CALENDAR

OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR

1951

ADELAIDE
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PREFACE

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

The Act of Incorporation provided, *inter alia*, for an annual subsidy of five per cent. on the capital funds of the University up to a maximum in any one year of £10,000, an endowment of 50,000 acres of land, and a grant of 5 acres in the City of Adelaide as a site for the University buildings. The country lands were subsequently repurchased in 1915 by the Government for £40,000; the limit of the subsidy on endowments has been raised from time to time by Parliament until it is now £40,000 a year; and the University site has been added to until it now comprises 27 acres. On the occasion of the Jubilee of the University in 1926 the Government gave to the University a new building which cost about £50,000 for the Departments of Physics and Engineering, and parliamentary grants for general and special purposes of the University, apart from the annual subsidy of five per cent. on endowments, amounted in all to about £100,000 in 1950.

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 1950 the University had con-

ferred 5,286 degrees and 2,443 diplomas by examination, and 510 degrees and 15 diplomas by admission *ad eundem gradum*; in 1950 there were 2,370 undergraduates, 1,313 non-graduating students, and 386 post-graduate students, apart from the 595 students at the Elder Conservatorium of Music; and the staff of four professors in 1876 had grown to twenty-nine professors, more than 100 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. Angas—£4,000 to found a scholarship in Engineering and £6,000 to endow the chair of Chemistry;

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

Mr. Peter Waite and his daughter Elizabeth Macmeikan—an estate and gifts valued at about £120,000 to advance the cause of education in Agriculture, Forestry and allied subjects;

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

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

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

Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—£20,000 (estimate) for the advancement of Medical research;

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

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

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

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

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

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

Miss M. T. Murray—£52,700 (estimate) for general purposes;

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

Edward Neale—£27,000 (estimate) for Medical Research;

Mrs. R. F. Mortlock and Mr. J. T. Mortlock—£25,000 for research into soil erosion and the regeneration of pastures, 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 Ourself at Westminster, the 22nd day of March, in the Forty-fourth year of Our Reign.

By warrant under the Queen's Sign Manual.

PALMER.

SUPPLEMENTARY CHARTER

For Recognising Degrees in Surgery and Engineering

Dated 2nd September, 1913

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

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

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

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

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

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

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

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

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

By Warrant under the King's Sign Manual

UNIVERSITY OF ADELAIDE ACT, 1935.

No. 2228.

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

(Assented to 5th December, 1935.)

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

Short Title

1. This Act may be cited as the "University of Adelaide Act, 1935."

Acts Consolidated and Repealed

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

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

Interpretation

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

"Council" means the Council of the University of Adelaide;
"Senate" means the Senate of the University of Adelaide;
"University" means the University of Adelaide.

Incorporation and Continuance of University

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

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

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

(a) shall have perpetual succession;

(b) shall adopt and have a common seal;

(c) shall sue and be sued in all courts in South Australia;

(d) shall be capable in law to take, purchase, and hold all personal property whatsoever;

(e) shall be capable in law to receive, take, purchase, and hold for ever not only such lands, buildings, hereditaments and possessions as may from time to time be exclusively used or occupied for the immediate requirements of the University, but also any other lands, buildings, hereditaments, and possessions whatsoever, situated in South Australia or elsewhere;

(f) shall, subject to sub-section (4), be capable in law to grant, demise, alien, or otherwise dispose of, all or any of the real or personal property belonging to the University;

(g) shall be capable in law to do all other matters and things incidental or appertaining to a body politic and corporate.

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

The Council

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

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

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

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

Election of Members of Council by Senate

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

(i) At the expiration of every year the five members of the Council who have been longest in office shall retire, but shall be eligible for re-election, and if more members shall have been in office for the same period the order of their retirement shall be decided by ballot;

(ii) All vacancies which shall occur in the Council by retirement, death, resignation, or otherwise, shall be filled as they may occur, by the election of such persons as the Senate shall elect at meetings duly convened for the purpose;

(iii) If the Senate fails to elect a person to fill a vacancy in the Council within six months of the occurrence of the vacancy, the Governor may nominate a person to fill the vacancy.

Election of Members of Council by Parliament

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

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

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

Time of Appointment and Tenure of Office

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

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

Effect of Councillor Ceasing to be Member of Parliament

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

Filling of Vacancies

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

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

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

Election of Chancellor and Vice-Chancellor

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

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

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

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

Constitution of Senate

13. (1) The Senate shall consist—

(a) of all graduates admitted by the University to any of the degrees of Master of Arts, Doctor of Medicine, Doctor of Laws, Doctor of Science, Doctor of Music, Master of Surgery, Master of Engineering, or Doctor of Dental Science;

(b) of all persons admitted to a degree constituted by the University by Statute or Regulation of the status of a Master or a Doctor; and

(c) of all other graduates of the University of three years' standing.

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

Election of Warden

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

Conduct of Business

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

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

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

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

Chairmanship of Council and Senate

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

Management of the University

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

Power to Make Statutes

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

(i) Any election;

(ii) The discipline of the University;

(iii) The number, stipend, and manner of appointment and dismissal of the professors, lecturers, examiners, officers, and servants of the University;

(iv) The matriculation of students;

(v) Examinations for fellowships, scholarships, prizes, exhibitions, degrees, or honours, and the granting of the same respectively;

(vi) The fees to be charged for matriculation, or for any examination or degree;

(vii) The lectures or classes of the professors and lecturers, and the fees to be charged;

(viii) The manner and time of convening the meetings of the Council and Senate;

(ix) The constitution of any degree;

(x) The admission, without examination, to degrees which the University has power to confer, of persons who have graduated at any other University;

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

(xii) In general, all other matters whatsoever regarding the University.

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

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

Power to Confer Degrees

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

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

Residence of Undergraduates During Terms.

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

(a) his parent or guardian; or

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

(c) in some collegiate or educational establishment affiliated to or in connection with the University; or

(d) in a boarding-house licensed pursuant to a Statute or Regulation of the University.

No Religious Test to be Administered

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

Governor to be Visitor

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

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

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

Annual Grant to University

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

(i) A grant, not exceeding twenty thousand pounds in any one year, equal to five pounds per centum per annum on—

(a) the sum of twenty thousand pounds contributed to the University by Walter Watson Hughes, pursuant to the indenture mentioned in section 23; and

(b) all other moneys from time to time given to and invested by the University upon trusts for the purposes of the University; and

(c) the value of property, real or personal, of the University or vested in or held by trustees for the purposes of the University, except the real property granted to the University in pursuance of section 16 of The Adelaide University Act, and of The University Site Act, 1876;

(ii) A grant of four thousand pounds.

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

(a) for maintaining the University;

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

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

(c) for defraying the expense of fellowships, scholarships, prizes, and exhibitions awarded for the encouragement of students in the University;

(d) for providing a library for the University;

(e) for discharging all necessary charges connected with the management of the University.

Grants for Agricultural Research

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

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

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

Conditions of Grant

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

(i) The Waite Agricultural Research Institute of the University shall conduct researches in cereal breeding, plant genetics, and plant nutrition, the improvement of pastures and pasture plants, agricultural chemistry and its application to the production of farm crops, soil management, and soil classification, and shall maintain divisions of entomology and plant pathology for the purpose of investigating the insect and fungus diseases of agricultural and horticultural crops, and shall undertake such other investigations as may from time to time be prescribed by the Council during the currency of section 25 and this section;

(ii) The said Waite Agricultural Research Institute shall, in addition to the investigational work aforesaid, furnish an advisory service in plant pathology and entomology to the Minister of Agriculture;

(iii) The staff of the said Waite Agricultural Research Institute shall, upon such terms and conditions as are agreed upon between the Minister of Agriculture and the University, make and report to the Minister the result of any investigation in agricultural matters which he requires to be so made and reported upon;

(iv) The University shall maintain a course in agricultural science of degree standard for the training of graduates for service in the Department of Agriculture, the Education

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

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

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

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

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

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

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

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

Annual Report

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

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

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

University to be Exempt from Land Tax

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

† Inserted by the University of Adelaide Act Amendment Act, No. 9 of 1946.
* Repealed by the University of Adelaide Act Amendment Act, No. 2340 of 1937.

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

Trusts in Relation to Certain University Land

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

Validation of Degrees and Statutes and Regulations

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

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

THE FIRST SCHEDULE

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

THE SECOND SCHEDULE

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

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

Signed, sealed, and delivered by the said Walter Watson Hughes, in the presence of 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 hereinbefore mentioned and described, and to or for no other purpose whatsoever."

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1936.

No. 2327 of 1936

(Assented to 3rd December, 1936.)

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1937.

No. 2340 of 1937.

(Assented to 15th September, 1937)

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

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

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1942.

No. 10 of 1942.

(Assented to 22nd October, 1942.)

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

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

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

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

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

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

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

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

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

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

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

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

(a) in the financial year 1943-44, the sum of fifteen thousand pounds;

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

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

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

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

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

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

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

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

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

THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

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

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

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

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

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

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

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

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

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

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

"University grounds" means—

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

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

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

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

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

(a) to prohibit persons from trespassing on the University grounds;

(b) to prevent damage to the University grounds and any fixtures, chattels, trees, shrubs, bushes, flowers, gardens and lawns on or in those grounds;

(c) to regulate speed at which vehicles may be driven on the University grounds;

(d) to prohibit the dangerous or careless driving of vehicles on the University grounds;

(e) to prohibit the driving on the University grounds of vehicles the weight of which when laden exceeds the amount prescribed in the by-laws;

(f) to prescribe the route to be followed by traffic on roads, ways, or tracks within the University grounds and the specific gates which may be used for the entrance and exit of vehicles and pedestrians and to require the observance of one-way traffic rules on specified roads, ways, or tracks;

(g) to regulate the parking, ranking, placing and arranging of vehicles on University grounds and to empower authorized persons to remove any vehicle from the University grounds without assigning any reason;

(h) generally to regulate traffic of all kinds on the University grounds;

(i) to prohibit disorderly conduct or indecent language by persons on the University grounds and to empower authorized persons to remove from those grounds persons guilty of disorderly conduct or indecent language thereon;

(j) to prohibit, restrict or regulate the consumption of alcoholic liquor on the University grounds and the bringing of alcoholic liquor on to those grounds, and to empower authorized persons to remove from the University grounds any intoxicated person and to search the University grounds and vehicles thereon for alcoholic liquor and to seize any liquor reasonably suspected of having been brought on to the University grounds contrary to any by-law;

(k) to empower the council to confiscate any liquor brought on to the University grounds contrary to any by-law;

(l) to prevent persons from climbing on fences or buildings or walking over gardens or lawns on the University grounds;

(m) to regulate the conduct of open air and indoor meetings held on the University grounds;

(n) to prevent the interruption of lectures or meetings by noise or unseemly behaviour on the University grounds whether in or outside of buildings and to prevent undue noise from motor vehicles on the University grounds;

(o) to prescribe fines recoverable summarily not exceeding twenty pounds for any contravention of any by-law; and

(p) to empower the University to recover summarily compensation for any damage done to the University grounds.

(2) The council may declare in any such by-law that it shall apply to a part only of the University grounds specified therein, and it shall so apply accordingly.

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

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

18b. No by-law shall be made—

(a) except at a meeting of the council of which at least fourteen days' prior notice in writing has been sent by post to each member of the council specifying the by-laws intended to be proposed; or

(b) unless a majority of all the members of the council vote at the meeting in favour of the proposed by-law.

18c. (1) Every by-law—

(a) shall be submitted to the Governor for confirmation and shall be of no force until confirmed;

(b) after confirmation shall be published in the *Gazette* at the expense of the University;

(c) shall, subject to subsection (2) hereof, take effect from the day of that publication or from any later day fixed by the by-law; and

(d) shall be laid before each House of Parliament within the first fourteen sitting days of that House after the said publication.

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

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

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

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

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

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

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

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

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

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 1951

TERMS

First Term: March 5 – May 19.

Second Term: June 4 – August 11.

Third Term: September 3 – December 8.

Lectures will cease in some cases in the week ending on October 20, and in others in the week ending on October 27.

Annual examinations will begin on November 5.

1951		JANUARY
M.	1	New Year's Day. Commonwealth inaugurated 1901.
F.	19	Education Committee meets.
M.	22	Finance Committee meets.
Tu.	23	Last day of entry for the Supplementary Leaving Examination to be held in February.
F.	26	Council meeting. Anniversary of the foundation of Australia, 1788.
M.	29	Public holiday: celebration of Foundation Day.
Tu.	30	Last day of entry for the LL.B. and special degree and diploma examinations to be held in February and March.

		FEBRUARY
Th.	1	Hospital year begins. Last day of entry for the M.S. examinations to be held in May.
M.	12	LAST DAY OF ENROLMENT. Conservatorium first quarter begins.
Tu.	13	Supplementary Leaving Examination begins.
F.	16	Education Committee meets.
M.	19	Finance Committee meets.
F.	23	Council meeting.
M.	26	LL.B. and special degree and diploma examinations begin.
W.	28	Last day of entry for evening studentships.

MARCH

S.	3	Long vacation ends.
M.	5	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.
M.	12	LECTURES BEGIN.
Th.	22	Education Committee meets.
F.	23	Good Friday
Su.	25	Easter Day.
M.	26	Easter Monday.
W.	28	Lectures resume. Finance Committee meets.
F.	30	Council meeting.
S.	31	Last day for submitting entries for the Bundey Prize and for The Sir Archibald Strong Memorial Prize for Literature.

APRIL

M.	2	Last day for submitting compositions for the degree of Mus.Doc.
W.	4	ANNUAL COMMEMORATION.
S.	14	Conservatorium first quarter ends.
M.	16	Conservatorium second quarter begins.
F.	20	Education Committee meets.
M.	23	Finance Committee meets.
W.	25	Anzac Day.
F.	27	Council meeting.

MAY

W.	2	Theory of Music and Art of Speech examinations.
F.	18	Last day for submitting essays for the League of Nations Prize. Education Committee meets.
S.	19	FIRST TERM ENDS.
M.	21	Finance Committee meets. University and Conservatorium vacation begins.
F.	25	Council meeting.

JUNE

S.	2	University and Conservatorium vacation ends.
M.	4	SECOND TERM BEGINS.
M.	11	Public holiday: celebration of King's birthday.
F.	22	Education Committee meets.
M.	25	Finance Committee meets.
F.	29	Council meeting.
S.	30	Conservatorium second quarter ends.

JULY

M.	2	Conservatorium third quarter begins. Last day for submitting theses for the Bonython Prize and for the degree of D.D.Sc.
W.	18	Last day of entry for public examinations in Music and Art of Speech to be held in September.
F.	20	Education Committee meets.
M.	23	Finance Committee meets.
F.	27	Council meeting.

AUGUST

S.	11	SECOND TERM ENDS.
M.	13	University and Conservatorium vacation begins.
F.	24	Education Committee meets.
S.	25	Conservatorium vacation ends.
M.	27	Conservatorium resumes. Fourth, fifth and sixth year Medical students resume clinical work. Finance Committee meets.
F.	31	Council meeting.

SEPTEMBER

S.	1	University vacation ends.
M.	3	THIRD TERM BEGINS.
M.	10	Lectures in Strength of Materials and in third and fourth years of Civil, Electrical and Mechanical Engineering resume.
S.	15	Conservatorium third quarter ends.
M.	17	Last day of entry for the DEGREE and DIPLOMA EXAMINATIONS to be held in November. Conservatorium fourth quarter begins.
W.	19	Theory of Music and Art of Speech examinations.
F.	21	Education Committee meets.
M.	24	Finance Committee meets.
F.	28	Council meeting.
S.	29	Last day for submitting exercises for the degree of Mus.Bac.

OCTOBER

M.	1	Last day of entry for the PUBLIC EXAMINATIONS to be held in November.
M.	8	Labour Day.
F.	19	Education Committee meets.
S.	20	Lectures in some departments end.
M.	22	Finance Committee meets. Conservatorium vacation of three weeks begins.
F.	26	Council meeting.
S.	27	All lectures end by this date.

NOVEMBER

Th.	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.	5	DEGREE AND DIPLOMA EXAMINATIONS BEGIN.
M.	12	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 28.
		Conservatorium vacation ends.
F.	23	Education Committee meets.
M.	26	Finance Committee meets. Public Examinations begin.
W.	28	Senate meeting: election of members of the Council, and Warden and Clerk of the Senate.
F.	30	Council meeting.

DECEMBER

S.	1	Last day of application for the Ernest Ayers Scholarship, and for submitting theses written in connection with the Scholarship.
S.	8	THIRD TERM ENDS. Conservatorium fourth quarter ends.
F.	14	Education Committee meets. King George VI born, 1895.
M.	17	Finance Committee meets.
F.	21	Council meeting.
Tu.	25	Christmas Day.
F.	28	Anniversary of the Proclamation of South Australia, 1836.
M.	31	Last day of application for Mining and Metallurgical Bursaries.

1952 JANUARY

Tu.	1	New Year's Day. Commonwealth inaugurated 1901.
F.	19	Education Committee meets.
M.	22	Finance Committee meets.
Tu.	23	Last day of entry for the Supplementary Leaving Examination to be held in February.
F.	26	Anniversary of the foundation of Australia, 1788. Council meeting.
M.	29	Public holiday: celebration of Foundation Day.
Tu.	30	Last day of entry for the LL.B. and special degree and diploma examinations to be held in March.

FEBRUARY

Th. 1 Hospital year begins. Last day of entry for the M.S. examinations to be held in May.
F. 16 Education Committee meets.
M. 19 LAST DAY OF ENROLMENT. Conservatorium first quarter begins. Finance Committee meets.
Tu. 20 Supplementary Leaving Examination begins.
F. 23 Council meeting.
M. 26 LL.B. and special degree and diploma examinations begin.
W. 28 Last day of entry for evening studentships.

MARCH

S. 9 Long vacation ends.
M. 11 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.

W. 13 Last day of entry for public examinations in Music and Art of Speech to be held in May.
M. 18 LECTURES BEGIN.
F. 22 Education Committee meets.
M. 25 Finance Committee meets.
F. 29 Council meeting. Last day for submitting entries for the Bundey Prize and for The Sir Archibald Strong Memorial Prize for Literature.

APRIL

W. 3 ANNUAL COMMEMORATION.
F. 12 Good Friday.
Su. 14 Easter Day.
M. 15 Easter Monday.
W. 17 Lectures resume.
F. 19 Education Committee meets.
S. 20 Conservatorium first quarter ends.
M. 22 Conservatorium second quarter begins. Finance Committee meets.
Th. 25 Anzac Day.
F. 26 Council meeting.

The University of Adelaide

1951

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.

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, 26th November, 1947.

PROFESSOR JAMES GLADSTONE CORNELL, M.A., L. ès L. 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, 24th November, 1948.

ALBERT JAMES HANNAN, C.M.G., K.C., M.A., LL.B. A member since 1939. Date of last election, 22nd Novemer, 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, 26th November, 1947.

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, 26th November, 1947.

PROFESSOR JOHN McKELLAR STEWART, C.M.G., D.Phil. A member since 1926. Date of last election, 26th November, 1947.

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 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 22nd November, 1950.

CLERK—VICTOR ALLEN EDGELOE, B.A. Elected for the first time, 24th November, 1948; re-elected 22nd November, 1950.

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Deputy Chairman: The Vice-Chancellor

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

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Deputy Chairman: Mr. K. A. Wills

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The Vice-Chancellor
Dr. G. H. Burnell
Mr. R. H. Chapman
Mr. G. T. Clarke
The Hon. C. R. Cudmore
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Dr. F. Ray Hone
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Mr. E. Britten Jones
The Hon. Mr. Justice Ligertwood
Mr. Baden Pattinson
The Hon. F. T. Perry
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The Dean of the Faculty of Arts
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Mr. H. E. Zelling

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Professor Sir Stanton Hicks
Professor L. G. H. Huxley
Professor T. Harvey Johnston
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Professor M. L. Mitchell
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Dr. G. O. Lawrence
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Mr. A. French
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Dr. A. J. Schulz
Mr. J. W. Statton

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Mr. A. J. Hannan
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Mr. John Horner
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Professor H. S. Green
Professor Sir Stanton Hicks
Professor L. G. H. Huxley
Professor T. Harvey Johnston
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Professor M. L. Mitchell
Professor J. A. Prescott
Professor R. C. Robin
Professor E. A. Rudd
Professor H. W. Sanders
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Professor J. G. Wood
Mr. D. B. Adam
Dr. W. R. Adey
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Professor Sir Douglas Mawson
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Professor H. C. Trumble
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Mr. A. T. Pugsley
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Mr. K. A. Woodroffe

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The Director of Education
The Principal of Roseworthy Agricultural College
Mr. R. N. McKeown

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The Principal of the School of Mines
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Professor H. H. Davis
Professor L. G. H. Huxley
Professor A. Killen Macbeth
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Mr. J. P. Morgan
Mr. A. J. Robinson
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Mr. J. W. Statton
Mr. R. E. Vowels

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The Professor of Law
The President of the Chamber of Commerce
The President of the Chamber of Manufactures
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Mr. L. B. Daymond
Mr. G. L. Duffield
Mr. F. W. Eardley
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Mr. E. W. Mills
Mr. R. G. Opie
Mr. E. W. Palmer
Mr. E. W. Painter
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Mr. R. M. Steele
Mr. A. C. Tillett
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The Vice-Chancellor
The President of the Pharmaceutical Society
The Secretary of the Pharmaceutical Society
The President of the Pharmacy Board
The Dean of the Faculty of Medicine
Professor Sir Stanton Hicks
Professor J. G. Wood
Mr. A. E. Bowey
Mr. E. F. Lipsham
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Chairman: Professor McKellar Stewart

The Chancellor
The Vice-Chancellor
The Dean of the Faculty of Arts
The President of the Adelaide University Sports Association
Professor A. A. Abbie
Mr. W. J. Adey
Mr. E. Allen
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RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxon.). Appointed 1950.

Lecturer in the Law of Contracts:
JOHN NEIL McEWIN, LL.B. Appointed 1949.

Lecturer in Criminal Law:
REGINALD RODERIC ST. CLAIR CHAMBERLAIN, K.C., LL.B. Appointed 1946.
WILLIAM ANDREW NOYE WELLS, B.A., B.C.L. (Oxon.), LL.B. (Acting.)

Lecturer in the Law of Property, Real and Personal:
MARTIN RUDOLF CHEMNITZ KRIEWALDT, B.A. (Wisconsin), LL.B. Appointed 1937.

Lecturer in the Law of Equity and Conveyancing:
EDGAR LOVEDAY STEVENS, LL.B. Appointed 1939.

Lecturer in Mercantile Law:
EARNEST PHILLIPS, K.C., LL.B. Appointed 1938.

Lecturer in the Law relating to Companies, Partnership, Bankruptcy, and Divorce:
LOUIS ARNOLD WHITINGTON, LL.B. Appointed 1938.

Lecturer in the Law of Evidence and Procedure:
ARTHUR LAWRENCE PICKERING, LL.B. Appointed 1935.

Lecturer in Constitutional Law:
HOWARD EDGAR ZELLING, LL.B. Appointed 1949.

Lecturer in Private International Law:
FRANCIS ERNEST PIPER, LL.B. Appointed 1936.

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

Professor:
PETER HENRY KARMEL, B.A. (Melb.), Ph.D. (Camb.). Appointed 1950.

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.

COMMERCIAL LAW

Lecturers:
Part I: ERNEST WILLIAM PALMER, LL.B. Appointed 1948.
Part II: MARTIN RUDOLF CHEMNITZ KRIEWALDT, B.A. (Wisconsin), LL.B. Appointed 1939.
LEONARD BURGESS DAYMOND, B.Com. (Tas.), F.C.I.S. Appointed 1941.

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

STATISTICS

Lecturer:
ROGER GILBERT OPIE, B.A.

PUBLIC ADMINISTRATION

Lecturer:
ARTHUR COLIN TILLETT, A.U.A. Appointed 1949.

PUBLIC FINANCE

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

POLITICAL INSTITUTIONS

Lecturer:
HELEN JONES, B.A. Appointed 1950.

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 195'

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.
ERIC FRANK GARTRELL, M.B., B.S., M.R.C.P.
JOHN LIONEL HAYWARD, M.D., M.R.C.P.
CHRISTOPHER BAGOT SANGSTER, M.D., M.R.C.P.
JAMES GARNET SLEEMAN, M.D.

In Infectious Diseases:
RICHARD ALFRED AMYAS PELLEW, M.B., B.S.
HOWARD WADMORE LINN, M.B., B.S.

Full-time Assistant to the Director:
ALLAN KERR GRANT, M.B., B.S., M.R.A.C.P.

Division of Surgical Studies

Director:
PHILIP SANTO MESSENT, M.B., M.S. Appointed 1950.

Lecturers:

In Surgery:
ALAN FRANK HOBBS, M.B., B.S., F.R.C.S. Appointed 1948.
ALAN HARDING LENDON, M.B., B.S., F.R.C.S. Appointed 1948.
IAN AYLIFFE HAMILTON, M.B., M.S., F.R.C.S. Appointed 1950.

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. 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.
SYDNEY KRANTZ, M.B., B.S., F.R.C.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.

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.

Other Officers

Director in Obstetrics:
WILBUR FRANCIS JOYNT, M.B., B.S. (Melb.), D.G.O. (Trinity), L.M. (Rotunda), M.R.C.O.G. (Lond.). Appointed 1944.

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

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

Instructor and Assistant Lecturer:
MURRAY JAMES BARRETT, M.D.S. Appointed 1949.

Tutors:
KENNETH JAMES ROBERTSON, B.D.S. Appointed 1949.
HAROLD BRUCE FRAYNE, B.D.S. Appointed 1949.
PHILIP MURDOCH WESSLINK, B.D.S. (Syd.). Appointed 1949.
JOHN BICE DAY, B.D.S. Appointed 1949.

Demonstrators:
ROBERT STEWART BLACKBURN, B.D.S. Appointed 1949.
GLENN MILLHOUSE, B.D.S. Appointed 1949.
CLEMENT JAMES TYMONS, B.D.S. Appointed 1949.
HUGH DALEY KENNARE, B.D.S. Appointed 1951.

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.
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:
BRIAN CORRELL CRISP, B.D.S. Appointed 1949.
RONALD FRANK PORTER, B.D.S. Appointed 1949.

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:
RONALD FRANK PORTER, B.D.S. Appointed 1949.

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:
REGINALD ALFRED LAMPIER LAUGHTON, A.S.A.S.M. Appointed 1936.

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:

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:
GEORGE HARRY KENDREW, M.B., B.S.

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. Appointed 1938.

AGRICULTURAL CHEMISTRY

Waite Professor:
JAMES ARTHUR PRESCOTT, C.B.E., D.Sc. 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.

Senior Research Scholar:
JOYCE AMY COLLINS, B.Sc. (Part-time.)

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.).

Systematic Entomologist:
HENRY STEWART FARNHAM LOWER.

Research Fellow:
PAUL E. MADGE, B.Sc. (Syd.).

Senior Research Scholar:
DENISE WILLIAMS, B.Sc.

AGRONOMY

Waite Professor:
HUGH CHRISTIAN TRUMBLE, D.Sc. Appointed Professor 1941.

Senior Agronomist:
KEITH WOODROFFE, B.Ag.Sc.

Acting Agronomists:
PETER FORSYTHE BUTLER, B.Ag.Sc.
DAVID ERIC SYMON, B.Ag.Sc.

Research Fellow:
BRUCE A. ROARK, B.Sc. (W.Aust.).

GENETICS

Senior Plant Geneticist in Charge:
ALBERT TONKIN PUGSLEY, M.Sc.

Plant Geneticist:
GEORGE MELROSE ELTON MAYO, B.Ag.Sc.

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

PLANT PATHOLOGY

Reader in Plant Pathology:
DAVID BONAR ADAM, B.Ag.Sc. (Melb.).

Plant Pathologists:
NOEL THOMAS FLENTJE, Ph.D. (Lond.), M.Sc.
BRUCE WILLIAM HOLLOWAY, B.Sc. (Temporary). (On leave.)

Senior Research Scholar:
MARGARET WYN JEFFERY, B.Sc.

PLANT PHYSIOLOGY

Senior Plant Physiologist:
FREDERICK LEON MILTHORPE, Ph.D. (Lond.), M.Sc.Agr. (Syd.),

Plant Physiologist:
LANCELOT HARRIS MAY, B.Sc.

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.

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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

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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 Chancellor 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 BENSLY, 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.

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.

Economics:

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

Mathematics and Physics:

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

Mathematics:

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

Physics:

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

Chemistry:

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

Natural Science:

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

Geology and Palaeontology:

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

Botany:

THEODORE GEORGE BENTLEY OSBORN, D.Sc. (Manc.), 1912-1928.

Biochemistry and General Physiology:

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

Physiology:

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

Bacteriology:

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

Agriculture:

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

Entomology:

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

Engineering:

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

Mining and Metallurgy:

HERBERT WILLIAM GARTRELL, M.A., B.Sc., 1938-1945.

Law:

WALTER ROSS PHILLIPS, LL.B. (Camb.); Lecturer-in-Charge, 1883-1887.
FREDERICK WILLIAM PENNEFATHER, B.A., LL.D. (Camb.) (Lecturer-in-Charge, 1888-1889.) 1890-1896.
JOHN WILLIAM SALMOND, M.A., LL.B. (Lond.). 1897-1905.
WILLIAM JETHRO BROWN, LL.D. (Camb.), D.Litt. (Dublin). 1906-1916.
COLEMAN PHILLIPSON, M.A., LL.D., Litt.D. (Victoria, Manchester). 1920-1925.
ARTHUR LANG CAMPBELL, B.A., B.E. (Syd.), 1926-1949.

Anatomy:

ARCHIBALD WATSON, M.D. (Paris and Gott.), F.R.C.S., 1885-1919 (Emeritus, 1919).
FREDERIC WOOD JONES, M.B., B.S., M.R.C.S., L.R.C.P., D.Sc. (Lond.), F.R.S., 1920-1926.
HERBERT HENRY WOOLLARD, M.D., D.Sc. (Melb.), 1927-1929.
HERBERT JOHN WILKINSON, M.D. (Syd.), B.A., 1930-1936.
FRANK GOLDBY, M.A., M.D. (Camb.), M.R.C.P. (Lond.), 1937-1944.

Pathology:

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

Experimental Medicine:

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

Music:

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

LECTURERS *(honoris causâ)*

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

Surgery:
BENJAMIN POULTON, M.D.

Materia Medica and Therapeutics:
WILLIAM THORNBOROUGH HAYWARD, C.M.G., LL.D., M.R.C.S.

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

Obstetrics:
ALFRED AUSTIN LENDON, M.D.

FORMER REGISTRARS

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

JOHN WALTER TYAS, 1882-1892.

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

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

FORMER LIBRARIAN

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

CLINICAL TEACHERS

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A. D. LAMPHEE, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
W. D. ACKLAND HORMAN, M.B., B.S. (Adel.).

Medical Officer for Blood Transfusion and Resuscitation:
J. M. BONNIN, M.D. (Adel.), M.R.C.P.

Clinical Tutor in Mothercraft:
E. RUTH MOCATTA, M.B., B.S. (Adel.).

MAREEBA BABIES' HOSPITAL

Hon. Responsible Medical Officer:
F. N. LeMESSURIER, M.D. (Adel.).

Hon. Physicians:
M. T. COCKBURN, M.D. (Adel.).
C. A. FINLAYSON, M.B., B.S. (Melb.).
R. G. Ch.-de CRESPIGNY, M.B., B.S. (Melb.).

Hon. Assistant Physicians:
D. K. McKENZIE, M.B., B.S. (Adel.).
E. B. SIMS, M.D. (Adel.).

Hon. Consulting Surgeon:
D. G. McKAY, M.B., B.S. (Adel.), F.R.C.S. (Edin.).

Hon. Surgeon (Nose and Throat):
S. PEARLMAN, M.B., Ch.M. (Syd.), D.O.M.S. (Eng.).

Hon. Pathologist:

Hon. Dermatologist:
A. J. HAKENDORF, M.B., B.S. (Adel.).

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

Hon. Assistant Radiologist:
B. S. HANSON, M.B., B.S. (Adel.).

Hon. Dentist:
A. P. PLUMMER, B.D.S. (Adel.).

PARKSIDE MENTAL HOSPITAL

Superintendent:
H. M. BIRCH, M.R.C.S., L.R.C.P., D.P.M., F.R.A.C.P.

Deputy Superintendent:
B. NICHOLSON, M.B., B.S., M.R.C.S., L.R.C.P.

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

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

Hon. Dermatologist:
W. GILFILLAN, M.B., B.S. (Adel.).

Hon. Surgeon (Ear, Nose and Throat Department):

TUBERCULOSIS SERVICES

Chest Clinic and Frome Ward

Physician-in-charge:
P. S. WOODRUFF, M.D., D.T.M. and H. (Melb.), M.R.A.C.P.

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

Assistant Physicians:
C. T. PIPER, M.B., B.S. (Adel.), M.R.C.P. (Lond.).
O. E. NICHTERLEIN, M.A., M.D. (Adel.).

Anaesthetists:
J. E. BARKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.).
J. H. STACE, M.B., B.S. (Adel.).

Registrar—Medical and Surgical:
R. MUNRO FORD, M.B., B.S. (Adel.).

Medical Superintendent, Morris Hospital:
J. G. SLEEMAN, M.D. (Adel.).

Medical Superintendent, Bedford Park Sanatorium:
A. C. SAVAGE, M.B., B.S. (Adel.).

Laryngologist:
H. M. JAY, M.B., B.S. (Adel.).

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

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

STAFF OF THE ELDER CONSERVATORIUM OF MUSIC

Director:
PROFESSOR JOHN BISHOP.

Lecturers in Music:
HAROLD STEPHEN PARSONS, Mus. Bac.
JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

Teachers of Pianoforte:
RAYMOND O'CONNELL, A.R.C.M.
GEORGE PEARCE, A.R.A.M.
JOHN ADAM HORNER, F.R.C.O., L.R.A.M.
HAROLD WYLDE, F.R.C.O.
CLEMENS LESKE.

Teachers of Organ:
JOHN ADAM HORNER, F.R.C.O., L.R.A.M
HAROLD WYLDE, F.R.C.O.

Teachers of Singing:
CLEMENT WILLIAMS.
HILDA BEATRICE GILL, A.U.A.
BARBARA HOWARD.
PETER MARTIN (Acting).

Teachers of Violin:
LLOYD DAVIES.
CLARICE GMEINER, A.U.A.

Teacher of Violoncello:
HAROLD STEPHEN PARSONS, Mus.Bac.

Teacher of Flute:
KEITH YELLAND.

Teacher of Oboe:
NOEL POST.

Teachers of Clarinet:
CLEVE MARTIN.
ARNOLD BLAYLOCK.

Teacher of Bassoon:
JOHN GEORGE GOOD.

Teacher of French Horn:
BARRY SADLER

Teachers of Ensemble Playing and Orchestral Class:
HAROLD STEPHEN PARSONS, Mus.Bac.
LLOYD DAVIES.
JOHN GEORGE GOOD.

Teacher of Opera:
BARBARA HOWARD.

Teacher of Art of Speech:
FRANK JOHNSTON. (On leave.)
ENID LEWIS (Acting).

Teacher of Drama:
ENID LEWIS.

Teacher of Aural Culture and Musical Appreciation:
ALISON HOLDER, Mus.Bac. (On leave.)
JOYCE SANSOM (Acting).

Secretary:

REGISTRAR'S DEPARTMENT

Registrar:
ALBERT WILLIAM BAMPTON, A.I.A.S.A. Appointed Accountant, 1924; Acting Registrar, 1945; Registrar, 1947.

Registrar's Secretary:
BESSIE BRIAR MATTISON.

Academic Branch

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

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

Administrative Assistant:
ERIC LACY VOWLES, M.C.

Accounts Branch

Accountant:
WALTER LEONARD BURKE, B.A., B.Ec. (Syd.), A.A.A., A.C.I.S. Appointed 1951.

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

Costing and Equipment Officer:
ERNEST STANLEY WYETT, A.U.A., A.I.C.A.

Public Examinations

Secretary:
HERBERT REGINALD OTHAMS, B.A.

Assistant Secretary:
LAWRENCE HENRY DALZIEL, B.A.

THE BARR SMITH LIBRARY

Librarian:
WILLIAM ALBERT COWAN, M.A. (N.Z.), B.A. (Lond.). Appointed 1933.

Assistant Librarian:
MARGARET WALTER SORRELL, B.A., A.L.A.

Library Assistants:
KERSTIN LILLEMOR ANDERSEN, B.A., A.L.A.
BERNADETTE MARIE THERESE BYRNE, B.A.
PAULINE CLARK, B.Sc.
SHIRLEY CORRELL
MARY ELIZABETH DEEGAN.
DOROTHY MEAD, B.A.
GWENYTH WINSOME OWEN, B.A.
MARJORIE WINNIFRED ROONEY, B.A.
HELEN FREUND ZINNBAUER, Ph.D. (Vienna).

University Architects

LOUIS LAYBOURNE SMITH, C.M.G., B.E., F.R.I.B.A.
WALTER HERVEY BAGOT, F.R.I.B.A., F.S.A.I.S.A.

University Auditors

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

Tutorial Classes of the Workers' Educational Association

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

Joint Secretary of the University Union and the University Sports Association

KENNETH TOM HAMILTON

REPRESENTATIVES OF THE UNIVERSITY

On the Council of the Institute of Medical and Veterinary Science:
SIR TRENT CHAMPION DE CRESPIGNY, M.D., F.R.C.P.
EDMUND BRITTEN JONES, M.A., M.B., B.S., F.R.C.P.

On the Medical Board of South Australia:
GLEN HOWARD BURNELL, M.D., F.R.C.S.Ed.

On the Advisory Committee of the University Council and of the Adelaide Hospital:
GLEN HOWARD BURNELL, M.D., F.R.C.S.Ed.
JOHN LEONARD EUSTACE, B.D.S.
IVAN BEDE JOSE, M.B., M.S., F.R.C.S.

On the Australian Commonwealth Engineering Standards Association:
PROFESSOR SIR KERR GRANT, Kt., M.Sc., F.Inst.P.
PROFESSOR SIR DOUGLAS MAWSON, Kt. O.B.E., B.E., D.Sc., F.R.S.

On the Board for the Education of Children of Deceased Soldiers:
A. W. BAMPTON, A.I.A.S.A.

On the Council of St. Mark's College:
PROFESSOR M. L. MITCHELL, M.Sc.

On the Council of St. Ann's College:
PROFESSOR A. A. ABBIE, M.D., D.Sc.
MARY HOPE ST. CLAIR CRAMPTON, M.A.

On the Fauna and Flora Board:
PROFESSOR A. A. ABBIE, M.D., D.Sc.
PROFESSOR J. B. CLELAND, M.D.

On the Dental Board of South Australia:
ARTHUR PARISS READING MOORE, D.D.Sc.

On the Ridley Memorial Trust:
PROFESSOR J. A. PRESCOTT, D.Sc.

On the Union Council:
HELEN MARY MAYO, O.B.E., M.D.
PROFESSOR M. L. MITCHELL, M.Sc.
A. GRENFELL PRICE, C.M.G., D.Litt.
PROFESSOR E. C. R. SPOONER, D.Phil., D.Sc.

On the General Committee of the University Sports Association:
FRANK RAYMOND HONE, B.Sc., M.D., M.R.C.P.
PROFESSOR M. L. MITCHELL, M.Sc.

On the S.A. Advisory Committee to the National Films Board:
WILLIAM ALBERT COWAN, M.A.
PROFESSOR J. A. PRESCOTT, D.Sc.

BENEFACTIONS BESTOWED BY PRIVATE PERSONS

ENDOWMENTS

1872: Sir W. W. Hughes—£20,000 to found chairs in Classics and English Literature.
1874: Sir Thomas Elder—£20,000 to found chairs in Mathematics and Natural Science.
1875-6: Public Subscriptions—£600 for general purposes.
1878: The Hon. J. H. Angas—£4,000 to found a scholarship in Engineering.
1879: South Australian Commerical 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 } in support of a chair in Music.
1884-9: Private Subscriptions—£1,150 }
1884: Sir Thomas Elder—£1,000 } to found evening classes.
1884: Literary Societies' Union—£220 }
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 } to found scholarships in memory of Dr. John
1934: Mrs. Davies Thomas—£200 } Davies Thomas.
1897: Sir Thos. Elder—£20,000 to endow the school of Medicine.
1897: Sir Thos. Elder—£20,000 to endow the school of Music.
1898: Public Subscriptions—£600 to found studentships in memory of John Anderson Hartley.
1900: His Excellency Lord Tennyson—£100 to provide medals for English Literature at the public examinations.
1900: Trustees of Robert Whinham Fund—£84 to found a prize in Elocution.
1902: Public Subscriptions—£473 to found a lectureship in Gynaecology in memory of Dr. Edward Willis Way.
1902: Public Subscriptions—£60 to provide a medal for geological work in memory of Professor Ralph Tate.
1903: Joseph Fisher—£1,000 to provide the Fisher Medal and the Fisher Lecture in Commerce.
1907: G. J. R. Murray, K.C., B.A., LL.B.—£1,000 to found the Tinline Scholarships in History.
1907: Miss Julia Stuckey—£500 for the encouragement of the study of Botany.
1907-9: Miss E. M. Bundey, 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. Bundey, Mus. Bac.—£200 to found an annual prize for English verse, in memory of Sir Henry and Lady Bundey.
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. Bundey, Mus. Bac.—£1,236 to found research scholarships in Botany or Forestry.
1920: The family of the late R. Barr Smith—£11,000 to form an endowment for the University library.
1920: Private Subscriptions—£7,073 to establish the Animal Products Research Foundation.
1920: The North Adelaide Congregational Church—Subscriptions—£50 to provide a medal in memory of the Rev. Dr. Jefferis.
1920: The Hon. Sir George Murray, K.C.M.G.—£1,000 for the Building Fund.
1920: The family of John Darling—£15,000 for a medical school building in memory of their father.
1921: Mrs. G. A. Jury—£12,000 to endow a chair in English Language and Literature.
1921: Old Scholars of Tormore House School—£130 to found an annual prize in memory of the School.
1922: Mrs. Jane Marks—£30,000 for the better endowment of the medical school and to perpetuate the memory of George Richard Marks and his wife Jane Marks.
1922: Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—Property of the estimated value of £20,923 for advancement of medical research.
1922: Old scholars of Miss Martin's School—£150 to found annual prizes in memory of Annie Montgomerie Martin.
1923: The Adelaide Co-operative Society—£150 to found a bursary in memory of George Thompson.
1923: T. E. Barr Smith—£100 to found an annual prize for an essay on the work of the League of Nations.
1924: Mrs. Agnes Ayers—£500 for general purposes.
1924: Old Scholars of the Methodist Ladies' College—£100 } to provide a library in psychology
1924: Public Subscriptions—£650 } to commemorate Miss Sarah Elizabeth Jackson, M.A.
1924: James Gartrell—£200 to found an annual prize in Comparative Philology.
1925: Old Scholars of Unley Park School—£450 to found a bursary in memory of Catherine Maria Thornber.
1926: The Hon. Sir Langdon Bonython, K.C.M.G.—£20,000 to endow the chair of Law.
1926: The Hon. Sir Josiah Symon, K.C.M.G., K.C.—£9,500 for the Lady Symon Building, the women's portion of the University Union.
1926: Sir Joseph Verco, Kt.—£5,000 to establish a fund for the publication of results of research in the medical sciences.
1926: J. T. Mortlock—£2,000 to help the Council in equipping the Waite Agricultural Research Institute.
1926: Public Subscriptions—£1,076 for the encouragement of orchestral music; the fund was inaugurated by Mr. Percy Grainger in memory of his mother.

1926: Executors of the late Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—£452 to establish Keith Sheridan prizes in the medical school.
1927: John Melrose—£10,000 for a chemistry laboratory at the Waite Agricultural Research Institute.
1927: M. L. Mitchell—£50 for the Barr Smith Library.
1927-8—T. E. Barr Smith—£34,718 for the Barr Smith Library Building.
1929: The family of John Darling—£10,000 for a laboratory for soils research at the Waite Agricultural Research Institute.
1929: The Commonwealth Bank of Australia—£2,500 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
1936: Norman Darling—£5,000
1936: Mrs. T. E. Barr Smith—£5,000
} towards the building and equipping of an Institute of Medical Science.
1937: Sir William Mitchell, K.C.M.G.—£20,000 to endow the chair of Biochemistry.
1937: T. G. Wilson—£2,000 to found a travelling scholarship in obstetrics.
1937: Public Subscriptions—£311 to found a scholarship in honour of Professor Sir Robert Chapman.
1937: Way College Old Boys' Association—£200 to found a prize and medal in memory of Way College.
1939: F. Lucas Benham—£46,000 (estimate) to encourage the study of natural history.
1939: Mrs. R. F. Mortlock—£5,000 for cancer research.
1939: Mrs. L. E. Bateman—£2,340 for cancer research.
1940: Sir William Mitchell, K.C.M.G.—£5,000 as an endowment for the purchase of books for the Barr Smith Library.
1940: Mrs. Louisa Gardner—£1,500 to found a scholarship in Surgery in memory of Dr. William 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—£1,918 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—£3,718 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—£573 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—£8,841 for the purposes of the Waite Agricultural Research Institute.

DONATIONS

1879-82: The Right Hon. Sir S. J. Way, Bart.—£500 for University buildings.
1882-96: Sir Thos. Elder—£260 for prizes in Physiology.
1903-7: R. Barr Smith—£1,000 for the purchase of apparatus.
1907-12: Anonymous Donor—£1,500 for the purposes of the law school.

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

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. Pulleine, M.B., B.S.: An Emerson fuel calorimeter.
Mr. Napier K. Birks: An "Isko" freezing engine.
E. Angas 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 Appeal for Cancer in 1950 -	£100,000
Gifts in 1948 - - - -	£221		

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 present Majesty King George VI.), LL.D. (Cambridge, 1922) - - - - - - - 1927

His Royal Highness Henry William Frederick Albert, Duke of Gloucester, LL.D., (Cambridge, 1934) - - - - - - - - - - - - - 1935

This list was revised in 1931, in 1941, and in 1951 by the omission of deceased graduates: it will be similarly revised in 1961. For former lists see Calendars for 1930, 1940 and 1950.

A

Abbie, Andrew Arthur, D.Sc. (Sydney, 1941) - - - - - - - - - 1945
Abbott, Charles Anthony Lempriere, LL.B. - - - - - - - - - - 1947
Abbott, Charles Arthur Hillas Lempriere, B.A. - - - - - - - - - 1911
LL.B. - - - - - - - - - 1914
†Abbott, Derek Athol Lempriere, LL.B. 1950
Abbott, Geoffrey Joseph - - - - - 1921
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.) 1942 surrendered) 1943
Abbott, Nigel Basil Gresley, M.B., B.S. 1916
Abbott, Nigel Drury Gresley, M.B., B.S. 1944
Abotomey, Olive Wanda, B.A. - - 1930
Adam, David Bonar, B.Ag.Sc. (Melbourne, 1922) - - - - - - - - 1939
†Adam, Elizabeth Anderson, B.A. - - 1949
Adams, Arthur John Sorby, B.Sc. - - 1926
Adams, Colin Francis, B.E. - - - 1934
Adams, Dorothy Sorby, M.B., B.S. - - 1922
Adams, Edward James Stanley, B.E. - 1941
Adams, Frederick Penoyre, LL.B. - - 1923
Adams, John Clyde, B.E. - - - - 1941
Adams, Reginald Keith Sorby, M.A. - 1926
Addison, Stanley Simpson, B.Sc. - - 1908
Adey, Colin Richard, B.Sc. (Eng.) - - 1942
Adey, William Ross, M.D. (M.B., B.S., 1943) - - - - - - - - - - 1949
Aitchison, Erica Nancy, B.A. - - - 1931
Aitchison, Gordon Douglas, B.E. - - 1938
Aitchison, Gordon James, M.Sc. - - 1945
Aitchison, Gordon John, B.E. - - - 1927
Aitken, Gilbert William Elliot, M.B., B.S. - - - - - - - - - - 1943
Akhurst, Adrian, LL.B. - - - - - 1908
Alcock, Dudley Horace, B.A. - - - 1943
Alderman, Arthur Richard, D.Sc. - - 1943
Alderman, Colin Graham, M.B., B.S. - 1943
†Aldersey, Algernon Lumley Haydon, B.Sc. - - - - - - - - - - 1950
Aldersey, Richard Baker, B.Sc. - - - 1923
Alexander, Rosemary Margery Blanche, LL.B. - - - - - - - - - 1935
†Allardice, John Graham, B.E. - - - 1950
Allen, Dulce Dawn, B.A. - - - - 1945
Allen, Edgar, M.A. - - - - - - 1913
Allen, Gordon Vivian, B.E. - - - - 1936
Allen, Gwenneth Dawn, B.Sc. - - - 1947
Allen, Henry Joshua, M.A. - - - - 1929
Allen, James Lawrence, B.A. - - - 1935
Allen, John Bernard, B.A. - - - - 1942
Allen, John Howard, B.Sc. - - - - 1916
Allen, Leonard Nicholls, M.A. - - - 1933
Allen, Lois Waveney, B.A. - - - - 1913
Allen (nee Mann), Margaret Noble, B.A. - - - - - - - - - - 1927
†Allen, Maxwell George, B.Sc. - - - 1949
†Allen, Murray William, B.E. - - - 1950
Allen, Shirley Hope, B.Sc. - - - - 1943
Allen, William Douglas, B.Sc. - - - 1934
†Allert, Margaret Elizabeth, B.A. - - 1950
Allison, John Kenneth, B.A. - - - 1939
Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - 1947
Almond, William Wesley, B.Sc. (Eng.) 1945
Altmann, Arthur Richard, B.E. - - - 1920
Altmann, Herbert Franz, M.B., B.S. - 1922
†Altmann, Olive Stella, B.A. - - - - 1948
Ambrose, Betty Rosslyn, M.B., B.S. - 1936
Ambrose, John Rosslyn, M.B., B.S. - 1943
Amos, George Lewis, M.Sc. - - - 1939
Anders, Douglas John, B.Sc. - - - 1936
Anders, Ralph Charles, B.E. - - - 1934
Andersen, Kerstin Lillemor, B.A. - - 1934
Anderson, Adrian Akhurst, B.E. - - 1925
Anderson, Alan Bruce, B.Sc. - - - 1922
Anderson, Alison Margaret, B.A. - - 1937
Anderson, Aubrey James Clifton, B.A. 1947
Anderson, Claude Leonard, M.B., B.S. 1933
Anderson, Colin Charles, B.Sc. (Eng.) 1944
Anderson, Donald Robert Ross, M.B., B.S. - - - - - - - - - - 1947
Anderson, Dorothy Kathleen Ross, M.B., B.S. - - - - - - - - - 1942
Anderson, Geoffrey Fraser, LL.B. - - 1943
Anderson, Gwendoline Mary, B.A. - - 1933
Anderson, Isabella, B.A. - - - - - 1930
Anderson, Jack Sidney, M.B., B.S. - 1944
Anderson, Max Kimberley, M.B., B.S. 1943
†Anderson, Ronald Alexander, B.Sc. - 1948
Anderson, Sesca Ross, LL.B. - - - 1941
Anderson, William Moffat, B.E. - - 1920
†Andrew, Brian William, B.E. - - - 1948
Andrew, Hugh Graham, M.B., B.S. - 1941
Andrewartha, Herbert George, D.Sc. (M.Ag.Sc., Melbourne, 1932) - - 1947
†Andrews, Jean Mary Agnes, B.A. - - 1948
Andrews, Julian, M.B., B.S. - - - 1932
†Andrews, Murray William, B.Sc. - - 1949
Andrews, Richard Bullock, B.A. - - 1887
LL.B. - - - - - - - - - 1891
Angel, Laura Madeline, M.Sc. - - - 1938
Angel, Mary Taylor, M.B., B.S. - - 1931
Angove (nee Clare), Dorothy Cotgrave, B.A. - - - - - - - - - 1912
Angove, Roger Clare, M.B., B.S. - - 1938
Angus, William, B.Sc. (Aberdeen, 1900) 1905
Angus, William Roy, M.B., B.S. - - 1923
Angwin, William Britton, B.Sc. - - 1909
Annear, Douglas Innes, B.Sc. - - - 1944
Annells, William Charles, M.A. - - 1899
Appleby, Arthur George, B.E. - - - 1923
†Appleby, Cyril Angus, B.Sc. - - - 1949
Appleby, Harold Henry, M.B., B.S. - 1925
†Appleby, Ronald Louis, B.Sc. - - - 1950
†Appleton, Edgar Arthur, B.A. - - 1949
Apps, Bert Frederick George, B.A. (Melbourne, 1934) - - - - - - 1949
†Archer, Geraldine, M.B., B.S. - - - 1948
Archibald, Francis Callum, M.B., B.S. - 1944
Arden, Felix Wilfrid, M.D. (M.B., B.S., 1931) - - - - - - - - - 1934
Arnold, Donald Clyde, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - 1948
Arnold (formerly Weidenbach), Edwin, M.B., B.S. - - - - - - - - 1907
†Arnold, William Robert, B.E. - - - 1948
Arthur, Albert Ralph, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - 1947
Ash, Arthur Louis George, B.A. - - 1907
Ashby, Enid Lucy, B.Sc. - - - - 1947
Ashby, Hazel Gwenyth, B.Sc. - - - 1945
†Ashenden, Leslie Edward, B.A. - - 1949

† Not yet Members of the Senate.

Ashton, Colin Baker, M.B., B.S. - - 1941
Ashton, Elizabeth Mary, M.A. - - - 1944
Ashton, Evelyn Joyce, B.A. - - - - 1943
Ashton, Harry Tamblyn, B.Sc. - - - 1930
Ashton, Joseph Everette, LL.B. - - - 1922
Ashton, Mabel Winifred, B.A. - - - 1936
Ashworth, Clarice Mabel, B.A. (Sydney, 1917) - - - - - - - - - 1929
Astley, John Felix, LL.B. - - - - - 1922
Aston, Morrell Kenneth, B.Sc. - - - 1942
B.A. - - - - - - - - - - 1947
Atkins, Joan Darlington, LL.B. - - - 1937
†Atkinson, Douglas Ewen, B.Sc. (Eng.) 1949
Atkinson, Nancy, M.Sc. (Melbourne, 1932) - - - - - - - - - - 1938
Atwell, Leslie George Danks, B.A. - - 1930
†Auricht, Reginald Theodore, M.B., B.S. 1948
†Ayliffe, Roger Wyndham, B.Sc. - - 1948

B

†Backhouse, Paul Vivian, B.E. - - - 1950
Baddams, Greta, B.A. - - - - - - 1940
B.Sc. - - - - - - - - - - 1943
Baddams, Violet Thiele, B.A. - - - 1938
Badenoch, Reginald Leslie, LL.B. - - 1936
Badger, Colin Robert, M.A. - - - 1938
Badger, Donald Gibson, B.Ec. - - - 1937
Badger, Geoffrey Malcolm, D.Sc. (Glasgow) - - - - - - - - - - 1950
Badger, Lena Jessie, LL.B. - - - - 1937
Badger, Robert, LL.B. - - - - - - 1914
Badman, Shirley, B.Sc. - - - - - - 1945
Baghurst, Harold Charles, B.E. - - - 1942
Bagot, Edward Mead, M.A. - - - - - 1919
Bagot, John Hervey, B.A. (Cambridge, 1930) - - - - - - - - - - 1931
†Bailey, Alan Paterson, B.Ec. - - - 1948
Bailey, Frederick Manson, B.Sc. - - 1927
Baker, Arthur James Kendall, B.A. - 1914
Baker, Ralph Alderton, M.B., B.S. - 1912
Baker, Robert Morgan, B.Ag.Sc. - - 1940
Baker, Walter Ross, B.E. - - - - - 1931
Bald, Robert Cecil, LL.B. - - - - - 1930
D.Litt. - - - - - - - - - - 1946
Ball, Karl George, M.B., B.S. - - - 1946
Ballantyne, Elsie Ray, M.A. - - - - - 1931
Ballard, Leslie Alfred Tucker, B.Ag.Sc. (Melbourne, 1932) - - - - - - - 1933
M.Ag.Sc. - - - - - - - - - 1933
Bampton, Colin Charles, B.Sc. (Eng.) - 1942
†Banks, Alan, B.E. - - - - - - - - 1948
Barber, Howard Frank, B.A. - - - - 1939
Barber, Kenneth, B.Sc. - - - - - - 1944
Barbour, Graemme Madowal, M.A. - - 1922
Barbour, John Russell, M.S. (M.B., B.S., 1934) - - - - - - - - - - 1944
Barber, Robert, B.A. - - - - - - - 1916
Barbour, Robert Roy Pitty, M.A. (Oxford, 1930) - - - - - - - - - 1930
Barker, Alwyn Bowman, B.E. - - - - 1923
B.Sc. - - - - - - - - - - 1931
Barker, Edgar James, B.E. - - - - - 1936
Barlow, Douglas Arthur, B.Sc. - - - 1942
Barlow, Marguerite Mora, M.B., B.S. - 1947
†Barlow, Peter Douglas, B.E. (Interim B.Sc. (Eng.) 1947 surrendered) - - 1948
Barnard, Howard Lucas, B.E. - - - 1924
Barnard, Marguerita Mira, B.A. - - 1911
Barnden, Vina Melba, Mus.Bac. - - - 1935
†Barnes, Charles Stalley, B.Sc. - - - 1948
Barnes, Frederick Lynne, B.Sc. - - - 1938
Barnes, Marjorie Joyce, LL.B. - - - 1937
†Barnes, Robert, M.B., B.S. - - - - 1948
Barnes, Thomas Alfred, M.Sc. - - - 1950
Barnett, Samuel Powell, M.B., B.S. - 1927
Barnfield, George Thomson, LL.B. - 1937
Barr, Helen Elizabeth, B.Sc. - - - 1947
Barraclough, Sir Henry Egerton, M.E. (M.M.E., Cornell) - - - - - - - 1926
Barrett-Lennard, Lancelot, M.B., B.S. 1947
Barrett, Murray James, M.D.S. - - 1949
†Barrett, William Vernon, B.A. - - 1949
Barrien, Beryl Stoddart, M.Sc. - - - 1938
†Barrien, John, B.E. - - - - - - - 1948
†Barrow, Peter McKee, B.Ag.Sc. - - 1949
Barry, Alfred, LL.D. (Oxford) - - - 1889
†Barry, Brian Robert, B.Ec. - - - - 1950
Barter, Francis Charles, LL.B. - - - 1931
Barter, Kenneth Edwin, B.A. - - - 1931
Barter, Robert Alexander, M.B., B.S. - 1947
Barter, Ruth Estelle, B.A. - - - - 1931
Bartholomaeus, Clifford Geoffrey, B.E. 1930
Bartholomaeus, Edmund Stanley, B.A. 1914
Bartleet, Nancy Irene, B.A. - - - - 1939
Bartlett, William John, M.A. - - - 1914
Barton, Felix Kingston, B.A. - - - 1911
Barwell, Sir Henry Newman, LL.B. - 1899
Barwell, Mary Gilbert, B.A. - - - - 1926
Basedow, Fritz Johannes, B.E. (B.Sc., 1912, surrendered for B.E., 1913) - 1913
Basedow, Karl Johannes, M.B., B.S. - 1938
Batchelor, Florence Elizabeth Reine, M.A. - - - - - - - - - 1931
†Bateman, Peter Patrick, M.B., B.S. - 1950
Bateman, Wilfrid, B.Sc. - - - - - 1941
Bates, Brian Lewis, B.Sc. - - - - 1947
Bates, William George James, B.E. - 1935
†Bath, Donald James, B.E. - - - - 1950
†Battye, Gavin Ross, B.E. - - - - 1949
Baudinet, Walter Hooper, M.B., B.S. - 1935
Bauer, Franz, M.B., B.S. - - - - 1942
Bawden, Albert Victor, B.A. - - - 1930
Baxter, Reginald Robert, B.Sc. - - - 1912
†Bazeley, Francis, B.E. - - - - - 1950
Bean, Alan Reid, M.B., B.S. - - - 1917
Bean, Edgar Layton, B.A. - - - - 1913
LL.B. - - - - - - - - - 1922
Bean, Edgar Stewart, M.B., B.S. - - 1947
Beaney, Harold Leigh, B.E. - - - 1932
Beard, Donald Douglas, M.B., B.S. - 1947
Beard, Jack Roland Stanley Grose, M.B., B.S. - - - - - - - - 1914
Beard, Roland Maurice Charles Georges, M.B., B.S. - - - - - 1946
Beare, Frank Howard, M.D. (M.B., B.S., 1917) - - - - - - - - 1921
Beare, John Alan, B.Ag.Sc. - - - - 1937
†Beare, Thomas James, B.Sc. (Eng.) - 1949
Beaton, Doris Jean, LL.B. - - - - 1940
Beauchamp, Edward Benjamin, LL.B. - 1927
Beaumont, Paul Charles, B.A. - - - 1921
Beaumont, Olive Sowter, B.A. - - - 1939
Beck, Alan Beavis, M.Sc. - - - - 1932
†Beck, Merlin Benjamin, B.Ag.Sc. - - 1949
Beck, Robert George, B.Ag.Sc. - - 1941
Beckwith, Ralph Symonds, B.Sc. - - 1944
Beckwith, Shirley Katie, B.A. - - - 1939
Bednall, Brian Herbert, B.Sc. - - - 1925
Bednall, Maurice William, LL.B. - - 1924
Beech, Ernest Robert, M.B., B.S. - - 1932
†Beecham, Anthony Frank, B.Sc. - - 1950
Begg, Barbara Rosemary, B.Sc. - - 1947
†Begg, Betty Shannon, M.B., B.S. - 1949
Begg, Percy Raymond, B.D.S. (Melbourne, 1924) - - - - - - - - 1932
D.D.Sc. - - - - - - - - - 1935
Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered for B.E., 1918) - 1918
†Behrndt, Arthur Clive, M.B., B.S. - - 1948
Bell, Arthur Hammond, M.A. - - - 1925
Bell, Donald George, B.A. - - - - 1941
Bell, Edith Bevilacqua, B.A. - - - 1936
†Bell, Franklyn Gilbert, M.B., B.S. - 1949
Bennett (nee Berriman), Annie Stevens, B.A. - - - - - - - - - 1919
Bennett, Charles Gordon, B.A. - - - 1922
Bennett, David John, B.Sc. - - - 1932
Bennett, Donald Collier, M.B., B.S. - 1946
Bennett, Frederick Norman, B.A. - - 1905
Bennett, Graham Leslie, M.B., B.S. - 1935
†Bennett, Henry Trevor, LL.B. - - - 1950
Bennett, John Barkly, M.B., B.S. - - 1947
Bennett, John Nelson, LL.B. - - - 1944
Bennett, Keith McQuarrie, B.E. - - 1925
Bennett, Norman Robertson, M.B., B.S. 1919
†Bennett, Richard Barkly, M.B., B.S. - 1948
Bennett, Thomas Southall, B.A. - - 1933
Benskin, Frederick George, M.A. (Oxford, 1900) - - - - - - - - 192*

† Not yet Members of the Senate.

