3) .....	2-5	—	9-12	—	—	—
245	Industrial Engineering .....	—	—	—	12	12	—
256	Mechanical Engineering I— Lectures .....	—	12	12 †	—	11	—
	Practical (3 hours)° .....	—	2-5	2-5	—	—	—
	Drawing Office (3 hours)° .....	—	2-5	2-5	—	—	—
267	Mining Engineering I .....	9	—	—	—	10	—
261	Process Engineering IA— Lecture .....	10 §	—	—	11	—	—
	Practical (3 hours) .....	—	—	—	2-5	—	—
	Process Engineering IB— Lecture .....	9	—	—	—	—	—
	Practical (3 hours) .....	—	9-12	—	—	—	—
274	Strength of Materials— Lectures .....	—	9	—	9	—	—
	Practical (3 hours) .....	—	—	—	—	2-5	—
277	Surveying IA— Lectures .....	—	—	—	9	—	—
	Practical .....	—	—	—	—	2-5	—
287	Workshop Practice II— Lectures .....	—	—	—	9	—	—
	Practical (3 hours) .....	—	—	—	2-5	2-5	—

\*\* Candidates must attend either (A) or (B).

\* For two terms.

† Second term only.

‡ One term only.

§ Met. and Chem. students only.

## FACULTY OF ENGINEERING — Continued

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	<b>FOURTH-YEAR COURSES—</b>						
210	Architectural Theory, Construction and Practice II—						
	Lectures .....	9	—	9	—	—	—
	Practical .....	10-1	—	—	—	—	—
215	Architectural Design II .....	—	—	—	—	6.30-9.30	9-12
203	Assaying I—						
	Lectures .....	—	—	12	—	—	—
	Practical .....	—	—	2-5	—	2-5	—
221	Civil Engineering I—						
	Lectures .....	—	9	—	11	—	—
	Laboratory* (3 hours) .....	2-5	—	9-12	—	—	—
	Drawing Office .....	—	—	—	2-5	—	—
223	Civil Engineering II—						
	Part A, Lectures .....	9	—	—	9, 10	—	—
	Practical .....	10-1	—	—	—	2-5	—
	Part B, Lectures .....	—	11	9	—	—	—
	Practical (8 hours) .....	2-5	2-5	—	2-5	—	—
	Seminar .....	10-1	—	—	—	—	—
242	Electrical Engineering II—						
	Servomechanisms† .....	9	9	9	9	10	—
	Electronics, Lectures .....	9	—	—	11‡	10, 11	—
	Power, Lectures .....	—	9, 10	—	9, 10	—	—
	Practical† .....	10-1	10-5	2-5	2-5	—	—
	Special Lectures .....	—	—	9**	—	—	—
	Seminar (1st and 3rd terms) .....	—	—	—	—	2-5	—
141	Geology I—						
	Lectures .....	—	—	11	—	11.	—
	Practical .....	—	—	10	—	10	—
224	Hydraulics—						
	Lectures .....	—	—	—	—	9	—
	Practical (3 hours, term 2 or 3) .....	2-5	—	—	—	—	—
245	Industrial Engineering .....	—	—	—	12	12	—

\* One term only.

† Servomechanisms during first eight weeks; thereafter Electronics and Power.

\*\* 10 o'clock for first eight weeks only.

‡ Electronics OR Power.

§ For 18 weeks.