Benson, Maurice Bernard, B.A. (London) - - - - - - - - - 1950
Bentley, William James, B.A. - - - 1935
Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - - - - - - 1949
Berndt, Kenneth Lewis, B.Sc. - - - 1937
B.A. - - - - - - - - - - 1943
Berriman, Robert Harrold, B.E. (B.Sc., 1915, surrendered for B.E., 1919) - 1919
Bert, Ernest Julius, B.E. - - - - 1921
Berry, Frances Winifred, M.A. - - - 1919
Berry, Philip Alan, M.Sc. - - - - 1934
Best (nee Deland), Effie Wyllie, M.Sc. 1930
Best, Rupert Jethro, D.Sc. - - - - 1948
Bested, Gordon John, B.A. - - - - 1942
†Bettison, Margaret Selina, B.A. - - - 1949
Betts, Beatrice Berenice, B.A. - - - 1933
Betts, William James, M.B., B.S. - - 1941
Bevan, Medhurst Llewellyn Willett, LL.B. - - - - - - - - - - 1931
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - - - - - - 1947
Beviss, Archibald Charles Kidman, B.A. 1943
Biaggini, Ernest Gordon, D.Litt. - - 1944
Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920) - - - - - 1920
Bickford, Reginald Nevill Cudmore, M.B., B.S. - - - - - - - - - 1935
†Biddle, Enid Barbara, B.A. - - - - 1948
†Biddle, Gordon Crawford, B.Sc. - - 1950
Bidstrup, Patricia Leslie, M.B., B.S. - 1939
Billing, Geoffry Chandos, B.A. - - - 1922
Billitzer, Anthony Wolfgang, B.Sc. - 1943
Bills, Allan Maynard, B.A. - - - - 1931
†Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - 1949
†Bills, David Charles, B.Sc. - - - - 1950
Bills, Lawrence McAusland, LL.B. - 1937
Bills, Malcolm Bruce, B.D.S. - - - 1947
Bilney, Neil Joseph, B.A. - - - - 1938
Binns, Raymond Thomas, M.D. (M.B., B.S., 1923) - - - - - - - - 1937
Birch, John Bright, M.B., B.S. - - - 1915
Birch, Louis Charles, D.Sc. - - - 1949
Birks, Peter Macintyre, M.B., B.S. - 1934
Birks, Walter Gordon, M.B., B.S. - - 1937
Birks, Walter Richard, B.Sc. - - - 1910
Black, Edward William, Mus.Bac. - - 1925
Black, Eustace Couper, M.B., B.S. - - 1910
Black, Geoffrey Howard Barham, M.B., B.S. - - - - - - - - - - 1916
Blackburn, Arthur Seaforth, LL.B. - 1913
Blackburn, Sir Charles Bickerton, B.A. 1893
Blackburn, Harold Stewart, M.B., B.S. 1942
Blackburn, John Stewart, B.A. - - - 1914
Blackburn, Richard Arthur, B.A. - - 1939
Blackburn, Robert Stewart, B.D.S. - - 1941
Blackburn, Rosemary Neville, B.A. - 1945
†Blackburn, Suzanne Burton, M.B., B.S. 1948
Blacket, Arthur Howard, B.A. - - - 1927
Blacket (nee Dickinson), Edith Grace, B.A. - - - - - - - - - - 1926
Blades, James Frederick, B.A. - - - 1947
Blaess, Frederick John Henry, M.A. - 1943
Blaess, Ronald Frederick, B.A. - - - 1943
†Blair, David Scott, B.E. - - - - 1949
Blair, Euphemia Theodosia, M.A. - - 1916
†Blair, Joan Scott, B.A. - - - - - 1949
Blake, Milton Audley, B.Sc. - - - - 1923
†Blakeway, Lionel Norman, B.A. - - 1948
†Blaskett, Alan Charles, B.Sc. - - - 1950
Blaskett, Donald Reginald, B.E. - - 1940
Blaskett, Kenneth Selway, B.E. - - 1931
Blaskett, Sydney Norman, B.E. - - 1928
Bleby, Dorothy Aileen, B.A. - - - 1930
Bleby, Gordon Edward Henry, LL.B. - 1931
Bleby, John Raymond, B.A. - - - - 1933
Bleby, Thelma Evelyn, LL.B. - - - 1923
Blesing, Rae Flora, B.A. - - - - - 1947
†Blight, John Malcolm, B.Sc. - - - 1950
Bloomfield, Allan John, B.D.S. - - - 1939
Bloomfield, Jack Lee, B.Ec. - - - - 1943
Blown, William Baker, B.E. - - - 1930
Boas, Isaac Herbert, B.Sc. - - - - 1899
†Boehm, Ernst Arthur, B.Ec. - - - 1949
Boehm, Rolfe Vernon, B.E. - - - - 1935
Boer, Edward Douglas, M.B., B.S. - 1942
†Bolin, Beverley Louise, B.E. - - - 1948
Bollen, Christopher, M.D. (Toronto, 1891) - - - - - - - - - - 1894
Bollen, Kenneth Willoughby, M.B., B.S. 1918
Bond, Leonard Gordon, B.A. - - - 1924
Bone, Maxwell Harold, B.A. - - - 1938
†Bonner, Brian Christopher, B.Sc. - - 1950
Bonnin, James Arthur, M.B., B.S. - - 1946
Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936) - - - - - - - - - 1947
Bonnin, Lansell, M.B., B.S. - - - - 1941
Bonnin, Murray Frew, LL.B. - - - 1936
B.A. - - - - - - - - - - 1947
Bonnin, Noel James, M.S. (M.B., B.S., 1932) - - - - - - - - - - 1944
Bonython, Charles Warren, B.Sc. - - 1938
Bonython, John Langdon, B.A. (Cambridge, 1928) - - - - - - - - 1928
Booker, Robert Franklin, M.A. - - 1931
Boomsma, Clifford David, M.Sc. - - 1949
Booth, Edward Stirling, B.Sc. - - - 1932
Booth, Jean Marie, Mus.Bac. - - - 1944
Boothby, Charles Brinsley, LL.B. - - 1886
Borrow, Keith Travers, LL.B. - - - 1939
Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937) - - - - - - 1947
†Bosher, Peter Abel, B.E. - - - - - 1950
Bosher, Victor James Marcel, M.Sc. 1949
Bosworth, Richard Charles Leslie, D.Sc. 1938
Bosworth, Richard Leslie Eugene, B.Sc. 1901
†Botham, John Robert, B.Ag.Sc. - - - 1950
†Botten, Robert Gray, M.B., B.S. - - 1949
Boucaut, James Penn, LL.B. - - - 1939
Boundy, Clive Alfred Paul, B.E. - - 1935
Boundy, Rex, B.E. - - - - - - - 1928
†Boundy, William Stevenson, B.Sc. - 1950
Bourke, Elma Marie, B.A. - - - - 1933
Bourke, George Herbert, B.A. - - - 1924
Bourke, Herbert Merwin, M.B., B.S. - 1922
†Bourne, Malcolm Cornelius, B.Sc. - - 1949
Bowering, Beryl, M.B., B.S. - - - 1933
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
†Bowey, Ross Richard, M.B., B.S. - - 1948
Bowler, John Kirkpatrick, M.B., B.S. 1937
Bowness, Alexander, B.Ec. - - - - 1947
Boyce, Althea Enid, B.A. - - - - 1930
Boyce, Sidney Herbert, B.E. - - - 1928
Boyle, Kevin William, B.E. - - - 1940
Boyle, Lester Robert, M.D.S. (B.D.S., 1943) - - - - - - - - - - 1947
Bracken, Maurice John, B.A. - - - 1947
Braddock, Lyall Arthur, B.Ec. - - - 1944
Braden, Allan Walter Horace, B.Sc. - 1947
Bragg, Sir William Lawrence, B.A. - 1908
Bramwell, Myra Gladys, B.A. - - - 1940
†Brandstater, Rhona, B.Sc. - - - - 1949
Branson, Harrold Randolph, M.B., B.S. 1921
†Brasch, Leonard William, B.Sc. - - 1950
Brauer, Edwin Harold, B.A. - - - 1947
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899) - - - - - - 1905
Braunsthal, Norman Frank, B.Ec. - - 1947
Brawn, May, M.A. - - - - - - - 1924
†Bray, Andrew Mackie, B.E. - - - 1950
Bray, Elva Mildred, B.A. - - - - 1941
Bray, Gildart Harvey, M.A. (Aberdeen, 1890) - - - - - - - - - 1891
Bray, John Jefferson, LL.D. - - - 1937
Bray, John Marmion, B.Sc. - - - - 1942
†Bray, Robert Stow, B.Sc. - - - - 1950
Bray (nee Trengove), Rosalie Irene, M.A. - - - - - - - - - - 1930
Brazel, James Francis, LL.B. - - - 1926
†Brazier, John Richard, B.A. - - - - 1948
Breakwell, Ernest James, M.Ag.Sc. (B.Sc. Agric., Sydney, 1931) - - 1939

† Not yet Members of the Senate.

Brebner, Charles Cave, LL.B. - - - 1918
Bree, Ellen Ruth, B.A. - - - - - 1942
†Bree, Joan Alison, B.Sc. - - - - - 1948
Brice, Emilie Una, B.A. - - - - - 1937
Brideson, Hedley Cyril, B.A. - - - 1943
Bridgland, Milton Deane, B.Sc. - - 1942
Bridgland, Reginald James, M.E. - - 1935
Brigden, James Bristock, B.A. (Oxford, 1920) - - - - - - - - - 1926
Bright, Charles Hart, B.A. - - - - 1934
LL.B. - - - - - - - - - 1934
†Brindal, Rosemary Barbara, M.B., B.S. 1949
†Brisbout, John Augustus Roger, M.B., B.S. - - - - - - - - - - 1950
Broadbent, Eric Elihu, M.B., B.S. - - 1917
†Brock, Rex Richard Ashby, M.B., B.S. 1949
Brocksopp, John Ernest, LL.B. - - - 1934
Brockway, George Ernest Emerson, B.Sc. - - - - - - - - - - 1921
†Brokensha, Peter, B.E. - - - - - - 1950
Bromfield, Donald Hamilton, M.B., B.S. - - - - - - - - - - 1946
Bronner, Rudolph, M.A. - - - - - - 1926
†Brook, Donald Leslie, B.E. - - - 1949
Brooke, Joyce Ethel, M.Sc. - - - - 1939
Brooke, Malcolm Archibald, B.E. - - 1925
Brooke, William Charles Robert, B.E. 1931
Brookman, Benjamin Edward, M.B., B.S. - - - - - - - - - - - 1944
†Brookman, Graham George, B.E. - - 1949
Brookman, John Gordon, B.E. - - - 1937
Brookman, John Ragless, M.E. - - - 1925
Brooks, Albert Joseph, B.A. - - - 1904
Brooks, George Herbert, B.Sc. (Eng.) - 1943
Brooks, Joyce Dardanella, B.A. - - 1945
Brooks, Merle Olive, B.A. - - - - - 1947
†Brooks, Mervyn Leslie, B.Sc. - - - 1948
Brooks, Richard Rodney, B.E. - - - 1935
Broomhead, Edwin Norman, M.A. - - 1940
Brose, Henry Herman Leopold Adolph, D.Sc. - - - - - - - - - - 1931
Brous, Michel, M.B., B.S. - - - - - 1945
Brown, Arthur Cubitt, B.E. (B.Sc., 1911, surrendered for B.E., 1914) - 1914
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge) - - - - - - - 1926
Brown, Cyril Maitland Ash, B.A. - - 1932
†Brown, Dougal Hamilton, B.E. - - 1948
Brown, Enid Norma, B.A. - - - - - 1939
Brown, Ernest William, D.Sc. (Cambridge, 1897) - - - - - - - - 1914
Brown, Frederick George, B.A. (London, 1898) - - - - - - - - - 1906
B.Sc. - - - - - - - - - - 1910
Brown, Geoffrey Ivan, B.D.S. - - - 1946
†Brown, Geraldine Whittle, B.Sc. - - 1949
Brown, Henry, M.A. - - - - - - - - 1924
B.Ec. - - - - - - - - - - 1936
Brown, Howard Arthur, B.E. - - - 1938
Brown, Ian, B.Sc. - - - - - - - 1940
Brown, James Howard, M.B., B.S. - 1944
†Brown, Kenneth Aylesbury, B.D.S. - - 1950
Brown, Kenneth Barnden, M.B., B.S. - 1942
Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.) 1946 surrendered) - - 1948
Brown, Mary Home, B.Sc. - - - - - 1902
Brown, Reginald Dutton, B.Ec. - - 1945
Brown, Robert Foster, LL.B. - - - 1936
†Brown, Tasman, B.D.S. - - - - - 1950
Brown, Warwick Day, B.Sc. - - - - - 1944
Browne, John Walter, M.B., B.S. (Royal Ireland, 1900) - - - - 1908
Browne, Philip, M.A. - - - - - - - 1928
Browne, Thomas John, LL.D. - - - 1917
†Browning, Thomas Oakley, B.Sc. - - 1949
†Bruce, Clifford Roy, B.A. - - - - - 1949
Bruce, The Right Honourable Stanley Melbourne, LL.D. (Cambridge, 1923) - - - - - - - - - - 1926
Brummitt, Donald William, M.B., B.S. 1938
†Bryan, Claude John Dennis, M.B., B.S. 1950
†Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.) 1947 surrendered) - - 1948
†Buckley, Joseph Edward, B.Sc. - - - 1950
Buckett, Reginald Clement, B.E. - - 1931
Bull, Winnifred, B.A. - - - - - - 1943
Bulling, William John, B.E. - - - - 1939
Bullock, John Hynam, B.E. - - - - - 1936
Bundey, John Goode, M.B., B.S. - - 1947
Burdon, Ella Kate (nee McRostie), B.A. - - - - - - - - - - - 1915
†Burdon, Geoffrey Jasper, B.E. - - 1949
Burdon, Ivor Leslie, B.A. - - - - - 1943
†Burdon, Kenneth Roy, M.B., B.S. - 1949
Burdon, Roy Stanley, D.Sc. - - - - 1935
Burfield, Arthur, B.A. - - - - - - 1934
Burfield, Lance Samuel, B.E. - - - 1940
Burford, Warren Lindsay, B.Sc. - - 1945
Burger, George Emanuel, M.Sc. (Ph.D., Vienna, 1927) - - - - - - - 1940
Burgess, Annie Frances, B.A. - - - 1909
Burgess, Leslie Frank, B.Sc. - - - 1908
Burgess, Norman Cecil, B.E. - - - 1923
Buring, Franz Maurice, B.E. - - - 1923
Buring, Rupert Hermann Maurice, B.Sc. - - - - - - - - - - 1929
Burnard, David Alexander, Mus.Doc. 1932
Burnard, Donald Frank, B.E. - - - 1935
Burnard, Patricia de Garis, B.A. - - 1938
Burnard, Renfrey Gershom, M.B., B.S. 1904
Burnard, Richard de Garis, M.B., B.S. 1937
Burnell, Arthur William, M.B., B.S. - 1943
Burnell, Glen Howard, M.D. (M.B., B.S., 1916) - - - - - - - - 1920
Burnell, Reginald George, B.A. - - 1905
Burnett, Baltimore Edward Thackeray, B.A. - - - - - - - - - - 1937
†Burnett, Leonard Ward, B.E. - - - 1949
Burns, Chester Arnold, B.D.S. - - - 1929
Burns, John Cumming, B.D.S. - - - 1926
Burns, Mary Leonora, M.A. - - - - 1931
Burns, William Middleton, LL.B. - - 1920
†Burnside, James Patrick, B.Sc. - - - 1950
Burrage, Betty Dalmahoy, B.Sc. - - 1944
Burrell, Edward Sampson, B.D.S. - - 1940
Burrow, Allan Lincoln John, B.Sc. - - 1937
Burston, Robin Archibald, M.B., B.S. 1943
Burston, Samuel Roy, M.B., B.S. (Melbourne, 1910) - - - - - - - 1930
Burton, Alice Madge, M.A. - - - - 1931
Burton, Dudley Hopetoun, B.A. - - 1938
†Burton, Maxwell Victor, B.Ag.Sc. - - 1950
Burton, Nancy Glen, B.A. - - - - 1932
Burvill, George Henry, M.Ag.Sc. (B.Sc. Agric., Western Australia, 1931) - 1939
Butcher, Alan Edward, B.A. - - - 1931
Butler, Frederick Stanley, M.A. - - 1893
Butler, Kathleen Fiona, B.A. - - - 1944
Butler, Peter Forsythe, B.Ag.Sc. - - 1947
Butler, Stuart Thomas, M.Sc. - - - 1948
Butler, William Henry, B.Sc. - - - 1931
Butterworth, Clarence Gerald Roy, B.A. 1929
Buttery, Roland Richard, LL.B. - - 1924
Button, Reginald Ernest, B.E. - - - 1934
Buttrose, Ian, LL.B. - - - - - - - 1918
Byard, Douglas John, B.A. (Oxford, 1882) - - - - - - - - - - 1889
Byles, Baldur Unwin, B.Sc. - - - - 1925
Byrne, Alfred Dudley, M.B., B.S. - - 1927
†Byrne, Bernadette Marie Therese, B.A. 1950

C

Cahalan, Maurice James, B.Sc. (Eng.) 1945
Cairns, Hugh William Bell, M.D. (Oxford) (M.B., B.S., 1917) - - - - 1948
†Calder, David Everard, B.E. - - - 1949
Calder, Rex Finlayson Cormack, B.E. 1927
†Calder, Ronald Rex, B.E. - - - - - 1950
†Calder, Shirley Hilda, M.B., B.S. - - 1950
Caldicott, Emma Victoria, B.A. - - 1927
Caldwell, Hilda Valmai, B.Ec. - - - 1941
Camens, Ivan Maurice Henry, M.B., B.S. - - - - - - - - - - 1947
†Cameron, Ian Edmund, LL.B. - - - 1950
Cameron, Robert Ewen, B.A. - - - 1921
†Cameron, Roy James, B.Ec. - - - 1948

† Not yet Members of the Senate.

Campbell, Allan Gordon, M.S. (M.B., B.S., 1938) - - - - - - - - 1950
Campbell, Archibald Herbert, B.A. - 1925
Campbell, Archibald Way, M.B., B.S. 1896
Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889) - - - 1889
Campbell, Donald, LL.B. - - - - 1911
Campbell, Florence Way, Mus.Bac. - 1897
Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - - - - 1947
Campbell, Gordon Cathcart, B.A. - - 1906
LL.B. - - - - - - - - - - 1909
Campbell, James Way, B.A. - - - 1903
LL.B. - - - - - - - - - - 1905
Campbell, Jessie, B.A. - - - - - 1908
Campbell, Jessie, B.A. - - - - - 1929
Campbell, Kenneth Bruce Desmond, B.E. - - - - - - - - - 1931
Campbell, Thomas Draper, D.D.Sc. (B.D.S., 1921) - - - - - - - 1923
D.Sc. - - - - - - - - - - 1939
Cannell, Cedric James, B.Sc. - - - 1931
B.A. - - - - - - - - - - 1943
Canney, Richard Francis, M.A. - - 1922
B.Sc. - - - - - - - - - - 1926
†Canning, Albert Edward, B.E. - - 1949
Canny, Nicholas Joseph, B.Sc. - - - 1947
Cant, Alistair McKinnon, B.A. - - - 1939
Cant, Harry Arundale, B.Sc. - - - 1924
†Cant, Rodney Revett, B.Ag.Sc. - - 1949
Carey, Edward John, B.Ec. - - - 1946
Carey, Francis Clive Savill, Mus.Bac. (Cambridge, 1906) - - - - - - 1924
Carlin, Cyril Brooke, M.B., B.S. - - 1926
Carman, Robert Douglas, M.S. (M.B., B.S., 1939) - - - - - - - - 1948
Carman, Stephen Hewett, LL.B. - - 1936
Carmen, Noel Francis, B.A. - - - 1947
†Carmichael, Donald Ross, B.A. - - - 1950
Carne, Alfred George, B.A. - - - - 1912
Carne, Ian Hamilton, B.E. - - - - 1940
Carr, Emma Lucy, B.A. - - - - 1917
Carroll, Mary Philomena, B.A. - - - 1933
Carslaw, Horatio Scott, D.Sc. (Sc.D., Cambridge, 1908) - - - - - - 1926
Carter, Charles Robert, B.Sc. - - - 1947
†Carter, Edward Diment, B.Ag.Sc. - 1949
Carter, Elizabeth Reay, B.A. - - - 1942
Carter, Frank Killingbeck, B.Sc. - - 1922
Carter, Ida Jane, B.A. - - - - - 1918
†Carter, Maxwell John, B.Sc. - - - 1948
†Carthew, Allen Rex, B.Sc. - - - - 1949
Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - 1947
Carthew, Lancelot, B.A. - - - - - 1932
Cartledge, Jack Pickering, LL.B. - - 1921
Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - 1947
Cashmore, Alec Brooke, M.Sc. - - - 1938
Cashmore, George Herbert, M.B., B.S. 1927
†Cashmore, Helen Patricia, B.A. - - 1948
Casson, Leslie Frank, M.A. - - - - 1928
Casson, Paul Bevis, B.Sc. - - - - 1935
Catchlove, Sydney George Leyland, M.B., B.S. - - - - - - - - 1907
†Causby, Donald James, B.E. - - - 1950
Caust, David Kennings, M.B., B.S. - 1946
Caust, Leslie George William, B.A. - 1921
Cavalier, Herbert Ramsden, M.A. (Oxford, 1902) - - - - - - - - 1931
Cawte, Frederick George Nelson, B.A. 1943
†Cawte, John Ewart, M.B., B.S. - - 1949
Chalklen, Gwendoline Elizabeth, B.A. 1930
Chamberlain, Reginald Roderic St. Clair, LL.B. - - - - - - - - 1922
Chambers, William Charles Teesdale, M.B., B.S. - - - - - - - - 1942
Champion de Crespigny, Sir Constantine Trent, M.D. (Melbourne, 1906) 1913
Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930) - - - - - - - - - 1933
Chandler, Arthur James, M.B., B.S. - 1927
Chapman, Arthur Horsley, B.E. - - 1927
Chapman, Ernest Stirling, B.D.S. - - 1928
Chapman, Frank Hewett, LL.B. - - 1930
Chapman, John Marsden, B.A. - - - 1934
Chapman, Robert Hall, M.E. (B.Sc., 1910, surrendered for B.E., 1913) - 1921
Chapman, Stanley Bertram, B.Sc. - - 1931
B.E. - - - - - - - - - - 1934
Chapman, William Glanville, B.E. - 1935
†Chappell, John Graham, B.Sc. - - - 1950
Chapple, Alfred, B.Sc. - - - - - 1894
Chapple, Colin Frederic, M.B., B.S. - 1936
Chapple, Harold, B.Sc. - - - - - 1900
Chapple, Phoebe, B.Sc. - - - - - 1898
M.B., B.S. - - - - - - - - 1904
Chard, June Myra, M.B., B.S. - - - 1947
Charlesworth, Thomas William, M.A. 1932
†Chartres, Bruce Aylwin, B.Sc. - - - 1950
†Cheek, Allison Mary, B.A. - - - 1949
Cheek, Bruce Mansfield, M.A. - - 1949
Cheek, Donald Brook, M.B., B.S. - - 1947
Cheek, Nancy Olive, M.B., B.S. - - 1942
Cheesman, Graham Frank, M.B., B.S. 1946
Cherry, Aileen Percival, B.A. - - - 1934
M.B., B.S. - - - - - - - - 1949
Cherry, Alan Percival, M.B., B.S. - - 1941
Cherry, Edward Percival, M.B., B.S. - 1938
Chester, Harry Leonard, M.B., B.S. - 1925
†Chesterman, Harry Martin, B.E. - - 1950
Chibnall, Helen, B.Sc. - - - - - 1944
†Chick, John Bertram, B.Sc. - - - - 1948
Chignell, Arthur Kent, B.A. - - - 1900
Child, Marie Beatrice, B.A. - - - 1926
Chilman, Eliza Stewart, B.A. - - - 1930
Chinner, Beryl Esther, Mus.Bac. - - 1947
Chinner, Melville Ernest, M.D. (M.B., B.S., 1925) - - - - - - - - 1938
Chittleborough, Laurel Evelyn, B.A. - 1947
†Chittleborough, Robert Graham, B.Sc. 1948
†Choate, Max Paul, B.A. - - - - - 1950
Christie, Margaret, B.A. - - - - - 1945
Christie, Patrick Joseph, LL.B. - - 1925
Christie, William, M.B., B.S. - - - 1925
Christophersen, Jack Vivian, B.D.S. - 1927
†Church, Jack Raymond, B.Sc. - - 1949
Church, John Henry, M.A. - - - - 1934
Churchward, Spencer, M.A. - - - 1903
Churchward, Stella Mary, B.Sc. - - 1904
Cilento, Sir Raphael West, M.D. (M.B., B.S., 1918) - - - - - - - - 1922
Clapp, Cedric Norman, B.D.S. - - - 1938
Clapp, Kevin Hubert, B.Sc. - - - - 1947
Clark, Allan David Everett, B.A. - - 1935
Clark, Annie Winifred, M.B., B.S. - 1922
Clark, Archie Septimus, B.Sc. - - - 1900
Clark, Edward Vincent, B.Sc. - - - 1895
Clark, Helen Goldthorp, M.Sc. - - 1948
Clark, Hugh Rodney, M.E. - - - - 1938
Clark, John Francis, B.D.S. - - - - 1922
Clark, John Osborne, LL.B. - - - 1941
†Clark, Pauline, B.Sc. - - - - - 1948
Clark, Robert John, LL.B. - - - - 1933
Clark, William Rodney, M.B., B.S. - 1944
Clarke, Brian Russell, B.Sc. - - - 1945
Clarke, Harold Vernon, B.D.S. - - 1934
Clarke, Miles de Courcy, M.B., B.S. - 1942
†Clarke, Phil Gregory, B.A. - - - - 1948
Clarke, Reginald Harry, B.Sc. - - - 1938
B.A. - - - - - - - - - - 1942
Clarkson, Alan James, M.B., B.S. - - 1934
†Clarkson, Colin Lloyd, B.Sc. - - - 1950
Clayton, Arthur Ross, M.B., B.S. - - 1902
Cleggett, Edith, B.A. - - - - - 1921
Cleland, Elizabeth Robson, M.Sc. - - 1935
Cleland, Joan Burton, M.Sc. - - - 1947
Cleland, John Burton, M.B. (Sydney, 1902) - - - - - - - - - - 1902
Cleland, Margaret Burton, M.B., B.S. - 1932
†Cleland, Pamela Mary, B.A. - - - 1949
Cleland, Peter Fullerton, LL.B. - - 1947
Cleland, William Paton, M.B., B.S. - 1934
†Clements, Trevor Murray, B.D.S. - - 1950
Clode, Ailsa Marjorie, B.A. - - - - 1928
Close, Frank William, B.Sc. - - - - 1931
Close, Mary Frances, B.A. - - - - 1940

† Not yet Members of the Senate.

Close, Maynard Davidson, B.A. - - 1938
Close, Ronald Wilkinson, B.Sc. - - 1929
Close, Rosemary Jocelyn, M.B., B.S. - 1947
Close, Walter John Westcott, M.S. (M.B., B.S., 1913) - - - - - - 1929
†Coaldrake, John Edward, B.Sc. - - 1949
†Coates, Dorothy Ravelle, M.B., B.S. 1949
Coates, John Richard, M.B., B.S. - - 1944
Coats, Claude Hampson, M.A. - - - 1929
Coats, Douglas Alan, M.B., B.S. - - 1946
Cock, Alexa Beatrice, B.A. - - - - 1921
Cock, Herbert Edward, B.D.S. - - - 1941
Cock, Leonard Ambrose, M.B., B.S. - 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
Cocks, Alec Douglas, B.D.S. - - - 1924
Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925) - - - - - - 1939
Cocks, Edward Desmond, M.B., B.S. - 1942
Cocks, Sydney Gordon, B.D.S. - - - 1925
†Coggins, Robert Symes, B.Sc. - - - 1949
Coghlan, Marie Teresa Clare, B.A. - 1928
†Cohen, Alexander Kevin, M.B., B.S. - 1950
Cohen, Lena Sybil, B.A. - - - - - 1934
†Colby, Eunice Mary, B.Sc. - - - 1949
Cole, Cyril Richard, B.Sc. - - - - 1914
†Cole, Reuben Herbert George, B.Sc. - 1950
Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - 1947
Cole, Thomas Haslam, LL.B. - - - 1922
Colebatch, Gordon Thomas, B.E. - - 1932
Colebatch, John Houghton, M.B., B.S. 1933
Colebatch, Walter John, B.Sc. (Edinburgh, 1903) - - - - - - - - 1906
†Coleman, Arthur Paul, B.E. - - - 1948
Coleman, Arthur Philemon, M.A. (Victoria University, Canada, 1880) - - 1914
Coleman, Isobel Beryl Jean, B.A. - - 1939
Coleman, Margaret Christine, B.A. - 1945
Coles, Margaret Elizabeth, B.Sc. - - 1945
Coles, Mignonette, B.A. - - - - - 1912
Coles, Philip Douglas, B.A. - - - - 1936
Collins, Charles Vincent, B.A. - - - 1931
†Collins, Frank Miles, B.Sc. - - - - 1950
Collins, Frank Sandford, B.E. - - - 1942
Collins, Leslie William Nettell, B.E. - 1931
Collins, Marjorie Isabel, B.Sc. (Sydney, 1916) - - - - - - - - - 1918
Collison, Edith, B.Sc. - - - - - - 1900
Colman, William Russell Goodwin, B.E. - - - - - - - - - - - 1922
Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929) - - - - - - 1933
Colton, John Blacker, LL.B. - - - 1941
Colton, Robert Stirling, M.B., B.S. - 1944
Colville, Arthur Landseer, LL.B. - - 1905
Colville, John Stuart, B.Sc. - - - - 1948
Comley, Charles Herbert, M.A. - - - 1906
B.Sc. - - - - - - - - - - 1910
Condon, Robert Francis, B.Sc. - - - 1940
M.B., B.S. - - - - - - - - - 1946
Connor, John Leo, B.A. - - - - - 1935
Conybeare, William James, B.A. (Cambridge, 1894) - - - - - - - - 1895
Cook, Ernest Peter, B.E. - - - - - 1929
Cook, Gordon James, B.Ec. - - - - - 1941
Cooke, Allan George, B.E. - - - - 1945
Cooke, Barbara Ternent, B.Sc. - - - 1936
Cooke, Florence Emmeline, Mus.Bac. 1900
†Cooke, Frank Edward, B.Sc. - - - 1950
Cooke, Peter Ternent, B.Sc. - - - 1931
Cooke, Raymond Greayer, M.Sc. - - 1938
Cooke, William Ternent, D.Sc. - - - 1905
Cooling, Max Sylvester, M.B., B.S. - 1944
Coombe, Alec Holloway, M.A. - - - 1933
†Coombe, Bryan George, B.Ag.Sc. - - 1948
Coombe, Harold Robert, B.D.S. - - 1923
Coombe, Murray Taylor, B.Sc. - - - 1942
Coombe, Reginald Joseph, LL.B. - - 1923
†Coombe, Robert John, B.D.S. - - - 1950
Coombe, Samuel Walter, B.A. - - - 1919
Cooper, Adrian Harry Campbell, B.A. 1935
Cooper, Constance May, M.B., B.S. - 1904
Cooper, Donald Counter, M.B., B.S. - 1921
Cooper, Kenneth Francis, M.B., B.S. - 1929
†Cooper, Maxwell, B.Sc. - - - - - 1950
Cooper, Thomas Edwards, B.E. - - 1922
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered for B.E., 1913) - 1913
Coote, George Gilbert, B.Sc. - - - 1931
B.A. - - - - - - - - - 1939
Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - - - - 1948
Corbin, Cecil, M.B., B.S. - - - - 1894
Corbin, Clive Wilson, B.E. - - - - 1932
Corbin, Horace Hugh, B.Sc. (London, 1904) - - - - - - - - - - 1913
Corbin, John Ogilvie, M.B., B.S. - - 1933
Corbin, Katherine Anne, LL.B. - - 1941
Cormier, Kathleen, B.A. - - - - - 1943
Cornell, James Gladstone, M.A. (Melbourne, 1928) - - - - - - - - 1938
Corney, Eric Ronald, M.A. - - - - 1937
Cornish, Alan Alfred Ernest, B.E. - - 1939
†Cornish, Anne Claire, B.A. - - - 1949
Cornish, Brian Leslie, M.B., B.S. - - 1947
Cornish, Edmund Alfred, M.Sc. - - 1940
Cornish, Jack Rodolph, LL.B. - - - 1928
Cornish, John Edwin, B.Sc. - - - - 1943
Cornish, Joseph Ruskin, M.B., B.S. - 1923
Corpe, John Wood, B.E. - - - - - 1935
Corry, Samuel Lloyd, M.B., B.S. - - 1910
Cosgrove, Bernard Augustin, B.A. - - 1942
Cosh, Elma, B.A. - - - - - - - - 1944
Cosh, James Malthouse, B.A. - - - 1943
†Cosh, Joyce Rosalind, B.A. - - - 1949
Cottell, Dorothy Jean, B.A. - - - - 1940
†Cottew, Geoffrey Selkirk, B.Sc. - - 1949
Cotton, James Murray, M.B., B.S. - 1926
†Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - - - - 1949
Cottrell, Eric, B.E. - - - - - - - 1935
†Couche, Raymond Arthur, B.Sc. - - 1949
†Coulls, Brian Helston, B.Sc. - - - 1950
Coventry, Cameron Hilder, B.Sc. - - 1900
Covernton, John Selby, M.D. (M.B., B.S., 1931) - - - - - - - - - 1947
Cowan, Darcy Rivers Warren, M.B., B.S. - - - - - - - - - - 1908
Cowan, George Dalrymple, LL.B. - - 1911
Cowan, Leslie Thompson, B.Sc. - - 1907
Cowan, Robert Francis, B.A. - - - 1912
Cowan, Ronald William Trafford, B.A. 1936
Cowan, William Albert, M.A. (N.Z., 1930) - - - - - - - - - - 1934
Coward, Ivan Fernley, B.Ec. - - - 1940
Cowden, Kenneth Laurence Brooke, M.B., B.S. - - - - - - - - - 1932
Cowell, Dorothy Margaret, B.A. - - 1941
Cowell, Geoffrey Reginald, B.Sc. - - 1922
Cowell, James Richard, B.A. - - - 1939
†Cowley, George Russell, B.E. - - - 1949
Cowley, John Maxwell, M.Sc. - - - 1945
†Cowling, Brian Deucalion, M.B., B.S. - 1948
Cowling, Gordon Aubrey, B.E. - - - 1928
Cowling, Lionel Deucalion, M.B., B.S. 1923
Cowperthwaite, Elsie Eleanor, M.A. - 1906
Cox, Alwyn Birchmore, M.Sc. - - - 1932
Cox, Carlton Ingham, B.Sc. - - - - 1929
Cox, David Vassall, Mus.Bac. - - - 1936
Cox, David William, B.Sc. - - - - 1934
†Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - 1948
Cox, Rudolph William Arthur, B.E. - 1921
Crabbe, Gavin Murray, M.B., B.S. - 1927
Crafter, Kenneth Charles, M.B., B.S. - 1944
†Craig, William Alexander, B.E. - - 1950
Cramond, Kelvin Malcolm (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - - - - - - - - - - 1945
Crampton, Mary Hope St. Clair, M.A. 1926
Cran, James Alexander, B.D.S. (B.D.Sc., Queensland, 1936) - - - - - - 1949

† Not yet Members of the Senate.

Crane, Alexander Herbert, B.Sc. - - 1926
Crane, Greta Ruby, B.Ec. - - - - 1937
†Craton, Patricia Clarice, B.A. - - - 1948
Craven, David Edward, M.B., B.S. - 1943
Crawfurd, Lionel Payne, M.A. (Oxford, 1890) - - - - - - - - - 1897
†Creed, Philip John, M.B., B.S. - - - 1950
Cresswell, Edwin Fletcher, B.E. - - 1927
Cresswell, George Edwin, LL.B. - - 1939
Cresswell, Reginald Gilbert Dorrien, LL.B. - - - - - - - - - - 1937
Crisp, Brian Correll, B.D.S. - - - 1945
†Crisp, Charles Stephens, B.Sc. - - - 1948
†Crisp, John Douglas Correll, B.E. - - 1950
Crisp, Leslie Finlay, M.A. - - - - 1948
Crisp, Margaret Emily, M.Sc. - - - 1950
Crocker, Dudley Furneaux, B.E. - - 1939
Crocker, Robert Langdon, D.Sc. - - 1948
Crocker, Walter Russell, B.A. - - - 1925
Croker, Annie Isobel, B.A. - - - - 1934
Cromer, D'Arcy Ananda Neil, M.Sc. - 1935
Crompton, David Owen, M.B., B.S. - 1939
Crompton, James Woodhouse, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - - - - - 1949
†Crompton, Robert Woodhouse, B.Sc. - 1948
Crook, Marjorie Marion, B.A. - - - 1940
Crook, Richard Dallas, B.Sc. - - - 1940
Cropley, Frederick Waterton, B.E. - 1932
Crosby, Melville Alexander Keith, M.E. 1944
Crosby, Neil Daniel, M.B., B.S. - - 1935
Crosby, Raymond Wilbur Louis, M.B., B.S. - - - - - - - - - - 1940
†Croucher, Colin, M.B., B.S. - - - 1950
Crouchley, Jim, M.Sc. (B.Sc., W. Aust.) - - - - - - - - - - 1945
Crozier, John Edwin Digby, M.D. (Cambridge, 1931) - - - - - - 1932
Cruickshank, Donella Heather, M.Sc. - 1943
Crump, Cecil Charles, LL.B. - - - 1923
B.A. - - - - - - - - - - - 1935
Cudmore, Sir Arthur Murray, M.B., B.S. - - - - - - - - - - 1894
Cudmore, Collier Robert, B.A. (Oxford, 1909) - - - - - - - - - 1932
Cullity, Thomas Brendan, M.B., B.S. 1947
Culshaw, George Vincent, LL.B. - - 1927
Culver, Dorothy Evelyn, B.Sc. - - - 1945
†Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - 1949
B.Sc. - - - - - - - - - - 1949
Culver, Roy Vernon, B.Sc. - - - - 1940
†Curry, Allan Ralph, B.E. - - - - 1949
Cussen, Nan Woodforde, B.A. - - - 1935
Custance, Harold Maxwell, B.Sc. - - 1941
Custance, John Kentish, B.E. - - - 1947

D.

Dack, Thomas, B.A. - - - - - - - 1936
Daddow, Henry Howard, B.A. - - 1940
†Daenke, Lachlan Lewis, B.D.S. - - - 1950
Dallwitz, Walter Berthold, B.A. - - 1940
M.Sc. - - - - - - - - - - 1943
Daltry, Kate, M.A. - - - - - - - 1924
†Dalziel, Lawrence Henry, B.A. - - 1949
†Daniell, Aileen Edna, B.A. - - - - - 1950
Darling, Leslie Hayward, M.Sc. - - 1949
†Darragh, Peter John, B.Sc. - - - - 1950
Dart, Ralph John, B.E. - - - - - 1915
Darwin, Errol Raffael Henry, B.Sc. - 1907
Darwin, Lisle Julius, M.A. - - - - 1910
Davey, Constance Muriel, M.A. - - 1918
Davey, Esther Marion, B.Sc. - - - 1915
Davey, Laurence Llewellin, M.B., B.S. 1913
Davey, Roy Herbert, B.Sc. - - - - 1920
David, Daniel Arthur, M.A. - - - 1930
Davidson, Roy Laidlaw, B.A. - - - 1907
Davies, Clive Runnalls, B.A. - - - 1909
Davies, David Llywelyn, M.B., B.S. - 1943
Davies, Ernest Salter, M.A. (Oxford) - 1937
Davies, Natalia, B.A. - - - - - 1930
†Davies, Rodney Deane, B.Sc. - - - 1950
†Davies, Sheila Caroline, B.A. - - - 1948
Davies, William Laurence, B.A. - - 1914
Davis, Christine Joyce, B.A. - - - 1937
Davis, David, B.A. - - - - - - - 1906
†Davis, Edward Bruce, B.Sc. - - - 1949
Davis, Harold Julian, M.B., B.S. - - 1927
Davis, Henry Hargan, B.E. (Sydney, 1943) - - - - - - - - - - 1947
Davis, Hubert Garth, M.B., B.S. - - 1937
Davis, John Alexander, B.E. - - - 1929
†Davis, Kingsley, B.E. - - - - - - 1950
Davis, Ray, B.Sc. - - - - - - - 1915
†Davis, Robert Bruce, B.A. - - - - 1948
Davison, Gordon William, B.A. - - 1931
Davoren, John Joseph, LL.B. - - - 1922
Daw, Francis Alan, B.Sc. - - - - 1945
Dawbarn, Mary Campbell, M.Sc. - - 1928
Dawkins, Albert Norman, B.E. - - 1922
Dawkins, Alec Letts, M.B., B.S. - - 1927
Dawkins, Alfred Ernest, B.Sc. - - - 1912
Dawkins, Donald Campbell, M.B., B.S. 1939
Dawkins, Lindsay Cramp, B.E. - - - 1932
Dawkins, Margaret Ina, B.A. - - - 1938
Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899) - - - - - - 1920
Dawson, Alfred Lisle, B.Sc. - - - - 1926
Dawson, David Lancelot, B.A. - - - 1934
Dawson, Geoffrey Dean, B.E. - - - 1937
Dawson, Joseph Bernard, M.D. (London, 1911) - - - - - - - - - 1920
Dawson, Michael Dean, M.B., B.S. - 1942
Day, Alison Chapman, B.Sc. - - - 1947
Day, Allan John, M.Sc. - - - - - 1950
Day, John Bice, B.D.S. - - - - - 1944
Day, Kathleen Emily, B.Sc. - - - 1931
Day, Robert Sydney, M.B., B.S. - - 1934
Deam, Robert Joseph, B.Sc. - - - 1942
Deans, Absalom, B.A. - - - - - - 1912
Dearlove, Thomas Pearce, M.B., B.S. 1942
†Dearman, Cyril Henry, B.E. - - - - 1950
De Boehme, Cecil Brooks, LL.B. - - 1931
†Deer, John Gregory, B.Sc. - - - - 1948
†Deer, William Henry, B.E. - - - - 1950
Deland (nee Robjohns), Annie Joan, B.A. - - - - - - - - - - - 1923
Deland, Charles Mervyn, M.B., B.S. - 1924
Deland, Raymond John, B.Sc. - - - 1947
†Dellow, Peter Glynn, B.D.S. - - - 1949
Delmont, William George, B.D.S. - - 1932
Delprat, Lica, M.B., B.S. - - - - 1910
Delprat, Mary Johanna Alberta Theodora, M.B., B.S. - - - - - - 1909
Dempsey, Richard Francis, LL.B. - - 1888
Dennis, Alan Henry, B.A. - - - - 1936
†Dennis, Edwin, B.Sc. - - - - - - 1950
Denton, Noel Fletcher, M.B., B.S. - - 1945
Derrington, Arnold Ward, M.B., B.S. - 1947
Devaney, Helen, LL.B. - - - - - 1942
de Vidas, Jack, M.B., B.S. - - - - 1938
†Dewar, Colin Chudleigh, M.B., B.S. - 1949
Dewar, John, B.Sc. (Eng.) - - - - 1945
†Dickson, Warren, B.A. - - - - - 1949
Dibden, Frederick Andrew, M.B., B.S. 1941
Dibden, William Andrew, M.B., B.S. 1939
Dick, Gordon Stuart Blyth, B.Sc. - - 1923
Digance, James Roy, B.A. - - - - 1945
Diggle, John Nelson, M.B., B.S. - - 1946
†Dilworth, Nerida Margaret, M.B., B.S. 1950
Dinning, Alfred Ernest, B.A. - - - 1915
†Dinning, Rodney Alfred Brady, B.A. - 1950
Dinning, Trevor Alfred Ridley, M.B., B.S. - - - - - - - - - - 1942
Disher, Ian MacKinnon, B.D.S. - - 1943
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, Eleanor Ngaire, B.Sc. - - 1950
†Doman, Frederick Spencer Howe, M.B., B.S. - - - - - - - - - - 1949

† Not yet Members of the Senate.

Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agric. Sydney, 1933) - - - 1939
Donaldson, Arthur, B.A. - - - - 1881
Donaldson, George, B.A. - - - - 1882
Donaldson, Muriel Grace, B.A. - - - 1934
Donnellan, Teresa Marie, B.A. - - 1945
Donnelly, Thomas Hewson, M.B., B.S. 1937
Donnelly, Thomas Hugh, M.B., B.S. - 1911
Donnithorne, William, LL.B. - - - 1926
Donovan, Mortimer Edward, M.B., B.S. - - - - - - - - - - 1946
Doolan, Ernest Joseph, B.A. - - - 1944
†Dorman, David Charles, B.Sc. - - - 1950
Dornan, John Ernest, M.B., B.S. - - 1940
Dornwell, Edith Emily, B.Sc. - - - 1885
Dorsch (nee Heyne), Agnes Marie Johanna, B.A. - - - - - - - - 1891
Dorsch, Ernst Georg, B.A. - - - - 1915
Dorsch, Ida Margarete, B.A. - - - 1926
Dorsch, Magdalene Hedwig, B.A. - - 1926
Dorsch, Theodor Siegfried, B.A. - - 1933
Dorsch, Wilhelm Bernhard, M.B., B.S. 1933
Doudy, Cecil Roy, LL.B. - - - - 1906
†Douglas, Donald Robin, B.Sc. - - - 1949
Douglas, Francis John, M.B., Ch.B. (Melbourne, 1897) - - - - - - - 1898
Douglas, Hugh Matheson, M.B., B.S. - 1947
Douglas, Robert Langton, M.A. (Oxford, 1891) - - - - - - - - - 1900
Douglas, Sholto John, M.B., B.S. - - 1930
†Dow, William Harold John, B.Sc. - - 1949
†Dowding, Alan Lorimer, B.Sc. - - - 1950
†Dowdy, Norman James, B.A. - - - 1948
Dowie, David Lincoln, M.E. - - - 1935
Dowling, Donald Augustus, M.B., B.S. 1923
Downey, Donnell Raymond, LL.B. - 1930
Downing, Donald Lewis, B.Sc. - - 1944
Downs, Benjamin, M.E. (Liverpool, 1947) - - - - - - - - - - 1949
Downs, George William, B.A. - - - 1947
†Downs, Howard Albert, B.A. - - - 1949
Doyle, Leo James, LL.B. - - - - 1931
Drabsch, Alfred Felix, B.A. - - - 1941
Draper, Fred, B.Sc. - - - - - - 1924
Draper, Morrell Henry, M.B., B.S. - 1944
Drever, Donald Edward, M.B., B.S. - 1926
Drew, Charles Francis, M.B., B.S. - 1911
Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - - - - - 1947
Dridan, Julian Randal, B.E. - - - 1922
Driscoll, Hilda Marion, B.A. - - - 1908
Drummond, Euphemia Gibb, B.A. - 1923
Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - 1947
†Ducray, Suzette Eleanor, M.B., B.S. - 1949
Duffield, Kenneth Churchill, LL.B. - 1925
Duguid, Charles, M.B., B.S. (Glasgow, 1909) - - - - - - - - - - 1920
Duguid (nee Lade), Phyllis Evelyn, B.A. - - - - - - - - - - - 1925
†Duguid, William George, M.B., B.S. - 1948
Dumas, Russell John, M.E. (B.Sc. 1909, surrendered for B.E., 1913) - 1931
Duncan, James Playford, B.E. - - - 1941
Duncan, Keith Sinclair, B.E. - - - 1922
†Duncan, Ross, B.A. - - - - - - - 1949
Duncan-Hughes, John Grant, M.A. (Cambridge, 1910) - - - - - - 1910
Dungey, Kevin Leonard, B.A. - - - 1943
Dunhill, Sir Thomas Peel, M.D. (Melbourne, 1906) - - - - - - - 1935
Dunlevie, Ellen Emily, B.A. - - - 1927
Dunn, Edith Marie, B.A. - - - - 1940
Dunn, Sydney Stephen, B.A. - - - 1947
Dunn, Talbot Lewis, M.B., B.S. - - 1927
Dunne, Lawrence John, B.Sc. - - - 1947
Dunning, John Angus, M.A. (Oxford, 1937) - - - - - - - - - - 1950
†Dunstan, Donald Allan, LL.B. - - - 1949
†Dunstan, Ian Henderson, B.D.S. - - 1950
Dunstone, Glen Donald, B.D.S. - - 1946
Dunstone, John Leonard, M.B., B.S. - 1939
†Dunstone, Max Warwick, M.B., B.S. - 1948
Dunstone, Sydney Morgan Lewis, M.B., B.S. - - - - - - - - - - 1939
†DuRieu, Beverley Robertson, B.Sc. - 1949
Dutton, Alan Hewitt, B.E. - - - - 1938
Dutton, Alice Irene, M.B., B.S. - - 1940
Dutton, Gilbert Henry, B.Sc. (Wales, 1902) - - - - - - - - - - 1921
Dwyer, John Matthew, M.B., B.S. - 1928

E

Eardley, Constance Margaret, M.Sc. - 1949
Eardley, Frederick William, B.A. - - 1913
Earl, Dorothy Elizabeth, B.A. (London, 1915) - - - - - - - - - 1917
†Earl, John Alfred, M.B., B.S. - - - 1949
Earl, John Campbell, D.Sc. - - - 1926
East, Vernon Roy, B.A. - - - - - 1943
Eberhard, Sydney Thomas, B.Sc. - - 1944
Eckersley, Arnold Broughton, B.D.S. - 1938
Eckersley, Percy Cyril Wheaton, B.A. 1921
†Eddy, David Rendall, B.Sc. - - - 1949
Eddy, James Robert, B.Sc. (Eng.) - 1942
Edelman, Howard John, M.B., B.S. - 1939
Eden, Owen Frederick, B.Sc. - - - 1947
Edeson, Emily Geraldine, M.A. (Melbourne, 1895) - - - - - - - - 1902
Edgar, Robert Steel, M.Sc. - - - - 1945
Edgeloe, Victor Allen (Clerk of the Senate), B.A. - - - - - - - - 1932
Edgerley, Margaret Janetta, B.A. - - 1927
†Edgerley, Mark William, B.Sc. - - - 1950
Edmonds, Stanley Joe, M.Sc. - - - 1947
B.A. - - - - - - - - - - - 1935
Edwards, Allan Kingswood Morgan, B.Sc. - - - - - - - - - - 1930
†Edwards, Gordon Robert, B.Ag.Sc. - 1949
Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S. 1921) - - - - - - - 1923
Edwards, Karl Francis, M.B., B.S. - 1932
Edwards, Naomi June, B.D.S. - - - 1944
Edwards, Shirley Blanche, B.Sc. - - 1944
†Edwards, Victor Wilfred Alcorn, B.A. 1948
Eglinton, Margi Stewart, B.Sc. - - - 1945
Ehmcke, Freda Evelyn, M.B., B.S. - - 1931
Eimer, George Herman, B.E. - - - 1937
Elder, Audrey Olive, B.A. - - - - 1945
†Eldridge, David Melbourne, M.B., B.S. 1948
Eley, Agnes May, B.A. - - - - - - 1944
Eley, John Robert, B.Sc. - - - - - 1947
Elford, Harold Stewart, B.E. - - - 1925
Elford, William Graham, B.Sc. - - - 1947
Elix, David Llewellyn, B.E. - - - - 1939
Elix, Robert Hugo, M.B., B.S. - - - 1938
Elliott, Brian Robinson, B.A. - - - 1931
Elliott, Keith, LL.B. - - - - - - 1934
Elliott, Kenneth Alexander, B.Ag.Sc. 1932
Elliott, Lionel John, LL.B. - - - 1936
Elliott, Murray William, M.B., B.S. - 1943
Elliott, Ronald Donovan, LL.B. - - 1931
Ellis, Annie Rita, B.Sc. - - - - - 1905
Ellis, Arthur Benjamin, B.A. - - - 1911
†Ellis, Brian David, B.Sc. - - - - 1950
†Ellis, Bruce Walter, B.A. - - - - 1949
†Ellis, Charlotte, B.A. - - - - - - 1950
Ellis, Frank, B.E. (B.Sc., 1907, surrendered for B.E., 1913) - - - - 1913
M.A. - - - - - - - - - - 1913
Ellis, Howard John, M.B., B.S. - - 1946
Ellis, Ronald Dudley, B.E. - - - - 1947
Ellis, Roy Gilmore, B.D.S. - - - - 1926
Emery, Warren Frederick, M.B., B.S. 1946
England, Clarence William, M.B., B.S. 1925
England, Harold Norman, B.Sc. - - 1925
England, Harry Clement, B.E. - - - 1930
Erichsen, Matthias, M.B., B.S. - - - 1903
Espie, Frank Fancett, B.E. - - - - 1913
Espie, Frank Fletcher, B.E. - - - - 1947
Eustace, John Leonard, B.D.S. - - 1921
Evans, Eric Laurence, B.A. - - - - 1930
Evans, George Richard, B.E. - - - 1937
Evans, John William, M.A. (Cambridge, 1931) - - - - - - - - 1932
Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929) - - - - - - - - - - 1943

† Not yet Members of the Senate.

†Evans, Owen Ross, B.E. - - - - - 1950
Evans, Walter Alfred Wyke, B.D.S. - 1928
Evans, Wilfred Robert, B.E. - - - 1924
Everard, Betty Ann, B.Sc. - - - - 1945
Everard, James Edward, M.B., B.S. - 1910
Ewens, John Qualtrough, LL.B. - - 1929
†Ewers, Keith Ambrose, B.Sc. - - - 1949
Ewers, William David, B.A. - - - 1934
Excell, John Eliot, B.E. - - - - - 1940
Ey, Geoffrey Thomas, M.B., B.S. - - 1947
Eyles, Helen Mary, B.Sc. - - - - 1943
Eyles, Philip Sydney, M.B., B.S. - - 1942
B.A. - - - - - - - - - - - 1949

F

†Fahey, John Kevin, B.E. - - - - - 1950
Fairley, James, M.B., B.S. - - - - 1941
Fairley, Neil Hamilton, M.D. (Melbourne, 1917) - - - - - - - 1949
Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered for B.E., 1913) - 1913
Fairweather, Edna May, B.A. - - - 1932
Falkenberg, Walter Edwin, B.A. - - 1940
Farmer, Helen Robinson, B.A. - - - 1945
Farndell, Leila Mavis, B.A. - - - - 1933
†Farr, Alan Pembroke, B.A. - - - - 1950
Farrell, Edward Francis, B.A. - - - 1940
Farrent, Thomas Albert, B.Sc. - - - 1923
B.E. - - - - - - - - - - - 1924
Farrow, Murray Aubrey, B.A. - - - 1945
Faunce, Marcus de Laune, M.B., B.S. 1946
Fawcett, Wilfred D'Arcy, B.E. - - - 1929
Featherstone, Dora Bewlay, M.A. - - 1932
Fechner, Martin Johann Traugott, B.A. 1937
Fehlberg, Tasman Julius August, B.A. 1932
†Felgenhaur, Robert Frederick, B.A. - 1949
Fenner, Charles Albert Edward, D.Sc. (Melbourne, 1917) - - - - - - 1920
Fenner, Frank John, M.D. (M.B., B.S., 1938) - - - - - - - - - 1942
Fenner, William Greenock, B.E. - - 1945
Fenwick, Aline Mary, LL.B. - - - 1944
Ferguson, Andrew, B.Sc. - - - - 1904
Ferguson, Wilfred John, B.A. - - - 1930
Ferguson, William Rex, B.E. - - - 1931
Ferres, Helen Mellecent, M.Sc. - - 1949
Field, Frederick Laurence, LL.B. - - 1936
Fielding, Leonard Edmund, B.E. - - 1937
Filmer, Kenneth Frederick, B.D.S. - - 1946
Finch, Emily Olive, B.A. - - - - 1913
Finlay, Frederic Albert Montague, Mus.Bac. - - - - - - - - 1940
Finlayson, Allan Harvey, B.E. - - - 1932
Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922) - - - - - 1936
Finlayson, Frank Harvey, B.E. - - - 1930
Finlayson, James Francis, B.Sc. - - 1940
Finn, Beatrice Mary, B.A. - - - - 1938
Finnis, Horace Percy, M.A. (Melbourne, 1910) - - - - - - - - - 1922
Mus.Bac. - - - - - - - - - 1932
Finnis, Maurice Meredith Striker, B.A. 1937
Finniss, John Henry Suffield, M.B. (Edinburgh, 1876) - - - - - - 1886
Fischer, Arthur Frederick, LL.B. - - 1925
Fischer, George Alfred, B.A. - - - 1888
M.B., B.S. - - - - - - - - 1894
Fishburn, Thomas Harold, B.A. - - 1932
Fisher, Anthony Graham, M.B., B.S. - 1946
†Fisher, Francis Robert, LL.B. - - - 1950
Fisher, George Read, B.E. - - - - 1925
Fisher, Harry Medcalf, M.B., B.S. - 1922
Fisher, James Hubert Thomas, M.E. - 1950
†Fisher, Ruben Walter Alfred, B.A. - 1948
Fisher, Tryphena Ellen, B.A. - - - 1930
Fisk, Graham Bristow, M.B., B.S. - - 1946
†Fitch, Rosemary Lamburn, B.A. - - 1949
Fitzgerald, Bartholomew John, B.A. - 1929
Fitzgerald, Gerald, B.D.S. - - - - 1932
Fitzgerald, Hugh Lawrence, B.A. - - 1940
Fitzgerald, James Joseph, M.A. (Melbourne, 1908) - - - - - - - 1908
FitzHerbert, John Aloysius, M.A. (Cambridge, 1923) - - - - - - 1928

Flaherty, Edward John, B.A. - - - 1924
Flaherty, Francis Ignatius, M.B., B.S. 1935
Flaum, Ernst, M.D. (M.B., B.S., 1941) 1944
Flecker, Margaret Mabel, M.B., B.S. - 1932
Flecker, Patrick Oscar, M.B., B.S. - 1944
Fleming, Francis John, B.E. - - - 1938
Fleming, Hugh Douglas, B.E. - - - 1934
Flentje, Noel Thomas, M.Sc., (B.Ag.Sc., Melbourne) - - - - - - - 1947
Fletcher, Sir Frank, M.A. (Oxford, 1893) - - - - - - - - - 1936
Fletcher, Helen Weld, B.A. - - - - 1933
Fletcher, John Weld, LL.B. - - - - 1947
Fletcher, Malcolm Weld, M.B., B.S. - 1933
Flett, John Stanley, B.Sc. - - - - 1941
Flint, Adela Lysander, B.A. - - - - 1921
Flint, Harold Elsden, M.A. - - - - 1927
Flint, Richard Russell, B.E. - - - 1942
Florey, Hilda Josephine, M.B., B.S. - 1912
Florey, Sir Howard Walter, M.D. (M.B., B.S., 1921) - - - - - - 1944
Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924) - - - - - - 1950
Flower, Clifford Horace Kenneth Dunn, B.Sc. - - - - - - - - - 1924
Flynn, Kevin John, B.A. - - - - - 1938
Foale, Harold Robert, LL.B. - - - 1933
Foote, George Buchanan, B.Sc. - - 1934
Forbes, William, B.A. - - - - - - 1936
Ford, James Albert, B.A. - - - - 1919
Ford, Raymond William, B.E. - - - 1922
Ford, Ronald Munro, M.B., B.S. - - 1943
Forder, Charles Rex, B.D.S. - - - - 1928
Forder, Douglas Highmoor, B.Sc. - - 1932
B.A. - - - - - - - - - - 1938
Forder, Howard Hamlyn, B.E. - - - 1926
Fordham, Juanita Horwood, B.A. - - 1927
Forgan, Frederick Robert, LL.B. - - 1928
Forgan, Humphrey Crayle, B.E. - - 1927
Forgan, Sydney Bayly, M.B., B.S. - - 1926
†Forgie, Donald Schollar, B.A. - - - - 1949
Formby, Henry Harper, M.B., B.S. (Melbourne, 1900, 1901) - - - - 1937
Formby, Myles Landseer, M.B., B.S. - 1924
Fornachon, John Charles Macleod, M.Sc. - - - - - - - - - 1943
†Forrest, Waldie William, B.Sc. - - 1948
†Forster, William Edward Stanley, LL.B. - - - - - - - - - 1950
Forsyth, Elliott Christopher, B.A. - - 1947
Forsyth, Robert Samuel, B.A. - - - 1937
†Foster, Helen Lesley, B.Sc. - - - - 1948
Fotheringham, James David, M.B., B.S. 1937
†Fowler, Dorothy Colyer, B.A. - - - 1949
Fowler, Malcolm Charles, M.B., B.S. - 1946
Fowler, Russell Aubrey, B.Sc. - - - 1919
Fox, Ina Alice Owen, M.B., B.S. - - 1938
Fox, Robert Owen, M.B., B.S. - - - 1925
Frahn, Leslie John, M.Sc. - - - - - 1949
†Francis, Albert Edward John, B.Sc. - 1949
Francis, Vera Eleanor, M.A. - - - 1941
Francis, Wilfred Galton, B.E. - - - 1935
†Fraser, Duncan Lovat Radcliffe, B.Sc. 1950
Fraser, Frederick Christopher, B.D.S. - 1938
Fraser, Harry Lovat, LL.B. - - - - 1932
B.A. - - - - - - - - - - 1933
Frayne, Graham Arthur, B.D.S. - - 1933
Frayne, Harold Bruce, B.D.S. - - - 1940
Frayne, John Felix, M.B., B.S. - - - 1936
Frayne, Max Thorley, B.D.S. - - - - 1945
Frayne, Peggy Searle, B.Sc. - - - - 1945
Freeman, Jef Elliot, B.Sc. - - - - - 1940
†Freestun, William David, B.E. - - 1949
French, Eric Lancelot, M.Sc. - - - 1948
†French, Reginald James, B.Ag.Sc. - - 1948
Freney, Martin Raphael, B.Sc. - - - 1930
Frewen, Jerome Hugh, B.E. - - - - 1939
Frewin, Oscar Westcott, M.B., B.S. - 1926
Frewin, Thomas Hugh, M.A. - - - - 1892
Frick, Majorie May, LL.B. - - - - 1934
Frick, Patricia Marian, LL.B. - - - 1938
†Fricker, Lyall Peterie, B.Sc. - - - 1949
Fricker, Norman Meshach, B.E. - - 1933
Fricker, Vera May, M.A. - - - - - 1932
†Frith, Ernest Everard, B.Sc. - - - 1949

† Not yet Members of the Senate.

Fritsch, Eunice Serena, B.A. - - - 1947
†Fritsch, Luthilde Clara, B.A. - - - 1948
Frost, Mary Millicent, B.A. - - - - 1927
Fry, Dorothy Gillian, B.A. - - - - 1945
Fry, Henry Kenneth, B.Sc. - - - - 1905
M.D. (M.B., B.S., 1908) - - - - 1934
Fry, Robert Mason, B.Sc. - - - - 1947
Fuhlbohm, Margaret, B.A. - - - - 1944
Fuller, George Rayner, B.Sc. - - - 1924
Fulton, Gwen Evelyn Hamilton, M.A. 1939
Funder, Anne Cathrine, B.D.S. - - 1934
Funder, Brian Patrick, M.B., B.S. - - 1933
Funder, John Francis, B.Sc. - - - 1935
M.B., B.S. - - - - - - - - - 1938
Furness, Gwenda Marie, B.A. - - - 1941
†Furler, Ian King, M.B., B.S. - - - 1948
Fyfe, Dorothy Mary, B.A. - - - - 1926

G

Gaetjens, Gertrude Vera, B.A. - - - 1925
†Gaffney, Fay Madeline, B.Sc. - - - 1949
Galbraith, Cyril, B.E. - - - - - 1927
Gale, Frederick Julius, B.A. - - - 1915
Gallagher, William Edward, M.B., B.S. 1932
Gallasch, Frank Edward, M.B., B.S. - 1927
Galliford, Robert Henry, B.Sc. (Eng.) - 1947
Gallus, Hermann Peter Christian, M.Sc. 1934
†Galpin, Arthur Lorden, B.E. - - - 1949
Galvin, Leola Beth, B.Sc. - - - - 1945
Galvin, Thomas Bernard, B.A. - - - 1916
†Game, David Aylward, M.B., B.S. - 1949
Game, John Aylward, M.B., B.S. - - 1938
†Game, Patricia Jean, M.B., B.S. - - 1949
†Gann, Eric Crump, B.A. - - - - - 1950
Gardiner, Beauchamp Lennox, B.Sc. - 1902
Gardiner, Phillippa Margaret, M.B., B.S. - - - - - - - - - - 1942
Gardner, George Gavin Forrest, Mus.Bac. - - - - - - - - - - 1906
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
Gault, Arthur Kyle, M.B., B.S. - - 1917
Gault, Estelle Ruth, B.Sc. - - - - 1914
M.B., B.S. - - - - - - - - - 1919
Gault, Freda Steele, B.A. - - - - 1931
Gault, Maisie Isabel Ogilvy, B.A. - - 1921
†Gazard, Geoffrey Albion, B.A. - - 1949
Gazard, John Anthony, B.E. - - - 1935
Gehling, Ronda Beryl, Mus.Bac. - - 1943
†Gehling, Lorenz Wilfred, B.E. - - - 1950
Geisler, Wilfred Ross, B.Sc. - - - - 1937
†Gent, Alan Franklin, B.A. - - - - 1948
Gent, Alison Grace, M.A. - - - - 1948
Gent, John George Moyns, B.A. - - 1940
†Georg, Victor Gerhard, B.A. - - - 1949
George, Adalbert James, B.D.S. - - 1927
George, Hilda Constance, B.A. - - - 1928
George, Rowland Francis, B.D.S. - - 1923
Gerard, Kenneth Edward, B.E. - - - 1935
Gerlach, Max Johann, B.A. - - - - 1925
Gerny, Elma Seavington, B.Sc. - - 1936
Gerny, John Seavington, M.E. - - - 1949
Gerny, Ronald Seavington, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - - - - - - 1944
†Geytenbeek, Peter Everard, B.Ag.Sc. - 1950
Gibb, Claude Dixon, M.E. - - - - 1932
Gibb, Kenneth Murray, B.E. - - - 1942
Gibberd, William Obed, M.Sc. - - - 1945
Gibbs, Allan George, B.E. - - - - 1933
†Gibbs, Betty Valmai, B.A. - - - 1949
Gibson, Douglas Barr, M.B., B.S. - - 1945
Gibson, Ernest Stephen Harvey, M.Sc. 1933
Gibson, George Taylor, M.B., B.S. - 1935
Gibson, Gladys Ruth, B.A. - - - - 1937
†Gibson, Graham Coyne, B.A. - - - 1949
Giersch, Leonard Ernst, B.A. - - - 1940
Gifford, Alfred Silva Harril, LL.B. - - 1922
†Gilbert, John Scollard, B.E. (Interim B.Sc. (Eng.), 1948, surrendered) - 1948
†Gilbert, Ronald Sunter, B.A. - - - 1950
Gilbert, Stephen Hamilton, B.E. - - 1934
†Gilchrist, Robert James, B.A. - - - 1950
Gild, Albert, M.B., B.S. - - - - - 1934
Gild, David, M.B., B.S. - - - - - 1938
†Giles, Allan Leonard, Mus.Bac. - - 1950
Giles, Harold, B.A. - - - - - - - 1911
Giles, Ireton Elliot, B.A. - - - - - 1897
Giles, Jack Bernard, B.Sc. - - - - 1943
Giles, James Palmer, B.A. - - - - 1931
Giles, Mortimer, LL.B. - - - - - 1911
Giles, Nigel Stuart, B.Sc. - - - - 1905
Giles, Olive Abbott, B.A. - - - - 1907
Giles, Thomas O'Halloran, LL.B. (Cambridge, 1883) - - - - - - 1886
Gilfillan, William, M.B., B.S. - - - 1921
†Gilfillan, William Robert, B.E. - - 1948
Gill, Clarence William Cecil, B.A. - 1934
Gill, Lancelot, Waring, B.E. (B.Sc., 1908, surrendered for B.E., 1918) - 1913
Gillam, Dora Alice, M.A. (Sydney, 1903) - - - - - - - - - - 1934
Gillespie, Donald Tom Chalton, M.Sc. 1943
Gillespie, Doris Pearl, B.A. - - - - 1940
Gillespie, Elsie Jean Ann, B.A. - - 1935
Gillespie, William Charles, LL.B. - - 1927
Gillett, Bernard St. Patrick, M.B., B.S. 1928
Gillett, Mervyn Clem, LL.B. - - - 1931
Gillham, Charles Alfred, B.A. - - - 1911
†Gillham, Doreen, B.A. - - - - - - 1950
Gillman, Phyllis Constance, B.A. - - 1916
Gilmore, Hugh Robert, M.B., B.S. - - 1945
Gilmore, Jean, LL.B. - - - - - - 1934
†Gladigau, Rita Doreen, B.Ec. - - - 1948
Glastonbury, Dudley Ivan, B.Sc. - - 1930
B.A. - - - - - - - - - - 1933
Glastonbury, James Oliver Garnet, B.A. 1932
M.Sc. - - - - - - - - - - 1935
Glastonbury, Keven, M.B., B.S. - - 1926
Glayde, Ernest James, B.E. - - - - 1927
†Gliddon, Alfred Bertram Keith, M.B., B.S. - - - - - - - - - - 1948
†Gliddon, William Aquilla Robert James, B.A. - - - - - - - 1950
Glover, Brian, B.Sc. - - - - - - - 1945
Gluis, John, M.A. - - - - - - - - 1922
Gluyas, Robert John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - 1948
Glynn, Brian McMahon, LL.B. - - 1933
Glynn, Denis McMahon, LL.B. - - - 1929
Glynn, Robert McMahon, M.B., B.S. - 1919
Goatcher, Philip Daniel, M.B., B.S. - 1945
†Gobbett, Thelma Jean, B.A. - - - - 1950
Godfrey, Edward John Owen, M.B., B.S. - - - - - - - - - - 1945
Godfrey, Kirke Charles, M.B., B.S. - 1914
Godfrey, Robert Charles, M.B., B.S. - 1944
Godlee, Margery Rebecca, B.A. - - 1917
Godlee, Theodore, M.B., B.S. - - - 1932
Gold, Mervyn Roy, M.B., B.S. - - - 1939
†Goldbeck, Rene Alice, M.B., B.S. - 1949
Goldby, Frank, M.D. (Cambridge, 1936) - - - - - - - - - - 1937
†Goldsworthy, David, B.A. - - - - 1949
†Goldsworthy, Eric Roger, B.Sc. - - 1950
Goldsworthy, John Garfield, M.A. - - 1930
†Goldsworthy, Reuben, B.Sc. - - - 1948
Good, Emily Milvain, B.A. - - - - 1904
Good, Frances Helena, B.A. - - - 1916
Goode, Benjamin Ryall, M.B., B.S. - - 1947
Goode, Harold Ralph, B.E. - - - - 1945
Goode, Henry Arthur, M.B., B.S. - - 1938
Goode, John Reginald, B.Ag.Sc. - - 1937
Goode, Kenneth Burden, B.E. - - - 1914
Goode, Muriel Gertrude, Mus.Bac. - 1911
Goode, Philip Charles Ryall, M.B., B.S. 1939
Goode, Reginald Alfred, M.B., B.S. - 1910
Goode, Thomas Ryall, B.E. - - - - 1937
Gooden, John Stanley, M.Sc. - - - 1945
Goodhart, Mabel Flora, LL.B. - - - 1927
Goodhart, Richard Akhurst, M.B., B.S. 1941
Goodman, Cyril William, B.E. - - - 1915

† Not yet Members of the Senate.

Gordon, Colin Ernest Sutherland, M.A. (Oxford, 1938) - - - - - - - - 1948
Gordon, John Vivian, M.D. (M.B., B.S., 1942) - - - - - - - - - - - 1949
Gosnell, Arthur William, M.A. (Cambridge, 1888) - - - - - - - - 1895
Goss, Mary Blanche, B.A. - - - - - 1936
Goss, Noel Frederick, B.A. - - - - - 1934
Gough, John Lewis, B.A. - - - - - 1945
Govenlock, James Coburn, Mus.Bac. - 1943
Goyder, Alexander Woodroffe, B.Sc. - 1889
Graham, George Finlay, B.E. - - - 1927
Graham, Mary Theresa, M.A. - - - 1933
Graham, May Elisabeth, B.A. - - - 1941
†Graham, Roger Dean, B.E. - - - - 1950
Grant, Allan Kerr, M.B., B.S. - - - 1947
Grant, Colin Kerr, B.Sc. - - - - - 1931
Grant, Donald Kerr, M.B., B.S. - - 1942
†Grant, John McBain, B.Ec. - - - - 1950
Grant, Kerr, B.Sc. (M.Sc., Melbourne, 1901) - - - - - - - - - - - 1911
Grant, Marjorie Ruth, B.A. - - - - 1939
Grant, Mary Raymond, M.Sc. - - - 1950
Grant, Richard Longford Thorold, M.B., B.S. - - - - - - - - - - 1918
†Gratton, Gordon Sydney, LL.B. - - 1950
Gratton, Marshall Gladstone, M.B., B.S. - - - - - - - - - - - - 1941
Gratton, Mephan John, B.E. - - - 1934
Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915) - - - - - 1920
Gray, Alexander Frederick, B.Sc. (Eng.) 1942
Gray, Eric William, B.A. - - - - - 1931
Gray, Frederic Victor, M.Sc. - - - 1948
†Gray, Harvey Hamilton, B.Ec. - - - 1949
Gray, Keith Douglas, M.B., B.S. - - 1926
Gray, Maurice Chadwick, B.Sc. - - 1933
Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered for B.E. 1913) - - - - - - - - - - - 1913
†Green, Alan Elston, B.Sc. - - - - 1949
Green, Cynthia Joan, B.A. - - - - - 1945
Green, Donald Clare, B.Sc. - - - - 1942
Green, Lorna Mary Alexander, B.Sc. - B.A. - - - - - - - - - - - - 1927
Green, Richard Maslen, B.A. - - - 1929
†Green, Ronald Gordon, B.Sc. - - - 1937
Green, William Allan McInnes, B.E. - 1949
Greenhough, Arthur David, B.E. - - 1928
Greenland, Patrick Cecil, M.A. - - 1942
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered for B.E., 1913) - 1913
Greenlees, Rollo, M.B., B.S. - - - 1937
Greenway, Harold, B.E. (B.Sc., 1906, surrendered for B.E., 1913) - - - 1913
Greenway, Thomas Charles, B.Sc. - 1900
Greenwood (formerly Nadebaum), Rudolph Oertel, B.A. - - - - - 1907
Greet, Norman George Frank, M.A. - 1928
Gregory, Cedric Errol, B.E. - - - - 1931
B.A. - - - - - - - - - - - - 1944
Gribble, Albert Elijah, M.B., B.S. - 1929
Grierson, John James, B.E. - - - - 1937
Griff, Bernard, LL.B. - - - - - - 1925
†Griffin, Danielle, B.A. - - - - - - 1949
Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - 1947
Griffiths, Ernest William, M.B., B.S. - 1906
Griffiths, George Townsend, Mus.Bac. 1915
Griffiths, Thomas Lester, LL.B. - - 1913
Griggs, Clarence Middleton, B.Sc. - 1924
†Griggs, James Middleton, B.E. - - - 1949
Grimes, Louisa Catherine, Mus.Bac. - 1937
†Gross, Gordon Flinders, B.Sc. - - - 1950
Gross, Klem Bassett, B.E. - - - - - 1924
†Gross, Patricia Mary, B.A. - - - - 1950
Grosser, Agnes Juliana Hulda, B.A. - 1910
Grosvenor, Cyril, B.D.S. - - - - - 1925
Grosvenor, Edna Mary, M.A. - - - - 1926
Grote, Albert Walter, M.B., B.S. - - 1926
Groves, Murielle Annis Clemland, B.A. 1937
†Gubbins, Heather Welch, B.A. - - - 1950
Guenther, John Irving, M.B., B.S. - 1942
Guinand, Andrew Paul, B.Sc. - - - 1932
Guinand, Mimi Helen, B.A. - - - - 1938
†Gum, Colin Stanley, B.Sc. - - - - - 1949
Gun, Lancelot Townsend, LL.B. - - 1924
Gunn, John Alexander, M.A. (Liverpool, 1919) - - - - - - - - - - 1926
Gunning, Norman Stannus, M.B., B.S. 1926
Gunson, John Michael Morphett, M.B., B.S. - - - - - - - - - - - - 1933
Gunton, James Donald, B.A. - - - - 1938
Guppy, Douglas James, B.Sc. - - - 1944
Guppy (nee Knox), Joan Claudia, B.Sc. 1943
Gurner, Colin, M.B., B.S. - - - - - 1918
Gurner, Colin Marshall, M.B., B.S. - 1942
Gurney, Harold Cyril, M.Sc. - - - 1932
Gurr, Clifford George, B.Sc. - - - 1947
Guthaner, Ernst, M.B., B.S. - - - - 1942
Guymer, Arthur Howes, M.B., B.S. - - 1915
Guymer, Ernest Albert, M.B., B.S. - 1914
Guymer, Max William, M.B., B.S. - - 1947

H

Habich, Carl Gerhard, B.A. - - - - 1932
Habich, Carl Julius, B.E. - - - - - 1930
Hackett, Cecil John, M.D. (M.B., B.S., 1927) - - - - - - - - - - - 1935
Hackworthy, Harold Stewart, B.Sc. - 1945
Haese, Beth Theodora, B.A. - - - - 1947
Haese, Ernst Alfred Wilhelm, B.A. - 1943
†Haese, Frederick Ernest Douglas, B.A. 1950
Hague, Ralph Meyrick, LL.B. - - - 1932
Hahn, Hurtle William, B.A. - - - - 1933
Haines, Colin Edward, B.Ag.Sc. - - 1941
Haines, Murray David, B.A. - - - - 1947
Haines, Norman Lindsay, B.A. - - - 1947
Hains, Ivan Coronel, M.B., B.S. - - 1911
Hains, Robert Myer, M.B., B.S. - - 1940
Hakendorf, Andrew John, M.B., B.S. 1929
†Haldane, Alexander David, B.Sc. - - 1949
Hall, Alfred Daniel, M.A. (Oxford) - 1914
Hall, Charles Fishbourne, M.A. - - 1922
Hall, James Stanley, B.E. - - - - - 1933
†Hall, Jocelyn Rosemary, B.A. - - - 1948
Hall, Marjorie Gertrude, Mus.Bac. - 1931
Hall, Norman Bruce, M.B., B.S. - - 1917
†Hall, William Oswald James, B.Sc. - 1950
Hallett, Evan Charles, M.B., B.S. - - 1947
Hallett, Harold Sinclair, B.E. - - - 1932
Hallett, Reginald Thomas, B.E. - - 1938
Hambidge, Margaret Cecile, B.A. - - 1935
Hames, Muriel Jean, B.A. - - - - - 1941
Hamilton, Charles Wolfe, M.D. (Dublin, 1894) - - - - - - - - - 1899
Hamilton, Frank Alexander, B.E. - - 1941
Hamilton, Ian Ayliffe, M.B., B.S. - - 1924
Hamilton, Jean Anne, B.Sc. - - - - 1947
Hamilton, Reginald Hewgill, M.B., B.S. - - - - - - - - - - - - 1925
Hamilton, William Murray, M.B., B.S. 1944
Hammill, Robert Duncan, M.B., B.S. - 1942
Hammond, Henry Grant, M.B., B.S. - 1944
Hamp, Frances Marian, M.B., B.S. - 1925
Hancock, George Alfred, M.A. - - - 1909
Hancock, Henry Raymond Russell, M.B., B.S. - - - - - - - - - 1927
Hancock, James Russell, B.Sc. - - - 1941
Hancock, William Andrew, B.Sc. - - 1924
Hancock, William Keith, M.A. (Oxford, 1930) - - - - - - - - - - 1931
Hannaford, Brian Douglas, B.Sc. - - 1945
Hannan, Albert James, M.A. - - - - 1914
LL.B. - - - - - - - - - - - - 1912
Hannan, Clare Reginald, LL.B. - - 1922
†Hannan, Ian Ignatius, B.E. - - - - 1949
Hannon, Dennis Francis, M.B., B.S. - 1942
Hansberry, John Pierce, B.A. - - - 1945
†Hansen, Ian Alfred, B.Sc. - - - - 1948
†Hansen, Ian Victor, B.A. - - - - - 1950
Hanson, Bertram Speakman, M.B., B.S. - - - - - - - - - - - - 1928
Harbison, Alan Thomas, M.B., B.S. - 1927
Harbison, Ernest John Keith, M.B., B.S. - - - - - - - - - - - - 1924
†Harbison, John Henry, M.B., B.S. - 1949
Harbison, William Arthur, B.E. - - 1938
Harders, Clarence Waldemar, LL.B. - 1944

† Not yet Members of the Senate.

Harding, Florence Mary, M.A. (N.Z., 1932) - - - - - - - - - 1949
Hardy, Alfred Burton, LL.B. - - - 1898
Hardy (nee Beckwith), Anne Caroline, M.Sc. - - - - - - - - - 1947
Hardy, Evan Lovell, B.E. - - - - 1935
Hardy, John Evans Simpson, M.B., B.S. - - - - - - - - - - 1945
Hardy, John Scott, LL.B. - - - - 1926
Hardy, Mabel Phyllis, B.A. - - - - 1914
Hardy, Thomas Walter, B.Sc. (Eng.) - 1947
Hargrave, Nathaniel Charles, LL.B. - 1938
B.A. - - - - - - - - - - 1939
Hargreaves, William Arthur, B.Sc. (Melbourne, 1891) - - - - - - 1909
D.Sc. - - - - - - - - - 1916
Harkness, Robert, B.A. - - - - - 1907
Harley, Marjory, B.A. - - - - - 1925
Harmer, John Reginald, M.A. (Cambridge, 1884) - - - - - - - - 1895
†Harms, Lois Philippa, M.B., B.S. - - 1948
Harniman, William Ronald, LL.B. - 1936
Harper, Anthony, LL.B. - - - - - 1926
Harper, Ronald George, B.A. - - - 1938
B.Ec. - - - - - - - - - 1947
Harrington, Colin, B.A. - - - - - 1947
†Harrington, Enid Gretta, B.A. - - - 1950
Harrington, Joan Margaret, B.Sc. - - 1945
Harrington, Reginald Frank, B.D.S. - 1943
†Harrip, Brian John, B.A. - - - - 1950
Harris, Allan Cuthbert, B.Sc. - - - 1923
Harris, Beryl Ruth, B.A. - - - - - 1935
Harris, Clare Sparkes, LL.B. - - - 1925
Harris, David Hall, M.B., B.S. - - - 1942
Harris, Donald Dunstan, M.A. - - - 1929
Harris, Dorothy Mary, B.A. - - - 1919
Harris, Dudley Andrew, B.A. - - - 1938
Harris, Ernest Wilfred, LL.B. - - - 1920
†Harris, Ian Antrobus, M.B., B.S. - - 1949
Harris, Jack Ronald, B.Sc. - - - - 1943
Harris, John, M.B., B.S. - - - - 1924
†Harris, John Ernest, B.E. - - - - 1949
Harris, Lorna Muriel, B.A. - - - - 1934
Harris, Shirley Joyce, B.A. - - - - 1938
Harris, Sophie Dora, B.A. - - - - 1928
Harris, William Brocas, B.Ag.Sc. - - 1947
Harris, William Patrick, M.B., B.S. - 1933
†Harrison, Howard Raymond, B.Sc. - 1948
Harrison, Walter, B.A. - - - - - 1929
Harry, Arthur Hartley, B.A. - - - 1901
Harry, Geoffrey Courtenay, LL.B. - - 1925
Harry, Irene Pearl, B.A. - - - - - 1915
Harry, Romilly Carveth, LL.B. - - - 1929
†Hart, Arthur Maxwell, B.A. - - - 1950
Hart, David Henderson, B.Sc. - - - 1942
†Hart, Mary Margaret, B.A. - - - 1950
Harvey, Alison, B.A. - - - - - - 1938
Harvey, Bernice Enid, Mus.Bac. - - 1928
Harvey, Dean Lawrence, B.Sc. - - - 1947
Harvey, Faith Fairbank, Mus.Bac. - 1925
B.A. - - - - - - - - - - 1936
Harvey, Frederick George, M.A. (Yale, 1934) - - - - - - - - - 1934
Harvey, Raymond Hynson, B.E. - - 1936
†Harvey, Richard Gilbert Mungo, B.Ag.Sc. - - - - - - - - - 1948
Harvie, Sydney Haral, B.Sc. - - - 1927
Haselgrove, Harold Frederick, M.B., B.S. - - - - - - - - - - 1946
Haselgrove, Helene Martha, B.A. - - 1923
†Haselgrove, Janet Storrie, B.Sc. - - 1950
Haselgrove, Wilfred Eric, B.E. - - - 1937
Hasenohr, Edward, B.A. - - - - - 1938
†Hasenohr, Geoffrey, M.B., B.S. - - - 1948
Haskard, George Henson Barrett, M.Sc. 1936
†Haskard, John Rex, B.Sc. - - - - 1950
Haslam, Leslie Horrocks, LL.B. - - 1908
Haslam, Margaret Martha, M.B., B.S. 1935
Hassell, Frank Colin, B.E. - - - - 1933
Hassell, Kathleen Lilian, M.A. - - - 1927
Haste, Mary Joan, B.A. - - - - - 1941
Haste, Reginald Arthur, B.Sc. - - - 1911
M.B., B.S. - - - - - - - - 1914
Hauser, Frederick Herbert, B.A. - - 1931
Hawke, Vivian Lee, M.B., B.S. - - 1946
Hawken, Doris Marguerite, B.A. - - 1917
Hawker, Elizabeth Julie Seymour, B.A. 1942
Hawkes, Rose Adeline, B.A. - - - 1928
Hawkins, Frederick James, LL.B., B.A. 1942
Haycraft, Edith Florence, B.Sc. - - 1890
Hayes, Horace Townsend, M.B., B.S. 1936
†Haynes, James Dalrymple, B.A. - - 1950
Hayward, Edward Leo, LL.B. - - - 1925
Hayward, John Lionel, M.D. (M.B., B.S., 1932) - - - - - - - - 1936
Hayward, Lancelot Alfred, M.B., B.S. 1914
†Hayward, Thomas Ronald, B.Ec. - 1949
Hayward, Walter Richard, B.A. - - 1934
Heading, Keith Edward George, B.Sc. 1930
B.A. - - - - - - - - - 1938
Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893) - - - - - - - 1900
Healy, Peter, B.Sc. - - - - - - 1948
Healy, Vincent Michael, B.Sc. - - - 1939
Heard, Kenneth Harold, M.B., B.S. - 1936
Heard, Lyall Scott, B.Sc. (Eng.) - - 1944
Heaslip (nee Shorney), Barbara Kate, B.A. - - - - - - - - - 1928
Heaslip, William Gordon, M.B., B.S. 1929
Heath, Ronald Bertram, B.E. - - - 1941
Heath, Trevor James Gartrell, B.A. (Cambridge, 1928) - - - - - - 1928
LL.B. - - - - - - - - - 1932
Heaton, Herbert, M.A. (Leeds, 1912) - 1918
Hebart, Armin William, B.Sc. - - - 1944
Hebart, Siegfried Paul, M.A. - - - 1932
Hebart, Werner Friedrich, B.A. - - 1934
Hecker, Robert, M.B., B.S. - - - - 1947
Hecker, Stewart Roy, M.B., B.S. - - 1919
Heddle, Frederic French, M.B., B.S. 1935
Heddle, Robert Charles, M.B., B.S. - 1942
Heddle, Shirley, B.A. - - - - - - 1947
Hedger, Dorothy Mavis, B.A. - - - 1936
Heidenreich, George Bernhard Franz, B.A. - - - - - - - - - - 1944
Heighway, Freida Ruth, M.D. (Sydney, 1939) - - - - - - - - - 1949
Heinemann, Edmund Lewis, B.A. (Oxford, 1887) - - - - - - - - - 1890
†Heinemann, Mary Josephine, B.A. - 1948
Heinemann, Mervyn Lambert, B.A. - 1940
†Heinrich, Jeff Dean, B.Sc. - - - - 1949
†Heitman, Dorothea Smith, M.B., B.S. 1949
†Hemingway, Peter Cunliffe, B.Sc. - 1949
Henderson, Eric Malcolm, B.E. - - 1932
†Henderson, Leonard Ross, B.Ec. - - 1949
Henderson, Roland, LL.B. - - - - 1926
Hendrickson, Douglas Buxton, M.B., B.S. - - - - - - - - - - 1941
†Herbert, Septimus Giffen Mills, B.Sc. 1949
Herriot, Robert Irvine, B.Ag.Sc. - - 1932
Hersel, August Wilhelm, B.A. - - - 1935
Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered for B.E., 1913) - - - - - - - - - 1913
Heseltine, Samuel Richard, LL.B. - 1908
†Hester, Gwynn Thomas John, B.A. - 1950
Hetzel, Basil Stuart, M.D. (M.B., B.S., 1944) - - - - - - - - - - 1949
Hetzel, Kenneth Stuart, M.D. (M.B., B.S., 1920) - - - - - - - - 1926
†Hetzel, Peter Stuart, M.B., B.S. - - 1948
Heuzenroeder, Reginald Leo, LL.B. - 1923
Hewett, Esther Jean, B.A. - - - - 1938
Hewitt, Cecil Austin, LL.B. - - - 1924
†Heyne, Carl William, B.D.S. - - - 1949
Heyne, Ida Marie, B.A. - - - - - 1916
Heyne, Laura Olga Hedwig, M.A. - - 1917
Heywood, Marie Louise, B.A. - - - 1941
Hiatt, Jack Thomas, LL.B. - - - - 1947
B.Ec. - - - - - - - - - 1948
Hickey, Kathleen Veronica, B.A. - - 1945
†Hickinbotham, Alan David, B.Sc. - - 1949
Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915) - - - - - - - - - 1926
M.D. (M.B., Ch.B., N.Z., 1923) - - 1936
†Hicks, Dene Alan, M.B., B.S. - - - 1948

† Not yet Members of the Senate.

Hicks, Francis Gibson, LL.B. - - - 1915
†Hicks, Neil Dennis, M.B., B.S. - - 1948
Hicks, Warren Roseveare, B.Sc. - - 1944
†Hieser, Ronald Oswald, B.Ec. - - 1949
Higginbottom, Edwin Corlett, B.A. - 1920
†Higginbottom, Edwin John, B.Ec. - - 1950
Higgins, Alfred James, B.A. - - - 1930
†Higgs, Edward Davies, B.Ag.Sc. - - 1950
Hilbig, Paul Berthold, B.A. - - - - 1930
Hill, Albert Charles, B.A. - - - - 1914
†Hill, Alma Isobel, B.A. - - - - - 1948
Hill, Arthur William, D.Sc. (Cambridge, 1918) - - - - - - - 1927
†Hill, Douglas Henry - - - - - 1949
Hill, Florence McCoy, B.Sc. (California, 1897) - - - - - - - - 1927
Hill, John, B.Sc. - - - - - - - 1922
†Hill, John Albert, B.Sc. - - - - 1943
Hill, John Distin, B.Sc. - - - - - 1940
Hill, John Seymour Thew Tregarthen, M.B., B.S. - - - - - - - 1941
†Hill, Kenneth Arthur, B.Sc. (Eng.) - 1950
Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910) - - - - - - - 1920
Hill, Hilda Mary, B.A. - - - - - 1908
†Hillier, Howard Armstrong, B.E. - - 1950
Hilton, Arthur Robert, B.A. - - - 1909
†Hilton, Frank Morphett, B.Ag.Sc. - - 1948
†Hilton, Keith Denyer, LL.B. - - - 1949
Hinde, James Tempest, B.Sc. - - - 1941
†Hine, Denise Charlotte, B.Sc. - - 1949
Hine, Florence Pauline, B.A. - - - 1947
Hirst, Ronald Robert, M.Ec. - - - 1950
Hiscock, Ian David, M.Sc. - - - - 1950
†Hiscock, Stephen West, B.Sc. - - - 1949
Hisgrove, Gladys, B.A. - - - - - 1936
†Hiskey, Thomas Alan, B.A. - - - 1949
†Hitchcox, Joyce Mary, B.A. - - - 1949
Hitchcox, Alfred Clarke, M.A. - - - 1932
†Hoar, Barbara Charlotte, B.Sc. - - - 1948
†Hoare, Lehonde Lucas, M.B., B.S. - 1949
Hobbs, Alan Frank, M.B., B.S. - - - 1922
†Hobbs, Ian Harold, M.B., B.S. - - - 1948
†Hocking, Colin Stanley, B.Sc. - - - 1949
Hocking, Frank Maxwell, B.Sc. - - - 1929
Hoctor, John Francis, B.A. (Dublin, 1871) - - - - - - - - - 1877
Hodby, Frederic Stephen, LL.B. - - 1925
Hodby, Kenneth Wellesley, M.B., B.S. 1936
Hodby, Lindley David, M.B., B.S. - 1929
†Hodgson, Ian Harold, B.D.S. - - - 1950
Hogan, Esmond John Campbell, LL.B. 1920
†Hogan, Margaret Mary, B.A. - - - 1950
Hogan, Philip Cornelius, M.B., B.S. - 1928
Hogarth, David Stirling, LL.B. - - - 1931
†Hogben, Roy, B.Sc. - - - - - - 1950
Holdaway, Frederick George, M.Sc. (Queensland, 1925) - - - - - - 1926
Holden, Ethel, B.A. - - - - - - 1931
†Holden, Robert William, B.E. - - - 1950
Holder, Alison Joyce, Mus.Bac. - - - 1941
Holder, Ethel Roby, M.A. - - - - 1901
Holder, Evan Morecott, B.E. (B.Sc. 1909, surrendered for B.E., 1913) - 1913
Holder, Sophia Ellen, B.A. - - - - 1906
Holder, Sydney Ernest, M.B., B.S. - 1913
Holding, Sheilah Dolby, B.A. - - - 1943
Holdsworth, Leslie McLeod, B.A. - - 1934
Holland, Charlotte Annie, B.A. - - - 1916
Holland, Joan, B.A. - - - - - - 1944
Holland, Laurence Corin, M.B., B.S. - 1935
Hollidge, Alfreda Faith, B.A. - - - 1922
Hollidge, David Henry, M.A. - - - 1889
Hollidge, Geoffrey David, LL.B. - - 1926
†Holloway, Bruce William, B.Sc. - - 1948
Holmes, Henry Bertram, M.B., B.S. - 1940
†Holmes, Reginald Murray, M.B., B.S. 1949
Holtham, Richard, B.A. (Queensland, 1916) - - - - - - - - - 1920
Homburg, John, LL.B. - - - - - - 1908
Hone, Alfred Andrew, B.Sc. - - - - 1924
Hone, Brian William, B.A. - - - - 1928
Hone, Effie Jessie, M.B., B.S. (Melbourne, 1921) - - - - - - - 1938
Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920) - - - - - - 1923
Hone, Frank Sandland, B.A. - - - 1889
M.B., B.S. - - - - - - - - - 1894
Hone, Garton Maxwell, M.B., B.S. - - 1924
†Hone, Michael Raymond, B.Sc. - - - 1950
Hone, Winifred Ruth Selwyn, B.A. - 1934
Honnor, Wilfred Weston, B.Sc. - - 1931
M.E. - - - - - - - - - - 1945
†Hood, Vivian George, B.D.S. - - - 1950
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
Hoopman, Friedrich Wilhelm, M.B., B.S. - - - - - - - - - - 1922
†Hoopmann, Eric Paul, M.B., B.S. - 1949
Hope (nee Fowler), Laura Margaret, M.B., B.S. - - - - - - - - 1891
Hopkins, Alfred Nicholas, B.A. - - 1888
†Hopkins, Brian McDonald, B.Sc. - - 1950
Hopper, Brian William, B.Sc. - - - 1947
Hopton, Peter Phillip Adrian, B.A. - - 1947
Horder, Thomas Jeeves, Baron of Ashford, M.D. (London, 1899) - - - 1935
Horman, William Dinwoodie Ackland, M.B., B.S. - - - - - - - - 1941
Hornabrook, Reginald Denys, M.B., B.S. - - - - - - - - - - 1925
Hornabrook, Rupert Walter, M.B., B.S. 1896
Hosking, David Edgeworth, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - - - - - 1947
Hosking, Herbert Champion, M.B., B.S. 1923
Hosking, Herbert Clifton, B.A. - - - 1908
Hosking, Lochee Maud, B.A. - - - 1931
Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - - - - 1947
†Hosking, Peter Kay, B.E. - - - - 1948
Hoskins, Howard Berthold, B.A. - - 1926
Hossfeld, Paul Samuel, M.Sc. - - - 1926
†Hourigan, Lloyd David, B.Ec. - - - 1950
Hourigan, Richard Edward, LL.B. - - 1893
Howard, Arthur Ewing, B.A. - - - 1912
†Howard, Donald William Digby, B.Ec. 1949
Howard, Ephrem, B.A. - - - - - 1937
Howard, Leo, M.A. - - - - - - 1943
†Howard, Peter Felix, B.Sc. - - - - 1950
†Howard, Rex Trowbridge, B.Sc. - - 1950
Howard, Yvonne Mary, B.A. - - - 1945
Howe, George William Osborn, D.Sc. (Durham, 1914) - - - - - - 1914
Howell, Edward Tucker, M.A. (Oxford, 1860) - - - - - - - - - 1877
†Howell, Frederick Glenroy Graham, B.Sc. - - - - - - - - - - 1949
Howell, Murray Wentworth, B.E. - - 1935
†Howes, David William, B.Sc. - - - 1949
Howie, Mary Hotham, B.A. - - - 1943
†Howland, Donald John, B.A. - - - 1948
Howlett (nee Hughes), Nellie Ruth, B.A. - - - - - - - - - - 1941
Howlett, Philip Thomas Michael, M.A. 1947
Hubbard, Margaret Eileen, M.A. - - 1949
Hubbe, Edith Ulrica, B.A. - - - - 1908
M.B., B.S. - - - - - - - - 1922
Hubble, George Dixon, B.Ag.Sc. - - 1934
Huddleston, Leslie Basil, B.Sc. (Eng.) 1942
Huddleston, Stanley Ernest, B.Sc. - - 1934
B.E. - - - - - - - - - - 1935
Hughes, Alfred, B.A. (Cambridge, 1886) - - - - - - - - - 1889
Hughes, Gordon Kingsley, B.Sc. - - 1928
Hughes, Harold Timothy, B.Ag.Sc. - 1941
Hughes, James Estcourt, M.S. (M.B., B.S., 1926) - - - - - - - - 1937
†Hughes, Leslie Donald, B.E. - - - 1949
Hughes, Robert Douglas, B.D.S. - - 1938
Hughes, Robert George, B.Sc. (Eng.) - 1942
Human, James Peter Egerton, M.Sc. - 1948
Humphris, Francis Henry, B.E. - - - 1924

† Not yet Members of the Senate.

Humphris, Francis Ross, B.Ag.Sc. - - 1944
Humphry, Alfred Henry, M.B., B.S. - 1937
Humphry, Lulu Eileen, B.Sc. - - - 1935
Hunkin, Leonard Dale, LL.B. - - - 1935
Hunt, Arnold Dudley, B.A. - - - - 1942
Hunt, Max Aubrey, B.E. - - - - 1931
Hunter, Betty Vera, B.Sc. - - - - 1947
Hunter, Brian Oswald, LL.B. - - - 1932
Hunter, Doris, B.A. - - - - - - 1924
Hunter, Geoffrey Allan, M.B., B.S. - 1942
Hunter, Ronald, M.B., B.S. - - - - 1944
Hunter, Thomas Bowden, M.B., B.S. - 1944
Hunwick, Arthur Philip, B.E. - - - 1929
Hunwick, Leonard William, LL.B. - - 1936
Hurley, Leonard Joseph Bernard, B.A. 1914
Hurst, Edward Weston, D.Sc. (Birmingham, 1932) - - - - - - - - - 1941
Hurst, Harvey Herbert, M.B., B.S. - 1929
Hurst, Walter William, B.Sc. - - - 1916
Hussey, Percival Francis Leitch, M.B., B.S. - - - - - - - - - - 1920
Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929) - - - - - - 1945
Hutcheson, George Ian Dewart, B.E. - 1917
Hutchesson, Gordon Bramwell, LL.B. 1930
†Hutchinson, Clive Reginald, B.A. - - 1948
†Hutchinson, Colin Frederick, B.Sc. - 1950
Hutton, Edward Mark, M.Sc. - - - 1940
Hutton, John Thomas, B.Sc. - - - 1938
Hutton, Tom Allan, LL.B. - - - - 1940
Huxley, Leonard George Holden, Ph.D. (D.Phil., Oxford) - - - - - - 1950
Hyde, Miriam Beatrice, Mus.Bac. - - 1931

I

†Ide, Donald Norman, B.E. (Interim B.Sc. (Eng.), 1948, surrendered) - 1948
Ide, Frank Boyle, B.E. - - - - - 1928
Iliffe, James Drinkwater, B.Sc. - - - 1899
Iliffe, Michael Isaac Glover, B.Sc. - - 1934
Ingamells, Dora, B.A. - - - - - - 1909
Ingamells, Eric Marfleet, B.A. - - - 1908
Ingamells, Reginald Charles, B.A. - - 1934
Ingleby, Aileen Constance, LL.B. - - 1921
in't Veld (nee Champion de Crespigny), Margaret, B.A. (Melbourne, 1940) 1940
Ireland, Norman Arthur, M.A. - - - 1932
Irvine, Beatrice May, M.B., B.S. - - 1941
†Irving, Denys Benson, B.Sc. - - - 1950
Irving, Henry Edward, LL.B. - - - 1933
†Irving, Iris Mary, B.A. - - - - - 1950
Irving, Roger John, M.Sc. - - - - 1948
Irwin, Edith French, B.Sc. - - - - 1939
Irwin, Graham Wilkie, B.A. - - - - 1947
Irwin, Robert Newenham, LL.B. - - 1929
Irwin, William Morris, M.B., B.S. - - 1938
Isaachsen, Oscar Cedric, LL.B. - - - 1932
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931) - - - - - - - 1937
Isles, Keith Sydney, M.A. (Cambridge, 1933) - - - - - - - - - - 1941
Isom, Constance Ruth, B.A. - - - 1934

J

Jack, Fannie Augusta, B.A. (Sydney, 1899) - - - - - - - - - - 1913
Jack, Robert Lockhart, B.E. (Sydney, 1899) - - - - - - - - - - 1913
D.Sc. - - - - - - - - - - 1930
Jack, William Logan, M.B., B.S. - - 1929
Jackman, Frank Downer, B.E. - - 1924
Jackman, Lloyd Miles, M.Sc. - - - 1949
Jackson, Arthur Marchant, B.A. - - 1943
Jackson, John Frederick, B.Sc. - - - 1945
Jackson, Norton, B.E. - - - - - - 1941
Jacob, Charles Ernest Frederick, B.E. 1934
†Jacobs, Alan Brian, B.Ec. - - - - 1949
Jacobs, Doreen Miriam, Mus.Bac. - - 1941
Jacobs, Maxwell Ralph, M.Sc. - - - 1936
†Jacobs, Samuel Joshua, LL.B| - - - 1948
James, Alan Treleven, M.Sc. - - - 1949
James, Bertha Gwendoline, B.A. - - 1934
James, Clarence Keith, B.E. - - - 1932
James, Colin Thomas, M.B., B.S. - - 1942
James, Helen Margaret, B.A. - - - 1941
James, Paul Reuben, M.B., B.S. - - 1941
James, Robert Jeffery, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - 1947
James, Wesley Hughes, B.Sc. - - - 1919
M.E. - - - - - - - - - - 1932
James William Rex, M.B., B.S. - - 1928
Janes, Boris Sebire, M.Sc. - - - - 1948
Jansen, Marcus Gordon, M.B., B.S. - 1943
Janzow, Eric Herbert Martin, B.A. - 1940
Jarrett, Ivan Gentry, M.Sc. - - - - 1947
†Jarvis, Ronald Harris, M.B., B.S. - - 1948
Jauncey, George Eric Macdonnell, D.Sc. - - - - - - - - - - 1922
Jay, Hubert Melville, M.B., B.S. - - 1908
Jay, Peter Gerald, M.B., B.S. - - - 1941
†Jeffery, Margaret Wyn, B.Sc. - - - 1950
Jeffries, John Singleton, M.B., B.S. - 1942
Jeffries, Lewis Wibmer, M.B., B.S. - 1907
Jeffries, Shirley Williams, LL.B. - - 1909
Jefferis, Arthur Tarlton, B.Sc. - - - 1908
†Jenke, Dudley Conrad, B.Sc. - - - 1950
Jenkin, Alfred John Roseland, B.A. - 1932
Jenkin, Beth Lenore, B.A. - - - - 1940
Jenkin, Mabel Gertrude, B.A. - - - 1928
†Jenkins, Heather Gordon, B.Sc. - - - 1950
Jenkins, Rex Desmond, B.A. - - - 1941
Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916) - - - - - - - 1922
†Jennings, Bruce Arthur, B.E. - - - 1950
†Jennison, Raymond Barraclough, B.E. 1950
Jens, John Matthias Joseph, M.B., B.S. 1934
Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - - - - - 1947
Jensen, Tom Broughton, B.E. - - - 1938
†Jephcott, Bruce Reginald, B.Sc. - - 1950
Jericho, Arnold Mervyn, B.E. - - - 1938
Jessup, Rupert William, M.Sc. - - - 1948
Jew, Ronald William, LL.B. - - - 1937
Johncock, Leonard Percy, B.A. - - - 1926
Johns, Bennett Gilbert Langman, B.Sc. 1937
†Johns, Robert Keith, B.Sc. - - - - 1948
Johnson, Dorothy Mavis, B.A. - - - 1931
Johnson, Edward Angas, M.B., Ch.B. (Melbourne, 1897) - - - - - 1897
M.D. (Gottingen, 1899) - - - - 1901
Johnson, Edwin Ralph, B.A. - - - 1931
†Johnson, Keith Douglas, B.Sc. - - - 1950
Johnson, Peter Ralph, B.Sc. - - - 1941
Johnson, Ronald Lisle, LL.B. - - - 1937
Johnson, William Courtenay Saunders, B.A. - - - - - - - - - - - 1934
Johnson, William Herbert, B.A. - - 1911
Johnston, Benjamin George, M.B., B.S. 1924
†Johnston, Elizabeth, LL.B. - - - - 1948
Johnston, Elliott Frank, LL.B. - - - 1940
Johnston, Lance Galbraith, B.E. - - 1925
Johnston, Ross George, B.D.S. - - - 1936
Johnston, Thomas Harvey, D.Sc. (Sydney, 1911) - - - - - - - - - 1923
Johnstone, Percy Emerson, B.A. - - 1894
LL.B. - - - - - - - - - 1898
Johnstone, William Watson, M.E. - - 1947
Jolly, Bertram Morris, M.B., B.S. - - 1937
Jolly, Donald, B.Sc. - - - - - - - 1945
Jolly, Norman William, B.Sc. - - - 1901
Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930) - - - - - - - - - 1936
†Jolly, William Alfred Swinburne, B.E. 1948
Jolly, William Richard Norman, B.Sc. B.A. - - - - - - - - - - - 1937
Jona, Jacob, B.Sc. - - - - - - - 1908
Jona, Judah Leon, D.Sc. - - - - - 1910
M.B., B.S. (Melbourne, 1911) - - 1917
M.S. - - - - - - - - - - 1919
Jones, Alan Thomas Britten, M.B., B.S. 1921
Jones, Albert Edward, LL.B. - - - - 1888
Jones, Albert Walter, B.Sc. - - - - - 1932
M.A. - - - - - - - - - - 1944
Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - - 1949
Jones, Brynmor Beveridge, M.B., B.S. 1921
Jones, Conway Jeffrey, B.Sc. (Eng.) - 1945

† Not yet Members of the Senate.

†Jones, David Lewis, M.B., B.S. - - 1950
Jones, Doris Egerton, B.A. - - - - 1911
Jones, Dorothy Irene, B.A. - - - - 1945
Jones, Edmund Britten, M.B., B.S. - 1910
Jones, Frederick Wood, D.Sc. (London, 1910) - - - - - - - - - 1920
Jones, Geoffrey Hedley, M.B., B.S. - 1947
Jones, Gwynfred, B.Sc. - - - - - 1926
Jones, Herbert William, B.E. - - - 1939
Jones, Jean Murray, M.B., B.S. - - 1944
Jones, Kelvin Lindsay, B.Sc. - - - 1945
Jones, Mander-, Evan, M.A. (Oxford) 1948
Jones, Margaret Britten, B.A. - - - 1947
†Jones, Reginald John, B.A. - - - 1948
Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941) - - - - - 1948
Jones, Robert Howard, B.Sc. - - - 1940
Jordan, Deirdre Frances, B.A. - - - 1947
Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - 1947
Jose, Edward Salisbury, B.A. (Oxford, 1904) - - - - - - - - - 1905
†Jose, Geoffrey Alan, M.B., B.S. - - 1948
Jose, George Herbert, M.A. (Oxford, 1906) - - - - - - - - - 1906
Jose, Ivan Bede, M.S. (M.B., B.S., 1915) - - - - - - - - - 1923
Joseph, George, LL.B. - - - - - 1938
Joyce, Rosalie Woodruff, B.A. - - - 1929
Joyner, Malcolm Stewart, B.D.S. - - 1926
Joyner, Max Frederick, LL.B. - - - 1913
Judd, Percival Richard Henry, B.A. - 1934
B.Ec. - - - - - - - - - - - 1938
Jude, Gertrude Josephine, B.Sc. - - 1901
Judell, Maurice Wolff, B.Sc. - - - 1903
Judell, Trevor Leopold, B.Sc. - - - 1947
Judell, Vivienne, LL.B. - - - - - 1933
Juett, Christina Margaret, M.A. - - 1933
Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909) - 1914
Jungfer, Carl Clifford, M.D. (M.B., B.S., 1936) - - - - - - - - 1949
Jungfer, Lorenz Wilfred, B.D.S. - - 1933
Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907) - - - - - 1914
Jury, Charles Rischbieth, M.A. (Oxford, 1923) - - - - - - - - 1931

K

Kahan, Raoul Robellaz, B.Sc. - - - 1911
Kaines, Macklin, B.A. - - - - - - 1927
Kaines, Raymond Hannay, M.B., B.S. 1926
†Kaneff, Stephen Dimov, B.E. - - - 1949
†Kappler, Laurel Valma Joy, B.A. - - 1950
Katekar, Henry John, LL.B. - - - 1937
Kay, Alexander Theodore, B.E. - - 1924
Kay, Cecil Bernhard, B.Sc. - - - - 1935
Kay, Mouat John Richard, M.A. (Oxford, 1907) - - - - - - - - 1926
Kay, Robert Pringle, B.E. - - - - 1926
Kay, Sylvius Clarence, B.Sc. - - - 1939
Kean, Eileen Margaret, M.A. - - - 1930
†Keany, John William, B.Ec. - - - 1949
Kearnan, Joseph Reginald, LL.B. - - 1925
†Kearney, Bernard James, B.A. - - 1949
Keats, Arthur Lange, B.E. - - - - 1937
Keats, John Augustus, B.Sc. - - - 1944
†Keats, Reynold Gilbert, B.Sc. - - - 1948
Keeves, John Philip, B.Sc. - - - - 1945
Keeves, Margaret, B.A. - - - - - 1944
Keipert, Leslie James, M.B., B.S. - - 1918
Kekwick, Daintrey Ned, M.B., B.S. - 1942
Kelly, Cecil James St. Leger, LL.B. - 1924
Kelly, Ellen, B.A. - - - - - - - 1928
Kelly, Eric Gordon, M.A. - - - - - 1925
Kelly, Francis, LL.B. - - - - - - 1906
Kelly, Francis Peter, LL.B. - - - - 1937
†Kelly, Gwenda Mary Christine, B.A. - 1949
Kelly, John Erwin, LL.B. - - - - - 1936
Kelly, Michael, M.D. (M.B., B.S., 1928) 1945
Kelly, Michael Lawrence, LL.B. - - 1928
Kelly, Patrick Joseph, LL.B. - - - 1924
Kelly, Thomas Davis, M.S. (M.B., B.S., 1934) - - - - - - - - - - 1949
Kelly, William Raymond, LL.B. - - 1920
†Kelman, Hilda, M.B., B.S. - - - - 1948
B.A. (Western Aust., 1943) - - - 1949
Kelsey, Oswald Mortimer, B.E. - - - 1938
Kemp, Henry Kenneth, B.Ag.Sc. - - 1933
Kendrew, George Harry, M.B., B.S. - 1917
Kenihan, Raphael Leo, M.B., B.S. - - 1915
Kenihan, Robert Austin, M.B., B.S. - 1946
†Kennare, Hugh Daly, B.D.S. - - - 1950
Kennedy, Alexander Lorimer, B.E. - 1915
Kennedy, Josephine Margaret, M.B., B.S. - - - - - - - - - - 1939
†Kennett, Edmund Richard, B.E. - - 1949
Kenny, Martin Lance, B.A. - - - - 1940
†Kentish, Timothy David, B.Ag.Sc. - 1949
Keon-Cohen, Russel Hallel, M.A. (Melbourne, 1925) - - - - - - - 1945
†Kerin, John Francis, B.A. - - - - 1949
Kerr, Challen Sydney, M.B., B.S. - 1942
Kerr, Colin Gregory, M.A. - - - - 1937
Kerr, David Ian Beviss, B.Sc. - - - 1947
Kerslake, William James, B.A. - - - 1942
Kessell, John Samuel, M.B., B.S. - - 1923
†Kessell, Maurice, M.B., B.S. - - - 1950
Kessell, Stephen Lackey, M.Sc. - - - 1927
Kesting, Louis John, B.A. - - - - - 1944
†Keynes, Doris Ruth, B.Sc. - - - - 1950
Keynes, Nanette Joan, B.A. - - - - 1943
†Kidman, Barbara Phyllis, B.Sc. - - 1948
Kiek, Edward Sidney, M.A. (Oxford, 1910) - - - - - - - - - 1920
Kiek, Laurence Edward, M.A. - - - 1949
Kiek, Sidney Noel, B.Sc. - - - - - 1939
Kiek, Winifred, M.A. (B.A., Manchester, 1907) - - - - - - - - 1929
Kies, Alick 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
Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eg.), 1943, surrendered) - 1947
†Kinnear, Andrew Munro, B.E. - - - 1950
Kirkby, Mary Maude, B.Sc. - - - - 1890
Kirkman, David Norton, M.B., B.S. - 1947
†Kirkman, Edith Doreen, B.Sc. - - - 1948
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, 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
Knauerhase (nee Kiek), Margaret Lucy, B.A. - - - - - - - - - - 1934
Knauerhase, Oscar Carl, M.A. - - - 1943
Kneebone, Christopher Stephen, B.E. - 1920
Kneebone, John Keith, M.B., B.S. - 1947
Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911) - - - - - - - 1921
†Kneebone, Nance Gordon, B.A. - - 1950
Knight, Percy Norwood, B.A. - - - 1888
Knight, Ronald Barrington, M.B., B.S. 1933
Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - 1947
Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928) - - - 1938
Koehne, Marjorie Evelyn, B.A. - - - 1931
Koehne, Raymond Percy, B.A. - - - 1932
Koerner, Carl Frederick, M.E. - - - 1933
B.Sc. - - - - - - - - - - - 1928

† Not yet Members of the Senate.

Koerner, John Francis, B.E. - - - - 1924
Kohler, Theodor George, M.B., B.S. - 1946
Kollosche, Harold Frank, M.B., B.S. - 1915
†Koop, Eric John, B.E. - - - - - 1949
†Koop, Peter Malcolm, M.B., B.S. - 1949
Krantz, Kenneth David, M.B., B.S. - 1941
Krantz, Roy, M.B., B.S. - - - - - 1930
Krantz, Sydney, M.B., B.S. - - - - 1927
Krause, Malcolm Rex, B.Ag.Sc. - - 1947
†Kretschmer, Gaynor Blanche, B.A. - 1948
Krichauff, George Frederick, B.E. - - 1927
Krieg, Erwin Oswald, B.A. - - - - 1947
Krieg, Marcus Gustav, B.A. - - - 1941
Kriehn, Adolf Oscar, M.A. - - - - 1926
Kriewaldt, Martin Rudolf Chemnitz, B.A. (Wisconsin, 1922) - - - - 1923
LL.B. - - - - - - - - - - 1925
†Kruger, James Morris, B.Sc. - - - 1948
Kuchel, Carl Wilhelm August, M.A. - 1912
Kuchel, Clemens Carl, B.Sc. - - - 1934
Kuchel, Rex Harold, B.Sc. - - - - 1942
Kuchel, Robert Erwin, B.Sc. - - - 1947
Kuhlmann, Herman Frederick, M.B., B.S. - - - - - - - - - 1943
Kyd, Isabel Somerville, B.A. - - - 1937
Kyd, Margaret Florence, B.A. - - - 1941

L

Lacey, John Salisbury, B.E. - - - 1946
Lade, Kathleen Beatrice, B.A. - - - 1930
Lade, Norman Edgar, M.A. (Melbourne, 1926) - - - - - - - - 1937
Laffan, Anna Estelle, B.A. - - - - 1922
Laffer, Leonard Hughes, B.Ag.Sc. - - 1934
†Laidlaw, Donald Hope, LL.B. - - - 1949
Laidlaw, William Clarke, B.A. - - - 1938
†Lake, Blair Hingston, B.D.S. - - - 1950
Lake, Robb Hingston, LL.B. - - - 1939
Lamey, Charles Sydney, B.A. - - - 1932
Lamey, Gwenyth Eugene, B.A. - - - 1940
Lampard, Dudley John, M.B., B.S. - 1941
Lampe, Victor Leslie, B.A. - - - - 1919
Lamphee, Allan Dunstan, M.B., B.S. - 1924
†Lamshed, Albert Saville, B.A. - - - 1950
La Nauze, Barbara Burton, B.Sc. - - 1937
La Nauze, John Andrew, B.A. (Oxford, 1934) - - - - - - - - - 1935
Lane, Annie, M.A. - - - - - - - 1904
†Lane, Douglas James, B.Sc. - - - - 1950
Lang, Eric, M.E. - - - - - - - - 1930
Lang, Philip Roy, M.A. - - - - - 1929
†Lang, Samuel Brambley, B.A. - - 1949
Lang, Sydney Chapman, B.A. - - - 1896
Lang, William Holland, B.Sc. - - - 1908
Langevad, Eric James, B.E. - - - 1933
Langford-Smith, Trevor, M.Sc. (B.Sc., Syd., 1940) - - - - - - - - 1942
Langron, William Joseph, B.Sc. - - 1947
†Langsford, Diana, B.A. - - - - - 1948
Langstaff, Lois, B.A. - - - - - - 1944
Lapidge, Jack Stanley, B.E. - - - - 1935
†Laslett, Ian John, B.Sc. - - - - - 1950
†Last, John Murray, M.B., B.S. - - 1949
Last, Raymond Jack, M.B., B.S. - - 1924
Laught, Keith Alexander, LL.B. - - 1927
Laughton, Frances Elizabeth, B.A. - - 1941
Laughton, Rosemary Pauline, B.A. - 1945
Laurence, Joan Mary, B.A. - - - - 1935
†Lavis, David Milton, B.Sc. - - - 1949
Lavis, John Frederic, B.D.S. - - - 1945
Law, Gertrude Teresa, M.A. - - - 1924
Lawrence, Alfred Oscar Platt, B.Sc. - 1928
Lawrence, Bruce Ernest, M.B., B.S. - 1927
Lawrence, Gordon Ord, D.D.Sc. - - 1945
Lawry, Reginald Arthur, B.A. - - - 1943
Laws, Keith William, B.D.S. (Sydney, 1924) - - - - - - - - - 1925
Lawson, Frederick Henry, B.Sc. - - 1935
†Lawton, Peter Alan, B.Sc. - - - - 1950
Laycock, Frederick John, M.B., B.S. - 1941
Lea, Richard Henry Maclure, B.E. - 1925
Leach, Basil Wood, B.D.S. (Melbourne, 1920) - - - - - - - - - 1924
Leach, John Brian, B.D.S. - - - - 1947
†Leach, Raymond Basil, B.D.S. - - - 1950
†Leach, Robert William, B.A. - - - 1950
†Leach, Ronald Hubert, B.Sc. - - - 1950
Leach, William Valentine, M.A. - - 1923
Leader, Haynes, LL.B. - - - - - 1926
Leaney, Roy Kent, B.A. - - - - - 1947
Leask, John Hunter, B.E. - - - - 1928
Leaver, Edward, LL.B. - - - - - 1928
Leaver, Kenneth Batten, B.A. - - - 1942
Leckie, Alexander Joseph, Mus.Bac. - 1913
Ledger, Gladys May, B.A. - - - - 1912
Ledger, William Henry, B.Sc. (Sydney, B.E., 1903) - - - - - - - - 1906
Leditschke, Friedrich Berthold, M.B., B.S. - - - - - - - - - - 1924
Lee, Frank Milton, B.A. - - - - - 1939
Lee, Heather Vivian, B.A. - - - - 1947
Lee, Hector John, M.Sc. - - - - 1949
Leidig, Ludwig Adolf Emanuel, M.A. - 1926
Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935) - - - - - - - - 1947
LeLacheur, Hellier, B.A. - - - - 1915
LeMaistre, Ray Mauger, B.A. - - - 1939
Lemcke, 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
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, Graham Ethelbert, B.Sc. - - 1950
Lewis, Gwenyth Elizabeth, B.D.S. - - 1932
Lewis, Irene Gwendoline, B.Sc. - - 1907
Lewis, John Aylward, M.B., B.S. - - 1944
Lewis, Joseph Arthur, B.A. (W. Aus., 1934) - - - - - - - - - 1935
Lewis, Keith Gray, B.Sc. - - - - 1940
Lewis, Kevin Joseph, B.D.S. - - - 1933
Lewis, Leonard Arthur, B.Sc. - - - 1940
†Lewis, Mary, B.A. - - - - - - - 1949
Lewis, Norman Benjamin, B.Sc. - - 1947
Lewis, Raymond Douglas, B.Sc. - - 1939
Lewis, Reginald William Frederick, B.E. - - - - - - - - - - 1925
Lewis, Robert Brook, B.Sc. (Melbourne, 1941) - - - - - - - - - 1947
Lewis, Roy Newman, B.Sc. - - - - 1945
†Lewis, Stuart Hayes, M.B., B.S. - - 1950
†Lewis, Sylvia Hilda, B.Sc. - - - - 1950
Leyland, Geoffrey Agar, M.B., B.S. - 1944
†Liddy, Desmond Terence, B.Sc. - - 1950
Liebich, Alvin Frederick, B.E. - - - 1940
Ligertwood, George Coutts (Warden of the Senate), B.A. - - - - - 1908
LL.B. - - - - - - - - - - 1910

† Not yet Members of the Senate.