FACULTY OF ENGINEERING – Continued

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	Mechanical Engineering II—						
	1st Term—						
	Part A, Lectures .....	—, 1	10, 11	—	10, 11	—	—
	Practical .....	—	—	—	2-5	—	—
	Part B, Lectures .....	11	—	11	—	11	—
	Practical .....	—	—	—	—	2-5	—
	Seminars and Tutorials .....	9-11 2-5	—	—	—	—	—
	2nd Term—						
	Part A, Lectures .....	—	9, 10, 11	10	—	—	—
	Practical .....	—	—	—	9-1, 2-5	—	—
	Part B, Lectures .....	—	—	9, 11	—	9, 11	—
	Practical .....	11-5	—	—	—	2-5	—
	Seminars and Tutorials .....	9-11	—	—	—	—	—
	3rd Term—						
	Part A, Lectures .....	—	—	—	—	—	—
	Practical .....	—	9-5	—	—	—	—
	Part B, Lectures .....	—	—	—	—	9	—
	Practical .....	11-5	—	—	2-5	2-5	—
	Seminars and Tutorials .....	9-11	—	—	9-11	10	—
262	Process Engineering II—						
	Lectures .....	9	—	9	9, 12	9	—
	Practical .....	10-1 2-5	9-12	10-12	2-5	9-12	—
270	Oredressing <sup>a</sup> —						
	Lectures .....	—	12	—	10	—	—
	Practical .....	—	2-5	—	—	—	—
277	Surveying IA—						
	Lectures .....	—	—	—	9	—	—
	Practical (3 hours) .....	—	2-5	—	—	2-5	—
	<b>FIFTH-YEAR COURSES—</b>						
211	Architectural Theory, Construction and Practice III—						
	Lectures .....	10, 5, 15	—	—	10	—	—
	Practical .....	11-1	—	—	—	—	—
216	Architectural Thesis .....			by arrangement			
	Structural Design—						
	Lectures .....	To be notified		—	—	—	—
	Practical (8 hours) .....	2-5	2-5	—	2-5	—	—

<sup>a</sup> For two terms.

## FACULTY OF AGRICULTURAL SCIENCE

## FIRST YEAR

Physics I  
Chemistry I  
Botany I  
Zoology IA

} See Faculty of Science

## SECOND YEAR

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Agriculture I and Agrostology					2-5	9-1
Agricultural Chemistry I		9-1				
Biochemistry	10, 2-5		10	9-1		
Botany II	9	2-5	9	2-5		
Geology I			11-1		10-1	

## THIRD YEAR

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Agriculture II, Genetics and Plant Breeding		9-12		9-12		
Agricultural Chemistry II	9-5				9-12	
Biometry (first term only)						9-12
Entomology		12, 2-5				
Microbiology			9-1	2-5		
Plant Pathology					12, 2-5	

## FOURTH YEAR

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Agriculture III	10-12				1-3	
Animal Husbandry	{ 8-10 3-5	8-10 3		3	8-10 3-5	8-11
Farm Engineering		1-3*		10-12		
Horticulture		10-12, 1†		1-3‡		10**
Methods of Extension				{ 1-3** 7-10§		
Rural Economics	1-3				10-12	

\* First and second terms only.

† Third term only.

\*\* First term only.

‡ Second term only.

§ Exercises in speaking.

DIPLOMAS IN COMMERCE AND PUBLIC ADMINISTRATION

	Monday	Tuesday	Wednesday	Thursday	Friday
Accountancy I ..... Lectures Tutorial Classes		5.15	To be arranged	6.15	
Accountancy II ..... Lectures Tutorial Classes		5.15	To be arranged	6.15	
Accountancy III ..... Lectures Tutorial Classes	5.15	To be arranged		5.15	
Commercial Law I ....			5.15		5.15
Commercial Law II			5.15		5.15
Commercial Law III		To be arranged			
Public Administration			7.15		6.15

For Economics and Economics Statistics see the Time-Tables of the Faculty of Arts.

DIPLOMA IN PHYSICAL EDUCATION

To be arranged in consultation with the Lecturer-in-Charge

DIPLOMA IN PHYSIOTHERAPY

FIRST YEAR:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9		Anatomy (9-12)		Anatomy (9-12)	9.30. Social Psychology	
10	Social Psychology		Theory of Massage			
11				Theory of Massage <sup>o</sup>		
12						
1						
2	Physics	Anatomy			Anatomy	
3						
4	Theory of Movement†	Physiology		Physiology	Theory of Movement†	

<sup>o</sup> Second and third terms.