†Ligertwood, James Arthur, B.E. - - 1950
†Ligertwood, Neil Coutts, LL.B. - - 1948
†Lilburne, Geoffrey Douglas Roland, M.B., B.S. - - - - - - - - 1949
†Lillecrapp, Douglas Arthur Julian, B.A. 1949
Lillywhite, Cuthbert, B.Sc. - - - - 1899
Lillywhite, John Wilson, B.Sc. - - 1936
Limbert, Melville Louis, B.E. - - - 1934
Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919) - - - - 1928
Lindsay, Keith Malcolm, B.A. - - - 1939
Lindsay, Thomas Bruce, M.D.S. - - 1950
Lines, Dean Franc, B.Sc. - - - - 1944
Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915) - - - - - - 1933
Linn, Beryl Eileen, LL.B. - - - - 1933
†Linn, Helen Kathleen, B.Sc. - - - 1950
Linn, Howard Wadmore, M.B., B.S. - 1944
†Linn, John Graham, M.B., B.S. - - 1950
Linn, Leslie Wadmore, M.B., B.S. - - 1918
Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927) - - - - - 1942
D.Sc. - - - - - - - - - 1950
†Liston, Mary Howard, B.A. - - - 1950
Litchfield, Kenneth Lyle, LL.B. - - 1935
Lloyd, Denys Morrison, LL.B. - - - 1938
Lloyd, Hugh Arthur, M.B., B.S. - - 1940
Lloyd (nee Smith), Ida Gwendoline Viner, B.A. - - - - - - - - 1902
Lloyd, Thomas Rex Viner, B.E. - - 1932
Loan, Edward Charles, B.A. - - - 1903
Lock, Maurice Joseph Bayard, B.Sc. - 1945
Logan, Ernest Albert William, B.A. - 1937
†Lohmeyer, Vivian Keith, B.Ag.Sc. - - 1950
Long, Eileen Edith, B.A. - - - - 1939
Longbottom, David Cox, B.E. - - - 1938
†Lord, Eric Ross, B.A. - - - - - 1948
Loutit, John Stuart, B.Sc. - - - - 1945
†Lovall, Keith Everett, M.B., B.S. - 1949
Love, Clement Vernon, M.B., B.S. - 1947
Love, James Robert Beattie, M.A. - - 1933
Love, John Alexander, M.B., B.S. - - 1915
Lovick, Lilian Sheelagh, LL.B. - - 1939
†Lower, Mark Anthony, LL.B. - - - 1948
†Lower, Mostyn Harcourt, B.Sc. (Eng.) 1949
Lower, Oswald Bertram, M.B., B.S. - 1939
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
†Lungley, Sheila Amelia Gordon, M.B., B.S. - - - - - - - - - 1950
Lunn, Margaret Anne, LL.B. - - - 1931
Lushey, Frederick Mayne, B.Ec. - - 1942
Lushey, Harold Merton, M.A. - - - 1926
Lushey (nee Wilks), Vida Alice, B.A. - 1904
†Luxton, Clarence Richard Paul, B.E. - 1950
Lynch, John Henry, B.A. - - - - 1947
†Lynn, Kenneth Roy, B.Sc. - - - - 1949
Lyon, Hugh Pearson Dunlop, LL.B - - 1925
Lyons, Henry Emerson Wescombe, M.B., B.S. - - - - - - - - 1940
Lyons, Ruth, M.B., B.S. - - - - 1942

M

McAnaney, Rita Margaret, M.B., B.S. - 1926
McAree, Francis Edward, M.B., B.S. - 1906
McAree, John Victor, M.B., B.S. - - 1905
McAskill, Ronald Fergus, B.E. - - - 1939
†McAuley, John Patrick, B.Ec. - - - 1949
Macaulay, Robert Wilson, B.A. - - - 1903
Macbeth, Alexander Killen, D.Sc. (Belfast, 1914) - - - - - - - - 1928
Macbeth, Anna Maureen, B.Sc. - - - 1943
Macbeth, Patricia Maeve, B.Sc. - - 1944
McBride, Dorothy Evelyn, Mus.Bac. - 1915
†McBride, Mavis Anne, B.A. - - - 1950
†McBride, Peter, B.E. (Interim B.Sc. (Eng.), 1948, surrendered) - - - 1949
McBride, William John, B.Sc. - - - 1898
McBryde, Frederick Balfour, LL.B. - 1912
B.A. - - - - - - - - - - 1920
†McBryde, Ian Balfour, B.E. - - - - 1950
MacCallum, Sir Mungo William, LL.D. (Glasgow, 1906) - - - - - - 1926
†McCallum, Maurice Daniel, M.B., B.S. 1950
McCann, John Conleth, B.A. - - - - 1941
McCann, Ralph Newton, M.B., B.S. - 1946
McCann, William James, M.B., B.S. - 1946
†McCarthy, Brian Stephen, M.B., B.S. - 1948
McCarthy, Burnard, B.A. - - - - - 1926
McCarthy, Doreen Franklin, B.A. - - 1931
B.Sc. - - - - - - - - - 1940
McCarthy, Peter Paul, LL.B. - - - 1924
B.A. - - - - - - - - - - 1923
McCloughry, Claude Lancelot, B.E. - 1926
McConnon, James, B.A. - - - - - - 1925
McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922) - - - - - - - 1928
McCullough, Amy Margaret, B.A. - - 1942
†McDonald, Colin Robert, B.Sc. - - 1949
McDonald, Cyril George Hugh, B.E. (B.Sc., 1913, surrendered for B.E., 1917) - - - - - - - - - 1917
McDonald, Donald Stuart, B.A. - - 1937
McDonald, Gilbert Sherman, B.A. - 1930
†McDonald, Heather Hunter, B.Sc. - 1949
McDonald, John Hunter, B.A. - - - 1934
Macdonald, Keith Alexander, LL.B. - 1932
McDonald, Percy William, B.A. - - 1932
†McDonald, Peter Baker, B.A. - - - 1950
McDonald, Ross, LL.B. - - - - - 1913
McDonnell, Eileen Mary, B.A. - - - 1929
McDonnell, Ellen Mary, B.A. - - - 1943
McDougall, Elisabeth, B.A. - - - - 1942
McDougall, John, B.E. - - - - - 1943
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926) - - - - - 1948
McEachern, Morven, B.D.S. - - - 1927
McElligott, John, B.A. (Queensland, 1938) - - - - - - - - - 1940
McEvoy, Aloysius John, B.A. - - - 1937
†McEwan, Lena Elizabeth, M.B., B.S. - 1949
McEwin (nee Marshall), Betty Waddell, B.Sc. - - - - - - - - - 1943
McEwin, John Neil, LL.B. - - - - 1928
McEwin, Keith, M.B., B.S. - - - - 1912
McEwin, Roderick Gardner, M.B., B.S. 1944
McFarlane, Eileen Dorothea, B.A. - - 1943
McFarlane, John Preiss, LL.B. - - - 1936
McFarlane, Trevor Hector, LL.B. - - 1937
McFarlane, William Hector, B.Ag.Sc. 1942
McGee, John, LL.B. - - - - - - - 1922
Macghey, Mary Veta, M.A. - - - - 1930
McGlashan, John Eric, M.B., B.S. - 1909
McGlashan, John Gardner, M.B., B.S. 1942
McGlashan (nee Gardner), Mary Beatrice, B.A. - - - - - - - - 1909
McGlew, Phyllis Dorothy, M.B., B.S. - 1918
McGowan, George Murray, B.A. - - 1938
†McGowan, Norman Leslie, B.E. - - 1950
McGrath, Ivan Stanley, B.D.S. - - 1946
†McGrath, Kelvin Paul, B.Sc. - - - 1950
†McGregor, Gordon Thompson, B.A. - 1950
†Machell, John Edward Lewis, B.Sc. - 1948
Machin, George Herbert, B.E. - - - 1934
†McHugh, Edward Charles, LL.B. - - 1948
†McInerney, Thomas John, B.Sc. - - 1949
McInerney, Thomas Taylor, LL.B. - 1939
McIntosh, Gerald Alexander, M.B., B.S. 1944
McIntosh, Howie James, B.E. - - - 1927
MacIntosh, Ronald MacKenzie, M.B., B.S. - - - - - - - - - 1941
Mack, Douglas Urban Gilbert, B.A. - 1940
Mack, Hans Hamilton, B.A. - - - - 1880
McKail (nee Boyer), Gertrude Mary, B.A. - - - - - - - - - - 1912
Mackail, John William, LL.D. (Edinburgh) - - - - - - - - - 1923
MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924) - - - - - 1924
McKay, Douglas Gordon, M.B., B.S. - 1927
Mackay, Malcolm George, B.A. - - 1947
McKay, Malcolm William, B.A. - - 1936
MacKay, Margaret Ethel, M.Sc. - - 1938
†McKay, Maureen Gordon, B.Sc. - - 1949

† Not yet Members of the Senate.

McKay, Ronald George MacAlpine, M.B., B.S. - - - - - - - - - 1941
Mackay, Samuel Angus, B.Sc. - - - 1921
McKay, William Alfred, M.A. - - - 1937
McKechnie, Alan Francis Clark, B.E. - 1924
McKechnie, Elizabeth Lawson, B.A. - 1926
McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - - - - - 1948
†McKenna, Donald George, M.B., B.S. 1949
McKenzie, Donald Keith, M.B., B.S. - 1927
McKenzie, Mary, M.B., B.S. - - - 1946
McKie, Duncan, Mus.Bac. - - - - 1938
McKinnon, George Clarence, B.Sc. - 1933
McKinnon, Robert Campbell, B.A. - - 1934
†McKinnon, Robert Keith, B.E. - - - 1950
Macklin, Ellen Dulcie, M.Sc. - - - 1927
Macklin, Laura Muriel Caterer, B.A. - 1934
Maclaren, Peter Patrick, B.A. - - - 1915
McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935) - - - - - - - - - 1947
McLaughlin, Eric Enstone, LL.B. - - 1935
McLaughlin, Eugene, M.B., B.S. - - 1922
McLean, Albert Eric, M.A. - - - - 1931
McLean, Dorothy Alice, B.A. - - - 1927
†McLean, Murray Colin, B.A. - - - 1949
McLean, Reginald Alexander, B.A. - - 1932
McLean, Sibeley Jean, B.Sc. - - - 1945
McLeay, Donald Barton, M.B., B.S. - 1947
†McLeay, Helen Mary, B.A. - - - - 1950
Maclennan, James Sydney Kilcoy, LL.B. - - - - - - - - - - 1906
McLeod, Allan John, B.Sc. - - - - 1939
†McLoughlin, Vincent Patrick, B.A. - 1949
†Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - - - - - - - 1948
McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - - - - - - - - - - 1944
†McMichael, Kenneth Price, B.E. - - 1950
†McMillan, Raymond, B.E. - - - - 1949
†McMillan, Stanley Lyall, B.Sc. - - 1949
McMutrie, Alan Ian, B.A. - - - - 1935
McMutrie, Colin, B.A. - - - - - 1925
McMutrie, Winifred Joan, B.A. - - - 1935
McNamara, Agnes, B.A. - - - - - 1937
McNeil, Ian (formerly John), M.B., B.S. - - - - - - - - - - - 1918
McNicol, David Williamson, B.A. - - 1937
McPharlin, Deane, B.Sc. - - - - 1945
McPherson, Alexander Owen, B.Sc. - 1926
M.A. - - - - - - - - - - 1933
McPherson, Mary, B.A. - - - - - 1947
Macpherson, Reginald Murray, B.A. - 1947
Macpherson, Shirley Helen, B.A. - - 1941
McPhie, Jean Elsbeth, B.Sc. - - - 1945
McPhie, John Milroy, M.B., B.S. - - 1942
McQueen, George Hugh, M.B., B.S. (Melbourne) - - - - - - - - - 1947
†McRobert, Helen Angus, M.B., B.S. - 1949
†MacSkimming, Walt Ronald Auscot, B.A. - - - - - - - - - - - 1950
McWhae, Douglas Hope, M.B., B.S. - 1945
Maddeford, Sheila Lamont, LL.B. - - 1927
Maddern, Cecil Boase, D.D.Sc. (B.D.S., 1924) - - - - - - - - - - 1926
†Maddern, John Pearce, M.B., B.S. - - 1948
Maddern, Martin Randall Foss, B.A. - 1937
Madison, Thomas Glover, M.B., B.S. - 1946
Madigan, David Cecil, B.Sc. - - - 1937
Madigan, Paul Edward, LL.B. - - - 1922
Madigan, Russel Tullie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - 1947
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900) - - - - - 1901
D.Sc. - - - - - - - - - - 1907
Maegraith, Brian Gilmore, M.B., B.S. 1930
Magarey, Alexander Roy, M.B., B.S. - 1941
Magarey, Ashley Henderson, LL.B. - - 1938
M.B., B.S. - - - - - - - - - - 1940
†Magarey, Brian Attiwill, LL.B. - - - 1948
Magarey, Frank Rees, M.D. (M.B., B.S., 1935) - - - - - - - - - - 1941
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927) - - - - - - - - - - 1939
Magarey, James Rupert, M.B., B.S. - 1938
†Magarey, Katherine Ashley, B.Sc. - 1949
Magarey, Kathleen de Brett, B.A. - 1921
B.Sc. - - - - - - - - - - 1932
†Magarey, Kevin Barry, B.A. - - - - 1950
Magarey, Rupert Eric, M.B., B.S. - - 1904
Magor, Clifford James, M.A. - - - - 1932
Magor, Irvine Frank, B.A. - - - - 1938
Maguire, John Charles, B.A. - - - 1941
Maiden, Leslie Carrington, B.D.S. - - 1924
Main, Arthur Charles, B.E. - - - - 1926
Maitland, James Angus, LL.B. - - - 1932
Makin, Frank Humphrey, M.B. (Melbourne, 1901) - - - - - - - - - 1906
Mallan, James Michael, B.D.S. - - 1927
Mallen, Leonard Ross, M.B., B.S. - - 1925
Mallyon, Rebecca Oakley Kingsnorth, B.A. - - - - - - - - - - - 1943
Maloney, Martin James, B.E. - - - 1928
Maloney, Vernon Thomas Steven, B.Sc. 1929
Mander, Linden Alfred, M.A. - - - 1920
†Mander, Suzanne Flora, B.Sc. - - 1949
†Manea, Ernest Cosmo, M.B., B.S. - 1949
Mangan, John Arthur Leslie, LL.B. - 1927
Mann, Gertrude Irene, B.A. - - - 1919
Mannes, Sylvester Joseph, B.A. - - - 1938
Manoel, Eva Mary, B.A. - - - - 1938
†Mansbridge, Harold Edgar, B.Sc. - - 1949
†Mansfield, Eric William, B.E. - - - 1950
Mansfield, William Walladge, B.Sc. - 1943
†Manuel, Deane James Hubert, B.Ec. - 1950
Manuel, James Douglas, B.A. - - - 1944
†Marker, William Herman, B.E. - - 1949
Marlow, Alfred Dudley Roy, B.Sc. - 1938
Marmion, Robert James, B.Sc. - - 1918
†Marriner, Frank Wilfred, B.Sc. - - 1949
†Marsh, Charles William, B.E. - - - 1950
Marshall, Herbert Edmund, B.A. - - 1940
Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.), West Australia, 1929) - - 1933
M.Ag.Sc. - - - - - - - - - 1933
Marshman, Ashley Mead, B.A. - - - 1936
Marshman, Wesley Melvyn Tiller, B.D.S. - - - - - - - - - - 1924
Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912) - - - - - - 1913
Martin, Alfred Irwin, B.E. - - - - 1928
†Martin, Alfred William, B.A. - - - 1950
Martin, Amalia Anna, B.A. - - - - 1930
Martin, Bernice Wilma, B.A. - - - 1945
Martin, Sir Charles James, D.Sc. (London, 1896) - - - - - - - - - 1931
Martin, David Elwes, B.E. - - - - 1947
Martin, David Montgomerie, B.Sc. (Eng.) - - - - - - - - - - 1945
Martin, Frederick Clarence, M.A. - - 1932
Martin, Ian Holland, M.B., B.S. - - 1942
Martin, John Claude, LL.B. - - - 1905
Martin, Lincoln William, M.B., B.S. - 1931
Martin, Maurice Leon, B.Sc. - - - 1945
Martin, Ralph Keith, B.A. - - - - 1947
Martin, Stanley Bamford, M.B., B.S. - 1946
†Martin, Trevor Wallis, B.D.S. - - - 1950
Martin, Walter Raymond, B.A. - - - 1938
Martin, William Thomas, B.A. - - - 1914
Maschmedt, Zillah Daisy, M.A. - - - 1947
Mason, Bruce, B.Sc. - - - - - - 1938
Masters, Ross Lincoln, B.Sc. - - - - 1924
Mather, Keith Benson, B.Sc. (Eng.) - 1942
M.Sc. - - - - - - - - - - 1944
Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) - - - - - - - - - - 1948
†Matheson, Pamela, B.Sc. - - - - 1949
Mathews, David Stanley, B.Sc. - - - 1938
B.A. - - - - - - - - - - 1940
†Matters, Horace John, B.A. - - - - 1950
Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916) - - - - - 1929
M.S. - - - - - - - - - - 1935
Matthews, Gladys Mary Palmer, LL.B. 1935
Matthews, Harold Pflaum, B.E. - - 1927
Matthews, Maurice John, M.B., B.S. - 1944

† Not yet Members of the Senate.

Matthews, Richard Trahair, B.A. - - 1941
Matthews, Richard Twitchell, B.A. (London, 1883) - - - - - - - 1884
†Matthews, Robert Stephen, B.Sc. - - 1948
Mattingley, Brian John, B.A. (Tasmania, 1937) - - - - - - - - 1938
†Mattner, Ivy Ida, B.A. - - - - - - 1948
†Mattner, Philip Edward, B.Ag.Sc. - 1949
†Matulich, Ross Noel, LL.B. - - - - 1950
Mawby, Olga Gates, B.A. - - - - - 1922
Mawson, Sir Douglas, D.Sc. (B.Sc., Sydney, 1901) - - - - - - - - 1909
Mawson, Jessica Quita, B.Sc. - - - 1939
Mawson, Patricia Marietje, M.Sc. - - 1938
May, Dorothy Mary, B.A. - - - - - 1938
†May, Lancelot Harris, B.Sc. - - - - 1949
May, Leonard Seymour, B.Sc. - - - - 1926
May, Rolland George, Mus.Bac. - - - 1939
Maynard, Donald Archer Scott, B.Sc. B.A. - - - - - - - - - - - 1938
Mayne, Robert John Bruce, M.A. (New Zealand, 1926) - - - - - - - 1945
Mayo, Clarice Elton, B.A. - - - - - 1937
Mayo, George Elton, M.A. - - - - - 1935
Mayo, George Melrose Elton, B.Ag.Sc. 1926
Mayo, Helen Mary, M.D. (M.B., B.S., 1902) - - - - - - - - - - 1945
Mayo, Herbert, LL.B. - - - - - - - 1926
Mayo, John Christian, M.D. (M.B., B.S., 1913) - - - - - - - - - 1909
Mayo, Mary Penelope, M.A. - - - - - 1946
Mead, Dorothy, B.A. - - - - - - - - 1937
†Mead, John William, B.Ec. - - - - - 1927
Mead, Marjory, B.A. - - - - - - - - 1950
Meaker, Arthur Reginald, B.A. - - - - 1933
†Meaney, Maxwell Francis, B.Sc. - - - 1940
Measday, Ellen May, B.A. - - - - - 1950
†Measday, Jack William, B.E. - - - - 1940
†Medlin, Edwin Harry, B.Sc. - - - - 1948
Medlow, David, B.Sc. (Eng.) - - - - 1949
Meiers, John Maurus, B.A. - - - - - 1944
Melbourne, Henry Eoin Sydney, B.E. - 1937
†Melbourne, William Henry John, B.A. - 1920
Meldrum, Edgar Albert, B.D.S. (Sydney, 1924) - - - - - - - - - 1949
Mellor, Geoffrey Lloyd, M.B., B.S. - 1925
Mellor, Thomas Reginald, LL.B. - - - 1947
Mellows, Peter Ernest, M.B., B.S. - - 1920
Melville, Sidney John, LL.B. - - - - 1947
Menear, Ira, B.A. - - - - - - - - - 1921
Menz, Anna Magdalene Augusta, B.A. - 1927
Menz, Emmi Margarete, B.A. - - - - - 1918
†Menz, William John, B.Ec. - - - - - 1932
Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) - 1948
Mercer, Edgar Howard, B.Sc. - - - - 1947
Mercer, Frank Verdun, B.Sc. - - - - 1935
†Merrett, James Laurence, B.Sc. - - - 1942
Mertin, Jack Victor, B.Ag.Sc. - - - - 1949
Messent, Esther Mary, B.A. - - - - - 1944
Messent, Keith Santo, B.E. - - - - - 1928
Messent, Philip Santo, M.S. (M.B., B.S., 1918) - - - - - - - - - 1920
Meyer, Heinrich Carl, B.Sc. - - - - 1923
Michell, Charles Francis, M.B., B.S. - 1932
Michell, Mignon Norma Howard, B.A. - 1921
Michelmore, Walter Maxfield, B.Sc. - - 1944
Middleton, Melville John William, B.A. 1941
Middleton, William Thomas Steele, B.Sc. - - - - - - - - - - - 1941
Miethke, Adelaide Laetitia, B.A. - - - 1947
†Milazzo, Stephen Charles, M.B., B.S. - 1924
†Miles, Perry Ambrose, B.Sc. - - - - 1949
Milesi, Angelo John, B.Sc. - - - - - 1949
†Millard, Colin, B.Ec. - - - - - - - 1927
Miller, Annie Rose, B.A. - - - - - - 1950
Miller, Beryl Jessica, B.A. (Tasmania, 1923) - - - - - - - - - - 1934
Miller, Ian Lindemann, M.B., B.S. - - 1924
†Miller, Leslie Gordon, M.B., B.S. - - 1938
Miller, Malcolm William, M.B., B.S. - 1949
Miller, Margaret Una, B.A. - - - - - 1932
Miller, Raymond Orlando Maurice, B.A. 1928
Miller, Robert Lionel, B.Sc. - - - - 1905
M.B., B.S. - - - - - - - - - - 1942
1947

†Millhouse, Glenn, B.D.S. - - - - - 1948
Millhouse, Vivian Rhodes, LL.B. - - - 1939
Mills, Barbara Joyce, B.A. - - - - - 1938
Mills, Dorothy Nell, B.A. - - - - - 1928
Mills, Eric Baxter, B.E. - - - - - - 1929
Mills, John Archer, M.Sc. - - - - - 1944
Mills, John Brabyn, B.Sc. - - - - - 1936
Milne, Annie Johnson, B.A. - - - - - 1936
Milne, Kenneth Harvey, B.E. - - - - 1925
Milner, Desmond Walter, B.E. - - - - 1936
Milton, Gerald White, M.B., B.S. - - 1947
Minahan, Agnes Cecelia, M.A. - - - - 1933
Minson, Charles Stanley, B.Ec. - - - 1939
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, B.Sc. - - - 1947
Mitchell, George Thomas Jeffrey, M.A. 1932
†Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - 1948
Mitchell, Mark Ledingham, B.Sc. - - - 1923
Mitchell, Percival Harris, B.A. - - - - 1906
Mitchell, Roma Flinders, LL.B. - - - 1934
Mitchell, Thomas Oliver, B.Ag.Sc. - - 1933
Mitchell, Sir William, M.A. (Edinburgh, 1886) - - - - - - - - - - 1895
†Mitchell, William Robert, B.E. - - - - 1950
†Mitchell, William Russell, B.E. - - - 1948
Mitton, Ronald Gladstone, M.Sc. - - - 1928
†Mizon, Errol Alfred, B.Sc. - - - - - 1948
Moffatt, Betty Josephine Margaret Douglas, B.A. - - - - - - - - - 1946
LL.B. - - - - - - - - - - - 1947
Moffat, Dorothy Joan, B.A. - - - - - 1944
Moffat, May Josephine, M.B., B.S. - - 1911
†Mofflin, Lionel Hugh, M.B., B.S. - - 1948
Molineux, Ronald Eugene, B.E. - - - 1947
†Molloy, Raymond Brian, B.A. - - - - 1950
Moncrieff, Josephine Hartley, B.A. - - 1911
Moncrieff, Mary Kathleen, B.A. - - - 1910
Monfries, John William Elliott, B.D.S. 1924
Mongan, Horace John, B.E. - - - - - 1918
Moodie, Colin Troup, LL.B. - - - - - 1934
Moodie, Robert Beresford, LL.B. - - - 1931
†Moore, Alan Walter, B.Ag.Sc. - - - - 1948
Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921) - - - - - - - - 1926
Moore, Bertie Harcourt, M.E. (B.Sc. 1900, surrendered for B.E., 1913) - 1913
D.Sc. - - - - - - - - - - - 1931
Moore, Donald Rex, B.Sc. - - - - - - 1922
Moore, George Douglas, B.Sc. - - - - 1904
Moore, Harold Robinson, M.B., B.S. - - 1945
Moore, Humphrey Owen, B.Sc. - - - - 1932
Moore, Max Clifford, M.B., B.S. - - - 1946
Moore, Phyllis Mary, B.A. - - - - - - 1909
†Moore, Robert Brian, B.Ag.Sc. - - - - 1950
†Moran, Francis Brian, LL.B. - - - - 1948
Moran, John Francis, B.D.S. - - - - - 1941
Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - 1947
More, William St. Barbe, B.Sc. (Western Australia, 1922) - - - - - - 1947
Moreland, Jack, M.B., B.S. - - - - - 1926
†Morey, Burnard Spondley, B.Sc. - - - 1950
Morey, Geoffrey Wilson, M.B., B.S. - - 1926
Morgan, David Archibald Stevenson, M.B., B.S. - - - - - - - - - 1943
Morgan, Edward James Ranembe, LL.B. - - - - - - - - - - - 1920
†Morgan, Eric Desmond, B.D.S. - - - - 1948
Morgan, John Phillip, B.Sc. (Eng.) - - 1944
Morgan, Olwen Esther, B.A. - - - - - 1930
Morgan, William Matheson, B.E. - - - 1930
†Morphett, Anthony Eddy, B.Sc. - - - 1950
Morris, Hildred Ione, B.A. - - - - - - 1929
†Morris, John Lennox, B.A. - - - - - - 1949
†Morris, Kerwin William, B.Sc. - - - - 1949
†Morris, Lenore, B.Sc. - - - - - - - 1950
Morris, Lyndall Erica, B.A. - - - - - 1924
Morris, Mervyn Charles, LL.B. - - - - 1923
Morriss, Elsie, M.A. - - - - - - - - 1931

† Not yet Members of the Senate.

Mortimer, Peter Inkster, B.Sc. - - - 1943
Morton, Christopher Gordon, B.E. - 1924
Moss, Colin Lance, B.A. - - - - - 1939
Motteram, Philip, B.E. - - - - - 1914
Motteram, Reginald, B.Sc. - - - - 1934
M.B., B.S. - - - - - - - - - 1939
Moulden, Arnold Meredith, LL.B. - - 1914
Moulden, John Owen, LL.B. - - - 1938
Moulden, Owen Meredith, M.B., B.S. 1910
Mounster, Valerie Luella, B.A. - - - 1928
Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934) - - 1934
Moyes, John Stoward, M.A. - - - - 1907
Moyes, Morton Henry, B.Sc. - - - 1910
†Moyle, Francis James, B.Sc. - - - 1950
Moyle, Sidney, M.A. - - - - - - 1917
B.Sc. - - - - - - - - - - 1926
Moyses, Bertram Ivey, B.E. - - - 1937
Mudie, George Dempster, B.E. - - - 1921
†Muecke, Douglas Colin, B.A. - - - 1948
Muecke, Francis Frederick, M.B., B.S. 1902
Mueller, Edwin Albert, B.A. - - - 1939
†Mueller, Malcolm Dudley, B.E. - - 1950
†Mueller, Merna Alma, M.B., B.S. - - 1950
Mueller, Rae Vernon, B.Sc. - - - - 1944
Muetzelfeldt, Elfriede Elise, M.A. - 1950
Mugford, Frank Kenneth, M.B., B.S. - 1925
Mugford, Lancelot Suckling, B.A. - - 1945
Mugford, Rex Ernest, B.A. - - - - 1944
†Muirden, Elizabeth Alice, B.A. - - - 1950
Muirden, Hector Raymond, B.A. - - 1930
†Muirhead, Andrew Mackinnon, B.D.S. - 1950
Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.) 1943 surrendered) - - 1950
†Muirhead, James Henry, LL.B. - - 1950
Muirhead, Leonard Graeme, M.B., B.S. 1911
†Muirhead, Mortimer John Croft, M.B., B.S. - - - - - - - - - 1949
Mules, Betty Lavina, B.A. - - - - 1945
Mullen, Brian Anthony, LL.B. - - - 1935
†Muller, Peter Neil, B.E. - - - - -- 1949
†Mumme, Ivan Albert, B.Sc. - - - - 1949
†Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - 1949
Munday, Neill Horace, M.B., B.S. - - 1924
Mundy, Kevin Arnold, B.A. - - - 1936
Munn, Bertha Helen Temple, B.A. - - 1917
Munn, Sydney Morris, B.A. - - - 1940
†Munro, Ian Alexander, B.Sc. - - - 1949
†Murdoch, Bronwen, B.A. - - - - - 1950
Murn, Vincent Alan, B.E. - - - - 1941
Murphy, Evangeline, B.A. - - - - 1907
Murphy, Margaret Jane, B.A. - - - 1947
Murphy, Mary, B.A. - - - - - - - 1933
Murphy, Peter Raymond, B.Sc. (Eng.) 1943
Murphy (nee Glynn), Shylie Patricia, B.A. - - - - - - - - - - 1942
Murray, Gordon Seymour, M.B., B.S. 1944
†Murray, Noel William, B.E. - - - - 1950
Murray, Philomena Mary, B.A. - - 1934
†Murrell, Helen Calvert, B.Sc. - - - 1949
Musman, Roma Josephine, B.A. - - 1943
Mutton, Henry Edwin Howard, M.A. - 1922
Myers, Arthur Mervyn, M.B., B.S. - 1933
†Myhill, Reuben John, B.D.S. - - - 1948

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Nagel, Norman Edgar, B.A. - - - - 1945
†Nairn, John Wallace, B.E. - - - - 1949
†Nairn, Peter Ross, B.E. - - - - - 1949
Nairne, Alexander Livingstone, M.A. - 1905
Nairne, William Archibald Jock, M.B., B.S. - - - - - - - - - - 1927
Nancarrow, Cyril Gawler, LL.B. - - 1936
Nancarrow, Jean Isobel, B.A. - - - 1947
Nancarrow, Malcolm Ewart, M.B., B.S. 1946
Nankivell, John Thomas, B.A. (Cambridge, 1871) - - - - - - - - 1877
Nankivell, Joseph Frank, B.Sc. - - - 1945
Nankivell, Maxine Vera, B.A. - - - 1945
†Nankivell, William Field, B.Ag.Sc. - 1950
†Napier, Bruce, B.D.S. - - - - - 1949
Napier, Sir Thomas John Mellis, LL.B. 1902
†Naughtin, Patrick Chanel, B.A. - - 1949
Naylor, John Colenso, LL.B. - - - 1923
Naylor, Margaret Mary Jessie Darnley, B.A. - - - - - - - - - - 1920
Naylor, Rupert Leslie, M.B., B.S. - 1924
Neale, Nancy Gwennyth, M.Sc. - - - 1945
Neale, Shirley Margaret, B.Sc. - - 1946
†Neck, Maurice Allan, B.E. - - - - 1950
Nelligan, Joseph William, LL.B. - - 1921
Nelson, Archibald John Alexander, B.A. 1938
Nelson, Cynthia, B.A. - - - - - - 1945
†Nelson, James Angus, B.E. - - - - 1949
Nelson, William Barton, B.E. - - - 1924
Nettle, Richard William, B.E. - - - 1941
Neuling, Herman James, B.E. - - - 1937
Neuenkirchen, George Murray, B.E. - 1947
Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896) - - - - - - 1902
Newland, Malcolm Creswell, M.B., B.S. - - - - - - - - - - - 1938
Newland, Nancy Benning, LL.B. - - 1937
Newman, Bernard William, B.Sc. - - 1934
Newman, Edgar Harold, LL.B. - - - 1894
Newman, Kenneth Fisher, B.Ec. - - 1936
B.A. - - - - - - - - - - - 1940
Newman, Lewis Arthur, B.Sc. - - - 1925
Newman, Olive Gertrude, B.Sc. - - 1909
Newman, Ralph Frederic, LL.B. - - 1945
Newnham, William Arthur, M.B., B.S. 1946
†Nicholas, Herbert Ahearn, B.D.S. - - 1950
Nicholas, Rowland John, B.A. - - - 1943
Nicholls, Barbara Ruru, B.A. - - - 1941
†Nicholls, Colin Herbert, B.Sc. - - 1949
Nicholls, Donald Alfred, M.B., B.S. - 1945
†Nicholls, Edward Maxwell, M.B., B.S. 1949
Nicholls, Henry, B.E. - - - - - - 1938
Nicholls, Jack Montague, M.B., B.S. - 1946
Nicholls, James Herschel, M.B., B.S. 1942
Nicholls, Jonathan Kingsley, B.A. - - 1924
†Nicholls, Kelvyn Elmo, M.B., B.S. - - 1948
†Nicholls, Leslie Albert, B.Sc. - - - 1949
Nicholls, Leslie Herbert, B.A. - - - 1893
†Nicholls, Leslie Thorncliffe, B.E. - - 1948
Nichols, Reginald Clarence, B.Sc. - - 1945
†Nichols, Trevor Charles, B.Sc. - - - 1948
Nicholson, Hugh John Gay, B.E. - - 1916
Nicholson, Ian Lancaster, B.E. - - 1939
†Nichterlein, Frieda Pauline, B.A. - - 1948
Nichterlein, Otto Erhardt, M.A. - - 1935
M.D. (M.B., B.S., 1940) - - -- 1943
Nicolson, Murray Thomas, B.Sc. - - 1945
Nietz, Herbert Walter, M.A. - - - 1918
B.Sc. - - - - - - - - - - 1921
Nilsson, Reginald Hakan, B.Ec. - - 1944
Ninnes, Arthur Reginald, B.A. - - - 1943
†Nitschke, John Edwin, B.E. -- - - 1949
Noack, Charles Hugh, M.B., B.S. - - 1941
Noall (nee Piercy), Olive Edriss, B.A. 1935
Nobbs, Jack McKay, B.Sc. - - - - 1944
†Nobbs, William David, LL.B. - - 1949
Nobes, Edith Dorothy, B.Sc. - - - 1921
Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - 1948
Noble, George Grant, LL.B. - - - 1937
†Noblett, David John, B.E. - - - - 1950
Noblett, Hedley Lindsay, B.A. - - - 1926
Noltenius, Harry Edward, B.A. - - - 1902
Norgard, John Davey, B.E. - - - 1937
†Norman, Albert Edward, B.A. - - - 1948
†Norman, Arthur Edward, B.Sc. - - 1949
Norman, Harold Ashley, LL.B. - - - 1947
Norman, William Ashley, LL.B. - - 1911
Norman, William Gowan, M.B., B.S. - 1938
North, Rita Bridget Rice, LL.B. - - 1945
North, William Ian, M.B., B.S. - - 1939
Northey, James Douglas, B.A. - - - 1919
Northmore, Sir John Alfred, LL.B. - 1887
Nossal, Peter Mary Jospeh Julius, M.Sc. (Sydney, 1948) - - - - 1949
Nott, Harry Carew, M.B., B.S. - - - 1913
Nunn, Kevin Joseph, B.Sc. - - - - 1942

O

Oaten, Harold Richard Hugh Noel, M.B., B.S. - - - - - - - - - 1935
Oats, William Nicolle, B.A. - - - - 1932

† Not yet Members of the Senate.

†O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered) - - - 1949
O'Brien, Hartley Eric, B.A. - - - - 1939
O'Brien, John Alexander, M.B., B.S. - 1947
O'Brien, Maurice Aloysius, B.A. - - 1945
†O'Brien, Ross Pagden, B.E. - - - 1949
†O'Callaghan, Desmond Joseph, B.Sc. - 1949
O'Callaghan, Miah Patrick, LL.B. - - 1937
†Ockenden, Ralph David, B.D.S. - - 1948
†Ockendon, Garth Palmer, B.A. - - - 1950
O'Connell, William Bernard, M.A. - - 1933
†O'Connor, Deirdre Catherine, B.A. - 1950
O'Connor, Denise Christobel, B.A. - - 1947
†O'Connor, Diana Jean, M. B., B.S. - 1949
O'Connor, Playford D'Arcy, M.B., B.S. 1938
O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932) - - - - - - - 1939
O'Connor, Walter John, M.D. (M.B., B.S., 1934) - - - - - - - - - 1938
O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - 1947
†O'Dea, Kathleen Mary, M.B., B.S. - 1948
Odlum, Leonard Ralph, B.Sc. - - - 1937
Odlum, Reginald Lance, LL.B. - - 1937
Odlum, Vernon James, M.B., B.S. - - 1939
O'Donoghue, Kenneth Kilian, B.A. - 1947
O'Donoghue, Stephen Kevin, B.A. - - 1912
†O'Hara, Brian Isidro, M.B., B.S. - - 1950
Ohlstrom, Leonore Annie, B.A. - - 1929
Oldfield, Frederick Bernam, B.Sc. - - 1923
Oldfield, Neil, M.B., B.S. - - - - 1940
Oldham, Brenda Helen, B.A. - - - 1941
Oldham, Marjory (nee Anderson), B.A. 1915
Oldham, Wilfred, M.A. - - - - - - 1920
†Oldham, Wilfrid Hugh, B.E. - - - 1948
Oliphant, Marcus Lawrence Elwin, B.Sc. - - - - - - - - - - 1923
Oliver, Archibald Robert, B.E. - - - 1941
Oliver, Robert Wallace (Interim B.Sc. (Eng.), 1943, surrendered), B.E. - 1945
O'Loughlin, Irene May, M.B., B.S. - 1938
†O'Loughlin, Kevin Thomas, LL.B. - 1949
Olsen, Paul Engberg, B.E. - - - - 1941
Olssen, Edwin Alexander, M.A. - - 1947
Olsson, Athol Julius, LL.B. - - - - 1920
O'Malley, Charles Ernest Denis, B.E. 1932
O'Malley, John Edwin, B.A. - - - 1945
†Omond, D'Arcy James, B.E. - - - 1949
†O'Neil, Cornelius Patrick, B.A. - - 1949
†O'Neill, Marguerite, B.A. - - - - 1949
†Opie, Brian Preston, B.E. - - - - 1949
†Opie, Roger Gilbert, B.A. - - - - 1949
Opie, Thomas Schulz, B.A. - - - - 1923
†Opit, Louis Jonah, M.B., B.S. - - 1949
O'Neill, Sydney, M.B., B.S. - - - - 1917
Osborn, Edith May, B.Sc. (M.Sc., Manchester, 1908) - - - - - - - 1912
†Osborn, Peter William, B.Sc. - - - 1949
Osborn, Rowen Frederic, B.A. - - - 1947
Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manchester, 1911) - 1912
Osborn, Thomas Raymond, B.Sc. - - 1942
Osman, Boris, B.E. - - - - - - - 1940
Osman, Neile, M.A. - - - - - - - 1945
†Osmond, Phyllis Dawn, B.A. - - - 1949
†O'Sullivan, James David, LL.B. - - 1949
Othams, Dorothy Elizabeth, B.A. - - 1925
Othams, Herbert Reginald, B.A. - - 1937
†Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - 1948
Owen, Gwenyth Winsome, B.A. - - 1941
Owens, Arthur John, B.Sc. - - - - 1926

P

Packer, Arthur Dudley, B.Sc. - - - 1939
M.B., B.S. - - - - - - - - - 1942
Packer, Mina, B.D.S. - - - - - - 1933
Padman, Clara Helen, B.A. - - - - 1904
Padman, Mabel Margaret, B.A. - - 1941
Padman, Marsden Waterhouse, B.E. - 1923
Padman, Maurice Skipsey, B.A. - - 1931
Padman, William Donald, LL.B. - - 1933
†Paech, Bernice Mary, B.A. - - - - 1950
Paech, John Adolph, B.A. - - - - 1942
Page, Albert Edward, B.A. - - - - 1914
Page, Eleanor Florence, B.A. - - - 1940
Page, Geoffrey Wilton, B.D.S. - - - 1940
Page, Gertrude Erica, B.Sc. - - - 1945
†Page, Maurice Roy, B.E. - - - - - 1950
†Page, Ronne Earle, B.A. - - - - - 1949
Pahl, Paul David, B.A. (N.Z., 1941) - 1945
Paine, Helen, B.A. - - - - - - - 1938
Paine, Herbert Kingsley, LL.B. - - 1904
Paine, Janet, B.A. - - - - - - - 1944
Painter, Rowland George, B.A. - - 1934
M.B., B.S. - - - - - - - - - 1947
Paley, Clifford Arnold, B.A. - - - - 1939
Palmer, Ernest William, LL.B. - - - 1939
Paltridge, Richard Noel, B.Sc. - - - 1947
Paltridge, Terence Brady, B.Sc. - - 1926
†Pannell, Peter John, B.E. (Interim B.Sc. (Eng.) 1947 surrendered) - - 1950
†Parham, Elizabeth Ann, B.A. - - - 1950
Park, Ruth Alison, B.A. - - - - - 1939
Parker, Cecil David, B.Sc. - - - - 1932
†Parker, George Lucas, B.E. - - - - 1948
Parker, Mina Evelyn, B.A. - - - - 1930
†Parker, Murray Harold, B.Sc. - - - 1950
Parkhouse, Devon, M.B., B.S. - - - 1907
Parkhouse, Thomas William, B.Sc. - 1940
Parkin, Dorothy Joan, B.A. - - - 1936
Parkin, Leslie Wedgwood, M.Sc. - - 1949
†Parkinson, Kevin John, B.Sc. - - - 1949
Parry, Doris, B.A. - - - - - - - - 1931
†Parsons, Albert Christian, B.E. - - 1950
†Parsons, Barbara, B.A. - - - - - - 1949
Parsons, Geoffrey Bonython Angas, M.A. (Cambridge, 1932) - - - - - 1935
Parsons, Harold Stephen, Mus.Bac. - 1912
Parsons, Philip Brendon Angas, LL.B. 1928
†Parsons, Ralph Whaddon, B.E. - - - 1948
Parsons, Rex Whaddon, M.E. - - - 1926
Parsons, Ronald Lewis, B.E. - - - 1942
†Parsons, William Ross, B.A. - - - 1948
Parton, Arthur Leigh, M.B., B.S. - - 1944
Partridge, Wilfrid Gordon McDonald, M.A. - - - - - - - - - - 1947
†Pascoe, Douglas Everett, B.Ec. - - 1948
Pash, Hannah June, M.B., B.S. - - - 1946
Pash, Hannah Rita, B.A. - - - - - 1930
Pash, Jeffrie Herbert, B.A. - - - - 1938
Pash, Spencer, B.Sc. - - - - - - - 1943
†Paterson, Alexandra Jean, B.Sc. - - 1949
Paterson, Alfred Harold, B.A. - - - 1937
†Paterson, John Levett, B.E. - - - 1950
Paterson, Keith McGregor, B.E. - - 1932
Paterson, Mervyn Silas (Interim B.Sc. (Eng.), 1943, surrendered), B.E. - 1945
Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered for B.E., 1915) - 1915
Paton, Alfred Maurice, B.Sc. - - - 1898
Paton, Dora Isabel, B.Sc. - - - - 1902
Patrick, Elsie Furneaux, Mus.Bac. - 1925
Patterson, Keith Raymond, LL.B. - - 1937
Patterson, William Friedrich, B.E. - 1934
Pattinson, Baden Powell, LL.B. - - 1921
Paul, Kevin Carroll, B.Sc. - - - - 1935
Paull, Alec Gordon, B.Sc. - - - - 1920
M.A. - - - - - - - - - - 1932
Paull, Torrance Arnold, M.B., B.S. - 1947
Pavia, Roy Rowling, B.A. - - - - 1913
Pavy (nee Proud), Emily Dorothea, B.A. - - - - - - - - - - 1906
Pavy, Harold Keith, M.B., B.S. - - 1919
Pavy, Ian Gordon, M.B., B.S. - - - 1943
†Pavy, Rosemary Dorothea, M.B., B.S. - 1948
Payne, George Basil, B.A. - - - - 1935
Payne, Louise Mary Gwythyr, B.A. - 1914
Paynter, Norman Catchlove, B.A. - - 1937
Pearce, Charles Clifton, B.A. - - - 1938
†Pearce, Ronald Sandison, B.Sc. - - 1948
Pearson, Halley James Crawford, B.A. 1944
Pearson, Leslie Norman, B.A. - - - 1941
Pech, Herman, B.A. - - - - - - - 1947
Pech, Rufus, B.A. - - - - - - - - 1947
Pedler, John Meavious, M.B., B.S. - 1935
Pedlow, Clarice, B.Sc. - - - - - - 1942
Peirce, Alan Wilfred, D.Sc. - - - 1947
Peirce, Reginald Frank, B.A. - - - 1938

† Not yet Members of the Senate.

Pellew, Henry Edwin, M.B., B.S. - - 1924
Pellew, Janie Christobel, B.D.S. - - 1932
Pellew, Lancelot Vivian, LL.B. - - - 1922
Pellew, Leonard James, M.B., B.S. - 1906
Pellew, Leonard James Ternouth, M.B., B.S. - - - - - - - - - - 1932
Pellew, Richard Alfred Amyas, M.B., B.S. - - - - - - - - - - - 1934
Pelton, Louis Alfred Hall, B.Sc. (Eng.) 1942
Pengelley, Hugh Price, B.E. - - - 1945
Pengilly, Clifford Kipling, B.E. - - - 1930
Pennington, Beryl, B.A. - - - - - - 1942
Penny, Harold John, M.B., B.S. - - 1913
Penny, Hubert Harry, M.A. - - - - 1932
Pennycuick, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919) - - - 1923
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928) - 1935
Pereira, John Evelyn De Haan, B.A. - 1945
Perkins, Horace James, Mus.Doc. - - 1943
†Perkins, Marie Pauline, B.A. - - - 1949
†Perry, Audrey Vivienne, LL.B. - - 1949
Perry, Dulcie May, B.A. - - - - - 1939
Perry, Rayden Alfred, B.Sc. - - - - 1947
†Peters, Brian Harry, M.B., B.S. - - 1948
Peters, Geoffrey Ernest, B.A. - - - 1925
M.B., B.S. - - - - - - - - - 1927
†Peters, George Francis, B.Sc. - - - 1948
Peterson, Jean Clarice, B.A. - - - - 1940
Petrie, Charlotte Marion, M.A. (St. Andrews, 1923) - - - - - - - 1939
Petrie, Enid Beatrice, Mus.Bac. - - 1935
Pettit, Rowland, M.Sc. - - - - - - 1950
†Pfeiffer, Gordon James, B.D.S. - - 1949
Pfeiffer, Norman, B.A. - - - - - - 1938
Pfitzner, Eric Norman, M.A. - - - 1933
Phillipps, Herbert Tarlton, B.Sc. - - 1905
Phillips, Albert Maurice, B.E. - - - 1941
Phillips, Alan Dunstan, M.B., B.S. - 1947
†Phillips, Basil Wright, B.D.S. - - - 1950
Phillips, Charles Leslie, B.D.S. - - - 1926
Phillips, Ernest, LL.B. - - - - - - 1908
Phillips, Gordon Gilbert, B.A. - - - 1940
†Phillips, James Henry, B.E. - - - 1948
Phillips, James Howard, B.Sc. - - - 1902
Phillips, Muriel Edith, B.A. - - - - 1935
Phillips, Murray Norman (Interim B.Sc. (Eng.), 1942, surrendered) B.E. - - 1945
Phillips, Murray Thomas, B.E. - - - 1947
Phillips, William James Ellery, M.B., B.S. - - - - - - - - - - 1915
Phillipson, Coleman, LL.D. (Manchester, 1908) - - - - - - - - 1920
Pickering, Arthur Lawrence, LL.B. - - 1925
Pickering, Ronald Franklin, B.Sc. - - 1946
Pietsch, Clemens Henry, M.B., B.S. - 1945
†Pike, Douglas Henry, B.A. - - - - - 1948
†Pile, Kenneth Charles, B.E. - - - - 1949
Pilgrim, Alan Flinders, B.Sc. - - - 1936
Pilgrim (nee Lipsham), Kate Caroline, B.A. - - - - - - - - - - - 1905
Piper, Clarence Sherwood, D.Sc. - - 1942
Piper, Cyril Thomas, M.B., B.S. - - 1924
Piper, Flora Elizabeth, B.A. - - - - 1924
Piper, Francis Ernest, LL.B. - - - 1921
Piper, Harold Bayard, LL.B. - - - - 1914
Piper, Herbert Walter, B.A. - - - - 1938
Pitcher, Cyril Frederick, M.B., B.S. - 1911
Pitcher, Maurice Knight, B.Sc. - - - 1925
†Pitcher, Russell Barton, M.B., B.S. - 1948
Pitcher, William Bonython, B.Sc. - - 1945
Pitman, Beresford Ernest, B.Sc. - - 1945
Pitt, Arthur William, M.A. - - - - 1915
Pitt, George Henry, B.A. - - - - - 1920
Pitt, Marjorie Una, B.Sc. - - - - - 1925
Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927) - - - - - - 1937
Playford, Malcolm Noel, LL.B. - - - 1937
†Pleuckhahn, Vernon Douglas, M.B., B.S. - - - -- - - - - - - 1949
Plimmer, Geith Alfred, B.A. - - - - 1930
Plummer, Alexander Philip, B.D.S. - 1941
Plummer, Reg Garnet, M.B., B.S. - - 1906
Plummer, Rex Grose, M.B., B.S. - - 1937
Plummer, Violet May, B.Sc. - - - - 1891
M.B. (Melbourne, 1897) - - - - 1897
Plummer, Violet Myrtle, M.B., B.S. - 1932
Plunkett, Norman Ambrose, B.E. - - 1926
†Plush, Donald Seward, B.Ag.Sc. - - 1948
Pobjoy, Alice Blake, B.A. - - - - 1918
Pocock, Robert Bakon, B.A. - - - - 1921
Pohlman, William Frederick Claude, B.Sc. - - - - - - - - - - 1926
Polglase, Norman, B.Sc. - - - - - - 1947
Polkinghorne, Kate Elinor, B.A. - - 1931
Polkinghorne, Keith, B.A. - - - - - 1936
Polkinghorne, Noel Francis, B.A. - - 1934
Pollnitz, Eunice Adah, B.A. - - - - 1938
Polson, Reginald Alexander, B.E. - - 1929
Pomroy, Alan Browning, B.E. - - - 1938
Pomroy, Richard Osborne, B.E. - - 1923
†Ponsford, Joan Helen, B.Sc. - - - - 1949
Poole, Dorothea Landon, M.A. - - - 1906
Poole, Frederic St. John, M.B., B.S. - 1909
Poole, Gilbert Graham, B.Sc., B.E. - 1921
Pope, Kenneth Geoffrey, M.Sc. - - - 1949
†Pope, Peter Myles Burton, B.E. - - 1949
Porter, Harold George, B.A. - - - 1941
Porter, Kingsley Clarence, M.B., B.S. - 1942
Porter, Ronald Frank, B.D.S. - - - 1940
Porter, Thelma May Edith, B.A. - - 1941
Portus, Garnet Vere, M.A. (Oxford, 1917) - - - - - - - - - - 1935
Postle, Douglas Gordon, M.B., B.S. - 1941
Postle, Herbert Thomas, LL.D. (Melbourne, 1920) - - - - - - - - 1922
Potter (nee Bates), Betty, B.Sc. - - 1939
B.A. - - - - - - - - - - - 1942
Potter, Brian John, M.Sc. - - - - 1950
Potter, Frank Jaques, LL.B. - - - 1947
†Potter, John Colin, B.Ag.Sc. - - - 1948
Potter, Roy Adolph, M.A. - - - - - 1923
Potter, Vernon Wheatley, M.B., B.S. - 1941
Potts, Ethelwyn, B.A. - - - - - - - 1909
Potts, Frank Roland, B.Sc. - - - - 1922
Potts, Gilbert Macdonald, M.A. - - 1915
Potts, Renfrey Burnard, B.Sc. - - - 1945
Potts, William Andrew, B.E. (B.Sc., 1912, surrendered for B.E., 1913) - 1913
Powell, Harold, M.B., B.S. - - - - 1913
Powell, Kathleen Naomi, B.A. - - - 1925
Powell, Miriam Athalie, B.A. - - - 1927
Power, John Leslie, LL.B. - - - - - 1922
Poynton, John Orde, M.D. (Cambridge, 1941) - - - - - - - - - - 1948
†Preece, Julia Anne, B.A. - - - - - 1949
Preedy, Winifred Edna, B.D.S. - - - 1927
Prescot, Rupert Warre, B.A. - - - - 1930
Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1908) - - - - - - - - 1924
D.Sc. - - - - - - - - - - 1932
Prescott, John Russell, B.Sc. - - - - 1944
Prest, Henry Gordon, M.B., B.S. - - 1925
Preston, Tom, B.E. - - - - - - - - 1924
Price, Archibald Grenfell, M.A. (Oxford, 1919) - - - - - - - - - 1920
D.Litt. - - - - - - - - - - 1932
Price, Arthur Jennings, LL.B. - - - 1890
Price, Charles Archibald, B.A. - - - 1944
Price, Charles William Russell, M.B., B.S. - - - - - - - - - - - 1932
†Price, Ione Dorothy, B.A. - - - - - 1948
Price, James Robert, M.Sc. - - - - - 1935
Price, Joan Isabel, B.A. - - - - - - 1938
†Price, Winifred Vera, B.A. - - - - 1949
Pridham, Lancelot Robert, B.Sc. - - 1947
Pridmore, Roy Vernon, B.Sc. - - - 1925
M.B., B.S. - - - - - - - - - 1929
Priest, Amy Grace, M.A. - - - - - - 1923
Prime, Andree Joyce, B.A. - - - - - 1945
Prince, Erica Lloyd, B.A. - - - - - 1913
Pritchard, John Joseph, B.Sc. - - - 1934
Pritchard, Vita, B.A. - - - - - - - 1941
Proctor, Ivy Millicent, B.A. - - - - 1935
Proctor, Rose Emily, B.A. - - - - - 1934
Proud, Millicent Farrer, M.A. - - - 1915
†Prouse, Kenneth George, B.A. - - - 1948

† Not yet Members of the Senate.

†Provis, Douglas Franklin, B.Sc. - - 1950
Pryor, Cecilia Marie, Mus.Bac. - - 1932
Pryor, Eric John, B.A. - - - - - 1931
Pryor, Lindsay Dixon, M.Sc. - - - 1939
Pryor, William Arthur, M.B., B.S. - - 1919
Puddy, Albert Forwood, LL.B. - - - 1935
Puddy, Maude Mary, Mus.Bac. - - - 1905
Pugsley, Albert Tonkin, M.Sc. (B.Ag.Sc., Melb., 1932) - - - - 1942
Purdam, Irving, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - - 1950
Purton, David Gabriel, M.A. - - - 1918
Pyne, Maurice Ignatius, M.A. - - - 1930
†Pynor, Donald Edward, B.D.S. - - - 1950

Q

†Quayle, Bronte Clucas, LL.B. - - - 1948
Quinn, Thomas Vincent, M.B., B.S. - 1923

R

Rabone, Harry Klements Percival, B.A. 1939
Radcliff, Joanna Clare, B.A. - - - 1935
Radcliffe, Sheila, B.A. - - - - - 1944
†Radoslovich, Edward William, B.Sc. - 1949
†Raftery, George Aldborough, B.Ec. - 1949
Raggatt, Thomas Sutherland, B.A. - 1945
Raine, Margaret Napier, B.A. - - - 1939
Rainnie, Graeme Fraser, B.Sc. - - - 1942
Rainsford, Kathleen Mary, B.Sc. - - 1943
Rait, William Lockhart, M.Sc. (B.Sc., Tasmania) - - - - - - - - - 1935
Ramsay, Alexander Maurice, B.Ec. - 1941
Rance, George Howe, B.Sc. - - - - 1935
Randell, Allan Elliott, M.B., Ch.B. (Melbourne, 1897) - - - - - - 1897
Randell, William Richard, M.B., B.S. - 1947
Rankin, Mervyn Alexander, M.Sc. - - 1931
Rankine, Bryce Crossley, B.Sc. - - - 1945
†Rattigan, John Herbert, B.Sc. - - - 1948
Raupach, Maxwell, B.Sc. - - - - - 1945
Ray, Angus Charles, LL.B. - - - - 1943
Ray, John, M.B., B.S. - - - - - 1936
Ray, Marjorie, B.A. - - - - - - 1945
Ray, William, M.B., B.S. - - - - 1906
B.Sc. (Oxford, 1909) - - - - - - 1914
Ray, William Robert, B.A. - - - - 1933
Ray, Walter Vernon, LL.B. - - - - 1907
Rayner, George Percival, B.A. - - - 1920
Rayner, William Henry, B.A. - - - 1907
†Rayson, Patricia, B.Sc. - - - - - 1950
†Read, John Herbert, B.A. - - - - 1949
Read, Norman George, M.Sc. - - - 1945
Read, Philip Andreas, B.A. - - - - 1930
Redden, Martin Philip, B.A. - - - 1933
Redman, James Johnston, LL.B. - - 1935
Redmond, John Bice, B.E. - - - - 1946
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
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 Argyl 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 Luehrs, 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
Renfrey, Lionel Edward William, B.A. 1938
†Renner, Johannes Theodore Erich, B.A. 1950
Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913) - - - - - - - - - - 1919
Retallick, Bruce James, B.A. - - - 1935
B.Sc. - - - - - - - - - - 1939
Reynolds, Beatrice Mary Heywood, B.A. - - - - - - - - - - 1924
†Reynolds, Howard, B.Sc. - - - - - 1950
Reynolds, John Heywood, B.A. - - - 1928
†Reynolds, Lilo, B.A. - - - - - - 1948
†Reynolds, Maxwell Stanley, B.A. - - 1948
Rhodes, Gwendoline Maude, LL.B. - 1939
Rice, John David, M.B., B.S. - - - 1930
†Rice, Lawrence John, M.B., B.S. - - 1948
Rice, Patrick William, M.B., B.S. - - 1915
Rice, Therese Marie, M.A. - - - - 1947
Rice, Vincent de Paul Lawrence, M.B., B.S. - - - - - - - - - - 1933
Riceman, David Stirling, M.Sc. (B.Ag.Sc., 1934) - - - - - - - 1947
Richards, Archibald Charles, M.A. - 1927
Richards, Cecil Albert, M.A. - - - 1929
B.Sc. - - - - - - - - - - 1931
Richards, Clarence, B.Sc. - - - - - 1915
M.B., B.S. - - - - - - - - - 1919
Richards, Dudley Lewis, LL.B. - - 1931
Richards, Eva Gertrude, B.A. - - - 1914
Richards, Frederick William, LL.D. (London, 1896) - - - - - - - 1897
Richards, Gordon Alfred, B.A. - - - 1937
†Richards, Kenneth Ross, B.Sc. - - - 1948
Richards, Norman Alfred, M.B., B.S. 1942
Richards, William Edward, B.A. - - 1932
Richardson, Middleton Bart, B.Sc. - 1941
Richardson, Patricia Sophia, M.B., B.S. 1937
†Riedel, Felix Daniel, B.A. - - - - 1950
Riedel, Melita Wanda, Mus.Bac. - - 1920
Riedel, William Rex, B.Sc. - - - 1947
Rieger, Clarence Oscar Ferrero, M.B., B.S. - - - - - - - - - 1919
Riggs, Noel Victor, B.Sc. - - - - 1942
Riley, Mabel, B.A. - - - - - - 1908
†Rimes, Garnet Dean, B.Sc. - - - - 1950
Rischbieth, Henry George, M.B., B.S. 1942
Rischbieth, John Ross, B.Sc. - - - 1937
Rischbieth, Oswald Henry Theodore, B.A. - - - - - - - - - - 1909
Rix, Areta, B.A. - - - - - - - - 1938
Roach, John Carlyle, B.E. - - - - 1921
Robbins, Thomas Fellows, B.E. - - 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, Nancy Douglas, B.Sc. - - 1945
Robertson, Ronald Peter, M.B., B.S. - 1945
Robertson, Sydney Clifford, B.Sc. - - 1922
M.E. - - - - - - - - - - 1935
†Robertson, Thorburn Stirling Brailsford, B.Sc. - - - - - - - - 1948
†Robertson, William Godfrey Pitcher, B.Sc. - - - - - - - - - - 1948
Robin, Charles Ernest, B.A. - - - 1886
†Robin, Elizabeth Anne, B.Sc. - - 1949
Robin, Rowland Cuthbert, M.E. - - 1932
Robinson, Arthur James, B.E. (Melbourne, 1929) - - - - - - - - 1937
†Robinson, Donald Neil, M.B., B.S. - 1948
Robinson, Edgar, LL.B. - - - - - 1912

† Not yet Members of the Senate.

Robinson, Edwin George, M.Sc. - - 1947
Robinson, Marie Patricia, B.A. - - - 1941
Robinson, Mary Kelly, B.Sc. - - - 1947
Robinson, Sir Roy Lister, B.Sc. - - 1903
Robjohns, Henry Collin, M.B., B.S. - 1932
Robjohns, Leonard, B.A. (Sydney, 1894) - - - - - - - - - - 1920
Rochlin, Aaron, LL.B. - - - - - - 1921
Rochlin, Elijah, LL.B. - - - - - - 1928
Rodda, Harold James, M.Sc. - - - 1945
†Roder, John Herbert, B.A. - - - - 1950
Rodger, Geoffrey James, B.Sc. - - - 1915
Rodgers, Frances Ada, B.A. - - - - 1928
Roehrs, Herma Erika, B.A. - - - - 1945
Rofe, Bryan, B.Sc. - - - - - - - 1939
Rogers, Charles Malcolm, B.E. - - - 1939
Rogers, Irene Blanche, M.A. - - - - 1932
Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923) - - - - - - - - 1925
Rogers, Theodore Stansfield, B.E. - - 1928
Rolland, James Alexander, M.B., B.S. 1917
Rolland, James Alexander Bryan, M.B., B.S. - - - - - - - - - - 1943
Rolland, William Maitland, B.A. - - 1936
Rollison, John William, M.B., B.S. - 1925
†Ronai, Tibor, M.B., B.S. - - - - - 1948
†Ronald, Ian Douglas, B.D.S. - - - 1950
Rook, Kevin Maxwell, B.Sc. - - - 1947
Rooney, Clifford, B.Sc. - - - - - 1929
Rooney, Gwenyth Minnie, B.A. - - - 1934
Rooney, Lois Josephine, B.A. - - - 1945
†Rooney, Marjorie Winnifred, B.A. - - 1949
Rosenberg, Mendel Wolf, M.B., B.S. - 1942
Rosenhain, Geoffrey, M.A. - - - - - 1950
Rosman, Frank Edgar, B.Sc. - - - 1908
Ross, Alexander David, D.Sc. (Glasgow) - - - - - - - - - - - 1926
Ross, Dudley Bruce, LL.B. - - - - 1914
†Ross, Sydney George Frederick, B.E. - 1949
Ross, William Alexander, LL.B. - - 1947
Rossiter, James Leonard, M.A. - - - 1912
Rounsevell, James Corryton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - - - - - - 1947
Rowe, Albert Percival, B.Sc. (London, 1922) - - - - - - - - - - 1948
Rowe, Allan Gordon, M.B., B.S. - - 1942
Rowe, Colin Davies, LL.B. - - - - 1934
Rowe, Ernest Thomas, B.Sc. - - - 1920
Rowe, Fletcher David, M.B., B.S. - - 1945
†Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered) - - - 1949
†Rowe, Stanley Edgar, B.Sc. - - - - 1950
†Rowe, William Vivian, M.B., B.S. - - 1948
Rowell, Keith Addison, B.E. - - - 1933
Rowland, John Howard, LL.B. - - - 1937
†Rowlands, Edward John, B.Sc. - - 1948
Rudall, Reginald John, LL.B. - - - 1906
Rudd, Eric Aroha, B.Sc. - - - - - 1930
Rudd, Kenneth Clive, B.A. - - - - 1947
Rule, Vernon Arthur, B.A. - - - - 1936
†Russell, Albert William, M.B., B.S. - 1949
Russell, Alfred Burgess, M.B., B.S. - 1919
†Russell, Ernest Alfred David, M.B., B.S. - - - - - - - - - - 1949
Russell, Ernest Albert Harold, M.B., B.S. - - - - - - - - - - 1911
†Russell, Frank Henderson, B.E. - - - 1950
Russell, Herbert Henry Ernest, M.B., Ch.B. (Melbourne, 1899) - - - 1899
M.D. - - - - - - - - - - 1905
Russell, Janet Barbara, M.B., B.S. - - 1947
†Russell, John Samuel, B.Ag.Sc. - - 1948
Russell, Robert Alfred, M.B., B.S. - - 1943
Russell, Ronald Edyvane, M.B., B.S. - 1946
Russell, Walter Alfred, M.B., B.S. - 1935
Ryan, Edward Clifford Lee, M.B., B.S. 1935
Ryan (nee Pank), Gladwys Ruth, B.A. 1933
†Ryan, John William, B.Ag.Sc. - - - 1950
Ryan, Michael Rupert, B.A. - - - - 1939
Ryan, Naomi Rosslyn, M.B., B.S. - - 1940
Ryan, Victor Lloyd Percival, LL.B. - 1938
Rymill, Frances Carstairs, B.A. - - - 1936

S

Sabine, Ernest Maurice, LL.B. - - - 1891
Saddler, Bruce Allder, B.E. - - - 1931
Salter, Douglas Munro, M.B., B.S. - 1926
Salter, William Fulton, M.B., B.S. - 1936
†Samelowitz, Neil, M.B., B.S. - - - 1950
Sampson, Dulcie Joyce, Mus.Bac. - - 1938
Samuel, Geoffrey, M.Sc. - - - - - 1926
Samuel, Helen Josephine, B.A. - - - 1939
Sandercock, Alfred Mervyn, B.A. - - 1936
Sandercock, Rex Glynde, B.Sc. (Eng.) 1943
Sanders, Grace Annie, B.A. - - - - 1920
Sanders, Harold William, B.A. - - - 1912
Sanders, Irma Mary, B.A. - - - - 1943
Sanders, John Veysey, B.Sc. - - - - 1944
Sanders, Mostyn Clifford, B.Sc. - - 1944
†Sanders, Robert William, B.E. - - - 1948
†Sanderson, John Gavin, B.Sc. - - - 1950
Sanderson, Kenneth Villiers, M.B., B.S. 1943
Sandery, Charles Arthur, LL.B. - - 1921
Sandford, Alastair Wallace, M.A. (Oxford, 1937) - - - - - - - - - 1948
Sandford, Robert Max, B.Sc. - - - 1943
Sandison, Alexander, M.B. (Edinburgh, 1906) - - - - - - - - - 1906
Sando, Allan Frederick (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - 1945
Sands, Desmond Montague Willington, B.D.S. - - - - - - - - - - 1934
Sangster, Alexander Keith, LL.B. - - 1934
Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931) - - - - - - 1941
Sangster, David Flower, B.Sc. - - - 1945
Sangster, John William, M.B., B.S. - 1939
Sansom, Joyce Mary, Mus.Bac. - - - 1947
Sargent, Rex James, M.B., B.S. - - 1929
Sarre, Malcolm Glen, M.B., B.S. - - 1945
Sarre, Vera Georgina, B.A. - - - - 1917
Saunders, Pepita Cerda, LL.B. - - - 1925
Savage, Arthur Charles, M.B., B.S. - 1928
Sawers, Donald Alexander, B.Sc. (Eng.) 1942
Sawers, Ronald John, M.B., B.S. - - 1942
Sawley, Darrell Frederick, B.Sc. - - 1929
Scales, William Arthur, LL.B. - - - 1930
Scarfe, Elwyn Bewell, LL.B. - - - 1940
Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - - - - - - 1948
Scarlett, Robert Dalley, Mus.Doc. - - 1934
Schache, Alma Olga Antonia, B.A. - - 1909
Schafer, Carl Hannaford, M.B., B.S. - 1919
Schafer, Max Ernest Hannaford, B.D.S. 1923
Schmidt, Lewis Walter, B.Sc. - - - 1940
Schneider, Michael, M.B., B.S. - - - 1925
Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932) - - - - - - 1946
Schneider, Walter Herman, M.E. - - 1945
Schneider, Wilfred, B.E. - - - - - 1922
Schneider, Wilfred Carl, M.A. - - - 1932
Scholar, Ernest, B.A. - - - - - - 1941
†Schroder, Judith, B.Sc. - - - - - 1950
Schubert, Frank Helmut, B.A. - - - 1934
†Schudmak, Henry, M.B., B.S. - - 1949
Schulz, Adolf John, B.A. - - - - 1905
M.A. (Ph.D., Zurich, 1908) - - - 1909
Schulz, Ernst Adolph, B.E. - - - - 1931
†Schultz, Gordon Ray, B.A. - - - - 1950
Schulze, Robert George, M.B., B.S. - 1947
†Schutz, Raymond Alfred, B.E. - - 1949
†Schwab, Gordon Ernest, B.Sc. - - - 1950
Schwarz, Eugene Robertson, B.Sc. - 1939
†Scobie, John Hedger, M.B., B.S. - - 1949
Scoble, Sidney John, B.A. - - - - 1936
Scollin, James, B.D.S. - - - - - 1932
Scott, Alfred Eric, M.Sc. - - - - 1928
†Scott, Jeffrey Frank, LL.B. - - - 1949
Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered for B.E., 1913) - 1913
Scragg, Roy Frederick Rhodes, M.B., B.S. - - - - - - - - - - 1946
†Scragg, Walter Robert Lambert, B.A. - 1950
Scriven, Murray Walter, B.A. - - - 1947
Seaman, Gilbert Frederick, B.Ec. - - 1935
Searle, Clifford Alfred James, B.A. - 1937

† Not yet Members of the Senate.

Searle, Frederick John, B.A. - - - 1902
Searle, Hartley Malcolm, B.A. - - - 1932
B.Sc. - - - - - - - - - 1935
Sears, Harold William, B.Sc. - - - 1943
†Seedsman, Donald John, B.Sc. - - 1948
Seekamp, Jack Victor, B.Ag.Sc. - - 1942
Segnit, Edgar Ralph, M.Sc. - - - - 1945
Segnit, Ralph Walter, B.Sc. (Oxford, 1922) - - - - - - - - - 1922
†Seidler, Jan Hynek, B.Sc. - - - - 1950
†Seith, Wolfram Immanuel, M.B., B.S. - 1949
Sellers, Ada, B.A. - - - - - - - 1928
†Selth, Donald Victor, B.A. - - - 1949
Semler, Clifford Gerhardt, M.B., B.S. 1940
Semmens, Francis John, B.Sc. - - - 1928
Semmler, Clement William, M.A. - - 1938
†Semple, Kenneth Hugh, B.A. - - - 1950
Senior, Lionel Rupert, B.Sc. - - - - 1929
B.A. - - - - - - - - - - 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
†Shannon, Richard John, B.E. - - - 1949
Sharley, Elma May, B.A. - - - - 1937
Sharman, Arthur Edward, B.E. - - - 1926
Sharman, Ethel Olive, B.A. - - - 1915
†Sharp, Bruce Burnell, B.Sc. (Eng.) - 1949
Sharpe, Edmund John, B.E. - - - 1932
Sharpe, William George, B.Sc. - - - 1936
Shaw, Alice Mary Stockdale, B.A. - 1929
Shaw, James Barry, B.Sc. - - - - 1904
Shaw, Joan Hambly, B.A. - - - - 1947
Shaw, John Robert Stockdale, M.A. - 1933
†Shaw, Peter John Randall, B.Sc. - - 1949
Shearer, Clifford, George Tregea, B.A. B.Ec. - - - - - - - - - 1931
Shearer, Harvey Albert, B.A. - - - 1937
Shedley, Alfred Charles, B.Sc. - - - 1936
Shellshear, Joseph Lexden, M.S. (Sydney, Ch.M., 1907) - - - - - 1919
†Shephard, Stanley Maxwell, B.Sc. - - 1926
Shepherd, David Wickham, M.B., B.S. 1948
Shepherd, Elizabeth Miriam, B.A. - - 1938
Shepherd, Geoffrey Lincoln, LL.B. - - 1947
Shepherd, John Alfred, B.A. - - - 1930
Shepherd, John Henry, B.A. - - - 1929
M.Sc. - - - - - - - - - 1935
Shepley, Arthur Raymond, B.Sc. - - 1947
B.E. - - - - - - - - - 1923
Shepley, Leslie Herbert Hamilton, LL.B. - - - - - - - - - 1924
Sheppard, Mark Yeatman, M.B., B.S. 1909
Sheppard, Robert Alexander William, B.Sc. - - - - - - - - - 1942
†Shield, Judith Adelaide, B.A. - - - 1942
Shierlaw, Howard Alison, LL.B. - - 1948
†Shierlaw, Norman Craig, B.E. - - 1902
†Shinkfield, Marian Ruth, B.A. - - - 1949
Shipway, Graham Stuart, M.B., B.S. - 1949
Shirpurkar, Gajanan Ramchadra, M.Sc. 1916
Shoebridge, Ivan, LL.B. - - - - - 1949
Short, David Weddell, M.B., B.S. - - 1929
Short, Kerwin Alfred Robert, B.E. - 1940
Short (nee Stephens), Lillian Mary Theakstone, M.A. - - - - - - 1927
Shortridge, Dennis Thorman, M.B., B.S. 1938
Shrowder, Ronald Louis, B.A. - - - 1938
Shuter, Richard Ernest, M.B. (Melbourne, 1891) - - - - - - - 1940
Sibly, Pamela Maslin, M.Sc. - - - 1895
Sibthorpe, Gwenyth, M.B., B.S. - - 1950
Sieber, Clarence Bertram, B.E. - - - 1946
Siegele, John Louis, B.Sc. - - - - 1926
†Sigmont, Victor Charles, B.A. - - - 1945
Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - - - 1950
1947

Simmonds, David Hubert, M.Sc. - - 1948
†Simmonds, Rachel Elizabeth, B.A. - - 1948
†Simmons, Donald William, B.Ec. - 1949
Simmons, Geoffrey Clive, B.Sc. - - - 1945
Simons, Alfred, M.B., B.S. - - - - 1942
Simpson, Alfred Moxon, B.Sc. - - - 1930
†Simpson, Donald Allen, M.B., B.S. - 1949
Simpson, Frederick William, M.B., B.S. 1934
Simpson, Hugh Denney, B.Sc. - - - 1920
B.A. - - - - - - - - - 1921
†Simpson, Penelope Margaret, B.Sc. - 1949
Simpson, Robert Allen, B.E. - - - 1934
Sims, Eric Baldwin, M.D. (M.B., B.S., 1940) - - - - - - - - - 1948
†Sims, Milton Reginald, B.D.S. - - - 1950
Sims, Roxy, B.A. - - - - - - - 1933
Sinclair, Walter Gordon Clyde, B.Sc. - 1923
Sinclair, William Malcolm, M.B., B.S. - 1911
Skewes, Edward Foster, LL.B. - - - 1917
†Skinner, Brian John, B.Sc. - - - - 1950
†Skinner, Cecil Reginald Allenby, B.E. 1949
Skipper, John Stark, M.B., B.S. - - 1944
Skipper, Stanley Herbert, LL.B. - - 1901
Skuce, Beryl Marion Rebecca, B.A. - 1934
Slade, John Harman, M.B., B.S. - - 1946
Slade, Kathleen Nellie, B.A. - - - - 1942
Slattery, Mary, B.A. - - - - - - 1931
Slee, Dugald Haughton, B.Sc. - - - 1930
B.A. - - - - - - - - - 1932
†Slee, Ian Bruce, B.A. - - - - - - 1950
Sleeman, James Garnet, M.D. (M.B., B.S., Melbourne, 1915) - - - - 1927
Sleeman, William John, M.B., B.S. - 1947
Sloman, Arthur Raymond, B.Sc. - - 1937
†Smale, Thomas Charles, B.A. - - - 1950
†Smart, Lawrence Maxwell, B.D.S. - - 1950
Smeaton, Bronte, M.B., B.S. - - - 1898
Smeaton, Bronte Creagh, M.B., B.S. - 1928
Smeaton, John Anthony, B.E. - - - 1939
Smerdon, John Rutherford, B.D.S. - 1946
Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904) - - - - - 1934
†Smith, Adrian Milton, B.Ec. - - - 1949
Smith, Alfred Earle, LL.B. - - - - 1937
†Smith, Alick Hardy, B.A. - - - - 1948
Smith, Aloysius Daly Virgilius, M.B., B.S. - - - - - - - - - 1928
Smith, Annie Ethel, B.A. - - - - 1935
Smith, Brian Arnold, B.E. - - - - 1940
†Smith, Brian Hartley, B.E. - - - - 1950
Smith, Cecil Teesdale, M.A. - - - 1945
Smith, Cedric Alfred Neal, B.Ag.Sc. - 1933
Smith, Daisy Maude, B.A. - - - - 1922
Smith, David Carswell, B.A. - - - 1931
Smith (nee Gardner), Edith Josephine Viner, B.A. - - - - - - - - 1906
Smith, Edward Mackie, B.E. - - - 1939
Smith, Edward Rowland, B.Sc. - - - 1942
Smith, Frank Berry, D.Sc. - - - - 1937
Smith, Gavin Viner, M.B., B.S. - - 1937
Smith, Gordon Wearing, M.B., B.S. - 1925
Smith, Harold Reid, LL.B. - - - - 1939
Smith, Iris Eileen, B.A. - - - - - 1930
Smith, Jack Edwin, B.Sc. - - - - 1934
Smith, James Clyde, B.E. - - - - 1938
Smith, James Wearing, B.E. - - - 1924
†Smith, Joan Frances, B.A. - - - - 1948
Smith, John Bertrand, B.Sc. - - - 1943
Smith, John Edgar, B.Sc. (Victoria, 1901) - - - - - - - - - 1919
Smith, John Fife, B.A. - - - - - 1929
Smith, John Jeffreys, LL.B. - - - - 1932
Smith, Keith Kenneth Masefield, B.A. - 1942
Smith, Keith Viner, M.B., B.S. - - 1939
Smith, Kenneth William Algernon, B.Sc. - - - - - - - - - 1923
Smith, Kenneth Wilmot Vernon, B.E. 1937
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered for B.E., 1914) - 1914
Smith, Mary, M.A. - - - - - - - 1932
Smith, Mary Theresa, B.A. - - - - 1935
Smith, Maxwell Herbert, B.Sc. - - 1940
Smith, Melva Estelle, B.A. - - - - 1942

† Not yet Members of the Senate.

Smith, Mervyn Keith, M.B., B.S. - - 1944
Smith, Primrose Mary Viner, B.A. - - 1940
Smith, Raydon Berry, B.E. - - - - 1917
Smith, Raymond Thomas, B.Sc. - - - 1932
†Smith, Richard Miln, B.Sc. - - - - 1948
Smith, Robert James Brazil, B.D.S. - 1921
Smith, Ronald Norman, B.E. - - - 1933
Smith, Sheila Isabel Wesley, B.A. - - 1944
Smith, Sidney William, B.E. - - - 1937
†Smith, Stuart Meldrum, B.A. - - - 1949
Smith, Vera Lisnagore, B.A. - - - 1934
Smith, Walter Leonard, M.B., B.S. - 1914
Smith, William Irving Berry, B.Sc. - 1940
Smyth, Isabel Agnes Ekin, B.A. - - 1905
Snewin, Gwendoline Marjorie Jean, B.A. - - - - - - - - - - 1925
Snow, Richard Adrian Wilfrid, B.D.S. 1940
Snow, Wilfred Rippon, B.E. - - - - 1914
Sobey, Iris Beatrice, B.A. - - - - 1944
Sobey, Reginald Roberts, M.B., B.S. - 1942
Sollas, William Johnston, D.Sc. (Cambridge) - - - - - - - - - - 1914
Solly, William Warburton, B.Sc. - - 1948
Solomon, George Herbert, M.B., B.S. 1927
Solomon, Helen Ethel, LL.B. - - - 1935
Solomon, Isaac Herbert, B.A. - - - 1895
LL.B. - - - - - - - - - - 1898
Solomon, Judah Moss, B.A. - - - - 1888
LL.B. - - - - - - - - - - 1891
Solomon, Susan Selina, B.Sc. - - - 1890
Solomons, Barnet, M.B., B.S. - - - 1922
Somerset, Forbes Mitchell, B.E. - - 1941
Somerville, Archibald Shierlaw Ralph, LL.B. - - - - - - - - - - 1922
Somerville, Dorothy Christine, B.A. - 1918
LL.B. - - - - - - - - - - 1921
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered for B.E., 1919) - 1919
Somerville, Sesca Lewin, B.A. - - - 1916
Sorrell, Margaret Walter, B.A. - - 1925
†Souter, Douglas Todd, M.B., B.S. - 1949
Souter, John Francis, M.B. (Aberdeen, 1889) - - - - - - - - - - 1897
Souter, Robert John de Neufville, M.B., B.S. - - - - - - - - - 1923
Southcott, Jean Wauchope, B.A. - - 1921
Southcott, Ronald Vernon, M.B., B.S. 1941
Southwood, Albert Ray, M.D. (M.B., B.S., 1916) - - - - - - - - - 1920
M.S. - - - - - - - - - - - 1925
Southwood, Harry Milton, B.Sc. - - 1936
M.D. (M.B., B.S., 1932) - - - - 1943
Spargo, Stanley Carr, B.A. - - - - 1931
Spark, Mavis Constance, B.A. - - - 1947
Sparrow, Lorna Discombe, M.A. - - 1934
B.Ec. - - - - - - - - - - 1941
Sparrow, Maxwell Elliott, B.E. - - - 1934
Specht, Raymond Louis, M.Sc. - - - 1950
†Speirs, William McMillan, B.A. - - - 1949
Spooner, Edgar Clynton Ross, D.Sc. (Tas., 1946) - - - - - - - - 1949
Sprigg, Patricia Amy, B.A. - - - - 1943
Sprigg, Reginald Claude, M.Sc. - - 1944
Spruhan, Bridget Catherine, B.A. - - 1933
†Spry, Alan Herbert, B.Sc. - - - - 1949
Spurling, Milton Bernard, B.Ag.Sc. - 1945
†Spurr, Robert Thomas, B.Sc. - - - 1948
Stace, Hubert Charles Thomas, B.Sc. - 1941
Stace, John Hamilton, M.B., B.S. - - 1943
Stain, Maxwell Wright, B.D.S. - - - 1944
Stalley, Douglas John, B.Ec. - - - 1947
†Stanley, Allen David, B.E. - - - - 1949
†Stanton, Robert Anthony, B.D.S. - - 1950
†Stam, Robert Edward, M.B., B.S. - 1949
Stanley, Laurence John, LL.B. - - - 1925
Stanley, Neville Fenton, B.Sc. - - - 1942
Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - - - - - - - - - 1949
Statton, Arthur Knight, B.Sc. - - - 1922
Statton, Josiah William, B.Sc. - - - 1921
Statton, Keith Jeffery, M.B., B.S. - - 1944
Staude, Clarence Herman, B.A. - - 1947
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
Steele, Robert Thornborough, M.B., B.S. - - - - - - - - - - 1942
Steele (nee Morris), Shirley Victoria, LL.B. - - - - - - - - - - 1933
Stephens, Charles Francis, B.Sc. - - 1897
Stephens, Charles George, D.Sc. - - 1950
Stephens, Ella Mary, B.A. - - - - 1915
Stephens, Eric Goyne, B.Sc. - - - 1912
Stephenson, James Lewis, B.Ec. - - 1944
Stephenson, Leonard Allenby, B.Sc. (Eng.) - - - - - - - - - - 1943
Stephenson, Thomas Howard, B.E. - 1933
Steven, Walter Edward, M.B., B.S. - 1920
Stevens, Aubrey Clement, M.A. - - 1923
Stevens, Edgar Loveday, LL.B. - - 1919
†Stevens, John Alfred Fortington, B.D.S. 1948
Stevens, Robert Peter (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - 1945
Stevenson, Arthur James, B.E. - - - 1937
†Stevenson, Donald George, B.Sc. - - 1949
Stevenson, Frances Aimee, B.A. (Tasmania, 1923) - - - - - - - - 1926
Stewart, Colin Gore, B.A. - - - - 1914
Stewart, Edgar Douglas James, B.E. - 1947
Stewart, John Innes Mackintosh, M.A. (Oxford, 1935) - - - - - - - - 1935
Stewart, John McKellar, M.A. (D.Phil., Edinburgh, 1911) - - - - - - 1923
Stewart, John Samuel, M.B., B.S. - - 1939
Stewart, John Stewart McKellar, M.B., B.S. - - - - - - - - - - 1942
Stewart, Margaret McKellar, B.A. - - 1937
Stewart, Vernon Allan Fergusson, M.B., B.S. - - - - - - - - - 1939
Stidston, Matthew Alfred Clement, B.Sc. - - - - - - - - - - 1936
Stoate, Theodore Norman, M.Sc. - - 1934
Stobie, James Cyril, M.E. - - - - 1932
Stockbridge, Edgar Lambert, B.E. - - 1924
Stoddart, Harold William Downing, M.B., B.S. - - - - - - - - - 1911
Stokes, Anne, B.Sc. - - - - - - - 1943
Stokes, John, M.A. - - - - - - - 1948
Stokes, John Lewis, M.B., B.S. - - 1941
Stokes, Judith, B.A. - - - - - - - 1947
Stokes, Laura Joan Hartley, B.Sc. - - 1940
Stolz, Kate Sophie, B.A. - - - - - 1909
†Stolz, Geoffrey Ernest, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - 1949
Storch, Wilhelm Murray, B.A. - - - 1938
Storer, Laurel Jean, B.A. - - - - 1937
†Story, Gordon Malcolm, B.E. - - - 1950
Strachan, James Charles Power, M.B., B.S. - - - - - - - - - - 1914
Strahan, Anthony William, B.A. - - 1934
Strange, Audrey Mavis, B.A. - - - 1944
Strange, Malcolm Leslie, B.A. - - - 1939
Stratmann, Paul Franz, M.B., B.S. - 1933
Strehlow, Theodor Georg Heinrich, M.A. - - - - - - - - - - - 1938
Streich, Carl Ivo, M.B., B.S. - - - 1919
Stribley, Edwin John, M.A. - - - - 1925
Stribling, Ada Florence, B.A. - - - 1925
Stuart, Noel Harry, B.Sc., B.E. - - 1928
Stuckey, Edward Joseph, B.Sc. - - 1895
M.B., B.S. - - - - - - - - - 1903
Stuckey, Francis Seavington, B.Sc. - 1896
Stuckey, Rupert Bramwell, LL.B. - - 1898
†Sturmey, Stanley George, B.Ec. - - 1950
Sudholz, Herbert Frederick, B.D.S. - 1930
Sugg, Bentham Horace, B.A. - - - 1934
Sullivan, Margaret Rendle, B.A. - - 1943
Sullivan, Phillip Grose, B.Sc. - - - 1942
Summers, Frank Henry, B.Sc. - - - 1923
Sumner, Donald James Robert, M.B., B.S. - - - - - - - - - - 1922
Susman, Shirley Jean, B.Sc. - - - - 1947

† Not yet Members of the Senate.

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
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, 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, Claire Phyllis, B.Sc. - - - 1945
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

T

Tamblyn, Eric Joseph, M.B., B.S. - - 1936
Tanner, Garnet Albert, B.E. - - - - 1932
Tanner, George Pelham, B.A. (Oxford, 1908) - - - - - - - - - - 1912
Tapp, Adrian Lynda, B.A. - - - - - 1928
†Tapp, William Pelton, 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, Herbert Richard, B.A. - - - 1932
†Taylor, Kevin Lyle, B.Sc. - - - - - 1950
Taylor, Lindsay Bairstow, B.Sc. (Eng.) 1942
Taylor, Robert Herbert George, B.D.S. 1929
Taylor, Trevor Roy, LL.B. - - - - - 1932
Telfer, Douglas Ivan, B.A. - - - - - 1945
Templer, Jeffrey Norman, B.E. - - - 1941
Ternan, Verna Joyce, B.A. - - - - - 1933
Terrill, Frederick Edward, M.B., B.S. 1922
Terrill, Samuel Ernest, B.Sc. - - - 1927
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 Bernhard, 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 Angas, 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, 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.Sc. - - 1948
Thompson, Thomas Alexander, B.Sc. - 1896
Thomson, Arthur Melville, B.Sc. - - 1936
†Thomson, Bruce James, B.Sc. - - - 1950
†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, 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
Timcke, Edward Waldemar, B.A. - - - 1920
†Tindale, Beryl Rae, B.A. - - - - - 1948
Tindale, Norman Barnett, B.Sc. - - 1932
Tiver, Newton Stanley, M.Sc. - - - 1947
Tiver, Ronald Wayland, B.D.S. - - 1943
†Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered - 1949
Tomlinson, Betty Mary, B.A. - - - - 1939
Tomlinson, William Frederick, M.B., B.S. - - - - - - - - - - - 1939
Tonkin, Mary Elizabeth, B.A. - - - - 1944
Tonkin, Raymond George, M.B., B.S. 1937
Tonkin, William Richards, M.B., B.S. 1921

† Not yet Members of the Senate.

†Tooze, Mervyn John, B.Sc. - - - - 1947
†Topliss, John George, M.B., B.S. - - 1950
Topperwien, Irwin, M.A. - - - - 1924
B.Sc. - - - - - - - - - 1925
Torr, Shirley Constance, B.A. - - - 1944
Tostevin, Alfred Ladyman, M.B., B.S. 1923
Townsend, Herbert Louis, B.A. - - - 1941
†Traeger, Keith Terence, B.A. - - 1949
Tratman, Frank, M.D. (London, 1892) 1899
Travers, John Leo, LL.B. - - - - 1920
Treasure, Eunice Jessie, B.A. - - - 1944
†Tregenza, Alan Arthur, B.A. - - - 1949
Tregenza, Sydney Lloyd, B.A. - - - 1923
†Tregonning, Donald John Kennedy, M.B., B.S. - - - - - - - - - 1949
†Tregonning, Kennedy Gordon Philip, B.A. - - - - - - - - - - 1950
Treleaven, Walter, B.Sc. - - - - 1893
Treloar, Albert Edward Coran, LL.B. 1927
Tremain, Allen Maurice, B.Sc. - - - 1943
Trembath, Frank Everard, M.B., B.S. 1944
†Trenerry, Roger, B.E. - - - - - 1948
Trenorden, Glenwynne Eva, B.A. - - 1934
Trenorden, James Henry, B.A. - - - 1945
Trestrail, Hugh Alexander, B.E. - - 1937
Trethewie, Everton Rowe, M.D. (Melb., 1939) - - - - - - - - - 1944
Triggs, Kathleen Dorothy, B.A. - - 1945
†Trimmer, Ray Brian, B.E. - - - - 1949
Trist, Alan Roberts, B.Sc. - - - - 1926
Trott, Arthur Keith, B.D.S. - - - - 1939
Trott, Dudley William, B.D.S. - - - 1939
†Trott, John Richard, B.D.S. - - - - 1950
†Trott, Lyndon Rodney Eyre, B.E. - - 1950
Trotter, Frederick Lionel, B.D.S. - - 1941
Trudinger, Anna, B.A. - - - - - 1892
Trudinger, Clara, B.Sc. - - - - - 1908
Trudinger, Malcolm August, M.B., B.S. 1927
Trudinger, Martin, B.A. - - - - - 1912
†Trudinger, Philip Alan, B.Sc. - - - 1948
Trudinger, Ronald, B.Sc. - - - - 1905
M.B., B.S. - - - - - - - - - 1909
Trudinger, Ronald Martin, B.A. - - 1943
Trudinger, Walter, B.A. - - - - - 1892
Trumble, Hugh Christian, D.Sc. (M.Ag.Sc., Melbourne, 1927) - - 1937
†Trumble, Hugh Peter Christian, B.Ag.Sc. - - - - - - - - - 1949
Tuck, Bernard Edward Charles, B.A. - 1922
Tuck, Bernard Geoffrey, LL.B. - - - 1933
Tuck, Gilbert Playford, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - 1947
Tuck, Harry Playford, B.Sc. - - - 1915
M.E. - - - - - - - - - - 1943
Tuck, Raymond Allen, B.Sc. - - - 1939
Tucker, Bruce Mollet, B.Sc. - - - 1941
Tucker, Harold Norman, LL.D. (D.C.L., Oxford, 1946) - - - - 1947
Tucker, Howard Erskine, LL.B. - - 1920
Tuckwell, Eric Clavering, B.A. - - 1940
Tuckwell, Ernest Sinclair, B.A. - - 1902
Tuckwell, Kenelm Sinclair, B.A. - - 1930
Turnbull, Gordon McLeod, M.B., B.S. 1937
Turner, Betty Gretton, B.Sc. - - - 1937
Turner, Charles Trevor, M.B., B.S. - 1914
Turner, Donald Lionel, B.Sc. - - - 1947
Turner, Edward Robert, B.E. - - - 1932
Turner, Emily Marian, B.Sc. - - - 1930
Turner, Frederic Boyd, M.B., B.S. - 1933
Turner, Helena Gladys, B.Sc. - - - 1940
Turner, Nancy Gretton, B.A. - - - 1937
Twartz, Arnold Frederick, B.Sc. - - 1936
Twelftree, Clifford Croft, B.A. - - - 1938
Tyas, Margaret Elizabeth, B.Sc. (London, 1905) - - - - - - - - - 1905
Tyler, Donald Henry, B.E. - - - - 1947
Tymons, Clement James, B.D.S. - - 1945
†Tyson, Angus Gordon, B.Sc. - - - 1949

U

Upton, Alethea Mary, Mus.Bac. - - 1941
Upton, William Carrick Tunk, M.B., B.S. (M.B., Ch.M., Sydney, 1919) - 1935
Urban, Friedrich, M.B., B.S. - - - 1942
Urban, Regina, B.D.S. - - - - - - 1942
Ure, Constance Douglas, B.Sc. - - - 1930
Ure, Gwendolen Helen, LL.B. - - - 1923
†Urwin, Jack Robson, B.Sc. - - - - 1950
†Usher, Emilie Pauline, B.A. - - - 1950

V

Van Senden, Raymond Redvers, B.E. 1924
Vance, Christina Elizabeth, B.Sc. - - 1935
Vanstone, Bartley James, B.D.S. - - 1946
Vaudrey, Mary, B.A. - - - - - - 1933
Vaughan, John Howard, LL.B. - - - 1900
Vawser, John Alfred, B.E. - - - - 1926
†Vawser, Nevin Stuart, B.E. - - - 1948
Vawser, Noel Keith, B.Ec. - - - - 1944
†Vawser, Paul Frederick, B.D.S. - - 1950
†Veitch, Lindsay Garfield, B.Sc. - - 1949
Venner, Barton Frederick, M.B., B.S. 1946
Verco, Claude Maythorn, B.A. - - - 1915
Verco, Clement Armour, M.B., Ch.M. (Sydney, 1901) - - - - - - - 1902
Verco, Geoffrey Webb, M.B., B.S. - 1937
Verco, Joseph Stanley, M.B., B.S. - - 1913
Verco, Luke Everard, M.B., B.S. - - 1940
Verco, Peter Willis, M.D. (M.B., B.S., 1942) - - - - - - - - - 1949
Verco, Ronald Lister, M.B., B.S. - - 1928
Verrall, Raymond Wilfred, B.A. - - 1937
Verrall, Roswell Victor, B.E. - - - 1947
Vickery, Frederick Arthur, M.A. - - 1931
†Vincent, David James, B.D.S. - - 1949
†Vincent, Francis William, B.E. - - - 1950
†Vivian, Arthur Brian, M.B., B.S. - - 1950
Vogt, Ronald Walter, B.Sc. (Eng.) - - 1947
Von der Borch, Rudolph Hermann, M.B., B.S. - - - - - - - - 1926
Von Luschan, Felix, D.Sc. (Ph.D., Munich, 1889) - - - - - - - 1914
Vowels, Rex Eugene, M.E. - - - - 1939

W

Wache, Ethel Mabel, B.A. - - - - 1939
†Waddy, John Lane, M.B., B.S. - - - 1948
Wagner, Barbara Joan, B.D.S. - - - 1942
Wagner, Franz William, B.Sc. - - - 1928
Wainwright, Charles Leonard, B.Sc. - 1900
Wait, Marthe Lucy, M.A. - - - - 1922
Wait, Yvonne Lois, M.A. - - - - 1932
Waite, Jack Francis Enos, B.A. - - 1936
Wakeford, Sidney Claud, B.A. - - - 1937
†Waldeck, Reginald David Chapple, B.A. - - - - - - - - - - 1950
Wale, William Henry, Mus.Bac. (Oxford, 1874) - - - - - - - - - 1896
Walker, Alexander John Kerry, B.Ag.Sc. 1939
Walker, Christina Annie, LL.B. - - 1935
Walker, Daniel, B.Sc. - - - - - 1887
Walker, Ellen Lawson, B.Sc. - - - 1899
Walker, Frances Sophia, Mus.Bac. - 1908
Walker, Gilbert John, B.A. - - - - 1940
Walker, Jane Elizabeth, B.A. (Wales) 1908
Walker, John Schomburgk, B.Sc. - - 1926
Walker, Mildred, B.A. - - - - - - 1928
Walkington, Harvey Mawbey, B.E. - 1937
Walkley, Allan, B.Sc. - - - - - 1927
Walkley, Gavin, B.E. - - - - - - 1934
M.A. (Cambridge, 1942) - - - - 1949
Walkley, Joan Eileen, M.Sc. (B.Sc., London) - - - - - - - - - 1949
Wall, Barbara Deane, M.A. - - - 1950
Wall, Frederick Lawrence, M.B., B.S. 1914
Wall, Gordon Elliott, B.Sc. - - - 1947
Wallace, Donald, B.A. - - - - - 1939
Wallace, Frank Kenneth, M.B., B.S. - 1934
Wallace, Robert Strachan, M.A. (Oxford) - - - - - - - - - - 1926
Wallman, Ian Stuart, M.B., B.S. - - 1947
Wallman, Leigh Stuart, M.B., B.S. - - 1940
Wallman, Neil Stuart, M.B., B.S. - - 1944
Wallman, Nugent Horton, LL.B. - - 1937
Wallmann, Douglas Robson, M.B., B.S. 1918
Wallmann, Reginald Horton, LL.B. - 1907
Walmsley, Robert Leitch Eric, M.B., B.S. - - - - - - - - - - 1920

† Not yet Members of the Senate.

†Walsh, Brian Richard, M.B., B.S. - - 1950
Walsh, Dorothy Counley, B.A. - - - 1921
Walsh, Esmond Thomas, M.B., B.S. - 1926
Walsh, Frances Mary, B.A. - - - 1931
Walsh, Kevin Gerald, LL.B. - - - 1932
Walsh, Reginald Clarence, B.E. - - 1925
Walter, Harold Noal, B.E. - - - - 1936
Walter, Hilda Blanche May, M.A. - - 1915
Walter, William Ardagh Gardner, B.A. (Oxford, 1908) - - - - - - - 1909
Walters, George Henry, LL.B. - - 1936
Walton, Bruce Adrian, B.Sc. - - - 1945
Walton, Gertrude Mary, B.A. - - - 1904
Walz, Joseph Michael, B.A. - - - 1945
†Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - - - - - 1947
Wannan, Ellen Sarah, B.Sc. - - - 1930
Ward, Cyril Michael, M.A. - - - 1912
Ward (nee Claridge), Evelyn Dorothy, B.Sc. - - - - - - - - - 1935
†Ward, Gerald Michael, LL.B. - - 1949
Ward, Harry Lancelot, B.A. - - - - 1920
Ward, Jean Russel, B.A. - - - - - 1939
Ward, John Frederick, M.A. - - - 1908
†Ward, Kevin James, LL.B. - - - - 1949
Ward, Kevin Leonard, LL.B. - - - 1921
Ward, Leonard Keith, B.E. (Sydney, 1903) - - - - - - - - - - 1913
D.Sc. - - - - - - - - - - 1926
Ward, Leonard Rosslyn, B.E. - - - 1932
Ward, Margaret Kennings, B.A. - - 1947
Ward, Robert Hayes, LL.B. - - - - 1936
Ward, Russel Braddock, M.A. - - - 1950
Warhurst, Barbara Wilfred, B.Sc. - - 1938
Warren, Donald Hampton, B.A. - - 1942
Warren, Sidney Lilla, B.A. - - - - 1915
Waterhouse, Louis David, LL.B. - - 1914
Waterhouse, Thomas Henry, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - - - - - - 1948
Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) - 1947
†Waters, Russell Kyle, B.A. - - - 1949
Waterson, John Gabriel, B.D.S. - - 1945
Watkins, Charles Thomas, LL.B. - - 1907
Watkins, John Leslie, B.E. - - - - 1933
Watkinson, Mavis Daphne, B.A. - - 1937
Watson, Arthur Harrison Edward, M.B., B.S. - - - - - - - - - 1920
Watson, George Michael, M.B., B.S. - 1936
Watson, Joyce, B.A. - - - - - - - 1937
Watson, Margaret Arden, B.Sc. - - 1940
Watson, Ruth, M.Sc. - - - - - - - 1938
Watson, Percival, M.A. - - - - - - 1931
Watson, Timothy Alfred Francis Quinlan, M.Sc. - - - - - - - - 1945
Watt, Fanny Eileen, M.A. - - - - - 1930
†Wattchow, Colin Edward, B.A. - - 1949
Watts, Edith Isabel, B.A. - - - - - 1935
†Watts, Ruth Emily, B.A. - - - - - 1949
†Watts, John Clyde, B.Sc. - - - - - 1949
†Wauchope, Diana D'Este, B.Sc. - - 1949
Wauchope, Diosma Marie, B.A. - - 1923
Wauchope, Frederick John, B.Sc. - - 1930
Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918) - - - - - - - 1924
Wauchope, Mavis Lorelie, M.A. - - 1936
†Way, Leslie Edward, B.Sc. - - - 1949
†Way, Neville James, M.B., B.S. - - 1948
†Wearne, Enid Lois, B.A. - - - - - 1948
Webb, Arthur Liddon, M.B., B.S. - - 1922
†Webb, Emmaline Nancy, B.A. - - - 1949
Webb, John Edward, B.Sc. (Eng.) - 1942
Webb, John Newton, M.B., B.S. - - 1917
Webb, Mary Gwendoline, B.A. - - - 1937
Webb, Rita Gwendoline, B.A. - - - 1930
†Webber, Ronald Thomas John, B.Ag.Sc. 1948
†Webling, Donald D'Arcy, B.Sc. - - 1950
Webster, Raymond Murray, B.Sc. - - 1938
†Webster, Wilfred Grant, B.Sc. - - 1949
†Wegener, Clemens Frederick, B.Sc. - 1949
†Wegener, Richard Albert, B.E. - - 1948
Weir, Isobel, B.A. - - - - - - - 1914
Weiss, Donald Eric, B.Sc. - - - - - 1945
Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932) - - - - - - - - 1941
†Weiss, Alan Austin, B.Sc. - - - - 1950
Welbourn, Alan Egerton, B.E. - - - 1937
Welbourn, Barbara Egerton, B.Sc. - - 1941
†Welbourn, Eleanor Egerton, B.A. - - 1948
Welch, Arthur Walter Sydney James, M.B., B.S. - - - - - - - - - 1923
Welch, Frank Edison, M.B., B.S. - - 1936
Welch, Horace Henry Eric, B.E. - - 1938
Weld, Elizabeth Eleanor, M.B. (Melbourne, 1901) - - - - - - - - 1901
†Wellby, Maurice Lindsay, B.Sc. - - 1950
†Weller, Raymond Alfred, B.Sc. - - 1948
†Wellington, Hugh Kennedy, B.E. - - 1948
Wells, Clarence Gordon, M.B., B.S. - 1921
†Wells, Elizabeth Anne, B.A. - - - 1949
Wells, Elizabeth Wynne, B.A. - - - 1934
Wells, William Andrew Noye, LL.B. - 1945
†Welsh, James Oglesby, B.A. - - - 1948
Wemyss, Eleanor Evelyn Beatrice, M.A. - - - - - - - - - - 1924
Were, John Owen, B.A. - - - - - - 1933
Wesley Smith, Henry Elliott, B.A. - - 1936
Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926) - - - - - - - - 1949
West, Arthur George Bainbridge, M.A. (Oxford, 1892) - - - - - - - 1897
†West, Bruce Oswald, B.Sc. - - - - 1948
West, Doris Marjorie, B.A. - - - 1921
West, Eric Stodden, B.Sc. - - - - 1921
West, Esmond Frank, M.B., B.S. - - 1922
West, Gordon Roy, B.Sc. - - - - - 1904
M.B., B.S. - - - - - - - - - 1908
West, John Stanley, B.E. (B.Sc., 1907, surrendered for B.E.) - - - - - - 1914
West, Leonard Roy, M.B., B.S. - - - 1934
West, Reginald Arthur, M.A. - - - 1905
West, Robert Frank, M.D. (M.B., B.S., 1935) - - - - - - - - - - 1949
Westerman, Franklinna Sisley, B.D.S. - 1946
Westgarth, Walter Tebble, M.A. - - 1929
†Weston, Frank Keith, B.A. - - - - 1950
†Westphalen, John Arthur, B.Sc. - - 1950
†Whalan, Lionel Walter, B.A. - - - 1948
Wharhirst, Gwendolen Elizabeth, M.A. (Oxford, 1940) - - - - - - - 1945
Wheatley, Frederick William, B.A. - 1904
D.Sc. - - - - - - - - - - 1913
Wheeler, Harry Winslow, B.Sc. - - 1929
Wheeler, Reginald John, M.B., B.S. - 1930
Whibley, Cyril George, B.E. - - - 1927
Whillas, Geoffrey French, B.Sc. - - 1946
Whillas, Jean Kathleen, B.A. - - - 1947
Whitburn, Jack, B.A. - - - - - - - 1931
White, Alan Hubert, M.B., B.S. - - 1921
White, Brian Ross, B.Sc. - - - - - 1947
†White, Francis Richard, B.D.S. - - 1950
†White, Hedley John, B.E. - - - - - 1950
White, Helena Victoria, B.A. - - - 1934
White, Henry Douglas, B.A. - - - 1943
White, Joan Hazel, M.B., B.S. - - - 1935
†White, John Baron, B.E. - - - - - 1949
White, Joyce Winifred, B.A. - - - 1945
†White, Kenneth Elsdon, B.E. - - - 1948
White (nee Healy), Nora Kate, B.A. - 1939
White, Phyllis, B.Sc. (Sydney, 1920) - 1922
White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - 1947
White, Ray Baron, B.E. - - - - - - 1942
†White, Rodney Gordon, M.B., B.S. - 1949
White, Ruth Baron, B.Sc. - - - - 1942
White, Wilfred Allan, B.Ec. - - - 1942
†White, Wilfred Carlstan Jurs, B.Sc. - 1948
White, William John, M.E. - - - - 1920
White, William Richard Bolitho, B.E. 1932
†Whitehead, Millicent Alma, B.A. - - 1949
Whitelaw, Albert James, B.Sc. - - - 1929
B.A. - - - - - - - - - - 1937
Whitford, Patricia Mary, B.A. - - - 1940
Whitham, Annie Beatrice, B.A. - - - 1905
Whiting, Clyde Taylor, B.A. - - - - 1931
†Whitington, Anne, B.A. - - - - - - 1950

† Not yet Members of the Senate.

Whitington, Bertram, B.Sc. - - - - 1899
B.E. - - - - - - - - - - - 1913
Whitington, Joan, B.A. - - - - - 1933
Whitington, Louis Arnold, LL.B. - 1911
Whitington, Richard Smallpiece, LL.B. 1935
Whittle, Alick William Green, M.Sc. 1948
Whittle, Donald George, B.E. - - - 1936
†Whittle, Edith Julia, B.A. - - - - 1950
Wiadrowski, Maxwell Alfred Anton, B.A. - - - - - - - - - - 1937
Wibberley, Brian William, B.Sc. - - 1911
M.B., B.S. - - - - - - - - 1914
Wibberley, Hermia Mary, B.A. - - - 1941
Wickett, Harold Clarence, M.Sc. - - 1946
Wicks, Frederick Ralph, M.B., B.S. - 1923
Wicks, Norman Stephen Price, M.B., B.S. - - - - - - - - - - 1947
Wien-Smith, Geoffrey, M.B., B.S. - - 1915
Wiesner, Clarence Jack, B.Sc. - - - 1935
Wigan, Leonard James Cleveland, B.E. 1921
Wigg, Neil Thornburn Melrose, M.B., B.S. - - - - - - - - - - 1925
Wigg, Ronald Melrose, M.E. - - - - 1945
Wight, Albert James, B.E. - - - - 1936
Wight, Albert Raymond, B.E. - - - 1914
Wight, Hillier Clement, B.E. - - - 1933
Wight, Hugh Humphrey, B.Sc. - - - 1929
M.E. - - - - - - - - - - 1937
Wighton, Helen Craven, B.A. - - - 1938
Wignall, Douglas Ronald, B.A. - - 1948
Wilcher, Lewis Charles, B.A. - - - 1929
Wildy, Ralph Alderman, B.E. - - - 1938
Wilhelm, Donald Lancelot, M.B., B.S. 1942
†Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - 1948
†Wilkins, Ray Eber, B.A. - - - - - 1948
Wilkinson, Harold Callan, B.E. - - 1931
Wilkinson, Herbert John, B.A. - - - 1914
M.D. (Sydney, 1930) - - - - - 1934
†Wilkinson, Philomena Mary, B.A. - - 1949
Wilkinson, Robert Stuart, M.B., B.S. - 1939
†Wilkinson, Stewart Rex, B.A. - - - 1950
Wilkinson, Thomas Lancelot, B.Sc. - 1925
†Wilksch, Betty Ruth, B.A. - - - - 1949
†Williams, Arthur Charles, B.Sc. - - 1950
Williams, Arthur Evan, M.B., B.S. - 1914
Williams, Bruce Rodda, M.A. - - - 1944
Williams, Caroline Margaret, B.A. - - 1915
Williams, Christobel Mary, B.Sc. - - 1945
Williams, Colin Hale, M.Sc. - - - 1948
Williams, Donald Carter, B.A. - - - 1933
LL.B. - - - - - - - - - - 1935
Williams, Dorothy Theresia, B.A. - - 1935
Williams, Eirene Mary, B.A. - - - 1907
†Williams, Garth David, B.Sc. - - - 1948
Williams, George Esson Keith, M.A. - 1947
Williams, James Henry, M.A. - - - 1923
†Williams, Joan Beatrice, B.A. - - - 1948
Williams, Lindsay Hale, LL.B. - - 1945
Williams, Mabel Evangeline, M.A. - - 1916
Williams, Philip Glenly, B.A. - - - 1941
Williams, Ralph, B.Sc. - - - - - 1914
Williams, Robert Francis, M.Sc. (B.Sc., W.Aus.) - - - - - - - - - 1934
Williams (nee Hotten), Roma Olive, B.A. - - - - - - - - - - 1941
Williams, Spencer, M.A. - - - - - 1930
Williams, Walter Leslie, B.A. - - - 1940
Williams, Zena Vera, B.A. - - - - 1940
Willing, Charles Eric, M.B., B.S. - - 1928
†Willington, Lloyd Stanley, B.A. - - 1950
Willmott, Josiah Percival, B.Sc. - - 1907
Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931) - - - - - - 1947
Willoughby, Roger George, B.D.S. - - 1938
Willsmore, Elsie Victoria, Mus.Bac. - 1918
Willsmore, Hurtle Binks, B.Sc. - - - 1916
Wilmshurst, Maurice George, B.A. - - 1934
Wilson, Allan Fraser, M.Sc. - - - 1947
†Wilson, Brenda Ruth, B.A. - - - 1950
Wilson, Charles Ernest Cameron, M.B. (Melbourne, 1899) - - - - - - 1900
Wilson, Charles Graham, M.B., B.S. - 1947
Wilson, Colin Leslie, B.Sc. (Eng.) - - 1944
†Wilson, Dennis de Courcy, M.B., B.S. 1949
Wilson, Derek Finlay, LL.B. - - - 1936
Wilson, Doris May, B.A. - - - - - 1938
Wilson, Gordon Samuel, B.Sc. (Eng.) 1944
Wilson, Harry Max, B.D.S. - - - - 1928
Wilson, Jack Woodrow, B.Sc. - - - 1936
Wilson, James Beith, B.A. - - - - 1896
†Wilson, John Grenell, M.B., B.S. - - 1949
Wilson, Keith Cameron, LL.B. - - - 1922
Wilson, Laurence Algernon, M.B., B.S. 1918
Wilson, Luther Ernest Crosby, B.Sc. - 1926
M.A. - - - - - - - - - 1932
Wilson, Mollie Jean, LL.B. - - - - 1935
†Wilson, Robert Bruce, B.Sc. - - - 1950
Wilson, Robert Kevin, M.B., B.S. - - 1937
Wilson, Thomas George, M.D. (Sydney, 1904) - - - - - - - - - 1904
Wilson, William Fraser, B.Sc. - - - 1943
Wilton, Alexander Cockburn, M.B., B.S. - - - - - - - - - - 1911
Wilton, Dorothy Clyve, B.Sc. - - - 1940
†Wilton, John Barrett, B.Sc. - - - 1950
†Wincey, Cynthia Weaver, B.Sc. - - 1949
Windle, Doris Sophia, B.A. - - - - 1941
Winkler, Arthur Edmund, B.Sc. (Eng.) 1943
Winnall, Nancy Eleanor, B.Sc. - - 1919
Winter, Karl Berthold, M.B., B.S. - - 1942
Winter, William Graham, B.Sc. - - 1938
Winwood, William Weston, B.E. - - 1926
Winzor, Frank Lovelock, D.Sc. - - 1935
†Wissell, Stewart Gordon, B.A. - - 1949
Witt, Erik Hans, B.E. - - - - - 1929
Woithe, William Henry, B.E. - - - 1936
†Wollaston, Jocelyn Mary, B.Sc. - - 1950
Womersley, Hugh Brian Spencer, M.Sc. 1947
Womersley, John Spencer, B.Sc. - - 1945
Wood, Allen Edwin, B.A. - - - - 1944
†Wood, Colin James, B.A. - - - - 1950
Wood, Florence Catherine, B.A. - - 1938
Wood, Gordon Leslie, M.A. (Tasmania, 1922) - - - - - - - - - 1922
Wood, Henry Lambert, M.Sc. (B.Sc., Qsld.) - - - - - - - - - 1941
Wood, Joseph Garnett, D.Sc. - - - 1933
†Wood, Judith Ann, B.A. - - - - - 1950
Wood, Montague Couch, M.A. (Oxford, 1880) - - - - - - - - - 1888
Wood, Murray Bowering, M.B., B.S. - 1939
Wood, Philip Barclay, Mus.Bac. - - 1938
Woodard, Charles Ernest, B.A. - - - 1933
Woodger, Gwenneth Godwin, LL.B. - 1941
Woodham, Barbara Elizabeth, B.A. - 1941
†Woodhouse, Roy, LL.B. - - - - - 1950
Woodman, Stanley Kenneth, B.E. - - 1934
Woodroffe, Keith, B.Ag.Sc. - - - - 1937
Woodroofe, Gwendolyn Marion, M.Sc. 1944
Woodroofe, Kathleen, M.A. - - - - 1948
Woods, Charles William Griffin, M.B., B.S. - - - - - - - - - - 1939
Woods, Edward Burchell, B.A. (London, 1884) - - - - - - - - - 1921
Woods, Julian Gordon Tenison, LL.B. 1918
Woods, Nelly Hooper, M.A. - - - 1930
Woods, Richard Vynne, B.Sc. - - - 1947
Woodward, Barbara, B.A. - - - - - 1944
†Woodward, Oliver Gordon, B.Sc. - - 1950
Woolcock, Collin Elwyn, M.Sc. - - 1945
Woolcock, Rosslyn James, M.B., B.S. 1927
Wooldridge, Alan Frank, B.Sc. - - 1947
Woolnough, Geoffrey Lawrence, B.E. - 1929
Woolnough, Harold, B.A. - - - - - 1906
Woolnough, Walter George, D.Sc. (Sydney, 1904) - - - - - - - - 1904
Worsnop, Elsie Madeline, M.A. - - 1913
Worthley, Boyce Wilson, M.Sc. - - 1944
B.A. - - - - - - - - - - 1941
Worthley, Seymour Richard, M.Sc. - 1945
Wright, Angas Stanley, B.Sc. - - - 1933
Wright, Charlotte Elizabeth Arabella, B.A. - - - - - - - - - - 1888
Wright, Edna May, B.A. - - - - - 1938
Wright, George Herbert, B.A. - - - 1906
Wright, Leslie McLean, LL.B. - - - 1935
Wright, Lewis Garner, LL.B. - - - 1891

† Not yet Members of the Senate.

Wright, Norman Harvey, B.A. - - - 1927
†Wright, Robert Errol, B.Sc. - - - - 1950
†Wright, Robert John, B.Sc. (Eng.) - 1949
Wurm, Bertram Eric, M.B., B.S. - - 1920
Wurm, Roger Sinclair, M.B., B.S. - 1947
Wylie, Geoffrey Gurner, M.B., B.S. - 1946
†Wymond, Alonzo Pearse, B.Sc. - - 1949
Wynes, William Anstey, LL.D. - - 1933
Wyndham, Robert Alexander, B.Sc. (Sydney, 1934) - - - - - - - - 1938

Y

Yates, Colin, B.E. - - - - - - - 1932
Yates, Donald, B.E. (B.Sc., 1915, surrendered for B.E., 1919) - - - - 1919
Yates, Percy Cocker, M.B., B.S. - - 1942
Yates, Reginald Colin, B.E. - - - - 1937
Yeatman, Charleton, M.B., B.S. - - 1910
Yeatman, John Charleton, M.B., B.S. - 1938
Yelland, Joan Mary, B.A. - - - - - 1933
Young, Barbara Quinn, M.B., B.S. - 1942
†Young, Caroline Agnes, B.A. - - - 1949
Young, David Hastings, M.B. (Edinburgh) - - - - - - - - - - 1894
Young, Donald Scott, B.E. - - - - - 1929
Young, Dorothy Kate, B.A. - - - - - 1937
Young, James Hannibal, M.D. (M.B., B.S., 1929) - - - - - - - - - 1937
†Young, Kelvin Albert, B.Sc. (Eng.) - 1949
Young, Michael Quinn, B.E. - - - - 1945
Young, Phillip John, B.Ag.Sc. - - - 1947
Young, Sir Frederick William, LL.B. - 1897
Younkman, Landau, B.Sc. - - - - - 1910
Yuill, George Ashwin, LL.B. - - - 1913

Z

Zelling, Howard Edgar, LL.B. - - 1938
†Zeppel, Frank Robert, B.A. - - - 1950
†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
Paynter, R. H., Classics - - - - - - 1912
Ellis, F., Mathematics - - - - - - 1913
Potts, G. M., Classics - - - - - - 1915
Casson, L. F., English - - - - - - - 1928
Holmes, E. L., LL.B., Philosophy - - 1928
Williams, F. E. Classics - - - - - - 1928

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
Cheek, Bruce Mansfield, Economics I - 1947
Chittleborough, Laurel Evelyn, French Language and Literature II - - - 1947
Forsyth, Elliott Christopher, French Language and Literature II - - - 1947
Heddle, Shirley, French Language and Literature I - - - - - - - - - 1947
Leaney, Roy Kent, English Language and Literature II - - - - - - - 1947
Lee, Heather Vivian, English Language and Literature II - - - - - - - 1947
Nancarrow, Jean Isobel, French Language and Literature I - - - - - - 1947
O'Connor, Denise Christobel, English Language and Literature II - - - 1947
Osborn, Rowen Frederic, Economics and Political Science II - - - - - - 1947
Stokes, Judith, French Language and Literature II - - - - - - - - - 1947
Whillas, Jean Kathleen, English Language and Literature I - - - - - - 1947
Altmann, Olive Stella, French Language and Literature II - - - - - - - 1948
Cashmore, Helen Patricia, Political Science and History II - - - - - - 1948
Craton, Patricia Clarice, English Language and Literature I - - - - - - 1948
Hall, Jocelyn Rosemary, English Language and Literature II - - - - 1948
Muecke, Douglas Colin, English Language and Literature I - - - - 1948
Pash, Jeffrie Herbert, B.A., French Language and Literature I - - - - - 1948
Pike, Douglas Henry, Political Science and History I - - - - - - - - - 1948
Reynolds, Lilo, English Language and Literature I - - - - - - - - - 1948
Robertson, Betty Ann Fotheringham, Economics and Political Science II - 1948
Tindale, Beryl Rae, English Language and Literature II - - - - - - - 1948
Worthley, Boyce Wilson, B.A., M.Sc., Philosophy I - - - - - - - - - - 1948
Duncan, Ross, Political Science and History I - - - - - - - - - - - 1949
Ellis, Bruce Walter, French Language and Literature I - - - - - - - - 1949
O'Donoghue, Kenneth Kilian, B.A., Political Science and History II - - - 1949
Opie, Roger Gilbert, Economics I - 1949
Selth, Donald Victor, Political Science and History II - - - - - - - - 1949
Smith, Stuart Meldrum, English Language and Literature II - - - - - 1949
Wall, Barbara Deane, English Language and Literature I - - - - - 1949
Wells, Elizabeth Anne, French Language and Literature I - - - - - 1949
Adam, Elizabeth Anderson, Mathematics and Philosophy II (ii) - - - - - 1950
Ellis, Charlotte, Political Science and History II (ii) - - - - - - - - 1950
Felgenhaur, Robert Frederick, B.A., English Language and Literature I - 1950
Gilbert, Ronald Sunter, Economics II (i) 1950
Hart, Mary Margaret, Political Science and History II (i) - - - - - - - 1950
Haynes, James Dalrymple, Political Science and History II (ii) - - - - 1950
Paech, Bernice Mary, Political Science and History II (i) - - - - - - - 1950
Roder, John Herbert, English Language and Literature II (ii) - - - - - - 1950
Slee, Ian Bruce, English Language and Literature II (ii) - - - - - - - 1950
Tregonning, Kennedy Gordon Philip, Political Science and History I - - 1950

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

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

† Not yet Members of the Senate.

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

For previous Lists, see Calendars from 1918.