† Third term.

## DIPLOMA IN PHYSIOTHERAPY—Continued

## SECOND YEAR:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9	Anatomy	Anatomy	Anatomy	Anatomy	Anatomy	
10						
11	Theory of Massage	Queen Victoria Hospital (11-12.30)	Theory of Movement	Theory of Massage	Theory of Movement	
12						
1	Practice at Royal Adel. Hospital (1-4)		Practice at Royal Adel. Hospital (1-4)		Practice at Royal Adel. Hospital (1-4)	
2				Pathology		
3						
4		Medical <sup>o</sup> Electricity Muscle† Re-education		Muscle† Re-education	Medical <sup>o</sup> Electricity	

<sup>o</sup> First term only.

† Third term only.

Selected medical and surgical lectures: with medical students — notification of times given at the Royal Adelaide Hospital.

Lectures in Theory of Massage, Theory of Movement, and Pathology are held in the Physiotherapy Department, Royal Adelaide Hospital.

Lectures in Medical Electricity will be held in a place to be arranged.

Lectures in Muscle Re-education are held at the Adelaide Children's Hospital.

## THIRD YEAR:

Full-time 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.

Lectures — Muscle Re-education: Tuesdays and Thursdays, at 4 p.m. at the Adelaide Children's Hospital.

## DIPLOMA IN SOCIAL SCIENCE

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Economics I	5.15	—	—	5.15	—	—
Social Economics	—	—	12	—	12	—
History IIB	5.15	—	—	—	5.15	—
Psychology	—	10 or 5.15	—	10 or 5.15	—	—
Hygiene	—	—	—	—	—	9
Social Psychology	10	—	—	—	9.30	—
Sociology	—	—	To be arranged		—	—
Principles of Social Work I	—	—	To be arranged		—	—
Principles of Social Work II	—	—	To be arranged		—	—
Nutrition	—	—	—	—	4	—
Social History	—	—	To be arranged		—	—

FACULTY OF MEDICINE  
FIRST-YEAR COURSE

	Mon.	Tues.	Wed.	Thurs.	Fri.
Physics—Lectures .....	12	—	12	—	12
Practical (3 hours) .....	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

	Mon.	Tues.	Wed.	Thurs.	Fri.
Physics—Lectures .....	12	—	12	—	12
Practical (3 hours) .....	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
Elements of Metallurgical Chemistry (2nd and 3rd terms) .....	—	To be arranged			—

DIPLOMA IN PHARMACY

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.
501, 501A	Inorganic Chemistry— Lectures, 1st and 2nd Terms	5.15	—	5.15	—	5.15
	3rd Term	5.15	—	—	—	5.15
502	Practical .....	—	9-12	—	—	—
503	Organic Chemistry— Theory, 1st Term	—	12	—	—	—
	2nd and 3rd Terms	—	12	—	12	—
504	Practical .....	—	2-5	—	—	—
505	Pharmacy I— Theory, 1st and 2nd Terms*	—	—	9	—	9
	Practical, 1st and 2nd Terms	—	—	—	—	10-12
506	For. and Com. Pharmacy— 1st and 2nd Terms*	—	12	—	12	—
	3rd Term	—	—	—	—	12
507	Pharmacy II— 2nd and 3rd Terms	—	—	—	—	9-12
508	Botany, 1st and 2nd Terms .....	—	9-12	—	9-12	—
509	Pharmacy III— Materia Medica A .....	—	—	—	—	—
511	Pharmacy .....	—	—	—	—	—
512	Dispensing— Theory, 1st Term .....	9-10	9-10	—	9-10	—
	2nd Term .....	9-10	—	9-10	9-10	—
	3rd Term .....	9-10	—	9-10	—	—
	Practical, 1st & 3rd Terms	10-12	—	—	—	—
	2nd Term .....	10-12	—	10-12	10-12	—
510	Materia Medica B— 1st and 2nd Terms	—	7.30	—	7.30	—

\* And at other times to be arranged.

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