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

HONOURS DEGREE OF BACHELOR OF ENGINEERING

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

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

Carter, Edward Diment, B.Ag.Sc. I - 1950
Humphris, Francis Ross, B.Ag.Sc. II - 1946
Kemp, Henry Kenneth, B.Ag.Sc. I - - 1935
Mayo, George Melrose Elton, B.Ag.Sc. I 1950
Tiver, Newton Stanley, B.Ag.Sc. I - - 1942

HONOURS DEGREE OF BACHELOR OF LAWS

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

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere - 1946
Abbott, Herbert Lewis - - - - - - 1933
Adcock, John Bartlett - - - - - - 1931
Alderman, Henry Graham - - - - 1917
Alderman, John Robinson - - - - 1950
Andrews, Walter Frederick - - -- 1888
Ashton, Edward James Wilberforce - 1896
Ashton, Thomas Edward - - - - - 1941
Astley, Michael John - - - - - - 1950
Atkinson, Alfred Harris Owst - - - 1900
Badger, Magnus - - - - - - - - 1918
Bakewell, William Kenneth - - - - 1908
Beerworth, William Carl - - - - - 1932
Bennett, Henry Trevor - - - - - 1949

Berry, George Augustus - - - - - 1887
Boucaut, Douglas le Rey - - - - - 1927
Boucaut, George Hiles - - - - - 1906
Boucaut, Ian Penn - - - - - - - 1930
Bright, William Stuart - - - - - 1904
Buttrose, Murray - - - - - - - 1927
Carne, Alfred George - - - - - - 1931
Cheek, Reginald Heithersay - - - - 1921
Claridge, Philip James - - - - - - 1947
Clark, John Osborne - - - - - - 1935
Clarke, Laurence Eric - - - - - - 1920
Cleland, Peter Fullerton - - - - - 1939
Cleland, Thomas Erskine - - - - - 1919
Cocks, Arthur Wellesley - - - - - 1936
Collins, Dean Francis - - - - - - 1947
Collison, Frank Lloyd - - - - - - 1926
Colquhoun, Colin Roy - - - - - - 1928
Coventry, Charles James - - - - - 1911
Cresswell, George Edwin - - - - - 1929
Cutlack, Peter Robert - - - - - - 1926
Daly, Kevin Joseph - - - - - - - 1943
Davenport, Arthur Vernon - - - - - 1916
Davey, John Ryan - - - - - - - 1938
Davey, Robert Shannon - - - - - 1915
Davies, Cecil Ernest - - - - - - 1928
Davis, Raymond William - - - - - 1934
Davison, John Hubert Hawdon - - - 1908
Davoren, Michael Dominic - - - - 1940
Davoren, Thomas Anthoney Francis - 1937
Dawe, Reginald Stanley - - - - - 1936
Denny, William Joseph - - - - - 1908
Dow, Ian Baird - - - - - - - - 1949
Driffield, George Carus - - - - - 1889
Durston, Sidney Bridle - - - - - 1889
Edmunds, Keith Stacey - - - - - 1937
Fischer, Robert John - - - - - - 1949
Fisher, Francis Robert - - - - - 1949
Fisher, Guy - - - - - - - - - 1920
Fleming, Stanley Hugh - - - - - 1902
Fletcher, John Weld - - - - - - 1940
Foster, Henry Edgar - - - - - - 1889
Fox, John Henry - - - - - - - - 1895
Genders, Alexander Forbes - - - - 1949
Gelston, Hedley Ringrose - - - - 1914
Genders, Alexander Forbes - - - - 1950
Gibson, Reginald Mends - - - - - 1923
Gifford, Alfred Silva Harrill - - - 1919
Giles, Acland - - - - - - - - 1905
Gillman, Joseph Fisher - - - - - 1921
Goldsworthy, Napier Lytton - - - - 1949
Goldsworthy, Spencer Gordon - - - 1916
Goldsworthy, William Beazley - - - 1903
Goode, David Russell - - - - - - 1949
Goode, Evan Anderson - - - - - - 1926
Gordon, Leslie Kenneth - - - - - 1947
Grubb, Roy William - - - - - - - 1949
Gun, Clement Townsend - - - - - - 1920
Gun, Lloyd Townsend - - - - - - - 1949
Gwynne, Illted Gordon - - - - - - 1891
Hague, Percy - - - - - - - - - 1897
Hall, Robert Fishburn - - - - - - 1936
Harders, Clarence Waldemar - - - - 1943
Hardy, John Scott - - - - - - - - 1926
Harford, Basil Beverley - - - - - - 1928
Hargrave, Charles Townshend - - - 1904
Hargrave, Joshua Addison - - - - - 1890
Hargrave, Lancelot Morton Spiller - - 1921
Harry, Richard Varley - - - - - - 1937
Hay, Frederick Dean - - - - - - - 1934
Hayward, Cedric Charlie - - - - - 1923
Healy, Kevin John Bernard - - - - - 1915
Heseltine, Samuel Richard - - - - - 1903
Heuzenroeder, Rudolph Hermann - - - 1913
Heuzenroeder, William Ritter - - - 1929
Hill, Henry Richard - - - - - - - 1887
Hilton, Keith Denyer - - - - - - - 1947
Hodby, Herbert Charles - - - - - - 1922
Holland, George Harold - - - - - - 1920
Holland, William Corin - - - - - - 1909
Homburg, Hermann - - - - - - - - 1896
Homburg, John Hamilton - - - - - - 1939
Homburg, Renolf - - - - - - - - 1929
Homburg, Robert - - - - - - - - 1897
Humby, Rexton James - - - - - - - 1943
Hunt, William Robert - - - - - - - 1919
Hutchison, Charles Vernon Stuart - - 1937
Innis, Kenneth Norman - - - - - - 1925
Jacobs, Samuel Joshua - - - - - - 1946
James, Alfred Charles - - - - - - - 1899
Jessup, George Aubrey - - - - - - 1933
Johnson, James Howard - - - - - - 1900
Johnston, Laurence Frederick John - - 1931
Jordan, David Wallace - - - - - - 1949
Joyner, Frederick Allen - - - - - - 1885
Kearney, Beasley James William - - - 1925
Keats, Frederick Phillips - - - - - 1909
Kennedy, Donald Angas - - - - - - 1904
Kerin, William Francis - - - - - - 1944
Kinnane, Alexander John - - - - - - 1935
Kirkman, Kenneth Hainsworth - - - - 1918
Lake, Clement William Hingston - - - 1907
Leslie, John - - - - - - - - - - 1922
Lewis, Stanley Heathcote - - - - - 1927
Little, Egbert Percy Graham - - - - 1898
McCann, William Francis James - - - 1925
McCarthy, James Crimeen Ellery - - - 1925
McEntee, Kevin Vincent - - - - - - 1931
McEwin, George - - - - - - - - 1897
McGee, Edward Patrick - - - - - - 1933
McGee, John - - - - - - - - - 1916
Mackay, Alan Justin - - - - - - - 1936
Mackenzie, Charles Norman - - - - - 1909
McLachlan, Alexander John - - - - - 1894
McLachlan, Ian - - - - - - - - - 1932
McLeay, Marshall John - - - - - - 1927
Magarey, Ashley Henderson - - - - - 1932
Martin, Hugh Wallis - - - - - - - 1920
Mathews, Llandaff Brisbane - - - - - 1924
Matison, Victor Charles - - - - - - 1945
Matulich, Ross Noel - - - - - - - 1949
Mellor, James Corry - - - - - - - 1949
Mellor, Thomas Reginald - - - - - - 1915
Menzies, Stewart Keith - - - - - - 1937
Michell, George Wilfrid - - - - - - 1920
Michell, John Elsome - - - - - - - 1923
Millhouse, Vivian Rhodes - - - - - 1925
Mills, Elliott Whitfield - - - - - - 1940
Mollison, Thomas - - - - - - - - 1928
Morris, Gronwy Lewis - - - - - - 1932
Muirhead, Henry Mortimer - - - - - 1909
Mutton, Carlyle Herbert - - - - - - 1938
Napier, Robert Mellis - - - - - - - 1936
Nesbit, Hubert Gordon Pariss - - - - 1915
Nesbit, Lancelot Julian - - - - - - 1925
Nesbit, Reginald George - - - - - - 1900
Newman, Douglas Ralph - - - - - - 1949
Newman, Ralph Frederic - - - - - - 1921
Nicholls, Theodore Henry - - - - - - 1900
Odlum, Reginald Lance - - - - - - 1937
O'Grady, Francis Ignatius - - - - - 1939
Owen, William Frederick - - - - - - 1906
Pavy, Emily Dorothea, B.A. - - - - - 1928
Pavy, Gordon Augustus - - - - - - 1924
Pearson, Charles Mason - - - - - - 1917
Penny, Bertram Stephens - - - - - - 1908
Penny, Clifton Raymond - - - - - - 1893
Philcox, Claude Joseph Owen - - - - 1929
Povey, Edward - - - - - - - - - 1916
Power, Louis Bertrand - - - - - - - 1937
Puddy, Albert Forwood - - - - - - - 1934
Pyne, William Ewart - - - - - - - - 1915
Rankin, Henry Oliver Arthur - - - - 1912
Reed, Douglas - - - - - - - - - 1940
Reeves, Charles Wheatley - - - - - 1924
Regan, James William - - - - - - - 1913
Reid, Walter Gliddon - - - - - - - 1909
Reilly, Matthew Leonard - - - - - - 1939
Roberts, Donald Arthur - - - - - - 1912
Rollison, Gerald Dominic - - - - - - 1927
Rollison, William Alexander - - - - - 1915
Ronald, Stewart Douglas - - - - - - 1910
Rutter, George Lyall - - - - - - - 1920
Rymill, Arthur Campbell - - - - - - 1928
Sanderson, Kenneth Francis Villiers - - 1918
Shepherd, Joseph Scoresby - - - - - 1899
Smith, Frank Seymour - - - - - - - 1914
Smith, Francis Villeneuve - - - - - 1906
Smith, Paul Teesdale - - - - - - - 1920
Solomon, Helen Ethel - - - - - - - 1933
Solomons, Phillip Roland Nathan - - - 1939
Sparrow, Cyril Keith - - - - - - - 1921
Stockdale, William John - - - - - - 1889

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

ASSOCIATES IN MUSIC

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

Puddy, Betty Froome - - - - - - 1931
Puddy, Maude Mary - - - - - - 1900
Pyne, Tryphena Grace - - - - - - 1918
Reimann, Hilda Marie - - - - - 1912
Reimann, Leta Edith - - - - - - 1932
Renou, Jean Lois - - - - - - - 1923
Riedel, Melita Wanda - - - - - - 1918
Roach, Mary Moyle - - - - - - 1910
Roberts, Winifred Sophie - - - - - 1911
Robinson, Mary Patricia - - - - - 1935
Rofe, Joyce Newton - - - - - - 1933
Rowe, Elsie Maud - - - - - - - 1919
Rowe, Florence Nellie - - - - - - 1914
Rudemann, Elsa Wilhelmine - - - - 1903
Sansom, Joyce Mary - - - - - - 1940
Sara, Lily Emmaline - - - - - - 1916
Sayers, Alice Mabel - - - - - - 1901
Scammell, Ethelwyn - - - - - - 1910
Searle, Hartley Malcolm, B.A., B.Sc. - 1939
Shapley, Dorothy Alice - - - - - 1939
Shephard, Beatrice Joan - - - - - 1935
Short, John Thomas Gordon - - - - 1907
Simcock, Hilda May - - - - - - 1917
Sinclair, Jean Lily - - - - - - - 1924
Smith, Imelda Catherine - - - - - 1930
Smith, Margaret Joan - - - - - - 1950
Solomon, Betty - - - - - - - - 1930
Spehr, Francesca - - - - - - - 1901
Spriggs, Harriet Rosetta - - - - - 1919
Stoneman, Doreen - - - - - - - 1921
Stoneman, Olivia Charlotte - - - - 1930
Summers, Phyllis Harvey - - - - - 1930
Swincer, Patty - - - - - - - - 1948
Taylor, Gladys Leslie - - - - - - - 1908
Taylor, Jean Rosabelle - - - - - - 1926
Thomas, Sylvia Caroline Curtis - - - 1921
Thrush, Annie Vera - - - - - - - 1915
Tidemann, Ernest Phillips - - - - - 1927
Tonkin, Phyllis Anna - - - - - - - 1923
Trenerry, Thora - - - - - - - - 1944
Tuck, Joyce Edith - - - - - - - 1940
Tuck, Vivien Margaret - - - - - - 1941
Tunks, Flora Marion - - - - - - - 1931
Vardon, Daisy - - - - - - - - - 1914
Verco, Alison Martha - - - - - - - 1950
Verco, Gladys Kathleen - - - - - - 1928
Vick, Lloyd Winston - - - - - - - 1937
Virgo, Jean Ysobell - - - - - - - 1934
Virgo, Violet Myra - - - - - - - - 1919
Wall, Myrtle Trilby - - - - - - - 1917
Wallmann, Beatrice May - - - - - - 1909
Walsh, Lillian May - - - - - - - 1926
Watts, Mollie Louisa - - - - - - - 1930
Webb, Irene Margaret Thomson - - - - 1926
Whillas, Helen May - - - - - - - 1901
Whitington, Clytie Myrtle - - - - - 1917
Whitington, Sylvia Muriel - - - - - 1911
Wibberley, Brian - - - - - - - - 1908
Wiebusch, Adele Maria Dorothea - - - 1924
Williams, Hartley - - - - - - - - 1929
Williams, John Alexander - - - - - - 1925
Williams, Mervyn Ewart Lancelot - - - 1924
Williamson, Arthur Burton - - - - - 1908
Wollaston, Margaret Thirlmere - - - - 1941
Wordie, Ada Winifred - - - - - - - 1918
Zeven, Aila - - - - - - - - - - 1922

LIST OF STUDENTS WHO HAVE OBTAINED THE ADVANCED COMMERCIAL CERTIFICATE

Coffey, William James - - - - - - 1904
Donnelly, Albert Laurence - - - - - 1905
Kleeman, Theodore Richard - - - - - 1906
McMichael, Clunie Brice - - - - - - 1904
Muir, Thomas Grieve - - - - - - - 1904
Robertson, John George - - - - - - 1906
Russack, Friedrich Wilhelm - - - - - 1907
Threadgold, Stanley Garfield - - - - 1907

ASSOCIATES IN COMMERCE

Abbott, John Raymond - - - - - - 1950
Abbott, Norman Frank - - - - - - 1930
Adams, Harry - - - - - - - - - 1931
Adams, Helen Jean - - - - - - - - 1929
Adams, John Clifford - - - - - - 1949
Adamson, Alfred Victor - - - - - - 1926
Adamson, Harold Stanley - - - - - 1921
Addicoat, Bryan John - - - - - - - 1947
Ahrens, Frank Leo - - - - - - - - 1945
Aitchison, Donald Leslie Judson - - - 1939
Alderman, John Robinson - - - - - 1937
Allen, Jack - - - - - - - - - - 1937
Allingame, George William Davis - - 1935
Andersen, Clifford Werlin - - - - - 1927
Anderson, John Donald - - - - - - 1948
Anderson, Reginald Hamp - - - - - 1910
Angel, Norman Sidney - - - - - - 1930
Angel, Ronald Frank - - - - - - - 1930
Annells, Herbert Edward - - - - - 1908
Annells, Robert Harvey - - - - - - 1939
Arnold, Raymond Borman - - - - - 1949
Arthur, Maude Jessie - - - - - - - 1934
Ashby, William Maxwell - - - - - - 1943
Ashton, Alec James - - - - - - - 1935
Atkinson, Verdon Robert - - - - - - 1936
Ayers, Margaret Jean - - - - - - - 1937
Bailey, Arthur Norris - - - - - - - 1924
Bailey, Vanda Dorothy - - - - - - 1928
Balchin, Irene May - - - - - - - 1924
Balchin, Leonard Jack - - - - - - - 1935
Baldock, Gordon Herbert - - - - - 1948
Bammann, Cuthbert Harvey - - - - - 1938
Bampton, John - - - - - - - - - 1927
Barclay, William John - - - - - - - 1950
Barlow, Cecil William - - - - - - - 1939
Barlow, Leslie Harris - - - - - - - 1928
Barnes, Ronald David - - - - - - - 1948
Barrett, Jean Miriam - - - - - - - 1930
Barter, Francis Charles - - - - - - 1928
Barter, Jack Lampier - - - - - - - 1930
Barton, Jessie Charlotte - - - - - - 1929
Basedow, Bernhard Frederick - - - - 1948
Bathgate, John Pender - - - - - - 1916
Batt, Henry Richard Devon - - - - - 1935
Battye, George Harry - - - - - - - - 1924
Battye, Ross - - - - - - - - - - 1920
Baulderstone, Donald - - - - - - - 1935
Baxter, Donald Bruce - - - - - - - 1950
Bayly, Edward Benjamin - - - - - - 1910
Bayly, Ernest Edward - - - - - - - 1924
Bayly, George Lancelot - - - - - - 1929
Bayly, Jack Harold Fellowes - - - - 1931
Bayly, William Lawes - - - - - - - 1918
Beaney, Henry Finlay - - - - - - - 1928
Beauchamp, Shirley Frances - - - - 1949
Belcher, Milton Judson - - - - - - 1928
Belfer, Jacob - - - - - - - - - 1944
Bennie, John Smith - - - - - - - - 1938
Berck, Lionel Neil - - - - - - - - 1945
Berriman, Alfred Andrew - - - - - - 1923
Berry, Leslie Robjohns - - - - - - 1937
Besley, Lillian Ray - - - - - - - 1935
Bice, Norman Percival - - - - - - 1950
Biddle, John Parr Harding - - - - - 1925
Biggs, James Marshall - - - - - - 1925
Blackwell, Hazel Annie - - - - - - 1931
Blair, James Beatton - - - - - - - 1925
Blair, Ruth Margaret - - - - - - - 1940
Blanch, Clement Edward - - - - - - 1949
Bloomfield, Jack Lee - - - - - - - 1939
Boehm, Ernst Arthur - - - - - - - 1945
Born, Frank Ford Harker - - - - - - 1928
Bowden, Harry Frederick - - - - - - 1934
Bowen, Arthur Geoffrey - - - - - - 1933
Bower, Richard David - - - - - - - 1940
Bowes, Lindsay Burton - - - - - - - 1947
Bowness, Alexander - - - - - - - - 1928
Braddock, Dudley Warwick - - - - - 1938
Braddock, Lyall Arthur - - - - - - 1931
Brady, Thomas Francis - - - - - - - 1921
Bramwell, Horace Gordon - - - - - - 1932
Brandwood, Marie Earlston - - - - - 1944
Branson, Colin William - - - - - - 1949
Branson, Kenneth George - - - - - - 1947
Braunsthal, Norman Frank - - - - - 1928
Bray, Alan Claude - - - - - - - - 1926
Bray, Bruce - - - - - - - - - - 1940

Bray, Clifford Samuel - - - - - - 1908
Brazel, Thomas John - - - - - - 1926
Brewer, John Burton - - - - - - 1947
Brice, Alan Herbert - - - - - - 1938
Brice, Malcolm Hubert - - - - - 1949
Bridgland, Lionel Cedric - - - - - 1932
Briskham, Alexander George Herbert - 1927
Brock, Noel Howard - - - - - - 1922
Brooks, Sidney Rundle - - - - - 1933
Brown, Leonard Sawtell - - - - - 1926
Brown, Thomas Roderick - - - - - 1923
Browne, Clifford Harding - - - - - 1923
Buckett, Claude Ernest - - - - - 1940
Buckley, William Clarence - - - - 1929
Bulbeck, Philip Denis - - - - - - 1929
Burgess, Ellis Howard - - - - - - 1939
Buring, Eleanor Bette - - - - - - 1937
Burley, Arnold Robert - - - - - - 1939
Burns, George Eric - - - - - - - 1927
Burr, Frederick Samuel - - - - - 1923
Butler, Tom - - - - - - - - - - 1939
Calder, William Cormack - - - - - 1913
Caldwell, Hilda Valmai - - - - - 1928
Callaway, William Frank - - - - - 1931
Cameron, Elizabeth Mary - - - - - 1938
Cameron, Roy James - - - - - - 1945
Campbell, Harold Duncan - - - - 1925
Cane, Jack - - - - - - - - - - 1938
Cant, Leonard George - - - - - - 1917
Cant, Rex Birdsey - - - - - - - 1931
Carter, David Burleigh - - - - - 1950
Caust, Leslie George William - - - 1921
Cavender, Frederick Richard - - - 1940
Chambers, John Harrold - - - - - 1926
Chappie, Keith Fletcher - - - - - 1934
Charles, Armande Joffre - - - - - 1937
Charlick, Derek Herbert - - - - - 1939
Chester, Glen Drummond - - - - - 1938
Chettle, Walter Richard - - - - - 1927
Chinner, Alan George - - - - - - 1922
Christison, Margaret Jean - - - - 1940
Clark, Phyllis Mary - - - - - - 1939
Clarke, Geoffrey Thomas - - - - - 1923
Cobiac, Gerald Patrick - - - - - 1949
Cole, Geoffrey Leonard - - - - - 1950
Collison, Keith Tidmarsh - - - - - 1941
Colliver, Eustace James - - - - - 1928
Combe, Bernard Milo - - - - - - 1948
Compton, Joyce Oliver - - - - - 1945
Connelly, Joseph Kevin - - - - - 1938
Connelly, William Francis - - - - 1947
Coombe, Albert - - - - - - - - 1937
Cooper, Ashley Anthony Richard - - 1927
Cotton, Robert Harold - - - - - - 1908
Cottrell, Francis Allan - - - - - 1937
Cottrell, John Ledsam - - - - - - 1920
Coulthard, Clyde Ronald - - - - - 1937
Coward, Ivan Fernley - - - - - - 1930
Coward, Robert Malcolm - - - - - 1930
Cowell, Davis Francis - - - - - - 1939
Cox, Charles Wylde - - - - - - - 1932
Cox, Cyril Hewitt - - - - - - - - 1928
Craig, Ida Vera - - - - - - - - 1924
Crane, Greta Ruby - - - - - - - 1927
Creswell, John - - - - - - - - - 1919
Crump, Hedley Lawrence - - - - - 1949
Curtis, Lawrance Gordon - - - - - 1949
Daley, Vyvyan Lancelot - - - - - - 1928
Dalton, Victor Ernest - - - - - - 1923
Daniel, Claude Alfred Vaughan - - - 1921
Daulby, Herbert Stanley - - - - - 1936
Davey, Richard Howard - - - - - - 1950
Davidson, Cuthbert Hewett - - - - 1924
Davis, Agnes Mary - - - - - - - 1936
Davis, Bruce Frederick - - - - - - 1938
Davis, James Lenton - - - - - - - 1933
Davis, Noel Hewitson - - - - - - 1933
Davis, Rosalie Olive - - - - - - 1923
Dawbarn, Richard Bunbury - - - - 1930
Dawkins, Harry Blinman - - - - - 1939
Dawson, David Lancelot - - - - - 1926
Day, Colin Maxwell - - - - - - - 1936
Day, Frank Vernon - - - - - - - 1935
Deane, Allan Nicholson - - - - - - 1939
Denton, Samuel Bowcher - - - - - 1928
Dermott, Alice May - - - - - - - 1932
Dermott, John Edwin - - - - - - - 1921
Dobson, Alfred James - - - - - - 1909
Dodd, Robert Hedley, B.A. - - - - - 1947
Donaldson, John Monfries - - - - - 1941
Donnell, Leslie John - - - - - - 1939
Dowie, Jean Phillis - - - - - - - 1935
Downs, Claude Edmund - - - - - - 1932
Downs, Donald Archibald - - - - - 1938
Drabsch, Leo John - - - - - - - 1948
Duffield, Gordon Llewellyn - - - - 1936
Duldig, Milton Edwin - - - - - - 1939
Dunn, Raymond Keith - - - - - - 1950
Easson, Leonard John - - - - - - 1932
Eddy, John Edwin - - - - - - - - 1934
Edson, Eileen Mavis - - - - - - - 1930
Edwards, Alfred John - - - - - - - 1933
Edwards, Colin Arthur - - - - - - 1930
Edwards, Edgar Morton - - - - - - 1941
Edwards, Ernest Albert - - - - - - 1937
Edwards, Stanley Herbert - - - - - 1941
Effick, Henry Birrell - - - - - - - 1924
Elliott, Melva Gwendolene Vivian - - 1931
Ellis, Fred Leon - - - - - - - - 1939
Ellis, Kevin Clifford Keith - - - - 1934
Emery, Garth Charles - - - - - - 1941
Errington, Edna Jean - - - - - - - 1931
Evans, Horace Clement - - - - - - 1938
Evans, Ronald Dennis - - - - - - 1949
Ewens, Leonard Thomas - - - - - - 1930
Ewers, William David, B.A. - - - - 1943
Fahey, George Ambrose - - - - - - 1923
Farquhar, Donald Reginald - - - - 1929
Farrell, Edward William - - - - - 1949
Faull, Kevin Barton Woodfield - - - 1950
Favilla, Domenico Raffaelo - - - - 1939
Fewell, Stanley William - - - - - 1934
Filsell, Geoffrey Holbrook - - - - 1942
Firth, Jack Leader - - - - - - - 1937
Fisher, David le Sauvage - - - - - 1948
Fisher, Harold Henry - - - - - - 1932
Fitzgerald, Teresa Catherine - - - - 1931
Fleming, Ralph Harry - - - - - - 1939
Fleming, Robert Colin - - - - - - 1933
Flew, John William - - - - - - - 1950
Fogarty, Stanley Patrick Joseph - - - 1950
Forbes, Wilfred Roy - - - - - - - 1934
Forrest, Peter Cameron - - - - - - 1949
Foster, Lily Dorothy - - - - - - - 1935
Foxworthy, John Henry - - - - - - 1923
Francis, Ainslie DeLacy - - - - - - 1921
Francis, Stanley Charles - - - - - - 1924
Frayne, Jack Edmonston - - - - - - 1935
Fricker, Lourdes Victoria - - - - - 1948
Frost, Ernest Martin - - - - - - - 1949
Fry, Arthur Henry Percival - - - - - 1910
Furze, Noel Edgar - - - - - - - - 1927
Gale, Frederick Julius - - - - - - - 1910
Garrett, Eric Mostyn - - - - - - - 1934
Garood, Philip Jesse - - - - - - - 1938
Gemmell, Alex Stewart - - - - - - 1936
Gibb, Ernest Ullathorne - - - - - - 1939
Gibson, Eric Ambrose - - - - - - - 1925
Giles, Kenneth Livingstone - - - - - 1924
Giles, Stephen Alan Butler - - - - - 1927
Gill, Thomas Fergusson - - - - - - 1935
Ginman, David Charles - - - - - - 1947
Glastonbury, Oliver Albert Isaac - - 1929
Gluyas, Neil James - - - - - - - - 1937
Golovsky, Israel - - - - - - - - - 1921
Gordon, Colin Herbert - - - - - - - 1941
Gordon, Douglas Maitland - - - - - 1938
Gosden, Robert Byron - - - - - - - 1949
Gramp, Sidney Douglas - - - - - - - 1941
Grant, Kenneth Jack - - - - - - - 1929
Gray, Gilbert William - - - - - - - 1923
Green, Lawrence Goodwin - - - - - 1928
Greenham, Alfred Howard - - - - - 1923
Greig, William Ronald - - - - - - 1929
Haddad, Victor - - - - - - - - - 1938
Hamilton, Frank Douglas - - - - - - 1940
Hammann, Arthur Edwin - - - - - - 1927
Hand, Allan - - - - - - - - - - 1934
Hand, Milton John - - - - - - - - 1948
Hanley, Alice - - - - - - - - - - 1939
Hann, Maxwell Keith - - - - - - - 1938
Hannan, Edward Graham - - - - - - 1947

Harlow, James Keith - - - - - - 1941
Harnett, William Edwin - - - - - 1948
Harper, Ronald George - - - - - 1935
Harris, Frank Randall - - - - - 1949
Harris, Norman Alexander - - - - 1934
Harris, Ronald Firth - - - - - - 1939
Harris, Russell Hope - - - - - - 1912
Harrison, William Frank - - - - - 1908
Haslam, Alan Francis - - - - - - 1935
Hastwell, Robert Duncan - - - - - 1950
Hawkins, Alfred Raymond - - - - 1947
Heairfield, Walter George - - - - 1930
Healy, Francis Robert - - - - - - 1937
Heinemann, John Bryce - - - - - 1948
Heitmann, Colin Richard - - - - - 1950
Hendry, Campbell Alexander - - - - 1914
Hiatt, Jack Thomas - - - - - - 1935
Hieser, Ronald Oswald - - - - - 1943
Higgins, Harry Coote - - - - - - 1920
Hill, Patricia Pender - - - - - - 1949
Hill, William Charles - - - - - - 1933
Hill, William Ross - - - - - - - 1941
Hilton, Kingsley Winlo - - - - - 1930
Hirst, Ronald Robert - - - - - - 1935
Hoad, Sidney Arnold - - - - - - 1943
Hogben, Alfred Richard - - - - - 1909
Hogben, Horace Cox - - - - - - 1915
Holt, William George - - - - - - 1924
Holten, Dora May - - - - - - - 1924
Homes, Alma Ivy Penelope - - - - 1927
Hooper, Mervyn Perry - - - - - 1926
Hooper, Ronald Ley - - - - - - 1937
Horrocks, Charles Edgeworth - - - 1925
Howard, Cornelius James - - - - 1949
Howard, Leonard Marie - - - - - 1949
Howard, Paul Francis - - - - - 1949
Howie, Douglas Cullen - - - - - 1937
Howie, George Percival - - - - - 1916
Howland, Arthur Stilville - - - - 1934
Hunwick, Ernest Frederick William - 1924
Hunwick, Leonard William, LL.B. - - 1939
Isaachsen, Eric Eduard - - - - - 1936
Isaachsen, Oscar Cedric, LL.B. - - - 1937
Jackson, Harold Ernest - - - - - 1939
Jackson, Leslie Colin - - - - - - 1941
James, Charles Kingsley - - - - - 1918
Jamieson, Neil Livermore - - - - 1927
Jaunay, Donald Robert - - - - - - 1949
Jeffery, Charles Frederick - - - - 1938
Jeffery, George Henry - - - - - - 1933
Jeffery, Roy Gordon - - - - - - 1940
Jeffress, Leslie Charles - - - - - 1928
Jenkinson, Keith Travers - - - - - 1938
Jenner, Arnold Miller - - - - - - 1929
Jessup, George Aubrey - - - - - - 1927
Johnson, Douglas Oswald - - - - 1949
Johnson, George Ronald - - - - - 1939
Johnson, Harry Witter - - - - - - 1932
Johnston, Noel Stuart - - - - - - 1950
Johnston, Verner - - - - - - - - 1949
Jones, Elizabeth May - - - - - - 1926
Jones, Joyce Gertrude - - - - - - 1944
Joyce, Alan Francis - - - - - - - 1941
Judd, Percival Richard Henry - - - 1926
Kelly, Brian Patrick - - - - - - - 1949
Kelly, Hartleigh - - - - - - - - 1933
Kelly, Isobelle - - - - - - - - - 1927
Kelsey, Jack - - - - - - - - - - 1932
Kenihan, John Dudley - - - - - - 1933
Kennedy, Mervyn George - - - - - 1932
Kesting, Ernest Arthur - - - - - 1930
King, John Bugler - - - - - - - 1937
King, Norman Reginald - - - - - 1949
Kinnish, Florence Maud - - - - - 1920
Kirkman, David - - - - - - - - - 1908
Knight, Bernard Murray - - - - - 1938
Knox, Rex - - - - - - - - - - - 1949
Koch, Othal Ludwig - - - - - - - 1937
Kumnick, Donald Kerr - - - - - - 1933
Lahiff, Arthur Stanley - - - - - - 1950
Lambert, Anthony Wilson - - - - - 1945
Lang, James Thomas - - - - - - - 1937
Langcake, William Charles - - - - 1940
Langsford, Leonard Graham - - - - 1948
Lapthorne, Cecil Lindsay John - - - 1948
Laughton, Robert Bruce - - - - - 1942

Laver, Robert William - - - - - - 1940
Lenton, Leslie - - - - - - - - - 1916
Letcher, William John - - - - - - 1934
Lever, Cecil Harry - - - - - - - 1939
Levett, Geoffrey Frederick - - - - 1950
Lewis, Clarence George - - - - - 1924
Lewis, Rex Ernest - - - - - - - - 1930
Lillywhite, Bessie - - - - - - - - 1925
Lloyd, Harold Trent - - - - - - - 1926
Loan, William Clarence - - - - - 1923
Lodge, Maurice Arnold - - - - - - 1929
Lonergan, Eric Norman - - - - - - 1949
Longmire, Frank Albert - - - - - - 1940
Lorimer, Robert William - - - - - 1922
Loughrey, Arthur Bernard - - - - - 1941
Love, Ronald Edward Beaumont - - - 1934
Lowe, Kenneth Maurice - - - - - - 1939
Luxmore, John Alexander - - - - - 1931
Lyon, Colin Grant - - - - - - - - 1929
Lyon, James Cobbett - - - - - - - 1925
McAnaney, William Patrick - - - - 1931
McAulay, John Albert Galster - - - - 1922
McAuliffe, Lionel Frank - - - - - - 1934
McCarron, Philip Bernard Alphonsus - 1925
McCarthy, John Anthony - - - - - - 1930
McDonald, Dorothy Patricia - - - - 1935
McEgan, Ernest William - - - - - - 1923
McFarlane, Maude Evans - - - - - - 1928
McGarry, Donald Martin - - - - - - 1936
McKee, Geoffrey Nolan - - - - - - 1935
McKee, George Angas - - - - - - - 1927
McKee, William Albert Kenneth - - - 1926
McKenzie, Allan John - - - - - - - 1933
McLean, Allan William - - - - - - 1921
Mack, Arthur William - - - - - - - 1925
Macklin, Bruce Roy - - - - - - - - 1939
Mahoney, John Joseph - - - - - - - 1927
Malcolm, Kathleen - - - - - - - - 1933
Marchant, Vernon Harold - - - - - 1929
Marrett, Lorna Liggett - - - - - - 1922
Marshall, Alma Kathleen - - - - - 1921
Martin, Colin Walter - - - - - - - 1925
Martin, Eric Joan - - - - - - - - 1923
Masters, Reginald Keith - - - - - - 1938
Mathews, Reginald William - - - - 1928
Matthews, Leonard George - - - - - 1934
Maunder, Leonard Edward James - - - 1926
Meaney, Thomas Francis - - - - - - 1948
Mehrtens, Bronte - - - - - - - - 1950
Mengerson, Norman Victor - - - - - 1919
Menkins, Frank Hermann - - - - - - 1908
Merchant, Eric George - - - - - - 1948
Messent, Albert Edward - - - - - - 1908
Messent, Frank Ashby - - - - - - - 1927
Miller, Gavin Robert - - - - - - - 1918
Miller, Lyle Clark - - - - - - - - 1947
Mills, Edward Whitfield - - - - - - 1915
Minson, Charles Stanley - - - - - - 1930
Mitchell, Bruce - - - - - - - - - 1919
Mitchell, John Turnbull - - - - - - 1933
Mitchell, Lurline Vaughan - - - - - 1933
Mitchell, Shirley Eileen - - - - - 1944
Mobsby, Edward Tompson - - - - - 1940
Moncrieff, Joan Lorimer - - - - - - 1925
Moore, Walter Harry - - - - - - - 1935
Moore, Warwick Grey - - - - - - - 1935
Morcom, Kenneth Douglas - - - - - 1940
Mortess, Eric James - - - - - - - 1925
Mould, Francis Edmund - - - - - - 1927
Moyes, Cecil Clarence - - - - - - 1918
Moyes, Charles Robert - - - - - - 1913
Moyle, John Ewart - - - - - - - - 1917
Muecke, Carl Wilhelm Ludwig - - - - 1908
Mullen, Brian Anthony - - - - - - 1930
Mullin, Mary Margaret - - - - - - 1925
Mullins, Francis Patrick - - - - - - 1926
Munro, Elizabeth Margaret - - - - - 1930
Murray, Donald - - - - - - - - - 1930
Murray, Ronald George - - - - - - 1936
Mutton, Henry Edwin Howard, M.A. - - 1926
Nairn, Donald Maxwell - - - - - - 1936
Naulty, Reginald - - - - - - - - 1937
Nave, John Lionel - - - - - - - - 1929
Needham, George Francis Jack - - - - 1911
Nettle, Kenneth Ralph - - - - - - 1948

Neuenkirchen, Hermann Adolph Heinrich - - - - - - - - - - 1912
Newbold, Murray Charles Lewis - - 1949
Newman, Kenneth Fisher - - - - 1928
Nicol, Beryl Elvira - - - - - - 1943
Oakley, Lyle Beresford - - - - - 1949
O'Brien, Paul Dominic - - - - - 1937
O'Dea, John Leonard - - - - - - 1950
O'Donnell, James Richard - - - - - 1941
O'Flaherty, Michael Sidney - - - - 1948
O'Flaherty, Reginald Kitchener - - - 1937
O'Grady, Michael James Anthony - - 1950
O'Grady, Oswald James - - - - - 1923
Oliphant, Nigel Besant - - - - - - 1933
Oliver, Edward Bruce - - - - - - 1935
Oliver, Raymond Charles - - - - - 1933
Ophel, Ralph Burnell - - - - - - 1933
Ormond, Colin William - - - - - 1943
Padget, Dora Jane - - - - - - - 1928
Paech, Richard Leonard - - - - - 1947
Painter, Edward Websdale - - - - 1920
Palmer, Bruce Cole - - - - - - 1938
Paltridge, Angus Lindsay - - - - - 1950
Park, Gilbert Maxwell - - - - - 1923
Parkinson, John Haslam - - - - - 1934
Parr, Harry Sidney - - - - - - - 1916
Parr, Stanley Robert - - - - - - 1949
Pascoe, Douglas Everett - - - - - 1927
Pascoe, Ronald Francis - - - - - 1936
Patterson, Isabel Maude Holmes - - 1945
Patterson, Robert Banks - - - - - 1936
Payne, Randolph Douglas - - - - 1948
Peart, Kathleen Grace - - - - - - 1947
Pederick, Hubert Oswald - - - - - 1929
Pentelow, Edith May - - - - - - 1929
Perriam, Clifford Allan - - - - - 1937
Perriam, Eric Charles - - - - - - 1939
Peterson, Ronald John - - - - - 1937
Phelps, Winifred Annie - - - - - 1925
Philcox, Claude Joseph Owen - - - 1923
Pike, Vernon Horace Charles - - - 1937
Pitcher, Ronald Samuel - - - - - 1923
Pledge, Martha Phoebe - - - - - 1930
Pollnitz, Percy Frederick - - - - 1935
Ponder, Gilbert Walter Graham - - - 1914
Potter, Donald Roy - - - - - - - 1937
Potter, Frank Jacques - - - - - - 1942
Pounsett, John Lenton - - - - - - 1949
Price, Henry Ernest - - - - - - 1930
Prior, Olive Cora - - - - - - - 1933
Proud, Katherine Lily - - - - - 1910
Pulford, Vivian George - - - - - 1948
Raffelt, Helene - - - - - - - - 1925
Ramsey, Alfred Maxwell - - - - - 1941
Ransom, William Robert George - - - 1932
Raymond, Reginald Norman - - - - 1935
Read, Angus Robert - - - - - - 1929
Read, Howard Llewellyn - - - - - 1926
Redman, Jessie Adelaide - - - - - 1929
Reed, Frank Basil - - - - - - - 1939
Reilly, Lawrence Joseph - - - - - 1948
Reynolds, Ernest Joseph Walter - - - 1925
Rhodes, Ronald Sydney - - - - - 1927
Richards, Kenwyn Howard - - - - - 1937
Richardson, Jack Avon - - - - - - 1928
Riches, Robert Wilfred - - - - - 1932
Ridgway, Frank Reginald - - - - - 1938
Riebe, Erwin John - - - - - - - 1929
Riley, Olly Beata - - - - - - - - 1931
Ringwood, Robert Ainslie - - - - - 1939
Rippin, John William - - - - - - 1949
Roberts, James Andrew - - - - - - 1935
Roberts, Kenneth James - - - - - - 1949
Robertson, George Oliver - - - - - 1908
Roennfeldt, John William - - - - - 1937
Rooney, John Francis - - - - - - 1928
Rose, Vivian Clement - - - - - - 1933
Rungie, Maxton Keith - - - - - - 1934
Rush, Douglas Bartlett - - - - - - 1949
Rush, Herbert Stanley - - - - - - 1934
Russack, Frederick William, jun. - - 1927
Ryan, William John - - - - - - - 1927
Safra, Benjamin Louis - - - - - - 1950
Sambell, Frederick James - - - - - 1919
Sando, Gordon Victor - - - - - - 1929
Sarre, James Ayrton - - - - - - - 1938
Schirmer, Gerhart Percy - - - - - - 1942
Schneider, Wilfred, B.E. - - - - - - 1932
Schumacher, Bert Edward Bernard - - 1933
Seaman, Gilbert Frederick - - - - - 1935
Searcy, John Dudley - - - - - - - 1934
Seddon, Gordon David LeMessurier - - 1939
Sellars, Norman Lionel - - - - - - 1923
Selth, Maurice Burfitt - - - - - - 1938
Shepherd, Rupert Lloyd - - - - - - 1927
Sheppard, Bernard Aubrey - - - - - 1910
Sheppard, John Tyndall - - - - - - 1928
Shier, Marjorie Dufty - - - - - - - 1939
Shuttleworth, Robert Thomas - - - - 1926
Simmons, Donald William - - - - - 1939
Simmons, Peter James - - - - - - 1950
Simpson, Alfred Moxon, B.Sc. - - - - 1949
Simpson, John Favilla - - - - - - - 1948
Slade, James Henry Gray - - - - - 1938
Slape, Marcus Frank - - - - - - - 1937
Smith, Charles Alfred - - - - - - 1910
Smith, Clarice Margaret - - - - - - 1929
Smith, Dawn - - - - - - - - - - 1949
Smith, Eileen Milton - - - - - - - 1930
Smith, Henry Morris - - - - - - - 1928
Smith, Isaac Francis - - - - - - - 1923
Smith, Kenneth Brian Innes - - - - - 1949
Smith, Margaret Shea - - - - - - - 1950
Solly, Hubert Ambrose - - - - - - 1913
Sorell, Donald George - - - - - - 1945
Spence, Lionel Dudley - - - - - - 1948
Stanford, Walter Henry - - - - - - 1927
Stapleton, Thomas Leslie - - - - - - 1943
Starling, Clifford Joseph - - - - - - 1947
Steele, Robert Moore - - - - - - - 1908
Stephenson, Ezra - - - - - - - - 1928
Stephenson, John - - - - - - - - - 1924
Stock, Adrian Aston - - - - - - - 1941
Stuart, Arthur Donald - - - - - - 1926
Summers, David Charles - - - - - - 1937
Sunter, John Scott - - - - - - - - 1936
Swan, John Gordon, - - - - - - - - 1948
Swanson, Alexander - - - - - - - 1929
Swanson, James Baikie - - - - - - 1948
Sweeney, James - - - - - - - - - 1935
Talbot, John Saxton - - - - - - - 1940
Tassie, Eric Harry - - - - - - - 1917
Taylor, Deane Brownfield - - - - - - 1938
Taylor, James Scott - - - - - - - 1933
Taylor, Raymont Fyfe - - - - - - - 1947
Taylor, Walter Henry - - - - - - - 1935
Temme, Bernhard Robert - - - - - 1931
Thamm, Louis George - - - - - - 1933
Thomas, Bruce Ian - - - - - - - 1938
Thomas, Harold Clarke - - - - - - 1908
Thomas, Jack - - - - - - - - - - 1928
Thompson, Frederick Aubrey Jones - - 1929
Thompson, Jack - - - - - - - - - 1949
Thompson, Terence Dudley - - - - - 1949
Thredgold, Lorna Wynnie - - - - - 1944
Thurston, Frank Harris - - - - - - 1923
Thyer, Walter Vernon - - - - - - 1921
Tilbrook, Kevin Townsend - - - - - 1949
Tillett, Arthur Colin - - - - - - - 1930
Todd, Beryl Nance - - - - - - - - 1940
Topperwein, Jessie Jeanette - - - - - 1925
Travers, Edward Ambrose - - - - - 1923
Treleaven, Ross - - - - - - - - - 1950
Treloar, Ronald William - - - - - 1949
Trigg, Frank Elliot - - - - - - - - 1926
Trimmer, Noel Donavan - - - - - - 1950
Tucker, Colin Pryor - - - - - - - 1950
Tuckwell, Kenelm Sinclair - - - - - 1925
Turnbull, George Alexander - - - - - 1930
Turner, Arthur Frederick - - - - - 1932
Turner, Jack - - - - - - - - - - 1925
Turner, Mervyn Richard - - - - - - 1938
Turner, Percy - - - - - - - - - - 1913
Turner, Raymond Stanmore - - - - - 1930
Twiss, William Wilmott - - - - - - 1935
Underhill, Joseph Douglas - - - - - 1950
Valentine, Thomas George - - - - - 1950
Vawser, Leeson William - - - - - - 1920
Vawser, Frank Derwent - - - - - - 1925
Vawser, Noel Keith - - - - - - - 1941
Verco, Wilfred Douglas - - - - - - 1940
Vincent, Harry - - - - - - - - - 1932

Vincent, Mary - - - - - - - - - 1935
Viney, Lawrence George - - - - - 1940
Virgo, Ronald Gilmour - - - - - 1937
Wagstaff, Ronald - - - - - - - 1937
Wahlqvist, Hugo Carl - - - - - - 1923
Walch, Geoffrey Roberts - - - - - 1937
Waldeck, Reginald David Chapple - - 1933
Walkington, Newton Gilbert - - - - 1934
Walsh, Paul - - - - - - - - - 1941
Walter, Hugh Garthwaite Ephraim - - 1938
Wardman, Charles Howard - - - - 1941
Wauchope, James George Neilson - - 1911
Webb, George Carlile - - - - - - 1938
Werfel, Mavis Jean - - - - - - - 1948
Wheeler, Horace Roseby - - - - - 1911
Whelan, Patrick John - - - - - - 1937
White, Godfrey Alfred - - - - - 1947
White, Jack Walter Robert - - - - 1950
White, Wilfred Allan - - - - - - 1940
Whitridge, Gladstone Keith - - - - 1920
Whittenbury, Vernon Frank - - - 1949
Whitwell, Bruce Dowland - - - - 1934
Wickes, Donald William - - - - - 1937
Wildy, Mervyn Arthur George - - - 1950
Wilkins, Ada Dorothy Marion - - - 1927
Williams, Albert Bruce Wauchope - - 1925
Williams, Edward George - - - - - 1934
Williams, Eric Spencer - - - - - 1922
Williams, John Carter - - - - - - 1917
Williams, Ronald Bannister - - - - 1937
Williams, Zena Vera - - - - - - 1926
Williamson, Harold Edgar - - - - 1926
Wilson, William Norman - - - - - 1950
Winter, Claude Howard Stanley - - - 1914
Wood, Alfred Evelyn - - - - - - 1909
Wood, Maurice Garnet - - - - - - 1938
Woolcock, Alan Burnett - - - - - 1939
Woolcock, Royal Johnston - - - - 1928
Wright, Dorothy Maud - - - - - - 1929
Wright, Robert Samuel - - - - - 1941
Wyett, Ernest Stanley - - - - - - 1931
Young, Norman Smith - - - - - - 1930

ASSOCIATES IN PUBLIC ADMINISTRATION

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

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

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

DIPLOMAS IN APPLIED SCIENCE

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

DIPLOMA IN FORESTRY

Pinches, Alfred Leslie - - - - - - 1914
Schedlich, Alfred Karl - - - - - - 1914

DIPLOMA IN EDUCATION

Alcock, Dudley Horald, B.A. - - - - 1944
Allen, John Bernard, B.A. - - - - - 1942
Allen, Leonard Nicholls, M.A. - - - 1939
Altus, Rudolph Herman, M.A. (Melb.) - 1950
Anders, Douglas John, B.Sc. - - - - 1947
Anderson, Aubrey James Clifton, B.A. - 1948
Atwell, Leslie George Danks, B.A. - - 1941
Baddams, Violet Thenie, B.A. - - - 1940
Barber, Howard Frank, B.A. - - - 1943
Barnes, Frederick Lynne, B.Sc. - - - 1944
Bartholomaeus, Edmund Stanley, B.A. 1931
Bartleet, Nancy Irene, B.A. - - - - 1950
Batchelor, Flossie Elizabeth Reine, B.A. 1922
Bawden, Albert Victor, B.A. - - - - 1942
Beaumont, Olive Sowter, B.A. - - - 1943
Beckwith, Shirley Katie, B.A. - - - 1948
Bennett, Annie Stevens, B.A. - - - 1924
Bennett, Charles Gordon, B.A. - - - 1934
Bennett, Thomas Southall, B.A. - - - 1940
Bentley, William James, B.A. - - - 1949
Berry, Frances Winifred, M.A. - - - 1924
Bested, Gordon John, B.A. - - - - 1945
Biddle, Enid Barbara, B.A. - - - 1949
Bilney, Neil Joseph, B.A. - - - - 1947
Bone, Maxwell Harold, B.A. - - - - 1939
Bourke, Elma Marie, B.A. - - - - 1941
Bray, Elva Mildred, B.A. - - - - 1943
Brown, Henry, M.A. - - - - - - - 1924
Brown, Reginald Dutton, B.Ec. - - - 1947
Bull, Winifred, B.A. - - - - - - 1948
Burdon, Ivor Leslie, B.A. - - - - - 1945
Burnard, Charles Robert - - - - - 1948
Burns, Esther - - - - - - - - - 1949
Burton, Dudley Hopetoun, B.A. - - - 1941
Butcher, Alan Edward, B.A. - - - - 1933
Butler, Kathleen Fiona, B.A. - - - - 1948
Campbell, Archibald Herbert, B.A. - - 1939
Cannell, Cedric James, B.Sc. - - - 1942
Cant, Alister McKinnon, B.A. - - - 1944
Carthew, Lancelot, B.A. - - - - - 1950
Cavenett, Horace Clifford - - - - 1945
Cawte, Frederick George Nelson - - - 1942
Chapman, John Marsden, B.A. - - - 1940
Charlesworth, Thomas William, M.A. - 1947
Close, Maynard Davidson, B.A. - - - 1948
Close, Ronald Wilkinson, B.Sc. - - - 1945

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

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

ASSOCIATES IN PHYSICAL EDUCATION

Allert, Margaret Elizabeth - - - - 1943
Arthur, Lawrie Edyvean - - - - - 1949
Aspinall, Nancie Jean - - - - - - 1944
Baker, Mary Elizabeth - - - - - 1942
Bell, Thomas Clive Lithgow - - - - 1948
Brooks, Charles Alfred - - - - - 1945
Bullock, Ivor George William - - - 1950
Cadzow, Leslie Consort - - - - - 1949
Chapman, Denise Alcon - - - - - 1950
Cook, Heather Mignon - - - - - 1947
Coppock, Jeanetta May - - - - - 1943
Delanty, Patricia Hickford - - - - 1949
Delsar, Frederick William - - - - 1949
Drabsch, Alfred Felix, B.A. - - - - 1947
Eldridge, Diana Melbourne - - - - 1950
Fromen, Petrea Elsie Dora - - - - 1950
Haslam, Denise Allison - - - - - 1949
Hodgson, Geoffrey Arthur - - - - - 1950
Horvat, Ludovic Henry - - - - - 1941
Ising, Margaret Lucy - - - - - - 1942
Jensen, Richard Ian Broughton - - - 1950
Kidman, Elizabeth Duncan - - - - 1942
Laycock, Geoffrey Clinton - - - - 1948
McGargill, Gordon Winstanley - - - 1949
Maddocks, Jean Kinloch - - - - - 1944
Mutton, Howard James Charles - - - 1948
O'Loughlin, Ruth Dorothy - - - - 1945
Page, Ronne Earle - - - - - - - 1944
Proctor, Ivy Millicent, B.A. - - - - 1945
Pugh, Elizabeth - - - - - - - - 1949
Reynolds, Maxwell Stanley - - - - 1944
Roberts, Owen David - - - - - - 1947
Rowe, Joy Dorothy - - - - - - - 1950
Schuetz, Harold Edwin - - - - - 1947
Sladden, Jefford Desmond - - - - 1949
Thomas, Margaret Anne - - - - - 1945
Torr, Alison Ruth - - - - - - - 1950
Williams, Margaret Gordon - - - - 1942
Wollaston, Elsie Margaretta - - - - 1950
Wooldridge, Aileen Frances - - - - 1948

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE

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

ASSOCIATES IN PHARMACY

Anderson, Gwendoline Eva - - - - 1947
Anderson, Ronald Alexander - - - - 1944
Andrews, Erson Leonard - - - - - 1939
Bahnish, Noel - - - - - - - - - 1945
Bailey, Geoffrey Reginald - - - - 1948
Barnes, Donald Stalley - - - - - 1947
Barnes, Herb - - - - - - - - - 1944
Bartold, Geoffrey Paul - - - - - 1947
Bassett, Murray Maxwell - - - - 1948
Bazeley, William Joseph - - - - - 1945
Beckinsale, Ronald Herbert - - - - 1949
Beilby, Jack Canavan - - - - - 1947
Bentley, Alan - - - - - - - - - 1937
Bishop, William Victor - - - - - 1949
Bentley, Deryck Edward - - - - - 1947
Booth, Thomas Sheldon - - - - - 1937
Bourne, John Wallace - - - - - 1943
Bowen, Frederick Lloyd - - - - - 1939
Bowey, Allan Edgar - - - - - - 1938
Branson, Robert Rolling - - - - - 1937
Brett, Jack Nethersole - - - - - 1938
Brewster, Cora Elaine - - - - - 1948
Broad, Lionel Hugh - - - - - - 1943
Brougham, Robert Joffre - - - - - 1940
Brown, Ronald Emanuel - - - - - 1944
Burge, Raymond Henry - - - - - 1936
Callaghan, Roy Hugh - - - - - - 1948
Carnie, John Alfred - - - - - - 1950
Caught, James Gardiner - - - - - 1935
Cavanagh, Robert Edwin - - - - - 1936
Cheek, Harold Dudley - - - - - 1939
Chodowski, Samuel Mendel - - - - 1941
Clancy, Ross Percival - - - - - 1945
Clark, Arthur Wellesley - - - - - 1934
Clarke, Trevor Keith - - - - - - 1945
Clarke, Vinrace Lisle - - - - - - 1936
Clarke, William Graham - - - - - 1947
Coleman, Ronald George - - - - - 1947
Connell, Myles Patrick - - - - - 1949
Coorey, Brian Norman - - - - - - 1950
Coultas, Ronald John - - - - - - 1950
Crafter, Kenneth Charles - - - - - 1938
Craig, Lloyd Albert - - - - - - 1941
Curnow, Thomas Martin - - - - - 1942
Currie, Robert John - - - - - - 1950
Daniell, Ross Wilfrid - - - - - - 1938
Darwin, Lloyd Edwin - - - - - - 1943
de Brenni, Jules - - - - - - - 1944
Dowding, Ruth Elma - - - - - - 1948
Downie, Sydney Andrae - - - - - 1940
Duncan, John Davidson - - - - - 1950
Dundon, Laurence James - - - - - 1942
Dundon, Noel Francis - - - - - - 1949
Dunstone, Kenneth William Thomas - 1943
Eckersley, Malcolm Russell - - - - 1939
Egar, Paul Gerard - - - - - - 1949
Elix, Robert Hugo - - - - - - - 1935
Entwistle, John - - - - - - - - 1947
Evans, Anthony Greig - - - - - - 1945
Evely, Roderick Harding - - - - - 1938
Ey, William Theodor - - - - - - 1937
Fenn, Donald George - - - - - - 1950
Field, Arthur Blackiston - - - - - 1942
Fisher, Robert Hilson - - - - - - 1942
Fitzgerald, Robert John - - - - - 1940
Flaherty, Howard Norman - - - - - 1947
Francis, Robert Leonard - - - - - 1950
Fraser, Wallace - - - - - - - - 1950
Frearson, Harold Thomas - - - - - 1939
Freeman, Colin Charles - - - - - 1944
Freeman, John Christian - - - - - 1943
Funder, Eileen Mary - - - - - - 1935
Gameau, John Lewis - - - - - - - 1936
Gartrell, Roger - - - - - - - - 1936
Gaunt, Norman William - - - - - 1934
Gilbert, Harold William - - - - - 1947
Gillespie, Keith Herbert - - - - - 1939
Gould, Ashton Noye - - - - - - 1938
Grove, William Murray - - - - - 1939
Cryst, Helen - - - - - - - - - 1948
Gryst, Peter Mervyn - - - - - - 1943
Guthrie, John Vincent - - - - - - 1948
Gwynne, Robert Frank - - - - - - 1935
Hall, Thelma Dorothy - - - - - - 1937
Hammat, Edwin Laurence - - - - - 1948
Hardwick, Bernice - - - - - - - 1949
Hardy, Stuart Edward - - - - - - 1936
Hearn, Walter Joseph - - - - - - 1945
Hemmings, Thomas Prior - - - - - 1945
Hennessy, Claude Harold - - - - - 1940
Hession, John Eric Martin - - - - - 1941
Hibble, Ross Ernest - - - - - - - 1950
Higgins, Gordon Leslie - - - - - - 1949
Hill, Dudley Clarke - - - - - - - 1950
Hosking, Allen Edwin - - - - - - 1934
Hulbert, Russell George - - - - - 1938
Hutchins, Ross - - - - - - - - - 1942
Huxtable, Colin Stanley - - - - - 1948
Huxtable, Kenneth Clarence George - 1949
Jens, Percival Lancelot - - - - - 1938
John, Clarence Gilmore - - - - - 1948
Johnson, John Kenneth - - - - - - 1950
Johnson, Keith Douglas - - - - - - 1941
Johnson, Leonard - - - - - - - - 1945
Johnston, Edwin John McCallum - - 1938
Jolly, Norman Dickson - - - - - - 1939
Jones, Douglas Perry - - - - - - 1950
Justin, John Herbert - - - - - - - 1942
Kain, Coleman Lawrence - - - - - 1938
Keipert, Paul Howard - - - - - - 1942
Kimber, Hubert Thomas - - - - - 1937
Kinsley, John Vere - - - - - - - 1938
Kirby, David Bevan - - - - - - - 1940
Knightley, Harold Alan - - - - - 1948
Knill, Douglas William - - - - - 1940
Laffer, Mildred Emily - - - - - - 1935
Lalor, William Brian - - - - - - 1935
Larwood, Patricia Myrtle - - - - - 1947
Lawton, Brian Eley - - - - - - - 1949
Leak, Weston Hugh - - - - - - - 1939
Lean, Albert Gordon - - - - - - 1938
Lean, Keturah Victoria - - - - - - 1935
Lenthal, Douglas Lionel - - - - - 1936
Lewis, Loulie Maxine - - - - - - 1949
Lock, Peter Bayard - - - - - - - 1943
Lovell, Barbara Jean - - - - - - 1948
Lower, Rupert Alexander - - - - - 1940
McNeil, Keith Albert - - - - - - 1950
MacRae, George Brown - - - - - - 1933
Makin, Harry Arnold - - - - - - 1942
Malpas, Cecil Egerton - - - - - - 1945
Manning, Lancelot Henry - - - - - 1934
Manton, Jack Hudson - - - - - - 1934
Martin, Adeline Zoe - - - - - - - 1934
Martindale, Aileen Francis - - - - - 1948
Martindale, Edward John - - - - - 1947
Marshall, Alfred George Robert - - - 1939
Matthews, Maurice John - - - - - - 1935
McCarthy, Roderick Charles - - - - 1936
Measday, John Cleveland - - - - - 1943
Michaels, Donald Ernest - - - - - 1941
Mildren, Brian Frederick - - - - - 1944
Miller, Heather Joyce - - - - - - 1948
Miller, Robert Lionel - - - - - - 1938
Mitchell, Donald Graham - - - - - 1944
Mosel, Donald - - - - - - - - - 1945
Mugg, Gordon Murrie - - - - - - - 1940
Newbery, Betty Hilda - - - - - - 1947
Newbery, Donald Ernest - - - - - 1944
Newbery, John Henry Edward - - - 1947
Newson, Clarence Alfred - - - - - 1941
Nicholas, Cecil David - - - - - - 1941
Nicholls, Brian Charles - - - - - 1949
Norman, Alfred James - - - - - - 1935
Odgers, Murray Grenfall - - - - - 1938
Offe, Garth Ian Hamilton - - - - - 1940
Ongley, John Henry Albert - - - - 1936
O'Reilly, Dominic Patrick John - - - 1941
Parker, Rex Carleton - - - - - - 1934
Patrick, Reginald Ross - - - - - 1942
Patterson, Ronald Thomas - - - - 1939
Peek, Donald Harvey - - - - - - 1947
Physick, William Alick - - - - - 1940
Porter, Kenneth Symes - - - - - 1935
Priess, Richard John - - - - - - 1941
Pritchard, Helen Bessie - - - - - 1948
Purches, John Alfred - - - - - - 1947
Ramsay, Douglas - - - - - - - - 1934
Ramsey, Colin Bruce - - - - - - 1950
Ramsey, Mollie Aileen - - - - - - 1942

Randell, William Richard - - - - - - 1940
Rankine, Ian Jeffry - - - - - - - 1942
Rauth, William Heseltine - - - - - 1941
Reid, Betty Lorna - - - - - - - 1949
Retallick, Gladys Yvonne Joan - - - 1943
Rice, William Frederick - - - - - 1934
Richardson, Jack McPherson - - - 1937
Robinson, Murray Gilbert - - - - - 1947
Rohlfing, Kenneth Malcolm - - - - 1948
Rohrig, D'Arcy Clayton - - - - - 1941
Rolfe, Thomas John - - - - - - 1936
Rowe, Gordon Thomas - - - - - - 1948
Rowe, John Crawford - - - - - - 1950
Russell, Alan Alexander - - - - - 1947
Russell, Norman - - - - - - - 1950
Ryan, Molly Hazel - - - - - - - 1942
Ryder, John Bernard - - - - - - 1943
Salman, Harry William - - - - - 1934
Schultz, Francis John - - - - - - 1940
Scrivener, Desmond Arthur - - - - 1950
Shapter, William Evan - - - - - 1944
Shepherd, Peter - - - - - - - 1940
Shetliffe, Reginald George - - - - 1936
Siggins, Ronald Hewitt - - - - - 1938
Sleep, Frank Ronald - - - - - - 1945
Smith, Graham Reginald - - - - - 1934
Smith, Mervyn Keith - - - - - - 1939
Smylie, Gordon McInnes - - - - - 1940
Smyth, Neil Lawrence - - - - - - 1950
Sorrell, Leonard Martin - - - - - 1942
Southam, Sydney Anthony - - - - 1950
Spafford, Rex Netherton - - - - - 1939
Stain, John Wright - - - - - - 1939
Statton, Bruce Arthur - - - - - - 1943
Streicher, Francis Mannix - - - - - 1942
Stuckey, Mary Hill - - - - - - - 1942
Swan, Joyce Charlotte - - - - - - 1942
Talbot, Allan Benjamin - - - - - - 1940
Taylor, Ray Athol - - - - - - - 1949
Taylor, Ronald Norman - - - - - - 1947
Taylor, William Thomas - - - - - 1936
Thompson, Eric James - - - - - - 1935
Tiver, Lloyd Charles - - - - - - 1937
Tonkin, Peter Richard - - - - - - 1942
Trevelyan, Denys Murray - - - - - 1948
Tulloch, Roger James - - - - - - 1949
Upton, James Harold Charles Hughes - 1938
Venning, Claude Meadows - - - - - 1940
von Doussa, Kathleen Gwendoline - - 1949
Walker, Leonard Frank - - - - - - 1936
Walker, Raymond Charles - - - - - 1943
Wall, Kenneth - - - - - - - - 1936
Walsh, Afton Peter - - - - - - - 1937
Walsh, Zeta Mary - - - - - - - - 1934
Ward, Clyde Hedley Charles - - - - 1948
Ware, John Brian - - - - - - - - 1950
Warnecke, Drennan Paul - - - - - 1949
Watson, John Myers - - - - - - - 1949
Watts, John William - - - - - - - 1938
Wauchope, Alan Wylie - - - - - - 1941
Webb, Donald Ralph - - - - - - - 1943
Wellington, Nancy Catherine - - - - 1944
Wheaton, Frank Hurtle Pengelley - - 1948
Wheeler, Eric Henry - - - - - - - 1942
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White, John Carew - - - - - - - 1940
White, John Matthews - - - - - - 1941
Wickes, Ronald John - - - - - - - 1941
Wigley, Tom Joseph - - - - - - - 1934
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Zander, Frank Howard - - - - - - 1941

ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith - - - - - - - - - 1950
Angove, Margaret Carlyon - - - - - 1942
Ashbolt, Winifred Joy - - - - - - 1948
Astley, Joyce Mary - - - - - - - 1947
Bails, Ruth - - - - - - - - - 1943
Baker, Mary Elizabeth - - - - - - 1947
Ball, Iris Marguerite May - - - - - 1949
Bates, Nancy Patricia - - - - - - 1947
Bayer, Josephine Kent - - - - - - 1944
Benjamin, Eric - - - - - - - - 1949
Bidwell, Dorothy Gwendoline - - - - 1949
Bosworth, Catherine Jean - - - - - 1947
Bowen, Suzanne Joan - - - - - - 1944
Buckley, Hannah - - - - - - - - 1942
Burnett, Ronda June - - - - - - 1949
Burns, Margaret Ternouth - - - - - 1945
Carthew, Margaret - - - - - - - 1948
Cavalier, Elizabeth Mary - - - - - 1944
Clark, Caroline Emily - - - - - - 1949
Clarke, Walter Frederick - - - - - 1950
Clegg, Donald Stanley George - - - 1950
Cleland, Pamela Mary - - - - - - 1949
Clucas, Gwendoline Ivy - - - - - 1944
Cornish, Mary Esther - - - - - - 1947
Crook, Marjorie Marion, B.A. - - - 1948
Crosby, Heather Bembrick - - - - - 1945
Crouch, Lilian Rubena - - - - - - 1948
†Davis, Phyllis Evelyn Eva (1941) - - 1942
Dobson, Lesbia Constance Alma - - 1947
Douglas, Christine Gordon - - - - 1948
Dow, Anne Eleanor - - - - - - - 1949
Ellis, Joan Mary - - - - - - - - 1950
Featherstone, Dora Bewley, B.A. - - 1942
Flett, Phyllis Margaret - - - - - - 1948
Forrest, Ida Jean - - - - - - - - 1949
Fox, Alison Frances - - - - - - - 1947
Fry, Roma Kathleen - - - - - - - 1947
Gault, Yolande Mary - - - - - - - 1949
Gow, Alwyn Mona King - - - - - - 1950
Griffith, Elsie Mervyn - - - - - - 1948
Halls, Christobel Heather Susannah - 1949
Hambidge, Margaret Cecile, B.A. - - 1942
Harris, Cyril Eric McGillivray - - - 1949
Haslam, Anne - - - - - - - - - 1947
†Haste, Ada Louise (1941) - - - - - 1942
Hayter, Joan Nelson - - - - - - - 1948
Heffernan, Helen Margaret - - - - 1949
Helman, Eve - - - - - - - - - 1947
Henderson, Barbara - - - - - - - 1947
Hicks, Elizabeth Joan - - - - - - 1950
Hill, Josephine Margery - - - - - - 1950
Hogben, Elizabeth Cole - - - - - - 1948
Hope, Marjory Frances - - - - - - 1947
Hunter, Geoffrey Norman - - - - - 1950
†Hunwick, Maureen Mary (1938) - - - 1942
Hutchinson, Yvonne Francis - - - - 1949
Jackson, Iris Ellen - - - - - - - 1949
Jacobs, Eleanor Caroline - - - - - 1944
James, Helen Margaret, B.A. - - - - 1943
Jenkins, Merle Nona - - - - - - - 1950
Johnson, Marjorie Lisle - - - - - - 1947
Jones, Albert Richard - - - - - - 1949
Kay, Franziska Clara - - - - - - 1948
Kempe, Merridy Henderson - - - - 1948
Kerr, Olwyn Gertrude - - - - - - 1948
Lean, Shirley Doris - - - - - - - 1949
LeCornu, Barbara Joy - - - - - - 1949
Lewis, Ruth Pamela - - - - - - - 1949
Liston, Doreen Bice - - - - - - - 1950
Lorking, Diana Pauline Elizabeth - - 1950
Lovibond, Sydney Harold - - - - - 1949
†McDonald, Jessie Angus (1939) - - - 1942
†McIntosh, Florence Mary (1938) - - - 1942
McGlaughlin, Helen - - - - - - - 1948
†McKail, Mary Boyer (1938) - - - - 1942
MacKay, Annette Frances - - - - - 1942
Macklin, Nancy Marie (1940) - - - - 1942
MacLennan, Flora Joy - - - - - - 1942
†Marcus, Patricia Langman (1938) - - 1942
Mathews, Rita Clarice - - - - - - 1948
Matters, Barbara Frances - - - - - 1948
†Mengerson, Margaret (1939) - - - - 1942
Mercer, David Jeffrey - - - - - - 1948
Michell, Aithnah Howard - - - - - 1950
Nairn, Phyllis - - - - - - - - - 1948
Nankivell, Diane - - - - - - - - 1948
†Paine, Helen, B.A. (1940) - - - - 1942
Paine, Janet, B.A. - - - - - - - - 1949
Parker, Thelma Margaret - - - - - 1948
Plunkett, Margaret Elizabeth - - - 1948
Porter, Vincentia Margaret - - - - 1949
†Prince, Beryl Lloyd (1940) - - - - 1942
Reed, Margaret Kathleen - - - - - 1942
Roberts, Barbara June - - - - - - 1950

Roberts, Luke Vincent - - - - - - 1949
Russell, Brenda Amanda - - - - - 1949
Salter, Amy Vivien Fulton - - - - - 1945
Sandford, Patricia Mary - - - - - 1947
Sandford-Morgan, Rosemary Linton - 1949
Schmidt, Thekla Naomi - - - - - 1947
Shaw, Margaret Pointon - - - - - 1945
Silk, Beatrice Mary Mounsey - - - 1945
Simes, Maysie Hall - - - - - - 1948
Smith, Graham Frank - - - - - 1948
†Slade, James Francis (1939) - - - - 1942
Sobey, Iris Beatrice, B.A. - - - - 1947
†Stanton, Anne (1940) - - - - - 1942
Stephen, Winifred Grace - - - - - 1947
Stevenson, Margaret - - - - - - 1947
Stock, Colin Rendle - - - - - - 1949
Streicher, Joan Patricia - - - - - 1950
Sugg, Madge - - - - - - - 1947
†Sullivan, Margaret Rendle (1941) - - 1942
Tai, Marlene - - - - - - - - - 1945
Tarbath, John David - - - - - - - 1950
Teate, Elizabeth - - - - - - - 1950
Thomson, Joanna Roberta - - - - - 1947
Thomson, Reginald - - - - - - - 1949
Tipping, Barbara Gertrude - - - - - 1944
Trotter, Eileen Mary - - - - - - 1947
van Raalte, Winifred - - - - - - 1947
Walters, Margaret Ward - - - - - 1947
Warnest, Jean Alice - - - - - - 1949
Waters, Lesley Brenda - - - - - - 1947
Waterman, Collette - - - - - - - 1944
Whitehead, Millicent Alma - - - - 1949
Wicks, Nancy Elizabeth - - - - - 1947
Wilmot, Edith French, B.Sc. - - - - 1944
Wilson, Shirley Cameron - - - - - 1950
Winter, Lewis Walter - - - - - - 1948
†Woods, Irene Constance (1938) - - 1942

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

ASSOCIATES IN PHYSIOTHERAPY

Appleby, Dorothy Dawn - - - - - 1950
Begg, Jenny Isobel - - - - - - 1949
Biven, Mabel Audrey - - - - - - 1947
Branson, June Maxine - - - - - - 1948
Clark, Genevieve Mary - - - - - - 1950
Collins, Doreen - - - - - - - 1946
Colliver, Judith Mary - - - - - - 1947
Copley, Fay Muriel - - - - - - - 1948
Crowe, Helen Katherine Margaret - - 1948
Donaldson, Robert Gordon - - - - - 1948
Dow, Diana Caroline Sandland - - - 1947
Fielder, Ethel Kathleen - - - - - 1948
FitzPatrick, Eril Margaret - - - - - 1950
Fricker, Muriel Vera - - - - - - 1948
Gault, Averil Margaret - - - - - 1949
Gray, Janet Lesley - - - - - - 1950
Hannaford, Claire Anne - - - - - 1949
Hardy, Barbara Mansell - - - - - 1946
Heysen, June - - - - - - - - 1948
Holder, Charlotte Ruth - - - - - 1949
Jay, Judith Helena - - - - - - 1947
Jennings, Jill Gellibrand - - - - - 1947
Job, Kathleen - - - - - - - - 1950
Johns, Gordon James - - - - - - 1946
Jones, Alison Mary Herbert - - - - 1948
Kelly, Francis Simeon - - - - - 1949
Kinsman, Alison Joan - - - - - - 1949
Lake, Joan - - - - - - - - 1946
Laver, Dorothy Margaret - - - - - 1948
Mackie, Margaret Irene - - - - - 1950
Maloney, Patricia Kathleen - - - - 1950
McElroy, Margaret Joyce - - - - - 1950
McPhee, Aileen Tempe - - - - - 1949
Maitland, Geoffrey Douglas - - - - 1949
Marshman, Margaret Felstead - - - 1946
Meyer, Rigmor Stewart - - - - - 1948
Mitchell, Dorothy Christine - - - - 1948
Moore, Margaret Suzanne Alice - - - 1945
Morley, Mary Elizabeth - - - - - 1946
Morris, Suzanne Beatrice - - - - - 1949
Newton, Margaret Betty - - - - - 1950
Paige, Maxwell John - - - - - - 1949
Phillipps, Margaret Jean - - - - - 1945
Plush, Lesley Margaret - - - - - 1949
Preston, Pauline Rowland - - - - - 1949
Rischbieth, Anne Helen - - - - - 1950
Roach, Valerie Eyre - - - - - - 1949
Robertson, Mary Douglas - - - - - 1947
Rofe, Margaret Jean - - - - - - 1950
Ross, Susan Mary - - - - - - - 1947
Rzeszkowski, Lois Morna - - - - - 1946
Salmon, Margaret Besley - - - - - 1945
Sims, Enid Helen - - - - - - - 1950
Smith, Elaine Lockhart - - - - - 1946
Waddell, Margaret Jean - - - - - 1945
Wicks, Claire Hampton - - - - - 1947
Wylde, Annette Eustace - - - - - 1947

ASSOCIATES IN ARTS AND EDUCATION

Andrews, David Francis William - - 1948
Armitage, Bessie Eleanor Mildred - - 1949
Ashton, Walter Ray - - - - - - 1950
Baird, Rachel Mary - - - - - - 1949
Baker, Harvey Laurence - - - - - 1950
Baxter, Ladislus Edward - - - - - 1949
Bayly, Elizabeth - - - - - - - 1948
Bennett, Henry Russell - - - - - 1948
Bourne, Margaret Cornelius - - - - 1949
Bowler, Mary - - - - - - - - 1949
Bown, Henry Theobald - - - - - - 1949
Braham, Henry Arnold Collyer - - - 1949
Brideson, Colin Herbert - - - - - 1950
Buick, William George - - - - - 1950
Burgan, Owen Sylvester - - - - - 1948
Burnard, Charles Robert - - - - - 1948
Burns, Esther - - - - - - - - 1948
Butler, Francis James - - - - - - 1948
Campbell, Barbara - - - - - - - 1950
Carmichael, Donald Ross - - - - - 1949
Cavenett, Horace Clifford - - - - 1948
Charlesworth, George Harvey - - - 1950
Clarke, Margaret Anne - - - - - 1948
Clarke, Ruth Mary - - - - - - - 1949
Considine, Thomas John - - - - - 1950
Coppock, Alfred Arthur - - - - - 1950
Cousins, Georgena Millicent - - - - 1949
Daenke, Eric - - - - - - - - 1948
Dahl, James Oliver - - - - - - - 1949
Darby, Ruth Mary - - - - - - - 1949
Davies, David William - - - - - - 1950
Davis, Brian - - - - - - - - - 1949
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Delsar, Frederick William - - - - - 1949
Dempster, Donald - - - - - - - 1949
Dunstan, Arnold Edward Stanton - - 1948
Dyster, Thomas - - - - - - - - 1949
Edwardes, Arthur Diedrich - - - - 1950
Evans, Ben Owen - - - - - - - - 1950
Ey, Sheila Margaret - - - - - - - 1950
Farrow, Robert Murray - - - - - - 1950
Fergusson, George Robert - - - - - 1948
Fitch, Nancy Jean - - - - - - - - 1949
Fitzgerald, Clarence Lindsay - - - - 1949
Foweraker, Alma Muriel - - - - - - 1950
Gibbs, Alfred Lewis Burnand - - - - 1948
Glynn-Roe, Wilfrid Joseph - - - - - 1948
Golding, Edmond William - - - - - 1949
Green, Ian Edward Charles - - - - - 1949
Guerin, Robert - - - - - - - - 1950
Hakendorf, Hansie St. Clair - - - - 1950
Hall, Clifford Thomas Robert - - - - 1950
Harrip, Elva Ray - - - - - - - - 1950
Harrison, Ruth Olive - - - - - - - 1950
Hart, Arthur Philip Clarendon - - - 1948
Hastwell, Nita Claire - - - - - - - 1948
Hecker, Coral Gladys - - - - - - - 1950
Howell, William Ewart - - - - - - 1950
Humphries, Arthur Cecil George - - - 1950
Hussey, Francis Leitch - - - - - - 1950

Hutson, Walter William - - - - - 1948
James, Richard Cecil - - - - - - 1949
Jenkins, Merle Nona - - - - - - 1950
Jeffs, Kathleen Ellinor - - - - - 1948
Judd, James - - - - - - - - - 1950
Kealley, Frank Shenstone - - - - - 1948
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Kimber, William Harold - - - - - 1948
Kissell, Thomas Alfred - - - - - 1950
Lamborne, Maxwell Addison - - - 1949
Langsford, Irene Eltham - - - - 1949
Lock, Dorothy Marie Jeanne - - - 1950
Love, Robert Stewart - - - - - - 1948
McDonald, William George Harlowe - 1948
McElroy, Anthony Godfrey - - - - 1949
McLay, Andrew Harold - - - - - 1950
McLeod, Murray Robert Love - - - 1949
McKenzie, Hector Malcolm - - - - 1948
McRostie, Keith Henry - - - - - 1950
Maple, Alexander Montrose - - - - 1948
Martin, John William - - - - - - 1950
Masters, John Clive - - - - - - 1949
Michelmore, Roland Symons - - - - 1948
Milway, Russell Henry Oliver - - - 1949
Mulraney, Leslie Patrick - - - - - 1950
Murchland, Mildred Emily - - - - 1949
Natt, Geoffrey - - - - - - - - 1950
Noon, David Lyon - - - - - - - 1948
Norton, Mary Alice - - - - - - 1949
Oborn, Herbert Russell - - - - - 1948
O'Leary, Patricia - - - - - - - 1950
O'Neill, Marguerite - - - - - - 1948
Paice, William Osborne - - - - - 1950
Palmer, Rachel Dawn - - - - - - 1950
Parkes, Roy Frederick Walter - - - 1948
Patterson, Frank Brenton - - - - 1948
Peake, Archibald John - - - - - 1950
Pearce, Alfred Moreton - - - - - 1949
Pennicott, Ralph William - - - - 1948
Phillips, Ronald Osborn - - - - - 1950
Polkinghorne, Heather Mary - - - 1949

Quigley, Francis James Leo - - - - - 1950
Read, Clarence Percy - - - - - - 1949
Redstone, Frank - - - - - - - - 1949
Reincke, Kevin - - - - - - - - - 1950
Richards, Mary Elizabeth - - - - - 1948
Roberts, Owen David - - - - - - 1949
Rooney, Kathleen - - - - - - - - 1948
Rowe, Rex Norman - - - - - - - 1950
Rowell, George Douglas Fairbairn - - 1949
Ruediger, Malcolm Milton - - - - 1950
Sage, Harold Robert - - - - - - - 1950
Sando, Clarice Melva - - - - - - 1950
Smale, Thomas Charles - - - - - - 1949
Smith, Constance Ethel - - - - - 1950
Smith, Ivan Ford - - - - - - - - 1949
Smith, John Henry - - - - - - - 1950
Smith, Reginald John Wayne - - - 1950
Smith, Sylvester - - - - - - - - - 1948
Sykes, Helen Marian - - - - - - - 1949
Tabor, Barbara - - - - - - - - - 1950
Taylor, Beatrice May - - - - - - 1948
Taylor, Douglas McLeod - - - - - 1950
Theobald, Howard Wesley - - - - 1948
Tindall, Mildred Florence - - - - 1950
Torr, Alison Ruth - - - - - - - - 1950
Travers, Thomas Edward - - - - - 1948
Trudinger, June Stirling - - - - - 1949
Twartz, Clement Wilford - - - - - 1948
Vaughan, Matthew Ferdinand - - - 1950
Vogelsang, Arthur Ernst - - - - - 1950
Wachtel, Heinrich Lenhart - - - - 1948
Wallace, Francis Joseph - - - - - 1948
Wellington, Douglas Erwin - - - - 1950
West, George Graham - - - - - - 1948
Wilkinson, Stewart Rex - - - - - 1948
Williams, Ruth Jacqueline - - - - 1949
Williamson, Beth England - - - - 1949
Wilson, Francis Patrick - - - - - 1948
Wilson, Gwendolyn Moore - - - - 1950
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XXXII.	Infectious Diseases.
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XXXIV.	Of The John Bagot Scholarship and Medal for Botany.
XXXV.	Of The Bundey Prize for English Verse.
XXXVI.	Of the John Creswell Scholarships.
XXXVII.	Of The Alexander Clark Memorial Prize.
XXXVIII.	Of The Lister Prize.
XXXIX.	Of The John Lorenzo Young Scholarship and The John L. Young Scholarship for Research.
XL.	Of the Dr. Chas. Gosse Lectureship and Medal in Ophthalmology.
XLI.	Of the Eugene Alderman Scholarships.
XLII.	Of the A. M. Simpson Library in Aeronautics.

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

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

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

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

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

Chapter II.—Of the Council.

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

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

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

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

Chapter III.—Of the Senate.

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

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

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

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

* Allowed 2nd December, 1926.

Chapter IV.—Of Professors and Lecturers.

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

(1) The Hughes Professor of Classics and Comparative Philology and Literature;

(2) The Hughes Professor of English Language and Literature and Mental and Moral Philosophy;

(3) The Elder Professor of Pure and Applied Mathematics;

(4) The Elder Professor of Physics;

(5) The Elder Professor of Anatomy and Histology, who shall also give instruction in Comparative Anatomy, and shall be the Director of the Anatomical Museum;

(6) The Angas Professor of Chemistry;

(7) The Elder Professor of Music;

(8) The Bonython Professor of Laws;

(9) The Professor of Biochemistry and General Physiology;

‡(10) The Professor of History and Political Science;

§(11) The Professor of Civil Engineering;

(12) The Professor of Botany;

(13) The Marks Professor of Pathology;

(14) The Professor of Geology and Mineralogy;

(15) The Jury Professor of English Language and Literature;

(16) The Professor of Zoology;

†(17) The Waite Professor of Agronomy;

(18) The Waite Professor of Agricultural Chemistry;

(19) The Professor of Human Physiology and Pharmacology;

(20) The Professor of Economics;

(21) The Waite Professor of Entomology;

‡(22) The Professor of Mining, Metallurgical and Chemical Engineering;

(23) The Keith Sheridan Professor of Experimental Medicine;

(24) The Professor of Bacteriology;

¶(25) The Professor of French Language and Literature;

§(26) The Professor of Mechanical Engineering;

§(27) The Professor of Electrical Engineering;

‡(28) The Professor of Economic Geology.

* Allowed 8th December, 1938. † Amended 11th December, 1941.
‡ Amended 8th December, 1949. § Allowed 23rd January, 1947.
¶ Allowed 9th December, 1943.

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. § Allowed 23rd January, 1947.

† Allowed 16th December, 1948.

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

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 at its discretion grant to any Professor or Lecturer, or any officer of the University, leave of absence for any time not exceeding one year, and may require such Professor or Lecturer or other officer to nominate a substitute for approval.

Allowed 10th December, 1925.

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. Fees should be paid at the time of enrolment; if not paid then they must be paid not later than the first day of term, unless the Council in special circumstances allow payment to be postponed till a later date.

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

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.

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

5. The Board shall consist of the Vice-Chancellor and the Deans of the above Faculties. It shall receive applications from candidates (a) who have attained the age of seventeen years and have passed in not fewer than three subjects of the Leaving Certificate Examination at one time; or (b) who present other evidence that they are qualified to enter on a course of study for the degree of Bachelor; or (c) who are over the age of twenty-five years. The Board shall recommend to the Council the conditions, if any, under which such candidates may be admitted to matriculation.

**6. Subject to the Statutes and Regulations of the University a candidate for the degree of Bachelor who has become a matriculated student of the University shall be entitled to proceed with his course of study in the Faculty selected by him.

†7. If in any academical year the number of matriculated students who apply to begin a course of study in any Faculty, is in the opinion of the Faculty greater than can be taught, the Council may thereupon 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.
|| Allowed 11th December, 1941.
** Allowed 14th December, 1950.
° Allowed 5th December, 1940.
‡ Amended 16th December, 1948.
Allowed 6th December, 1922.

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

Chapter X.—Of the Faculties.

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

2. ¶(a) The Faculty of Arts shall consist of the Chancellor and Vice-Chancellor, the Professors of Classics, History, Philosophy, English Language and Literature, and Mathematics; Lecturers in full control of any Arts subject; any other teachers in Arts subjects whom the Faculty may from time to time suggest and the Council approve; and the Dean of the Faculty of Science, and, to be appointed annually by the Council, three members of the Council, and one member, or if the Professor of Mathematics be Dean, then two members of the Faculty of Science.

†(b) The Faculty of Law shall consist of the Chancellor and Vice-Chancellor, of all members of the Council who are Judges of the Supreme Court, the Professors and Lecturers in Law, the Professor of Classics, and the Dean of the Faculty of Arts, and, to be appointed annually by the Council, three members of the Council, and one member, or if the Professor of Classics be Dean, then two members of the Faculty of Arts.

‡(c) The Faculty of Music shall consist of the Chancellor, the Vice-Chancellor, the Elder Professor of Music, the Professor of Physics, and, to be appointed annually by the Council, six teachers of the Elder Conservatorium, and three members of the Council.

§(d) The Faculty of Engineering shall consist of the Chancellor, the Vice-Chancellor, the President and the Principal of the South Australian School of Mines and Industries, the Professors of Mathematics, Physics, Chemistry, Civil Engineering, Electrical Engineering, Mechanical Engineering, and Mining and Metallurgy, and such lecturers in the principal subjects for the degree, whether at the University or at the School of Mines, as the Council may appoint.

(e) Each of the other Faculties shall consist of the Chancellor and Vice-Chancellor, the Professors and Lecturers in the subjects of the Course of the Faculty, and to be appointed annually by the Council, three other members of the Council.

(f) The Council may appoint any other persons to be members of a Faculty, either temporarily or otherwise.

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

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

5. 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:

* Allowed 3rd January, 1929, and amended 15th December, 1937.
¶ Allowed 6th December, 1923. † Allowed 7th December, 1904.
‡ Allowed 10th December, 1919. § Allowed 10th July, 1947.

(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.

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

Board of Examiners.

7. 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.

8. 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.

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.

*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:

* Allowed 8th December, 1938.

Form of Presentation for Students of the University of Adelaide.

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

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

Form of Presentation for Graduates of Other Universities.

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

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

Form of Admisison to any Degree.

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

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

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

Allowed 2nd December, 1926.

Chapter XII.—Of the Board of Discipline.

1. There shall be a Board of Discipline, consisting of the Chancellor, the Vice-Chancellor, the Deans of the several Faculties, 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, 1888, 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.

‡ Allowed 23rd January, 1947.

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

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

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

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

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

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

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 XVIb.—Of The Eric Smith Scholarship.

Whereas in the year 1879 the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) paid to the University the sum of £150 for the purpose of establishing the scholarship hitherto known as The Commercial Travellers' Association Scholarship; and whereas, through the liberality of Sir Edwin Smith, the Association has been enabled to pay to the University the further sum of £500 for the purpose of extending the benefits conferred by the scholarship, and has requested the University to change the name of the scholarship to The Eric Smith Scholarship, in memory of Lieutenant Eric Wilkes Smith, a grandson of Sir Edwin, who was mortally wounded in the attack upon the Dardanelles on April 25, 1915: Now it is hereby provided as follows:

1. A scholarship, to be called The Eric Smith Scholarship, shall be awarded by the University on the nomination of the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

2. The scholar must, prior to the award, have satisfied the requirements of the University for entrance upon the degree course which he proposes to take at the University.

3. The scholar shall be exempt from all University fees, including the fees payable on taking the degree, in the course of study he selects.

4. The scholar shall be in all respects subject to the discipline and to the statutes and regulations for the time being, of the University.

5. Save by permission of the Council of the University, the scholar shall not retain the scholarship for a longer period than that reasonably required in the opinion of the Council for proceeding to the degree in the course selected.

6. The Association may at any time, with the permission of the Council of the University, substitute another student for the then holder of the scholarship, and the privileges of the then holder shall thereupon be at an end.

7. The University shall pay the fees at the 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 ceremonials of the University, graduates and undergraduates shall appear in academic dress.

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

3. The academic dress for graduates shall be:—

GOWNS.

(a) *For Bachelors*: of black stuff or silk and of the same style as used at Cambridge for the degree of Bachelor of Arts.

(b) *For Masters*: of black cloth or silk and of the same style as used at Cambridge for the degree of Master of Arts.

(c) *For Doctors of Philosophy*: of black cloth or silk faced with scarlet, and of the same style as used at Cambridge for the degree of Doctor of Philosophy.

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

HOODS.

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

(b) *For Masters*: of black silk and entirely lined with silk of the colour of the Faculty.

(c) *For Doctors of Philosophy*: of black silk entirely lined with scarlet.

(d) *For Doctors* (other than of Philosophy): of scarlet cloth and entirely lined with silk of the colour of the Faculty.

(e) In each case the shape shall be that used at Cambridge.

(f) In each Faculty the colour of the lining shall be uniform for the degrees of Bachelor, Master, and Doctor.

(g) The colour of the lining in the several Faculties shall be, in accordance with the specimens given in Ridgway's *Colour Standards and Nomenclature*, as follows:—

(i) Law--Sky Blue (Plate XX).

(ii) Medicine—Eosine Pink (Plate I).

(iii) Surgery—Eosine Pink (Plate I).

(iv) Dental Surgery—Salmon Colour (Plate XIV).

(v) Arts—Pale Violet Gray (Plate LII).

(vi) Science—Primuline Yellow (Plate XVI).

(vii) Agricultural Science—Orange Chrome (Plate II).

(viii) Engineering—Purple (True) (Plate XI).

(ix) Music—Cendre Green (Plate VI).

(x) Economics—Helvetia Blue (Plate IX).

CAPS.

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

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

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

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

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

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

Allowed 8th December, 1949.

Chapter XIX.—Saving Clause and Repeal.

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

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

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

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

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

Provided that—

1. This repeal shall not affect—

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

(b) Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed; or

(c) The validity of any order or regulation made under any statute or regulation hereby repealed; and

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

Allowed 18th December, 1886.

Chapter XX.—Of The Roby Fletcher Prize.

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

The Roby Fletcher prize shall be £10 and shall be awarded annually to the best student in Psychology, as prescribed for the degree of Bachelor of Arts, provided he is of sufficient merit.

Allowed 7th December, 1939.

Chapter XXI.—Of The Dr. Davies-Thomas Scholarships.

Whereas Mrs. Davies-Thomas has given the sum of £400‡ for the present purpose of founding two scholarships to be called after the late Dr. Davies-Thomas, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof 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 13th December, 1917.
† Allowed 7th December, 1927.
§ 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.

Chapter XXIX.—Of the Affiliation of Roseworthy Agricultural College.

Whereas application has been made by the Governing Body of Roseworthy Agricultural College for affiliation to the University, it is hereby provided that—

1. The Roseworthy Agricultural College is affiliated to the University of Adelaide.

*2. The Council of the University, on the recommendation of the Faculty of Agricultural Science, may exempt students who have attended courses of instruction and passed examinations of the said College from attendance at lectures, and from examinations, in the corresponding subjects of the course for the degree of Bachelor of Agricultural Science.

* Allowed 3rd January, 1929. Allowed 7th December, 1905.

Chapter XXX.—Of The Tinline Scholarship.

Whereas George John Robert Murray, a member of the Council of this University, has paid to the University the sum of one thousand pounds for the purpose of founding with the income thereof a scholarship in memory of the family of his mother, to be called The Tinline Scholarship: Now it is hereby provided as follows:

1. The Tinline Scholarship shall be available for award every year.

2. Subject to the provisions of clauses 6 and 7, the scholarship shall be awarded each year to the candidate placed highest in the final examination for the honours degree of Bachelor of Arts in the School of Political Science and History. If any candidate who has been awarded the scholarship decline it, the scholarship shall then be awarded to the candidate placed next in order of merit in the examination referred to above.

3. If in any year there be no award of the scholarship under clause 2, the scholarship for that year may be awarded to a candidate who in that year has obtained honours in the final examination for the honours degree of Bachelor of Arts in a combined school which included work in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute.

4. If in any year there be no award of the scholarship under clauses 2 and 3 the scholarship for that year may be awarded to a candidate who has qualified to enter upon the final year's work for the Honours degree of Bachelor of Arts in the School of Political Science and History. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have passed the final examination for the Honours degree of Bachelor of Arts in the School of Political Science and History.

5. If in any year there be no award of the scholarship under clauses 2, 3 and 4, the scholarship for that year may be awarded to a candidate for the Ordinary degree of Bachelor of Arts who has completed at least three courses in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute and of regulation 2 of the degree of Master of Arts. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have complied with the requirements of regulation 2 of the degree of Master of Arts.

6. The scholarship shall not be awarded to the same person more than once.

7. If in any year there be no candidate of sufficient merit, no award shall be made for that year; but there shall not, by reason of such lapse, be more than one award in the following year.

8. Each candidate awarded the scholarship shall proceed to the degree of Master of Arts in the School of Political Science and History by submission of a satisfactory thesis on a subject approved by the Faculty of Arts. The candidate must submit the subject of his thesis for approval by the Faculty not later than the first day of April following the award of the scholarship; and he must submit his thesis not later than the last day prescribed for the submission of theses for the degree of Master of Arts in the second year following that of the award, or at such later date as in special circumstances the Council may approve.

9. Each scholarship shall be of the total value of £60, payable in two instalments, each of £30. The first instalment shall be paid not sooner than the end of the sixth month after the date of award, provided that a satisfactory report of progress has been received from the Professor of Political Science and History, or from some other person approved by the Council. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts and the candidate has deposited an approved copy of it in the University library, the second instalment shall be paid and the candidate shall receive the title of Tinline Scholar.

10. A candidate for the scholarship shall be in all respects subject to the Statutes and Regulations for the time being of the University, and, if his conduct is not satisfactory, his tenure of the scholarship may be cancelled by the Council at any time.

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

Allowed 5th December, 1940.

Chapter XXXI.—Of the David Murray Scholarships.

Whereas the late David Murray has bequeathed the sum of £2,000 to the University of Adelaide for the purpose of founding scholarships, and whereas the said sum has been paid to the University to be used and administered by it in fulfilment of such intention, it is hereby provided as follows:—

1. The scholarships shall be called the David Murray Scholarships.

2. The purpose of the scholarships shall be to encourage advanced work and original investigation.

3. The sum of £25 may be awarded in each year by the Faculty of Arts, and by the Faculty of Laws, and in alternate years by the Faculty of Science and by the Faculty of Medicine.

4. The scholarships shall be awarded in accordance with conditions prepared by each Faculty and approved by the Council.

*5. If for any reason the full amount of £25 be not awarded in any year by any Faculty having the disposal of it, any amount so unawarded shall be disposed of as the Council shall determine.

6. The money shall be paid to the scholars at such time, and in such amounts, as the Council, upon the advice of the Faculties, shall determine.

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

* Allowed 7th December, 1927. Allowed 13th January, 1908.

Chapter XXXII.—Infectious Diseases.

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

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

Allowed 24th August, 1910.

Chapter XXXIII.—The Lowrie Scholarships.

Whereas an anonymous donor has paid to the University the sum of £500 for the purpose of providing scholarships for post-graduate research in Agriculture; and whereas it is the donor's wish that these should be called the Lowrie Scholarships, in recognition of the valuable services rendered to Agriculture by William Lowrie, formerly Professor of Agriculture at the Roseworthy College, and Director of Agriculture in South Australia; Now it is hereby provided as follows:

1. The University shall give in succession four scholarships, each of £150, and tenable for one year. Each of these shall be called a Lowrie Scholarship.

2. Candidates for a scholarship must have qualified for a degree of the University.

3. The scholarship shall be awarded in the month of December, on the recommendation of the Faculty of Science, to the best candidate, provided he is, in the opinion of the Faculty, of sufficient merit. Applications must be made in writing to the Registrar not later than the 1st day of December, and shall be accompanied by a statement of the subject upon which the applicant proposes to conduct his research. The Faculty shall, in making any recommendation, take into consideration the whole undergraduate course of the candidate, and shall attach special weight to any evidence of capacity for original research.

4. The Faculty, may, as an alternative, recommend that the then present holder shall receive another scholarship for the year following, or may, at its discretion, make no recommendation at all. In the latter case the scholarship shall lapse for a year, and the income for that year be added to the scholarship fund.

5. The holder of a scholarship shall, during his tenure of it, be styled the Lowrie Scholar.

6. The subject of research, which may be suggested by the scholar, or some other subject, having been approved by the Council on the recommendation of the Faculty of Science, the scholar shall diligently devote his whole time to the research, beginning not later than the 1st day of April following the award. He shall present a report of his work to the Council not later than the 31st day of March following, or such later date as the Council may allow. During this period the scholar shall not engage in any salaried work without having previously obtained the consent of the Council.

7. The scholar may at any time be called upon by the Council to give proof that he is devoting himself to his subject in such a manner as to further the ends for which the scholarship is awarded. In the absence of such proof, or of a satisfactory report of his work, the Council may deprive him of the scholarship, or may altogether withhold, or suspend for such a time as they may deem proper, the second and subsequent payments referred to in the next section hereof.

8. The sum of £150 shall be paid to the scholar in five sums of £30 each, payable thus: The first upon the 1st day of April following the award, the second upon the 1st day of July following, the third upon the 1st day of October following, the fourth upon the 1st day of January following, the fifth upon the presentation of the results of the research as provided by clause 6; provided as to the second and subsequent payments, that they shall not have been suspended or withheld, or the scholar deprived of his scholarship under section 7 hereof. In the cases last named the sum or sums so forfeited shall be dealt with in such manner as the Council may determine.

9. These Statutes may be modified or changed from time to time, but the name and the general object of the scholarships shall not be changed.

Allowed 10th August, 1916.

Chapter XXXIV.—Of The John Bagot Scholarship and Medal for Botany.

Whereas the University has received from Mrs. John Bagot the sum of £500 for the purpose of founding, in memory of her late husband, a scholarship and medal for Botany: It is hereby provided that—

1. A scholarship, to be called The John Bagot Scholarship, shall be awarded each year to the student placed first in an examination in Elementary Botany, provided that the student is adjudged to be of sufficient merit and has fulfilled the requirements for entering on the second-year course in Botany.

2. Should a student decline to accept the scholarship, it may then be awarded to the next in order of merit who has fulfilled the conditions prescribed in Clause 1.

3. The scholar shall continue the study of Botany in the University for the ensuing year, and shall be exempt from payment of fees for that subject, and, if his conduct and work be considered satisfactory by the Council, he may continue for a second year following the award, provided that the total fees for which exemption is granted shall not exceed £20.

4. Should the scholar for any reason be exempt already from payment of his fees for the study of Botany in the University, the John Bagot Scholarship shall be awarded in the form of books, instruments, or money, to the value of £20, at the option of the student, on the completion of a further course in Botany to the satisfaction of the Council.

5. A medal, to be called The John Bagot Medal, shall be offered annually for the best original work in Botany. A candidate may be required to pass an examination in the subject-matter of his thesis.

6. Any undergraduate in the Faculty of Science, or any graduate in Science in this University of not more than three years' standing, shall be eligible to compete for the medal; but the medal shall not be awarded to the same person more than once.

7. The thesis shall be forwarded to the Registrar not later than the first day of November in each year.

8. No medal shall be awarded unless, in the opinion of the Council, there is a candidate of sufficient merit.

*9. Each candidate to whom the medal has been awarded shall deposit either the original or an approved copy of his thesis in the University library before he receives the medal.

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

* Allowed 30th November, 1933. Allowed 17th December, 1931.

Chapter XXXV.—Of The Bundey Prize for English Verse.

Whereas Ellen Milne Bundey 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 Bundey, to be called The Bundey Prize for English Verse:

Now it is hereby provided as follows:—

*A prize to the value of ten pounds, called The Bundey 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, Violonceilo, 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 candiate.

*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. It shall be awarded annually to the medical undergraduate who, at the termination of his office of surgical dresser for six months, shall be 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.
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 Bundey, Mus. Bac., has bequeathed the sum of £1,236 to the University for the purpose of founding a scholarship or scholarships for the encouragement of original research in Botany or Forestry, such scholarship or scholarships to be called The Ernest Ayers Scholarship or Scholarships:

†1. There shall be offered every alternate year a scholarship of the value of £120, to be called The Ernest Ayers Scholarship.

° Allowed 6th December, 1922. † Allowed 10th December, 1925.

2. Every candidate for a scholarship must be a graduate of or have qualified for a degree in the University, and must have completed a full course in Botany or Forestry as a subject for his degree.

3. The scholarship shall be awarded in the month of December, on the recommendation of the Faculty of Science, to the best candidate, provided he is, in the opinion of the Faculty, of sufficient merit. Applications must be made in writing to the Registrar on or before the 1st day of December (or such later date as the Council may allow), and shall be accompanied by a statement of the subject upon which the applicant proposes to conduct his research. The Faculty shall, in making any recommendation, take into consideration the whole undergraduate course of the candidate, and shall attach special weight to any evidence of capacity for original research.

*4. Should no candidate be adjudged of sufficient merit, the scholarship shall for that year lapse, but shall be available in the month of December next ensuing.

†5. The holder of a scholarship shall, during his tenure of it, be styled the Ernest Ayers Scholar in Botany (or in Forestry, as the case may be).

6. The subject of research suggested by the scholar, or some other subject, having been approved by the Council on the recommendation of the Faculty of Science, the scholar shall diligently devote his whole time to the research, beginning not later than the 1st day of April following the award. He shall present a report of his work to the Council not later than the 30th November following, or such later date as the Council may allow. During this period the scholar shall not engage in any salaried work without having previously obtained the consent of the Council.

7. The scholar may at any time be called upon by the Council to give proof that he is devoting himself to his subject in such a manner as to further the ends for which the scholarship is awarded. In the absence of such proof, or of a satisfactory report of his work, the Council may deprive him of the scholarship, or may altogether withhold, or suspend for such a time as they may deem proper, the second and subsequent payments referred to in the next section hereof.

‡Either the original or an approved copy of each thesis or report approved in connection with this scholarship shall be deposited by the candidate in the University library before payment of the final instalment of the scholarship is made.

†8. The sum of £120 shall be paid to the scholar in four sums of £30 each, payable thus:—The first upon the 1st day of April following the award, the second upon the 1st day of July following, the third upon the 1st day of October following, the fourth upon the presentation of the result of the research work as provided by clause 6; provided as to the second and subsequent payments, that they shall not have been suspended or withheld, or the scholar deprived of his scholarship, under section 7 hereof.

*9. These Statutes may be modified or changed from time to time, but the name and objects of the scholarships shall not be changed.

† Allowed 10th December, 1925.
‡ Allowed 30th November, 1933.
* Allowed 6th December, 1922.
Allowed 10th December, 1919.

Chapter XLIV.—Of the Animal Products Research Foundation.

Whereas the sum of seven thousand pounds has been subscribed and paid to the University for the purpose of promoting research on the growth and nutrition of man and animals:

It is hereby provided that—

1. The University shall provide an annual income of five hundred pounds in respect of the said endowment of seven thousand pounds, and also five per centum per annum on any future additions to the capital sum.

2. The income in each year shall be available for the purposes of the Foundation. Unexpended income in any year may be added to the capital sum, or expended in the next or some following year, as the Council may determine.

3. The Council shall appoint a Director of the Laboratory, and a Board of Management of which the Director shall be Chairman. The Board shall report annually on the work done under the Foundation.

4. These Statutes may be varied from time to time, but the title and the general purpose of the endowment shall not be changed during the lifetime of the original subscribers without the consent of a majority of them.

Chapter XLV.—Of the Barr Smith Library.

Whereas during his life the late Robert Barr Smith gave to the University sums amounting to £9,000 for the purchase of books constituting the Barr Smith Library; and whereas members of his family, in order to perpetuate his memory within the University, paid to the University in 1920 the sum of £11,000:

It is hereby provided that—

1. Interest at the rate of at least five per centum per annum on the sum of £11,000 shall be set aside for the purchase of books to be added to the Barr Smith Library.

2. The books of the library shall be suitably distinguished from other books in the possession of the University.

Allowed 9th December, 1920.

Chapter XLVI.—Of The George Thompson Bursary in Commerce.

Whereas the Adelaide Co-operative Society, Limited, has paid to the University the sum of £150 for the purpose of founding a bursary in memory of George Thompson, the first Secretary and Manager of the Society: Now it is hereby provided as follows:—

1. A bursary, to be called The George Thompson Bursary in Commerce, shall be awarded by the University to any person nominated from time to time by the Adelaide Co-operative Society.

2. The 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 fo £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 John 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 awarded to the medical student who, after the completion of his term of surgical dressership, shall, upon examination, be found to be the most proficient in applied surgical anatomy.

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

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

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

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

Allowed 10th December, 1936.

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

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

It is hereby provided that the South Australian School of Mines and Industries shall be affiliated to the University of Adelaide to the extent following, that is to say, that the Council of the University may exempt students who have attended courses of instruction and passed

examinations of the South Australian School of Mines and Industries from attendance at lectures, and from examinations, in corresponding subjects of the course for the degree of Bachelor of Engineering.

Allowed 10th November, 1937.

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

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

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

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

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

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

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

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

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

* 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.

Chapter LXVIII.—Of The Lucy Josephine Bagot Prize.

Whereas the University has received from Walter Hervey Bagot the sum of five hundred pounds (£500) for the purpose of founding, in memory of his late mother, a Prize for Operatic Singing: It is hereby provided that:

1. There shall be an annual prize to be called The Lucy Josephine Bagot Prize.

2. The prize shall consist of the sum of fifteen pounds (£15) and shall be awarded to the student of the Elder Conservatorium who shows the greatest ability in the performance of an approved Operatic Aria, together with a general knowledge of the work from which the Aria is derived.

3. The examiners shall consist of the Director of the Elder Conservatorium and two others to be appointed by the Faculty of Music.

4. If the examiners do not consider any candidate worthy of the award the prize shall lapse for that year, but in such event an additional prize may be awarded in a subsequent year.

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

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

Allowed 10th July, 1947.

Chapter LXIX.—Of the Selborne Moutray Russell Scholarships.

Whereas the sisters of the late Selborne Moutray Russell have paid to the University the sum of £1,000 for the purpose of providing in his memory scholarships tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be two scholarships, to be known as the Selborne Moutray Russell Scholarships, tenable at the Elder Conservatorium of Music.

2. One scholarship shall be awarded to a male singer; the other shall be awarded to the player of an orchestral instrument approved by the Director of the Elder Conservatorium.

3. The value of each scholarship shall be such as to provide free tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Elder Conservatorium.

4. Subject to the provisions of Clause 8, each scholarship shall be tenable for three years.

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

No person who holds or has held a scholarship or prize tenable for three years at the Elder Conservatorium shall be eligible to compete for a Selborne Moutray Russell scholarship in the same subject.

†5A. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

6. Every candidate shall pay an examination fee of 10s. 6d. and shall undergo such examination as the Council may direct.

7. If, in the opinion of the examiners, no candidate at an examination for either of these scholarships shows sufficient merit, that scholarship shall lapse for the period of one year, after which it shall be offered again.

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

†8A. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

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

† Allowed 16th December, 1948. Allowed 11th December, 1947.

Chapter LXX.—Of The Varley Scholarship.

Whereas John Varley has paid to the University the sum of £1,000 for the purpose of providing a scholarship tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be a scholarship to be known as The Varley Scholarship tenable at the Elder Conservatorium of Music.

2. Subject to the provisions of Clause 8, the scholarship shall be awarded to a player of the Viola.

3. The value of the scholarship shall be such as to provide one hour's free tuition a week in the playing of the Viola, and free tuition in such secondary subjects as may be approved by the Director of the Elder Conservatorium.

4. Subject to the provisions of Clause 9, the scholarship shall be tenable for three years.

5. A candidate for a scholarship shall (a) be a British subject; (b) have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

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

6. Every candidate shall pay an examination fee of 10s. 6d. and shall undergo such examination as the Council may direct.

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

8. If, in the opinion of the examiners, no candidate in Viola at an examination for the scholarship shows sufficient merit, the scholarship shall lapse for the period of one year, and for that year two exhibitions, each of half the value of the scholarship, may be awarded to players of the Violin, the Violoncello, or the Double Bass.

9. Except by special permission of the Director of the Elder Conservatorium, the holder of the scholarship in Viola shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

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

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

Allowed 16th December, 1948.

Chapter LXXI.—Of the Anders and Reimers Scholarships.

Whereas the late Julie Sack has bequeathed to the University the sum of £734 for the purpose of providing two scholarships in memory of her husband and parents tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be two scholarships, one to be known as The Franz and Catherine Anders Scholarship, and the other to be known as The Gustav Reimers Scholarship, each tenable at the Elder Conservatorium of Music.

2. The Franz and Catherine Anders Scholarship shall be awarded to a player of the Double Bass and the Gustav Reimers Scholarship to a player of the Violoncello.

3. The value of each scholarship shall be £10 10s. a year, payable in equal instalments at the beginning of each Conservatorium quarter.

4. Each scholarship shall normally be tenable for three years.

5. A candidate for either scholarship shall (a) be a British subject; (b) have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

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

6. Every candidate shall pay an examination fee of 10s. 6d. and shall undergo such examination as the Council may direct.

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

8. Except by special permission of the Director of the Elder Conservatorium, the holder of either scholarship shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course, he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

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

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

Allowed 16th December, 1948.

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

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

1. A prize of the value of £15 to be called The Sir Archibald Strong Memorial Prize for Literature shall be offered annually as follows:

(a) In 1950 and thereafter triennially, for a poem or poems in English of at least 400 lines. No Bundey 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.

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.

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."

* Amended by the Senate 23rd November, 1949.

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.

* Passed by Senate, 28th March, 1894.

63. Any person nominated as a candidate for any office may by letter request the Clerk to cancel his nomination, and the receipt of such letter shall be held to cancel such nomination.

64. In all elections if no more than the required number of persons be nominated, the Warden shall declare them elected.

*65. If more than the required number of persons be nominated voting papers shall be distributed and every member present shall vote for the required number of candidates.

66. When the voting papers have been distributed the doors shall be closed until such time as the papers shall have been collected.

67. The Warden shall appoint from the members present as many scrutineers as he shall think proper, and shall assign them their duties.

†68. The votes shall be counted by the scrutineers, and the number of votes given for each candidate shall be reported to the Warden, who shall then declare the result of the election.

†68a. The Warden shall, subject to the Standing Orders, determine finally on questions of detail concerning the election.

E. Questions.

69. Questions touching the affairs of the University may be put to the Warden or to the Representative of the Council in the Senate.

70. The Warden may disallow any question which he thinks ought not to be put, and may alter and amend any question which is not in accordance with the Standing Orders, or which is in his opinion injudiciously worded.

71. The Warden or Representative of the Council to whom a question is put, may without reason assigned decline to answer at all or until notice thereof has been duly given.

72. By permission of the Senate any member may put a question in the absence of the member who has given notice of it.

73. By permission of the Senate a member may amend in writing a question of which he has given notice and put it as amended.

74. In putting any question no argument or opinion shall be offered nor shall any facts be stated except so far as may be necessary to explain such question.

75. In answering any question the matter to which it refers shall not be debated.

76. Replies to questions, of which notice has been given, shall be in writing, and having been read, shall be handed to the Clerk, and recorded in the Minutes.

77. Questions not on the Notice-paper shall not be recorded in the Minutes, nor shall the answers thereto.

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."

* Passed by Senate, 28th March, 1894. † Passed by Senate, 26th July, 1922.

79. The Warden shall be Chairman of such Committee unless he be unwilling to act, in which case any other member may be voted to the chair.

80. When the matters referred to the Committee have been disposed of the Senate resumes, and the report of the Committee is at once proposed to the Senate for adoption.

81. When the matters so referred have not been disposed of, the Senate having resumed and having received a report of the Committee to the effect that the matters have not been fully disposed of, may appoint a future day for the Committee to sit again.

82. A member may speak more than once to each question.

83. A motion need not be seconded.

V. Select Committees.

84. Select Committees, unless it be otherwise ordered, shall consist of five members, who shall elect their own Chairman, and of whom three shall be a quorum.

85. The Chairman shall have both a deliberative and a casting vote.

86. At the time of the appointment of the Committee the Senate shall instruct the Committee as to the matters to be reported on by them, and their report shall be confined to such matters.

87. The Chairman shall present the report of the Committee to the Senate, and it shall be forthwith discussed or postponed for future consideration.

VI. SUSPENSION OF STANDING ORDERS.

88. Any of these Standing Orders may be suspended for the time being on motion made with or without notice, provided that a quorum shall be present, and that such motion shall have the concurrence of at least two-thirds of the members present.

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

FREDERIC CHAPPLE,
Warden.

December 2nd, 1885.

CALENDAR

OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1951

PART II.

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THE ELDER CONSERVATORIUM OF MUSIC

REGULATIONS

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

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

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

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

5. The academic year shall consist of 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)

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 156.

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 161.

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)

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 176.

Awards.

For 1948—
Smith, Barbara Jean (Orchestral Instrument).
For 1949—
Miller, Kevin Aquilla (Singing).
Awarded for 1951—
Bollenhagen, Nellie (Violin)

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 176.

Awards.

1947—Hannell, Violet Lillian.
1948—Harrison, William.
1949—Bates, Marie Patricia.
1950—Moyse, Eve Ryder

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 177.

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 178.

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—Woodroofe, 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 181.

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 182.

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)

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 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. (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).
P. F. Butler, B.Ag.Sc.
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:

A. T. Pugsley, M.Sc. (Senior Geneticist and Plant Breeder).
G. M. E. Mayo, B.Ag.Sc.
K. Abele, Ph.D.

ENTOMOLOGY:

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

PLANT PATHOLOGY:

D. B. Adam, B.Ag.Sc. (Reader in Plant Pathology).
N. T. Flentje, Ph.D., M.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.
J. A. Zwar, B.Ag.Sc.

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, Veterinary Pathology and Virology. 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 (£38,000 for 1950-51). It also has an income of about £10,000 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.
R. H. F. Macindoe, O.B.E., L.V.Sc., M.R.C.V.S., R.D.A.

STAFF

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

Deputy Director—
Vacant.

Bacteriology—
Bacteriologist: R. A. W. Sheppard, B.Sc.
Assistant Bacteriologist: Suzanne F. Mander, B.Sc.
Graduate Assistant: D. Ruth Keynes, B.Sc.

Virology—
Medical Bacteriologist: M. C. Fowler, M.B., B.S.
Research Assistant: L. Joan Stokes, B.Sc.

Biochemistry—
Biochemist: Joan B. Cleland, M.Sc.
Assistant Biochemist: Cynthia W. Wincey, B.Sc.

Clinical Pathology—
Clinical Pathologist: J. A. Bonnin, M.B., B.S.
Assistant Clinical Pathologist: N. D. Hicks, M.B., B.S. (Royal Adelaide Hospital appointment)
Assistant Clinical Pathologist: Vacant.
Graduate Assistant: Fay M. Gaffney, B.Sc.

Histopathology—
Histopathologist: J. Orde Poynton, M.D. (Camb.).

Veterinary Pathology—
Senior Veterinary Pathologist: P. S. Watts, Ph.D., B.Sc., Dip.Bact., F.R.C.V.S.
Veterinary Pathologist: M. F. Pulsford, B.V.Sc. (Sydney), H.D.A.
Veterinary Pathologist: J. T. Fearn, B.V.Sc. (Sydney).
Research Assistant: K. H. Clapp, B.Sc.

Clinical Research—
Clinical Research Officer: B. S. Hetzel, M.D., B.S., M.R.A.C.P.
Graduate Assistant: Denise Hine, B.Sc. (National Health and Medical Research Council).

Honorary Consultants—

Professor Sir Kerr Grant, M.Sc. (Melb.).
Professor T. H. Johnston, M.A., D.Sc. (Qsld.).
Professor M. L. Mitchell, M.Sc.
E. McLaughlin, M.B., B.S., M.R.C.P. (Lond.).
S. W. Pennycuick, D.Sc.

Research Assistants—

D. B. Cheek, M.B., B.S. (Honorary.)
J. M. Dwyer, M.B., B.S. (Honorary.)
Joan M. Llewellyn, B.Sc. (National Health and Medical Research Council and University of Adelaide.)
J. S. Loutit, B.Sc. (National Health and Medical Research Council and University of Adelaide.)
F. W. Marriner, B.Sc. (Metropolitan Milk Board.)
Sibely J. McLean, B.Sc. (University of Adelaide.)

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), a full-time assistant 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.

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 to the Physicist: Mervyn John Tooze, B.Sc.

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

Assistant Medical Officers:

Dorothea Smith Heitman, M.B., B.S.
One to be appointed.

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-story 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 management 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,

or to

The Bursar—C. W. B. Kerr, 44 Grenfell Street, Adelaide.

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 of the Headmistresses' Association, and ten elected members. Dr. Helen Mayo is Chairman of the Council, Miss M. Jewell Baker Deputy Chairman, 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.

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 membersip 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 Yearbook 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 1950 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 149):—

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.

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 1951, provided that sufficient students enrol for each class:—Biology, Chemistry, Economics, Education, English Language and Literature, French, Geography, Geology, History, Latin, Mathematics, Philosophy, Physics, Psychology, and Zoology.

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
1939 Howard, Leo, B.A.
1940 Adams, Philip Paul
1946 Hubbard, Margaret Eileen, B.A.
1947-1950 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.

1946 Adam, Elizabeth Anderson; King, Leonard James
1947 McGrath, James Patrick
1948 Gilding, Kevin Rex
1949 Woods, Warren Bruce
1950 Ryan, Helen Mary W.

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 suffcient 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.

1947 Blair, Joan Scott
1948 Gibson, Graham Coyne
1949 Power, Frances Maureen
1950 Proudman, Dorothy Mena

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 137.

Awards.

For previous awards, see Calendars from 1904.

Prizemen:

1947	Muecke, Douglas Colin	1949	Felgenhaur, Robert F.
1948	Wall, Barbara Deane	1950	Gilbertson, Nannette

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
	Prox. acc.:	1950	No award
	Young, Aileen		

The Bundey Prize for English Verse.

This prize, of the value of £10, was founded by Miss E. Milne Bundey in memory of the late Sir Henry and Lady Bundey.

For conditions, see Statutes, Chapter XXXV, page 154.

For 1951 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.

1946	Ellis, Charlotte	1948	Johnson, Margaret Isobel
	Hill, Nancy Anne Philpott	1949	McNeil, Philippa Florence
1947	Blackburn, Margaret Alison	1950	Laycock, Margaret
	Rendell, Margaret Patricia		

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	1950	Johnson, Margaret Isobel

The Fred Johns Scholarship for Biography.

For conditions of award, see Statutes, Chapter LV, page 169.

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 150.

Awards.

For previous awards, see Calendars from 1913.

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

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; Cameron, Roy James
1948 Hill, Malcolm Robert; Rodbourn, Arthur; Simmons, Donald William
1949 Forbes, Alexander J. deB.
Special Prizes:
Lewis, Robert Brook
Rendell, Margaret Patricia
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 143.

Awards.

For previous awards, see Calendars from 1904.

1947 Nilsson, Neil Alfred
Prox. acc.:
Jose, Anthony Douglas
1948 Weston, Frank Keith
1949 Duguid, Andrew Melville
Prox. acc.:
Counsell, Ruth Kingsley
1950 Vickery, Margaret

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 Jefferies, 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. The conditions of study and examination on which the award will be based shall be published annually.

4. The medal shall not be awarded to the same person more than once.

The medal will be awarded to the most distinguished student in Philosophy B. The work will include an essay on the subject "The Philosophy of Plotinus."

Made by Council, 1920.

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 172.

Awards.

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

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 158.

Awards.

1921 Opie, Thomas Schulz
1936 Brown, Henry, M.A., B.Ec.
1939 Judd, Percival Richard Henry, B.A., B.Ec.
1942 Ramsay, Alexander M., B.Ec.
1946 Cheek, Bruce M., B.A.
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 £150.

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)
1951 Hetherington, Robert (History)

FACULTY OF SCIENCE.

The Ernest Ayers Scholarship in Botany or Forestry.

The late Ellen Milne Bundey, 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 162.

Awards.

For previous awards, see Calendars from 1930.

1936 Brooke, Joyce Ethel, B.Sc.
1940 McCarthy, Doreen F., B.A.
Watson, Margaret Arden
1944 Harris, Jack R., B.Sc.
1947 Robinson, Mary Kelly, B.Sc.
1949 Jeffery, Margaret W., B.Sc.

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 154.

Awards.

For previous awards, see Calendars from 1914.

Scholarships.

1945 McPhie, Jean E. (resigned)
Robertson, Gwendoline K.
Trumble, Hugh Peter C.
1946 Jenkins, Heather Gordon (resigned)
1947 Jeffery, Margaret Wyn
1948 No award
1949 Martin, Peter Gordon
1950 No award

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	1949	Rayson, Patricia
1948	May, Lancelot Harris	1950	No award

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 167.

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.

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

Awards.

For previous awards, see Calendars from 1932.

1946 Bowes, Donald Ralph, B.Sc.
1947 Wilson, Allan F., M.Sc.
1948 Rattigan, John Herbert
1949 Howard, Peter Felix

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 152.

Awards.

1916 Stephens, Cyril F., B.Sc.
1921 West, Eric Stadden, B.Sc.
1923 Lewcock, Harry K., B.Sc.
1925 Jacobs, Maxwell R., B.Sc. (resigned 1926)
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 174.

Awards.

1945 Bowes, Donald Ralph, B.Sc.
1946 Riedel, William Rex
1949 Spry, Alan Herbert, B.Sc.

FACULTY OF ENGINEERING.

The Angas Engineering Scholarship.

The Hon. J. H. Angas founded a scholarship of the value of £200 a year for two years, to "encourage the training of scientific men, and especially engineers, with a view to their settlement in South Australia."

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter XIII, page 134.

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.
1938 Whittle Donald George, B.E.
1946 Paterson, Mervyn S., B.E.
Prox. acc.:
Hosking, Norman G.
1948 Crompton, James W., B.Sc. (Eng.)
Mitchell, Leigh H., B.E.
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 136.

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.

1946	Parker, Murray Harold	1948	Redway, John A. G.
1947	Vawser, Keith Derwent	1949	Matthew, Ian G.

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 171.

Awards.

For previous awards, see Calendars from 1943.

1947	Scarborough, Eric Charlton	1949	Hayward, John
1948	Rose, Gordon Albert	1950	Hawes, Brian Richard A.

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

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	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 bookplate will be provided.

Awards.

For previous awards, see Calendar for 1949.

1947	LeMessurier, Robert E.	1949	Bowden, Kevin Benjamin
1948	Leske, Clive William	1950	Hopkins, John McEwan

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
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 138.

Awards.

For previous awards, see Calendars from 1904.

1947 Kirkman, Laurence H.; Millhouse, Robin Rhodes; Moran, Francis Brian; Quayle, Bronte Clucas
1948 Fisher, Francis Robert; Forster, William E. S.
1949 Brebner, Donald Malcolm; White, James Michael
1950 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.

1932 Hague, Ralph Meyrick
1937 Kelly, Francis Peter
1939 Menzies, Duncan Campbell; Palmer, Ernest William
1945 Wells, William Andrew Noye

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 171.

Awards.

For previous awards, see Calendars from 1945.

1946 Bennett, Henry Trevor
1947 Fisher, Francis Robert; White, James Michael
1948 White, James Michael
1949 Olsson, Leslie Trevor
1950 White, James Michael

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 166.

Awards.

1929 Bleby, Thelma Evelyn, LL.B.
1933 Wynes, William Anstey, LL.B.
1937 Bray, John Jefferson, LL.B.

The Justin Skipper Prize.

RULES

Whereas Stanley Herbert and Kathleen Elizabeth Skipper have given the sum of £150 for the purpose of founding a prize in memory of their son, Captain Justin Way Skipper, late 2/27th Battation, 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
1946 {Roder, John Herbert
1947 Matheson, Roderick Grant
1948 O'Sullivan, James David
1949 Brebner, Donald Malcolm

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.

1947 Fuller, William Rayner
1948 Lawrence, James Roland
1949 Pak Poy, Reginald K. F.
1950 Forbes, Ian James
Prox. acc.:
Porter, Robert

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 143.

Awards.

For previous awards, see Calendars from 1911.

1947 Dilworth, Nerida Margaret (Third Examination).
Waddy, John Lane (Fourth Examination).
Prox. acc.:
Harms, Lois Phillipa

1948 Hodge, Philip Richard (Third Examination).
Hoare, Lucas Lahondie } (Fourth Examination)
Simpson, Robert Allen }

1949 Bentley, Alan } (Third Examination)
Stoutjesdijk, Albertus Diederick Johan }
Smith, Ian Darian (Fourth Examination)

1950 Broadbent, Ian Nicholas (Third Examination)
Prox. acc.:
Bennett, Richard Clayton
Webster, Stanley George (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 1950 McKinnon, Ross Charles

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 169.

Awards.

For previous awards, see Calendars from 1942.

1943 Adey, William Ross
1944 Hunter, Ronald
1946 Love, Clement Vernon
1946 Milton, Gerald White
1948 Furler, Ian King
1949 Wilson, John Grenell
1949 Simpson, Donald Allen
1950 Smith, Ian Darian
Prox. acc.:
Levitt, Solomon

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 160.

Awards.

For previous awards, see Calendars from 1923.

1947 Bennett, John Barkly
1948 Way, Neville James
1949 Bell, Franklyn Gilbert
1950 Handby, Harold Arthur

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 138.

Awards.

For previous awards, see Calendars from 1904.

1947 Hecker, Robert
1948 No award
1949 Simpson, Donald Allen
1950 Black, Nancy Helen B.

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 158.

Awards.

For previous awards, see Calendars from 1939.

1947 Way, Neville James
Prox. acc.:
Jose, Geoffrey Alan
1948 O'Connor, Diana Jeanne
1948 Simpson, Donald Allen
1949 Smith, Ian Darian
Prox. acc.:
Phillips, Colin William
1950 Jessup, Allan Aubrey
Prox. acc.:
Symes, William David

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 awarded annually to the medical undergraduate who, at the termination of his office of medical clerk for six months, is deemed after examination to be the most proficient in the investigation of cases in the medical wards of the Royal Adelaide Hospital. It is not awarded twice to the same person. The examiners are appointed by the Council on the recommendation of the Faculty of Medicine; and the examination is held after the students have completed their six months' clerkship. D. 135/32.

Awards.

For previous awards, see Calendars from 1937.

1948 I. Waddy, John Lane
Prox. acc.:
Hasenohr, Geoffrey
II. Plueckhahn, Vernon D.

1949 Taylor, Michael Gleeson
Prox. acc.:
McKellar Stewart, Alastair Keith

1950 Hodge, Philip Richard
Prox. acc.:
Dineen, Desmond Patrick

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 173.

Awards.

For previous awards, see Calendars from 1944.

1947 Milton, Gerald White
1948 Maddern, John Pearce
1949 Simpson, Donald Allen
1950 Vivian, Arthur Bryan

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 173.

Awards.

1947 Miller, Robert Lionel
1948 Jarvis, Ronald Harris
1949 Simpson, Donald Allen
1950 Tennant, Maxine Rita

The Shorney Prize.

This prize, of the value of £100, is awarded for original work in Opthalmology or in Diseases of the Ear, Nose and Throat by a graduate of an Australian University.

For conditions, see Statutes, Chapter LXIV, page 173.

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.

1946	Venner, Barton Frederick	1948	Hicks, Dene Alan
1947	Ey, Geoffrey Thomas	1949	Plueckhahn, Vernon D.
	Wilson, Charles Graham	1950	Black, Nancy Helen B.

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 170.

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	1949	Kennare, Hugh Daley
1948	No award	1950	McKinnon, John Desmond

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		

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 155.

Awards.

(By the University.)

For previous awards, see Calendars from 1919.

1946 Haigh, Lorna Joan
1947 Scott, Enid May
1948 Hosking, Kathleen Valerie
1949 Russell, Judith Pamela

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 164.

Awards.

1935 Howard, Cornelius James
1940 Wray, Frank Lindon
1941 Harnett, William Edwin
1947 Thompson, James Andrew

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 140.

Awards.

For previous awards, see Calendars from 1932.

1940 Redwood, John Pitts
1941 Mitchell, Shirley Eileen
1944 Gordon, John Llewellyn
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 149.

Awards.

For previous awards, see Calendars from 1913.

1947	Werfel, Mavis Jean	1949	Tucker, Colin Pryor
1948	Harris, Frank Randall	1950	Williams, Kenneth Douglas

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)

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

SCHOLARSHIPS TENABLE IN DIFFERENT FACULTIES

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 152.

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.

1946 Arts—French—Heddle, Shirley
Law—Moffatt, Betty J. M. D., B.A.

1947 Arts—French—Pash, Jeffrie Herbert, B.A.
Law—Ligertwood, Neill Coutts
Moran, Francis Brian

1948 Arts—Wells, Elizabeth Anne

1949 Law—Bennett, Henry Trevor
Forster, William Edward Stanley

1950 Arts—Selth, Geoffrey Poole
Law—White, James Michael
Brebner, Donald Malcolm

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 158.

Awards.

For previous awards, see Calendars from 1923.

1936	Mercer, Edgar H., B.Sc.	1940	Crisp, Leslie Finlay, B.A.
1937	Olssén, Edwin Alexander		Smith, William I. B., B.Sc.
1939	Vowels, Rex E., B.E.	1950	McCarthy, Ian John

The Eric Smith Scholarship.

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

For conditions, see Statutes, Chapter XVIb, page 139.

Awards.

1917	Cooper, Thomas Edwards	1942	Wilson, Jack Woodrow (resigned).
1921	Moreland, Jack		
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 Edith Hubbe and Harriet Cook Prize.

RULES

Whereas the sum of Five Hundred Pounds has been paid to the University by the past pupils of 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. There shall be a prize entitled The Edith Hübbe and Harriet Cook Prize, which shall be offered annually.

2. The prize shall be awarded for the present to the candidate placed highest in an examination on a syllabus in Dutch Language and Literature prescribed by the Council, provided he is of sufficient merit.

3. Any Australian-born undergraduate of this University within six years of his matriculation and any Australian-born graduate within three years of graduation may be a candidate.

4. The prize shall be of the value of Sixteen Pounds.

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

6. The Council may vary these rules, but the title of the prize shall not be changed.

The syllabus for the year 1951 is that prescribed for the Leaving Examination in Dutch by the University of Melbourne.

Candidates must enter at the University office for this examination not later than October 1, 1951.

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 143.

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 conjuction 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.

1946	Gough, John Lewis Piper, Herbert Walter	1949	Jose, Anthony Douglas
1947	Hosking, Norman G.	1950	Dowding, Alan Lorimer
1948	Potts, Renfrey Burnard	1951	Opie, Roger Gilbert

ROYAL COMMISSIONERS FOR THE EXHIBITION OF 1851.

Scholarship Awards.

1902	Cooke, William T., B.Sc.	1927	Oliphant, M. L. E., B.Sc.
1905	Kleeman, Richard D., B.Sc.	1933	Bosworth, R. C. L., M.Sc.
1909	Glasson, Joseph L., B.Sc.	1934	Ballard, L. A. T., M.Ag.Sc.
1912	Jauncey, G. E. M., B.Sc.	1935	Price, James R., M.Sc.
1920	Dawkins, Alfred E., B.Sc.	1947	Bowes, Donald R., B.Sc.
1925	Wood, Joseph G., B.Sc.	1950	Nossal, Peter M., M.Sc.

Bursary Awards.

1901	Cooke, William T., B.Sc.	1911	Jauncey, G. E. M., B.Sc.
1904	Kleeman, Richard D., B.Sc.	1913	Sanders, Harold W., B.A.

The Gowrie Scholarship Trust Fund.

The Gowrie Scholarship Trust Fund offers annually two kinds of scholarships for Universtity 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 Afrcia; 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 recommedation 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 demit 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 Union, through the Students' Representative Council, publishes annually a students' handbook, in which the organisation and activities of the Union and its constituent parts are set forth at length. The handbook also contains an account of all the student societies of the University, and much other information intended particularly for the first-year student. Copies are given to all new students prior to the beginning of lectures in each year. Other members of the University may obtain copies of the handbook free of charge upon application at the office of the Secretary of the Union.

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 Symon Building.

Adelaide University Students' Representative Council.

The Students' Representative Council was re-formed during 1946, and assumed responsibility for many of the activities directly concerning students previously undertaken by the University Union Committee. It is elected by the students in October of each year, is a constituent member of the Adelaide University Union, and acts as a liaison body between student societies and organisations and the Union and University authorities.

The Students' Representative Council is responsible for the domestic management of the George Murray Building for men and the Lady Symon Building for women, and for such student publications as *On Dit*, *Phoenix*, and the Union Handbook. It also organises an annual Orientation Course, which seeks to introduce new students to the methods of administration and teaching, and the numerous societies, of the University.

The Students' Representative Council is the South Australian constituent of the National Union of Australian University Students, which is recognised by the Commonwealth Government as representing students on matters affecting the Commonwealth Scholarship and Reconstruction Training schemes. The National Union also represents students before the Australian Vice-Chancellors' Committee, and seeks to promote student activities on a national basis.

The Students' Representative Council Office and the Publications Office are situated at the eastern end of the Refectory Building.

Adelaide University Sports Association.

The Sports Association was formed in 1897, and now includes, as amalgamated clubs, lacrosse, boat, pennant 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, the Master of St. Mark's 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.

Objects.—To lead students through an honest study of the life and teaching of Jesus Christ to a faith that will stand the test of University thinking and to a personal experience of Christian living; to

relate the ideals of Christianity to the problems of the modern world; to promote a spirit of fellowship; and to place before students the challenge of the ideal of service in every sphere of private and corporate life.

The Movement arranges periodical meetings and addresses, weekly study circles and tutorial classes, regular short devotional meetings at 8.30 a.m., and several week-end conferences during the year. All students are invited to attend.

The Australian Student Christian Movement holds an Annual Summer Conference, which is attended by over 400 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, and to present the Roman Catholic viewpoint within the University on philosophical, social and moral problems.

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 will be in use in 1951.

There are separate committees for graduates and undergraduates. Meetings of the Society are held regularly in term, usually in the Refectory. At three or four of the meetings each year addresses are given by prominent citizens and distinguished visitors to the State; at other meetings debates and discussions on papers and speeches given by the members take place. The members assemble twice a year at St. Francis Xavier's Cathedral for religious services. 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, and all Roman Catholic undergraduates entering upon courses at 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, weekly 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 R. J. Lipman, and the Adjutant, Captain J. C. F. Moloney.

Adelaide University Air 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.

Adelaide University Commerce Students' Association.

The Association was founded by the students of Commerce in 1920. Its objects are:—

(a) to promote the study of Commerce in the University;

(b) to help forward the movement to establish a Degree in Commerce;

(c) to develop and encourage a social spirit among the students by means of meetings and visits to industrial centres;

(d) to do all such matters as will help students of Commerce both from a social and from an educational aspect.

Membership is open to all present and past students for the Diplomas in Commerce and Public Administration.

The Annual General Meeting is held in March, on a date fixed by the Committee. Monthly meetings, visits and social functions are held throughout the academic year.

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 Engineering Society.

Objects:—

(1) to encourage social life amongst those students and others connected with the University who are interested in Engineering;

(2) to promote the study and knowledge of Engineering generally;

(3) to encourage students in public speaking on Engineering subjects and in preparation of papers pertaining thereto.

Apart from their own meetings students are invited to attend the several meetings held during the year of the joint Student and Junior Section of the Institute of Engineers, Australia, and of the Australasian Institute of Mining and Metallurgy.

Visits are made at frequent intervals throughout the year to places of interest to students.

A freshers' social is held early in the first term, at which freshers are given the opportunity of meeting their lecturers and fellow-students. Other Society activities include the annual barbecue and the annual ball.

The Annual General Meeting is held in March of each year.

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 usually on alternate Tuesdays in the law lecture room at 7.45 p.m. A copy of the year's programme can be obtained from the secretary of the society soon after the annual general meeting. Meetings usually take the form of debates on hypothetical cases in the manner in which they are argued in courts of law.

The society annually offers for competition a prize of £1 1s. for the best debater during the current year, in addition to any other special prizes donated.

The Adelaide Medical Students' Society.

This Society was founded in 1889. Its chief objects are to further the interests of medical work among students and to promote social intercourse among its members. Six 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 is 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.

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

Full membership is open to graduates and undergraduates of the University in Agricultural Science; and Associate membership to all other undergraduates. Associate members pay half the annual subscription of full members and enjoy all privileges of full membership except that they may not propose or vote on motions.

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.

At every meeting an address on some subject of common interest is given by a guest speaker.

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 discovery of 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: Professor J. B. Cleland.

Hon. Secretary: Mr. H. M. Hale, c/o Museum, North Terrace, Adelaide.

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 G of the Australasian Association for the Advancement of Science at its Adelaide meeting in 1924. The South Australian Branch was founded at the University on 21st August, 1925.

Its chief object is the advancement of economic knowledge by

(a) the publication of research work;

(b) the discussion of economic problems.

The Central Council of the Society publishes a journal twice annually called *The Economic Record.*

The Society holds about nine meetings a year, at which lectures are given, papers are read, or discussions on current economic topics are held. Questions are invited at the conclusion of all lectures, and discussion is encouraged on every occasion. The annual meeting is held in September.

The annual subscription is £1 5s. for ordinary members and 15s. 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: C. W. Branson.

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 one guinea, of which thirteen shillings and sixpence is paid to the Sir Joseph Verco Endowment for the publication of medical research. In return members receive *The Australian Journal of Experimental Biology and Medical Science.* The subscription to the Journal for non-members is £2 per annum.

New members must be proposed by two members in writing to the Secretary, and such nominations are announced by the Secretary, at the next general meeting. The names of new members thus nominated are submitted by the Secretary, together with the notifications of the next succeeding meeting, at which the nominations are confirmed or rejected by ballot, a three-fourths majority of members voting being required to elect.

President: Professor J. G. Wood, D.Sc.

Hon. Secretary: N. D. Crosby, M.B., B.S., 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 Editorial Board includes local members of the Club, together with men from other States of the Commonwealth who have been co-opted.

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, the physiology of animals and plants, and zoology.

The Journal is issued every two months and the subscription is £2 a year.

Editor-in-Chief: Professor Mark L. Mitchell; Associate Editors: Professor J. B. Cleland and Professor Sir Stanton Hicks.

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 anually 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.

1947 George, Yvonne Ida; Tosolini, Palmira Rose (Practice).
1948 Leonard, Ian Ferguson (Practice)
1949 Griggs, Michael (Practice).
1950 Edgar, Heather Mary (Theory); Leonard, Mary J. (Practice).

LICENTIATE PRIZE—

For previous Awards, see Calendars from 1942.

1946 Adey, Margaret Seton
1948 Altschwager, Heather Mary
1949 Knowling, Gwenda
1950 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

CALENDAR

OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1951

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ANNUAL REPORT FOR THE YEAR 1950

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 1950:

Introduction

For all Australian universities this is a time of movement and growth and it is not remarkable that for the University of Adelaide the year 1950 followed the 1949 pattern of change and preparation for change. In its report for 1949 the Council predicted that the University would continue to pass through a period of change and added that it viewed the future with well-founded hope and with an equally well-founded anxiety.

The Council could hardly have a more pleasant task than to report that its hopes for 1950 were largely fulfilled and that, given a measure of national and international stability beyond its control to influence, its anxieties for the future have greatly decreased.

The changes wrought during 1950 are largely the consequence of the splendid financial assistance given to the University in 1949 by the State Government. New academic posts have been filled by some of our most able graduates and by men drawn from other States and from other countries. These new members of our University family have been assimilated with ease and the stimulus of their presence will be increasingly felt. Study leave helped to overcome the academic isolation geographically imposed upon the University and members of the staff so aided have returned with minds refreshed and stimulated. An unexpected result of providing the small grant of £50 to a part-time lecturer was that the member of staff concerned took the part of a professor in an American University. Thus the Study Leave Fund has enabled us to give as well as to receive. An increased expenditure on research enabled more post-graduate students to be trained in research methods; bread upon the waters with results beyond computation.

A lessening of anxiety for the future follows from a new form of financial aid offered by the State Government. University development needs to be done on a basis of long term planning; but this is impossible if uncertainty associated with rapidly rising costs leads to hand-to-mouth existence. The State Government, recognising the position, has offered to provide a grant which, from year to year, will enable a reasonable budget to be balanced. A useful quantitative assessment of what is reasonable has been provided by the Commonwealth Government's conditional offer of aid to the State Governments in connection with the development of Australian universities. If this assessment be accepted, the University of Adelaide faces a three-year period of expansion to an agreed figure. An attempt to

draw the academic shape of things to come will be made during the coming year and much depends on the degree of wisdom that can be brought to the task.

Considerable progress has been made during the year with the new Geology building. When it is finished, the Council's programme of new buildings for teaching purposes will have come to an end. Rising costs have been a source of anxiety to the Council during the latter stages of the building programme and it is with relief that the Council records that the end is in sight; at any rate as far as the near future is concerned.

The Council realises that the University consists primarily of a body of people; undergraduates, graduates and staff. It realises, too, that in the words of Sir Hector Hetherington, "It is not enough for a university to be effective in all its parts. It must be effective in wholeness, too. And the larger a university becomes, the harder it is for all its activities to be pervaded and inspired by a sense of the unity of its life and purpose." With its expanded staff and activities our University has reached a point beyond which wholeness cannot be achieved without conscious effort to that end. During the past year, a part of the old anatomy building has been structurally modified and furnished as a staff club, where permanent members of the staff can have light meals and discuss their mutual affairs in comfortable and dignified surroundings. The whole cost of the staff club has been most generously met by an anonymous benefactor. The Council also realises the importance of aiding and stimulating the existing graduate bodies and has appointed a committee to consider the problems involved.

It remains to meet the further needs of the students outside the formal hours of teaching. In Australia, as in the United Kingdom, there is a growing realisation that social changes call for a university to be the very centre of the lives of its students. The Council will give earnest attention to this problem during the coming year.

2. The Council and the Senate

In November Mr. W. J. Adey, Mr. A. Fairweather, Sir William Goodman, Mr. A. J. Hannan and Professor Sir Douglas Mawson ceased by effluxion of time to be members of the Council. The Senate elected Mr. A. Fairweather, Mr. C. E. S. Gordon, Sir William Goodman, Mr. A. J. Hannan and Professor Sir Douglas Mawson to fill the five vacancies, and re-elected Mr. Justice Ligertwood its Warden and Mr. V. A. Edgeloe its Clerk.

In accordance with the provisions of the University Act Parliament appointed Mr. G. T. Clarke, the Honourable C. R. Cudmore, Mr. C. D. Hutchens, Mr. Baden Pattinson and the Honourable F. T. Perry members of the Council.

3. Obituary

The Council records with regret the deaths during the year of Mr. W. J. Isbister and Dr. J. I. Guenther. Mr. Isbister had retired from the Council in 1949 on account of failing health, and the Council's

appreciation of his service to the University during the forty-four years of his membership of the Council is recorded in last year's Report. Dr. Guenther had served the University well for some three years as demonstrator and lecturer in Pathology.

4. Retirements and Resignations

Professor J. McKellar Stewart retired in June from the Chair of Philosophy, to which he had been appointed in 1923 on the retirement of Professor Sir William Mitchell. The Council conferred on him the title of Professor Emeritus in recognition of his great service to the University as Vice-Chancellor, Professor, and Chairman of many committees and boards. Professor McKellar Stewart remains a member of the Council and continues to hold several administrative offices.

Professor G. V. Portus relinquished the Chair of History and Political Science in December. Appointed in 1934, he had filled the Chair during the last two years in an acting capacity while his successor was being found.

In May, consequent upon his ceasing to be a member of the honorary medical staff of the Royal Adelaide Hospital, Mr. I. B. Jose retired from the office of Director of Surgical Studies, which he had filled with distinction since 1936. Mr. Jose remains a member, and is Associate Dean, of the Faculty of Medicine. The University is greatly indebted to him both as its principal teacher of Surgery for fifteen years and for his administrative service to the Medical School over the last decade. During the war years the staff of clinical teachers at the Hospital was severely depleted and almost day-to-day arrangements for continuing the clinical teaching with few and constantly changing teachers fell largely on his shoulders. The problems and difficulties of the time were intensified by the institution of the emergency five-year course (in which the work of the normal six years was compressed into five), and in the post-war years by the reversion to the normal six-year curriculum and by the greatly increased numbers of students.

Mr. W. C. R. Brooke, Lecturer in Physics since 1946, resigned at the end of the first term, and Mr. J. W. Pletts, Lecturer in Electrical Engineering since 1948, resigned at the end of the year on receiving appointments with the Long Range Weapons Establishment.

Dr. G. A. Lendon retired from the Chairmanship of the Board of Studies in Physiotherapy, an office which he had filled since the inception of the Board in 1945. Professor A. A. Abbie, who is also Dean of the Faculty of Medicine, succeeded him. The University is indeed grateful to Dr. Lendon for the valuable guidance that he gave during the critical early years of the establishment of Physiotherapy as a course of study within the University.

Dr. Lendon also retired from his lectureship in Medicine, which he had held since 1939; Dr. D. R. W. Cowan retired from the lectureship in Pulmonary Tuberculosis, which he had filled for twelve years; and Mr. G. F. Seaman relinquished the part-time lectureship in Statistics II and Actuarial Mathematics, which he had held since 1936.

5. New Professors

Dr. D. Nichol Smith, formerly Merton Professor of English Literature in the University of Oxford, accepted an invitation to fill the Jury Chair of English Language and Literature for one year and arrived in August. Professor Nichol Smith's great scholarship and attainments confer distinction on the University.

Dr. W. G. K. Duncan, Director of Tutorial Classes in the University of Sydney, was appointed to the Chair of History and Political Science in succession to Professor G. V. Portus. Professor Duncan is a Master of Arts with First Class Honours and the University Medal in Philosophy in the University of Sydney and a Doctor of Philosophy in the University of London. Appointed to a Commonwealth Fund Fellowship in 1930, he worked at the Universities of Chicago, North Carolina, and California before being appointed to his Sydney post in 1933. From their inception he has been General Editor of the *Current Affairs Bulletins* published by the Commonwealth Office of Education. He assumed the duties of his Chair as from the beginning of 1951.

Mr. J. J. C. Smart was appointed to the Hughes Chair of Philosophy vacated by the retirement of Professor J. McKellar Stewart, and took up duty in September. Professor Smart graduated Master of Arts with First Class Honours in Philosophy at Glasgow, where he also took Honours in the School of Mathematics and Natural Philosophy. On gaining in 1948 at Oxford the recently established postgraduate degree of Bachelor of Philosophy, he was appointed to a Research Fellowship in Philosophy at Corpus Christi College. In the course of the two years of his Fellowship, he published or prepared several articles on fundamental philosophical questions. The interval of five years between his Glasgow University experience and that at Oxford was given to service in the British Army in India, Arakan, Assam, Manipur and Burma.

Dr. P. H. Karmel succeeded Professor J. H. B. Tew as Professor of Economics and took up duty at the beginning of the second term. Professor Karmel, who was 27 when he was appointed to the chair, is the youngest professor in the University. His academic record embraces Dux of Caulfield Grammar School in 1938, First Class Honours in Economics, Wyselaskie Scholar and Aitchison Overseas Travelling Scholar in the University of Melbourne in 1942, Rouse Ball Research Student at Trinity, Cambridge, 1948, and Doctor of Philosophy, Cambridge. From 1943 to 1945 he was a research officer in the Commonwealth Bureau of Census and Statistics and a part-time lecturer in Canberra University College; in 1946 he was a lecturer and in 1949 a senior lecturer in the University of Melbourne.

Dr. H. S. Green, at present a Visiting Professor at the Dublin Institute of Advanced Studies and during the academic year 1949/50 a Visiting Professor at Princeton University, U.S.A., will fill the Chair of Mathematical Physics. Dr. Green graduated with First Class Honours in the University of London in 1941 and subsequently qualified for the degrees of Doctor of Philosophy (in 1947) and Doctor of Science (in 1948) in the University of Edinburgh. He has published a book and a number of papers on the kinetic theory of liquids, and

on the theory of the atomic nucleus, and will, it is expected, take up his duties in Adelaide about August, 1951.

6. Other New Staff

To the new Readership in History and Political Science was appointed Mr. D. H. Pike, an Adelaide graduate who was lecturer in History in the University of Western Australia during the preceding two years. He obtained first-class Honours and won the Tinline Scholarship in 1947, and came to Adelaide in August.

Mr. J. P. Morgan, an Adelaide war-time graduate, was appointed Reader in Mining Engineering. Mr. Morgan, who has had extensive practical experience in various types of Mining Engineering in Australia, began duty early in the year.

Other new appointments to the permanent staff of the University included:—

Senior Lecturer in Classics: Mr. A. French, M.A. (Camb.)

Lecturer in English: Mr. D. C. Muecke, B.A. (Adel. and Oxon.)

Lecturer in History and Political Science: Mr. K. A. F. Sainsbury, B.A., B.Phil. (Oxon.).

Lecturers in Economics: Mr. R. G. Opie, B.A., Mr. J. McB. Grant, B.Ec., Mr. A. M. Smith, B.Ec.

Senior Lecturer in Mathematics: Dr. B. C. Rennie, D.Phil. (Camb.)

Senior Lecturer in Physics: Dr. S. G. Tomlin, Ph.D. (Lond.)

Lecturers in Physics: Mr. R. W. Crompton, B.Sc., Mr. W. G. Elford, B.Sc., Mr. D. J. Sutton, B.Sc.

Senior Lecturer in Chemistry: Dr. H. H. G. Jellinek, Ph.D. (Lond. and Camb.)

Senior Lecturer in Palaeontology: Dr. M. F. Glaessner, D.Sc. (Melb.)

Senior Lecturer in Anatomy: Mr. A. D. Packer, B.Sc., M.B., B.S.

Senior Lecturer in Physiology: Mr. N. D. Crosby, M.B., B.S.

Lecturer in Physiology: Mr. D. I. B. Kerr, B.Sc.

Lecturer in Pathology: Mr. R. T. W. Reid, M.B., B.S.

Senior Lecturer in Chemical Engineering: Dr. R. W. F. Tait, Ph.D. (Birm.)

Senior Lecturer in Civil Engineering: Mr. G. Sved, a graduate of Budapest.

Lecturer in Electrical Engineering: Dr. D. W. C. Shen, Ph.D. (Lond.)

Lecturer in Mechanical Engineering: Mr. P. A. Davies, B.E. (Syd.)

Mr. P. Santo Messent was appointed part-time Director of Surgical Studies in succession to Mr. I. B. Jose, Mr. H. A. Prime, from the University of Liverpool, Research Fellow with the status of a Senior Lecturer in the Department of Electrical Engineering, and Mr. Clemens T. Leske a teacher of Pianoforte in the Elder Conservatorium of Music.

7. Representation of the University

The University appointed the following representatives during the year: for the Health Congress of the Royal Sanitary Institute held at Eastbourne in April—Dr. K. S. Hetzel; for the Sixth International Congress of Radiologists in July—Mr. C. Gurner; for the Jubilee Celebrations of the University of Birmingham in May—Dr. R. S. Burdon; for the Sixteenth International Congress of Ophthalmology in July—Professor A. A. Abbie; for the Seventy-fifth Anniversary Celebrations of the Foundation of the Connecticut Agricultural Experimental Station—Professor H. C. Trumble; on the Medical Board of South Australia—Dr. G. H. Burnell; on the Council of St. Mark's College—Professor M. L. Mitchell; on the Council of St. Ann's College —Professor A. A. Abbie and Miss H. Crampton.

In compliance with a request from the Australian National University that the University of Adelaide appoint five members of its Convocation the Council appointed Professors A. A. Abbie, J. G. Cornell, L. G. H. Huxley and M. L. Mitchell and Dr. A. Grenfell Price to act in that capacity. The Chancellor and the Vice-Chancellor are *ex officio* members.

With the approval of the Council Professor J. G. Wood accepted an invitation to become a member of the C.S.I.R.O. Advisory Council and Professor L. G. H. Huxley accepted invitations to become Chairman of the National Standards Commission and a member of the C.S.I.R.O. Radio Research Board.

8. Awards Tenable Overseas

The year 1950 was notable for the number of awards tenable overseas won by young Adelaide candidates in Australia-wide competition. Mr. L. M. Jackman, a Junior Research Fellow in Chemistry, was awarded both an 1851 Exhibition and a Beit Research Fellowship; he could not hold both and accepted the Beit Fellowship, being the only Adelaide graduate known to the University administration to have been awarded one. Mr. P. M. Nossal, Lecturer in Biochemistry, also won an 1851 Exhibition. Mr. B. W. Holloway, a graduate in Botany on the staff of the Waite Agricultural Research Institute, was the first Adelaide graduate to receive a grant under the Fulbright Scheme; he also received a substantial scholarship tenable at the California Institute of Technology where he will study the fundamentals of plant viruses. Mr. K. P. G. Tregonning, Acting Lecturer in History and Political Science, won a Gowrie Postgraduate Research Scholarship which he will hold for two years at Oxford; and a substantial scholarship offered by Rotary International was won by Mr. C. S. Hocking, a Senior Research Scholar in Chemistry.

Mr. S. D. Kaneff, a Junior Research Fellow in Electrical Engineering, was invited by the American Institute of Electrical Engineers to read a paper on the results of his researches into "Some Aspects of Lightning Surges on Power Systems and their Suppression" to the Annual Meeting of the Association in 1951. The paper has been accepted by the Association for publication in its Journal.

9. The Teaching Year

Staff: The outstanding event of the teaching year was the filling of twenty new appointments to the academic staff following financial provision by the State Government in 1949 for twenty-eight new permanent academic posts. In a few cases it was not possible to secure candidates of the desired seniority and status and more junior appointments had to be made. Of the remaining eight posts created in 1949 but not filled in 1950, appointments were pending at the end of the year in six. The other two were the Readership in Mathematics and the Senior Lectureship in German.

Departmental Accommodation: The Departments of Physiology and Pathology moved from the Darling Building and the Institute of Medical and Veterinary Science respectively into the new Medical School. The floor in the Darling Building vacated by Physiology has been remodelled and will be occupied in 1951 by Organic Chemistry, while the release by Pathology of its rooms in the Institute of Medical and Veterinary Science has provided the Department of Bacteriology with much-needed space for its expansion.

Two rooms in the Mechanical Engineering Building made available by Professor Davis for the purpose were suitably partitioned to house the staff of the Department of Economics, which also shares Mechanical Engineering's lecture-room accommodation. Professor Robin similarly made two rooms in the Department of Civil Engineering available for the staff of the Department of History and Political Science and they were partitioned, furnished and occupied at the end of the year. The Department of Philosophy also moved to the second floor of the Arts (formerly Mathematics) Building in December.

The old Anatomy Dissecting Room was renovated and tastefully furnished as a Staff Common Room. It was used for the first time when Sir Alan Herbert visited the University in December. From the beginning of the academic year in 1951 light luncheon will, it is expected, be provided so that the staff will be able to lunch there in much quieter and more congenial surroundings than have obtained in the overcrowded Refectory in the post-war years. The cost of the Staff Common Room has been generously met by an anonymous benefactor.

Three tennis courts and two basketball courts were made behind the Benham and new Geology Buildings to provide greater recreational facilities for students.

New Courses: The appointment of Dr. M. F. Glaessner as Senior Lecturer in the Department of Geology enabled the provision of a course in Palaeontology which the Department has had listed but has not been able to give for many years. A new course in Social Biology was given by Dr. N. D. Crosby, Senior Lecturer in the Department of Human Physiology and Pharmacology, for students of Social Science. The Department of Economics will provide from 1951 onwards a one-year course in Social Economics for those students who wish or are required to take a one-year course in the subject but do not intend to pursue it further. The range of courses provided by the Department of Mathematics was substantially revised.

But perhaps the greatest effect of the new staff will be found in the greater opportunities that will be afforded for informal staff-student contacts and associations, and in the Honours courses where the students will have the advantage of tuition in small groups from a wider range of teachers with special interests in different aspects of the course.

Teaching Developments: Unprecedentedly large numbers of students were taught in the later years of the medical and dental schools, there being 286 students in the fourth, fifth and sixth years of the medical course and 55 in the last two years of dentistry. The many part-time lecturers and tutors concerned with the teaching of these students in their professional work carried out their heavy duties with inadequate accommodation and limited facilities in a manner and with a sense of service for which the University Council is indeed grateful. The lack of accommodation at the Dental Hospital forced a reduction of about fifty per cent. in the amount of practical experience on patients under skilled direction and supervision gained by advanced dental students compared with what their counterparts enjoyed in former days of much smaller numbers.

Size, however, involves its own problems, and a system which has served its purpose quite satisfactorily with small numbers may not be adequate as the numbers grow. Hitherto, since the establishment of the medical and dental schools, the teaching of the professional subjects has been in the hands of professional men who are able to give only part of their time to their teaching duties. There is substantial unanimity of opinion in both faculties that the time has come, for reasons concerning both the proper teaching of the students and the re-organisation of the courses of instruction themselves to meet modern needs, for the employment of full-time academic staff. The problem is one which must be attacked in the immediate future.

10. Study Leave

In its increased grant to the University for 1950 the State Government provided a special fund for the purpose of Study Leave.

The Vice-Chancellor was absent from early in May till mid-October on a visit to the United Kingdom. During his time there, Mr. Rowe visited many of the English and Scottish Universities, looked into several appointments which it had been found difficult to fill, and investigated some of the general problems of a modern University. He presented a full report to the Council on his return.

The Council appointed Professor M. L. Mitchell Acting Vice-Chancellor during Mr. Rowe's absence.

Professor Abbie left Adelaide in mid-May and returned early in August. He spent a little over a month visiting medical schools in the United States and went to London towards the end of June. In the United Kingdom he attended the International Anatomical Congress at Oxford in July and visited a number of medical schools and laboratories in the United Kingdom and in Holland. Of prime interest to him in the United States was the problem of medical education which he also investigated in the United Kingdom. On his return

he submitted a report to the Vice-Chancellor. The University is grateful to the Rockefeller Foundation for making a grant-in-aid to enable Professor Abbie to study and travel in the United States.

Dr. Burdon, who was awarded a British Council Travelling Grant, left Adelaide in mid-January and returned in September. Most of his time abroad was spent in the Birmingham Physics Laboratory, of which Professor M. L. Oliphant was then Director. The principal objectives of his leave were to compare courses in Experimental Physics in Adelaide with those in the United Kingdom and to see some of the research work in progress both in Universities and in industrial research laboratories in the United Kingdom. He was able to pay short visits to many United Kingdom Universities and to some industrial firms conducting research in Physics.

Miss Nancy Atkinson was absent from the end of November, 1949, to early April, 1950. She went to the United Kingdom via the United States of America, visiting bacteriological laboratories and research centres in both countries.

Mr. Farrent left in the middle of December to attend in Delhi a Conference of the International Association of Hydraulic Research, the Fourth Congress on large dams, and the first plenary session of the International Commission on Irrigation and Canals, and to participate in three study tours which had been arranged for delegates. He has been commissioned to make certain enquiries on behalf of the Engineering and Water Supply Department of the State Government, and on his return will furnish a report to the Minister of Works. The University intends that this report and similar services to the State in future shall be provided free of direct cost to the Government.

Professor Sir Stanton Hicks was granted leave for the second half of 1950. During his leave he attended the Eighth International Physiological Congress held in Copenhagen, and visited a number of Physiology and Pharmacology laboratories in the United Kingdom and Switzerland. He is returning by way of the United States of America and will visit a number of laboratories in that country. He was invited to contribute papers to the Physiology Congress at Copenhagen and at the International Pediatrics Congress held in Zurich.

Mr. Hirst went to the United Kingdom for two months during the long vacation to undertake a concentrated investigation into the methods of compiling indices of production in use in the United Kingdom and information about their reliability, a subject of importance to Australian economists, statisticians and industrial men.

Professor Huxley was absent for only about six weeks. The purpose of his leave was to enable him to present two papers on the physical characters of the upper atmosphere at an International Conference in Pennsylvania, U.S.A. He also visited the Massachussetts Institute of Technology and paid a very brief visit to England.

Professor McKellar Stewart went to the United Kingdom at the request of the Council. During the four months in which he was there he played an active part in the consideration of various appointments in the University. He also enquired into the establishment of a Chair of Education and presented a report on that matter to the Council after his return.

Dr. K. S. Hetzel, part-time Director of Medical Studies, was absent on leave during the first two terms of the year, when without cost to the University he visited the United States of America and the United Kingdom enquiring into the organisation of medical schools as well as into modern developments in the practice of Medicine.

Mrs. Ann Marshall, part-time lecturer in Geography, was enabled by a travelling grant from the Carnegie Corporation during the first half of the year to visit the Geography Departments of fourteen American Universities and to spend the spring semester in the University of California, where she taught climatology in place of Professor John Leighly and lectured on Australia in portion of one of Professor Sauer's classes. The information that she obtained on the organisation of different schools of geography, the various courses and the type of research work done by students in the senior years will be valuable in the development of our own School of Geography.

The Council approved of the allocation of a small part of the Study Leave Fund for the purpose of enabling members of the staff to attend such academic conferences within Australia as the meeting of the Australian and New Zealand Association for the Advancement of Science.

11. Public Lectures

Reviving a pre-war practice, the University arranged for 1950 a series of public lectures, as follows:—"Why do we wear clothes?" by Dr. S. W. Pennycuick, Reader in Chemistry; "Man, Life and Nature," by Professor Sir Stanton Hicks, Professor of Human Physiology and Pharmacology; "Agincourt and Philippi: Shakespeare's Studies in High Command," by Mr. C. R. Jury; "Some Applications of Chemistry to Medicine," by Dr. G. M. Badger, Senior Lecturer in Chemistry; "Francis Place (1771-1854): A Study in Radical Politics," by Professor G. V. Portus, Professor of History and Political Science; "The Fuel Problem, with Special Reference to Australia," by Professor E. C. R. Spooner, Professor of Mining, Metallurgical and Chemical Engineering; "Hydro-Electric Power Developments in Australia," by Mr. R. E. Vowels, Reader in Electrical Engineering; "Soil Fertility and the Wheat Harvest," by Professor J. A. Prescott, Director of the Waite Agricultural Research Institute; "Plants and Zinc Deficiency in South Australia," by Professor J. G. Wood, Professor of Botany; "A Hundred Years Ago Died Balzac," by Professor J. G. Cornell, Professor of French Language and Literature; "Brain and Mind," by Professor A. A. Abbie, Elder Professor of Anatomy.

At the request of the South Australian Branch of the Australian Institute of International Affairs the University sponsored three public lectures in the Bonython Hall by guests of the Institute. They were "The British Commonwealth in International Affairs" on June 26 by the Rt. Hon. R. G. Menzies; "The Ferment in Asia" on August 4 by Lord (Bertrand) Russell; and "The British Parliament" on December 7 by Sir Alan Herbert.

At the invitation of the Union Council His Grace the Archbishop of Canterbury addressed the University in the Bonython Hall on October 25.

Other public lectures given during the year under the auspices of the University included "Some Aspects of Australian Art" by Professor J. T. Burke, Herald Professor of Fine Arts in the University of Melbourne; "Recent Developments in Adult Education," by Professor Robert Peers, Professor of Adult Education in the University of Nottingham; "The Making of Law," by Sir Ivor Jennings, Vice-Chancellor of the University of Ceylon; "The Muskox Exercise in Northern Canada in 1946," by Dr. J. T. Wilson, Professor of Geophysics in the University of Toronto; the Joseph Fisher lecture in commerce on "The Economic Consequences of Scientific Research," by Professor J. B. Condliffe, Professor of Economics in the University of California.

The Bonython Hall was also made available for the first annual meeting of the Australian and New Zealand College of Radiologists, the annual conference of the South Australian Public Teachers Union and the Fifty-Seventh Congress of the Agricultural Bureaux of South Australia.

12. Research

General: In its first year of operation the General Research Committee, acting for the most part through its Executive Committee, systematised and consolidated existing activities, evolving efficient methods of administering the various grants and encouraging both original investigations and the training of suitable graduates in the methods and technique of scientific research.

New staff appointments reduced somewhat the teaching load of the permanent staff who had a little more time available for their own original work and for the encouragement and direction of young research scholars. The newly instituted research degree of Doctor of Philosophy has provided a goal for the latter and will, it is hoped, play a part both in encouraging greater numbers of able graduates to undertake research in the physical and biological sciences and in keeping high the levels of achievement.

State and Commonwealth Grants: In 1950 the State Government for the first time made a sum of money available specifically for general research purposes. The amount provided was £7,000 and proved most useful in enabling the University to support additional research scholars and to provide research apparatus and maintenance materials. Thirty-two projects were helped by it.

The programme supported by the Commonwealth Research Grant embraced 48 projects in 16 departments. As in previous years all the work was supervised, and much of it done, by the Professors and Lecturers; but there were also 35 research workers, mainly young graduates, of whom 27 were full-time and the remainder part-time or part-year. In addition, seven technicians were kept fully occupied in fabricating, installing, and maintaining essential equipment. The expenditure under this grant was £18,626, of which £13,555 was for salaries.

In the combined State and Commonwealth research grant programmes work was done on 80 projects in 21 departments. A detailed report will be published early in 1951.

In the *Bacteriology* Department, research on the microbiology of soils in South Australia was begun; comparative analyses were made of the microbal flora of two contrasting soils, one from Kangaroo Island and one from the mainland. The Salmonella centre defined cultures from all over Australia. Work on various phages continued, being concentrated mainly on staphylococcal phages and on phages active on plant pathogens of the Pseudomonas group. Work also continued on the adaptation of bacteria to various antibacterial substances, and the adapted organisms were compared with the original strains.

The *Botany* Department continued its work on problems associated with the mineral nutrition of plants, especially the role of nitrogen, zinc and molybdenum in metabolism. Large-scale ecological studies on the natural vegetation of soils of the upper South-East deficient in trace elements were begun and ecological studies on Southern Australian seaweeds and cytological studies on the native Australian flora were continued.

In the *Chemistry* Department, investigations into the natural products known as terpenes were continued throughout the year and the stereochemical structures of several alcohols were established. A novel and hitherto unexplored method for synthesising optically active organic compounds was developed in the laboratories, but it happened that some researchers in an American university were simultaneously engaged on work along similar lines and were first in the field with publication of their results.

Researches were also carried out on complex polycyclic aromatic compounds, some of which have carcinogenic properties. The elucidation of their structure is therefore of interest to medical science. Investigations were also begun into the carcinogenic properties of some azo-dye stuffs, another subject of medical interest in view of the widespread use of artificial colouring matters in foodstuffs and other materials.

Radioactive isotopes, notably radioactive cobalt, were used in the study of the structure of chemical compounds.

The Department of *Economic Geology* began a study of the mineral deposits of Eyre Peninsula and the construction of a tectonic map of South Australia.

Further progress was made by the Department of *Geology* in field mapping and petrological investigation of the sediments and embodied igneous contributions of the Adelaide system. A critical micropalaeontological study of the Tertiary marine strata of the Adelaide region was begun.

In the *Mechanical Engineering* Department performances of components of an experimental gas turbine including centrifugal compressor, liquid fuel injection system, flame igniter and combustion chamber at atmospheric pressure were studied. Equipment and calculations for research into the problem of dynamic damping of vibrations were completed, and experimental studies of absorber systems will begin in 1951.

Long-range projects comprising the investigation of meteor trails, ionospheric winds and ionospheric cross-modulation were developed

in the *Physics* Department, work in 1950 being directed to the construction of suitable receivers and transmitters and to precise laboratory studies of the motions of slow electrons in gases which relate directly to studies of the ionised regions of the upper atmosphere and permit estimates of the pressure and composition of the air to be made.

The *Zoology* Department continued its work in describing cephalodiscus collected by the British, Australian and New Zealand Antarctic Research Expedition, 1929-1931. The study of Australian free-living marine nematodes was begun and the description of the life cycles of Australian trematodes continued. A survey of coastal waters, as part of a wider investigation of the coastal ecology of South Australia, is in progress.

In addition to the normal work of the academic and research staff, a number of special investigations were carried on at the request of, and with funds provided by, organisations outside the University. The Department of Electrical Engineering did original work on high-frequency simulators for the analysis of power systems under a grant from the Electrical Research Board of the C.S.I.R.O., continued its studies of servo-mechanisms for the Department of Supply and Development, and investigated the problems of aerial design for high-speed aircraft with help from the Department of Air. The Physiology Department continued its work in aviation medicine for the Air Board, and began studies in the pharmacology of the Nicotine group under a grant from Burroughs Wellcome Ltd. The National Health and Medical Research Council made grants amounting to £4,380 to support the work of six graduates in medicine and in the basic medical sciences in the Departments of Bacteriology, Pathology and Physiology.

With the aid of a special grant from the State Government, the University embarked early in the year on a co-ordinated clinical and microbiological investigation of the then current epidemic of poliomyelitis. A preliminary survey of specimens from about 45 "polio" patients was made in infant mice, with negative results. But investigation of specimens from cases of Bornholm's disease, sometimes mistaken for polio in the early stages, revealed the presence of a virus causing paralysis in infant mice. Characterisation of this virus is proceeding.

13. The Waite Agricultural Research Institute

Professor J. A. Prescott was awarded the Australian Medal of Agricultural Science for 1950. The medal is awarded by the Australian Institute of Agricultural Science for service to Australian Agriculture.

Scientific work already in progress and previously reported was continued. In entomology a detailed study was made of the black field cricket and certain other pasture-attacking insects. Investigations were continued on certain fundamental aspects of insect physiology and ecology. The factors influencing the degree of infestation of cereal roots by eelworms and field and laboratory trials were made of new insecticides for use in controlling the lucerne flea. Fertility

studies of the Seddon series of soils from Kangaroo Island, an important area for soldier settlement, were continued and the complexity of the factors involved confirmed. A detailed study of factors controlling the rate of nitrification of organic residues in these virgin soils is in progress. Post-graduate studies included the soils of the Barossa Valley and the effect of electrodialysis on soils containing respectively kaolinite, montmorillonite and illite as their characteristic clay minerals.

New studies in agronomy included the study of competition during establishment in pastures of *Phalaris tuberosa* with other grasses and autoecological investigations of barrel medic (*Medicago tribuloides*). The permanent crop rotation experiments were modified and extended to provide information on the effects of pasture leys on soil fertility.

In genetics, the study of the cytology of Australian grasses was begun and the work on the breeding of oil crops was consolidated. Two new crossbred wheats passed the final stages of testing and will be available for release to farmers.

In plant physiology, a new phase of work was begun, following a reorganisation of the department. The main studies were concerned with transpiration from wheat and with the absorption by plants of chemical weedicides.

Climatological studies mainly concerned themselves with the characterisation of temperature regimes and with the comparison of Australian and Argentinian climates.

Dr. R. L. Crocker resigned to accept an appointment as Associate Professor of Soil Morphology in the University of California. Mr. N. S. Tiver resigned to take up an appointment in commercial seed production, and Mr. A. J. K. Walker to become senior agronomist in the State Department of Agriculture.

Mrs. E. L. Robertson was appointed systematic botanist in succession to Miss C. M. Eardley, who transferred to a full-time appointment in the School of Botany. Mr. A. G. Tyson was appointed agricultural chemist, Mr. L. H. May plant physiologist, and Dr. N. T. Flentje plant pathologist. Research scholarships or fellowships were awarded to Mr. D. G. Lewis, Mr. B. A. Roark, Mr. C. R. Kleinig, Mr. P. E. Madge, Mr. J. A. Zwar and Mr. N. C. Crowley. An additional UNESCO scholar from India was accepted for work in plant pathology.

Hitherto most of the work with plant viruses has been directed to their study as biochemical entities, and not to their role as causes of plant diseases. This gap, which falls within the province of the Department of Plant Pathology, is now filled by studies directed to ascertain what virus diseases are present in South Australia and, as a matter for more detailed research, what is the role of seed in the transmission of some of these diseases.

14. Barr Smith Library

At the end of the year the constitution of the Library Committee was varied by the Council so that the Committee will in future consist of the Chancellor and Vice-Chancellor as ex-officio members, two

members elected annually by each of the Faculties of Arts and Science, one member elected annually by each of the six other Faculties, Mr. F. W. Eardley, Dr. A. Grenfell Price and the Librarian. The object of the change is to reduce to a minimum the disadvantages arising from the short tenure of office of the Deans.

The necessity of subscribing to many important new journals as well as to Continental journals that had resumed publication, the general increase in the cost of books, journals and bindings, and devalution emphasised the need for increased funds for the Library. Wherever it was possible, exchanges were arranged between overseas scientific journals and the *Australian Journal of Experimental Biology and Medical Science.*

Since the Library will be full in two years at the present rate of growth, a systematic elimination of less important material was undertaken. The number of volumes discarded was greater than the number acquired. The books in each subject have been examined, and it is clear that the number that can still be discarded is small. Provisional arrangements have been made for storage-space during the next few years in the present Geology building.

15. The Elder Conservatorium of Music

Student Activities: One of the significant developments of the year was the increased student interest and participation in group activities, such as orchestra, choir and opera, which form so valuable a part of the training of a musician. Orchestral work was fostered by Mr. Lloyd Davies and Mr. Norman Sellick; string and woodwind chamber music by Mr. Harold Parsons and Mr. John Good; and opera by Miss Barbara Howard. The University Choir, under the conductorship of Mr. Allan Tregaskis and formed in part by students from other Faculties in the University, took part in the Bach Celebrations. Work in drama began under Miss Enid Lewis.

Interchange of Students: An interchange of students between the Elder Conservatorium and the University Conservatorium of Music, Melbourne, was arranged. Miss Rosemary Bassant, a Melbourne student of pianoforte, gave a public recital in the Elder Hall, and Miss Audrey White, an Adelaide student and also a pianist, gave one in the University of Melbourne. The interchange proved completely successful and has the support of the Directors of the University Conservatorium of Music in Melbourne and of the New South Wales State Conservatorium of Music.

Festival of Australian Music: A Festival of Australian Music — the first of its kind — was held in the Bonython Hall in March and April, when five programmes of contemporary Australian music were given. The Festival proved a stimulating experience to those interested in the development of Australian composition, the works of the younger composers being of particular interest. So successful musically was the Festival, that offers of co-operation and assistance in the promotion of such a festival annually have come from other quarters, including a grant of £105 from the Australian Performing Rights Association towards the cost of the next Festival.

Concerts: The Conservatorium provided during the year an extensive series of public concerts which included five Pianoforte recitals by Mr. Raymond O'Connell; three Violin Sonata recitals in which a number of new works were played by Mr. Lloyd Davies in association with Mr. O'Connell, Miss Dorothy Oldham and Mr. Clemens Leske; Sunday afternoon concerts throughout the winter term to large audiences; the usual series of mid-day organ recitals—at which, however, the audiences were disappointingly small—by Mr. John Horner and advanced students; and the normal programme of evening concerts by members of the Staff and advanced students. The South Australian Symphony Orchestra gave a lunch-hour concert in the Elder Hall on July 14.

Visitors: In September, Mr. Gerhard Willner, a visiting pianist from New Zealand, played the 32 pianoforte Sonatas of Beethoven, and his wife, Dora Willner, gave four Lieder recitals primarily for advanced students of the Conservatorium. As in the case of the recitals given by Mr. Thomas Matthews and Miss Eileen Ralf in 1949, those who attended received great stimulation and the value of the arrangement is undoubted.

Mr. Arthur Benjamin, distinguished Australian composer, visited the University in November and spent a day at the Conservatorium with young composers.

Conservatorium Library: During the year the Council approved of the North Hall being converted into a Library with specially built cupboards to house the music reference library. Part of the bequest of Dr. Ruby Davey will be used for the purchase of music and will thus enable the foundation of what should develop into the only adequate music reference library in the State available for the purpose of music education. Messrs. Novello and Co., Music Publishers in London, have offered to give any works from their catalogue and copies of future publications, and other offers of support have been received.

16. The Anti-Cancer Committee

The outstanding event of the year was the success of the Lord Mayor's Appeal for Cancer, which raised over £100,000, a cheque for that sum being presented to the Acting Vice-Chancellor at a public ceremony held in the Adelaide City Council Chamber on Monday, 2nd October, 1950. This munificent public support will enable the Committee to undertake important and substantial developments of its work, and the Committee has various projects under careful and detailed scrutiny at present. The Committee is indeed grateful to the Lord Mayor and to the Chairman of the Lord Mayor's Appeal Committee, Sir Oscar Isaachsen.

In the middle of the year, Dr. F. A. Dibden was appointed medical officer to the Anti-Cancer Committee and took up duty in July. His duties will be to organise and co-ordinate the work of the Radiotherapy Department under the direction of the Honorary Radiotherapist and to carry out such other work as the Committee may direct. The Committee has also decided to introduce a new system for keeping the records of patients suffering from cancer treated in

the Royal Adelaide Hospital and an assistant medical officer and a clerical assistant are being appointed for the work. When an adequate number of records are compiled in the new system, they will form the basis of what should prove to be a valuable and informative series of clinical researches.

17. The Post-Graduate Committee in Medicine

As in 1949, the number of graduates working under the Commonwealth Reconstruction Training Scheme declined considerably, only seven undergoing part-time training for higher degrees and one undertaking post-discharge training in a special category.

Eight graduates attended a three months' full-time course in preparation for the examination for Membership of the Royal Australasian College of Physicians held from July to September, twelve attended a three months' part-time course for Part I of the examination for the Fellowship of the Royal Australasian College of Surgeons and seven attended a series of lectures on the "Principles of General Surgery" in preparation for Part II of the examination, which will be held in May, 1951.

A full-time refresher course extending over a week and attended by eight practitioners was held in August; and the Committee arranged two week-end courses—one on "The Anaemias" and the other on "Peptic Ulcer"—which were attended by seven and fourteen practitioners respectively.

Two country courses, in each of which four specialists took part, were conducted during the year, one at Clare in February, and the other at Berri in October. Both country associations have requested further courses in 1951.

Lectures by interstate and overseas visitors included: "Toxaemias of Pregnancy" by Professor F. J. Browne, Emeritus Professor of Obstetrics and Gynaecology, University College, London; "The Present Status of Antibiotic Therapy with Particular Reference to Aureomycin, Chloromycetin and Terramycin," "The Use of ACTH and Cortisone" and "Hepatic Disease" by Professor F. G. Blake, Professor of Medicine at Yale University, who was the overseas lecturer for the Australian Postgraduate Federation in Medicine for 1950; the Edward Stirling lectures (two) for 1950 on "Experimental Work on Hypertension," by Dr. F. B. Byrom, of St. Vincent's Hospital, Sydney; "The Physiological Approach to Medicine, Illustrated by Renal and Hepatic Anoxia," by Professor Brian Maegraith, an Adelaide graduate who is now Dean of the School of Tropical Medicine in the University of Liverpool; and "The Course and Management of Syphilis" and "Disseminated Lupus Erythematosus and Pharmacology of Skin Diseases," by Professor Arthur Grade, Professor of Dermatology and Syphilology, Long Island College of Medicine, New York.

18. Official Visitors

There were many official visitors to the University during the year. Owing largely to the policy of the Australian National University of inviting distinguished scientists and scholars from overseas to visit Australia for periods of about three months and during that time

to spend a short period at each of the State Universities in Australia, the University—both staff and senior students—has received valuable stimulus from close contact with distinguished visitors from other Universities in the English-speaking world. Such visitors under the aegis of the Australian National University during 1950 were Sir Ivor Jennings, Vice-Chancellor of the University of Ceylon; Professor J. T. Wilson, Professor of Geophysics in the University of Toronto; Professor J. B. Condliffe, Professor of Economics in the University of California; Mr. J. S. Furnivall, an authority on the problems of Asia and of Colonial Development; Dr. Cyril James, Principal and Vice-Chancellor of McGill University; and Sir Howard Florey, Professor of Pathology in the University of Oxford.

On their way to the Inter-Commonwealth Universities Conference in New Zealand in August, four Vice-Chancellors and the Principal of the University of London paid a short visit to the University. They were Sir Philip Morris, of the University of Bristol; Dr. S. M. Hossain, of the University of Dacca, Pakistan; Mr. S. Sinha, of the University of Patna, India; Sir A. L. Mudaliar, of the University of Madras, India, and Dr. W. D. Logan, Principal of the University of London.

Mr. D. Emrys Evans, Vice-Chancellor of the University of Wales and Dr. John F. Foster, Secretary of the Association of the Universities of the British Commonwealth, visited the University on their return journey from the Conference.

Professor Robert Peers, Professor of Adult Education and Deputy Vice-Chancellor in the University of Nottingham, who came to Australia under the aegis of the British Council, spent a week at the University in March.

19. Gifts and Bequests

The late W. D. Grigg left the residue of his estate (estimated to be about £17,000) as an endowment for the purposes of the Waite Agricultural Research Institute. Over £8,000 has already been received from the executors of the estate and the University has established a Grigg Fellowship tenable at the Waite Institute for research into specific agricultural or pastoral problems, a use of the endowment which is consonant with the intention of Mr. Grigg in making the bequest.

The late J. T. Mortlock bequeathed £20,000 as an endowment to promote scientific research in the Medical School and £1,000 a year for fifteen years for the purpose of supplementing the work and objects of the Ranson Mortlock Trust for research into the prevention of soil erosion and the rehabilitation of eroded lands in the dry pastoral areas of South Australia. With forward vision, he also directed that half of his residuary estate be entrusted to the University for use in connection with the Waite Agricultural Research Institute, expressing the desire, but without imposing any trust or obligation, that a portion of this bequest should be used for extending the present buildings at the Institute, such extension to be known as the John

Mortlock Wing. The University will probably not receive the last-named bequest for many years, but it is expected to be a substantial sum when it becomes available.

The late Florence May Pontt bequeathed the sum of £200 to found a prize in Private International Law in memory of her late father, Thomas Gepp, to be awarded annually and to be known as the Thomas Gepp Prize.

Mr. Malcolm Moore gave £200 and Power Plant Ltd. £400 for the purchase of equipment for the Department of Mining, Metallurgical and Chemical Engineering, and in appreciation of the service rendered to Australian music and musicians by the Festival of Australian Music held in the Bonython Hall early in the year, the Australasian Performing Rights Association gave £105 towards the cost of the next Festival of Australian Music.

20. The Essington Lewis Laboratories

As a permanent mark of appreciation of the support accorded to the University for the Engineering School by the Broken Hill Proprietary Company, the Council named the laboratories of the Department of Mining, Metallurgical and Chemical Engineering in the new Engineering building "The Essington Lewis Laboratories." The Company's principal gifts have been £15,000 to endow the Chair of Mining, Metallurgical and Chemical Engineering, £10,000 for the Chair of Economic and Mining Geology, £5,000 for the Chairs of Mechanical and Electrical Engineering, and £5,000 for equipment for the first-named Department.

21. National Service

The Adelaide University Regiment, now slightly over 100 strong, was formed in 1947. In 1948, temporary quarters for the Regiment were found in a room vacated when the Department of Civil Engineering moved into its new building. In 1949, a much larger and more convenient room in the Physics Building was formally leased to the Commonwealth Department of the Army for the use of the Regiment, which has already distinguished itself and brought credit to the University by being the first unit to win for two years in succession, the R.S.S.A.I.L.A. cup in competition with all other units of the Citizen Military Forces.

In 1950, the Royal Australian Air Force decided to establish a University Air Squadron and recruiting began late in the year. The University has granted permission for the Air Force to erect a small building on the University grounds for the use of the Squadron.

22. Statistics

Number of Students: The total number of students was 4,664, a decrease of 88 on that of the preceding year. The number of students under the Commonwealth Reconstruction Training Scheme decreased from 1,162 in 1949 to 913; the number of civilian students increased from 3,590 to 3,801. The number pursuing full-time courses of study at the University was 2,055; of these 417 were C.R.T.S. students, 58 held Honours Bursaries and 145 Leaving Bursaries from the State

Government, and 163 received civilian financial assistance from the Commonwealth Government through the Universities' Commission; 963 members of the Adelaide Teachers' College and the Education Department of South Australia had their fees demitted, and 167 others received concessions in, or demissions of, fees, or held other scholarships or bursaries. The number of undergraduates was 2,370, of non-graduating students 1,313, and of postgraduate students 386. Of the non-graduating students 217 attended from the School of Mines. At the Elder Conservatorium 483 students studied principal subjects and 112 attended classes only.

The number of candidates studying for the B.A. degree was 648; for the M.A. degree 18; for the B.Ec. degree 79; for the M.Ec. degree 2; for the B.Sc. degree 450; for the M.Sc. degree, 40; for the D.Sc. degree 2; for the B.Ag.Sc. degree 43; for the M.Ag.Sc. degree 3; for the B.E. degree 453; for the M.E. degree 3; for the LL.B. degree 109; for the LL.D. degree 1; for the M.B., B.S. degrees 566; for the M.D. degree 12; for the M.S. degree 8; for the B.D.S. degree 104; for the M.D.S. degree 11; for the Mus.Bac. degree 5. The number of students taking the course for the diploma in Education was 156; for the diploma in Physical Education 35; for the diploma in Commerce 252; for the diploma in Public Administration 58; for the diploma in Pharmacy 180; for the diploma in Social Science 48; for the diploma in Music 33; and for the diploma in Physiotherapy 51. Eight students attended the course in Optometry.

The following figures indicate the changes that have occurred during the last eleven years (the numbers in brackets for 1948, 1949 and 1950 refer to trainees under the Commonwealth Reconstruction Training Scheme):

	1939	1948	1949	1950
Arts (including Education, Physical Education and Economics)	1,044	1,459(319)	1,460(304)	1,363(244)
Science	205	573(148)	510(93)	536(67)
Agricultural Science	14	52(17)	50(16)	46(10)
Engineering	297	765(213)	682(152)	648(106)
Medicine	180	515(144)	546(155)	586(139)
Dentistry	29	105(42)	103(36)	116(36)
Law	72	122(68)	113(56)	110(43)
Music (degree and diploma)	29	59(15)	31(5)	38(7)
Music (Conservatorium)	255	575(120)	649(89)	595(51)
Commerce	331	341(246)	278(167)	252(132)
Public Administration	46	55(39)	53(35)	58(34)
Pharmacy	82	139(30)	157(28)	180(23)
Physiotherapy	18	47(14)	53(11)	51(12)
Social Science	11	67(34)	59(14)	48(8)
Optometry	7	14(6)	8(1)	8(1)
Ph.D. Candidates				29
	2,620	4,888(1,455)	4,752(1,162)	4,664(913)

In 1943 the total was 2,184.

Evening Lectures: Evening Lectures were given in the following subjects: Accountancy I, II and III, Biology, Botany I, Chemistry I, Commercial Law I and II, Economics I and III, Economic History, Education, English Language and Literature I and II, Ethics, French I, Geography I, II and III, Geology I, History I and II, Latin I, Pure Mathematics I, Philosophy B, Physics I, Psychology, Political Institutions, Public Administration, and Statistics I and II.

The Barr Smith Library: Accessions during the year amounted to 4,610 volumes, and 5,633 volumes (mainly Calendars) were withdrawn, so that the total number of volumes in the Library is now 157,387. There was a considerable increase in the number of student borrowers, from 1,920 to 2,199, and they borrowed 11,267 books. Similarly, the number of students who joined the Country Lending Section, which was established for the use of exempted students in the Faculty of Arts, increased from 59 to 115.

23. Statutes and Regulations

A new clause was added to Chapter XXV of the Statutes, and amendments were made to Chapters IX, XXV and LXIV.

Regulations re-establishing the degree of Master of Agricultural Science were enacted, and amendments were made to the regulations governing the degrees of Bachelor of Arts, Master of Arts, Doctor of Letters, Bachelor of Economics, Bachelor of Science, Doctor of Science, Doctor of Laws, Bachelor of Medicine and Bachelor of Surgery, Doctor of Medicine, Bachelor of Dental Surgery, Doctor of Dental Science, Doctor of Music, the diplomas in Education, Commerce and Public Administration, and Music, the Elder Conservatorium of Music, the Public Examinations (Music) Scholarships and Prizes, and the Public Examinations.

24. Admission to Degrees and Diplomas

Degrees were conferred and diplomas were granted as follows:

At the Annual Commemoration on March 29:

Degree of Bachelor of Laws:

Abbott, Derek Athol Lempriere
Bennett, Henry Trevor
Cameron, Ian Edmund
Fisher, Francis Robert
Forster, William Edward Stanley
Gratton, Gordon Sydney
Matulich, Ross Noel
Muirhead, James Henry
Woodhouse, Roy

Degree of Doctor of Medicine:

Florey, Mary Ethel Hayter, M.B., B.S.

Degree of Master of Surgery:

Campbell, Allan Gordon, M.B., B.S.

Degree of Doctor of Philosophy:

Ad eundem gradum:

Robertson, James Struan, D.Phil. (Oxford)

Degree of Master of Dental Surgery:

Lindsay, Thomas Bruce, B.D.S.

Degree of Master of Arts:

Muetzelfeldt, Elfriede Elise, B.A.
Rosenhain, Geoffrey, B.A.
Wall, Barbara Deane, B.A.
Ward, Russel Braddock, B.A.

Ad eundem gradum:

Dunning, John Angus, M.A. (Oxford)

Honours Degree of Bachelor of Arts:

In English Language and Literature:

Felgenhaur, Robert Frederick, B.A.
Roder, John Herbert
Slee, Ian Bruce

In Political Science and History:

Ellis, Charlotte
Hart, Mary Margaret
Haynes, James Dalrymple
Paech, Bernice Mary
Tregonning, Kennedy Gordon Philip

In Economics:

Gilbert, Ronald Sunter

In Mathematics and Philosophy:

Adam, Elizabeth Anderson, B.A.

Degree of Bachelor of Arts:

Allert, Margaret Elizabeth
Byrne, Bernadette Marie Therese
Carmichael, Donald Ross
Choate, Max Paul
Daniell, Aileen Edna
Dinning, Rodney Alfred Brady
Farr, Alan Pembroke
Gann, Eric Crump
Gare, Lloyd, B.Sc.
Gilchrist, Robert James
Gillham, Doreen
Gliddon, William Aquilla Robert James
Gobbett, Thelma Jean
Gross, Patricia Mary
Gubbins, Heather Welch
Haese, Frederick Ernest Douglas
Hansen, Ian Victor
Harrington, Enid Gretta
Harrip, Brian John
Hart, Arthur Maxwell
Hester, Gwynn Thomas John
Hogan, Margaret Mary
Irving, Iris Mary
Kappler, Laurel Valma Joy
Kneebone, Nance Gordon
Lamshed, Albert Saville
Leach, Robert William
Lendon, Elspeth Lockett
Liston, Mary Howard
McBride, Mavis Anne
McDonald, Peter Baker
McGregor, Gordon Thompson
McLeay, Helen Mary
MacSkimming, Walt Ronald Auscot
Martin, Alfred William
Matters, Horace John
Molloy, Raymond Brian
Muirden, Elizabeth Alice
Murdoch, Bronwen
Ockenden, Garth Palmer
O'Connor, Deirdre Catherine
Parham, Elizabeth Ann
Renner, Johannes Theodore Erich
Riedel, Felix Daniel
Schultz, Gordon Ray
Scragg, Walter Robert Lambert
Semple, Kenneth Hugh
Sigmont, Victor Charles
Smale, Thomas Charles
Symonds, Ruth Caust
Usher, Emilie Pauline
Waldeck, Reginald David Chapple
Weston, Frank Keith
Whitington, Anne
Whittle, Edith Julia
Wilkinson, Stewart Rex
Willington, Lloyd Stanley
Wilson, Brenda Ruth
Wood, Collin James
Wood, Judith Ann
Zeppel, Frank Robert

Ad eundem gradum:

Benson, Maurice Bernard, B.A. (Lond.)

Degree of Master of Economics:

Hirst, Ronald Robert, B.Ec.

Honours Degree of Bachelor of Economics:

Boehm, Ernst Arthur, B.Ec.
Grant, John McBain
Raftery, George Aldborough, B.Ec.
Smith, Adrian Milton, B.Ec.

Degree of Bachelor of Economics:

Barry, Brian Robert
Higginbottom, Edwin John
Hourigan, Lloyd David
Manuel, Deane James Hubert
Mead, John William
Millard, Colin
Sturmey, Stanley George

Degree of Doctor of Science:

Lippay, Franz, M.B., B.S.
Stephens, Charles George, M.Sc.

Ad eundem gradum:

Badger, Geoffrey Malcolm, D.Sc. (Glasgow)

Degree of Master of Science:

Barnes, Thomas Alfred, B.Sc.
Crisp, Margaret Emily, B.Sc.
Day, Allan John, B.Sc.
Grant, Mary Raymond, B.Sc.
Hiscock, Ian David, B.Sc.
King, Donald, B.Sc.
Pettit, Rowland, B.Sc.
Potter, Brian John, B.Sc.
Sibly, Pamela Maslin, B.Sc.
Specht, Raymond Louis, B.Sc.

Honours Degree of Bachelor of Science:

In Physics:

Andrews, Murray William, B.Sc.
Colville, John Stuart, B.Sc.
Miles, Perry Ambrose, B.Sc.
Radoslovich, Edward W., B.Sc.
Stevenson, Donald George, B.Sc.
Thomas, John Angas, B.Sc.

In Chemistry:

Hocking, Colin Stanley, B.Sc.
Lewis, David Gray, B.Sc.
Lynn, Kenneth Roy, B.Sc.
McKay, Maureen Gordon, B.Sc.
Nicholls, Colin Herbert, B.Sc.
Shannon, James Stanley, B.Sc.

In Geology:

Darragh, Peter John
Dolling, Eleanor Ngaire
Howard, Peter Felix
Mumme, Ivan Albert, B.Sc.
Parkinson, Kevin John, B.Sc.
Spry, Alan Herbert, B.Sc.
Wilson, Robert Bruce
Wymond, Alonzo Pearse, B.Sc.

In Botany:

Coaldrake, John Edward, B.Sc.
May, Lancelot Harris, B.Sc.

In Biochemistry:

Appleby, Cyril Angus, B.Sc.
Hine, Denise Charlotte, B.Sc.
Wincey, Cynthia Weaver, B.Sc.

In Anatomy:

Hone, Michael Raymond

Degree of Bachelor of Science:

Aldersey, Algernon Lumley Haydon
Appleby, Ronald Louis
Beecham, Anthony Frank
Biddle, Gordon Crawford
Bills, David Charles
Blaskett, Alan Charles
Blight, John Malcolm
Bonner, Brian Christopher
Boundy, William Stevenson
Brasch, Leonard William
Bray, Robert Stow
Buckley, Joseph Edward
Burnside, James Patrick
Chappell, John Graham
Chartres, Bruce Aylwin
Clarkson, Colin Lloyd
Cole, Reuben Herbert George
Collins, Frank Miles
Cooke, Frank Edward
Cooper, Maxwell
Coulls, Brian Helston
Davies, Rodney Deane
Dennis, Edwin

Dorman, David Charles
Edgerley, Mark William
Ellis, Brian David
Fraser, Duncan Lovat Radcliffe
Goldsworthy, Eric Roger
Gross, Gordon Flinders
Hall, William Oswald James
Haselgrove, Janet Storrie
Haskard, John Rex
Hogben, Roy
Hopkins, Brian McDonald
Howard, Rex Trowbridge
Hutchinson, Colin Frederick
Irving, Denys Benson
Jeffery, Margaret Wyn
Jenke, Dudley Conrad
Jenkins, Heather Gordon
Jephcott, Bruce Reginald
Johnson, Keith Douglas
Keynes, Doris Ruth
Lane, Douglas James
Laslett, Ian John
Lawton, Peter Alan
Leach, Ronald Hubert
Lewis, Graham Ethelbert
Lewis, Sylvia Hilda
Liddy, Desmond Terence
Linn, Helen Kathleen
McGrath, Kelvin Paul
Meaney, Maxwell Francis
Moore, Robert Brian
Morey, Burnard Spondley
Morphett, Anthony Eddy
Morris, Lenore
Moyle, Francis James
Parker, Murray Harold
Provis, Douglas Franklin
Rayson, Patricia
Reynolds, Howard
Rimes, Garnett Dean
Rowe, Stanley Edgar
Sanderson, John Gavin
Schroder, Judith
Schwab, Gordon Ernest
Seidler, Jan Hynek
Skinner, Brian John
Taylor, Kevin Lyle
Thomas, Milton
Thompson, Aileen Joyce
Thomson, Bruce James
Urwin, Jack Robson
Webling, Donald D'Arcy
Weiss, Alan Austin
Wellby, Maurice Lindsay
Westphalen, John Arthur
Williams, Arthur Charles
Wilton, John Barrett
Wollaston, Joycelyn Mary
Woodward, Oliver Gordon
Wright, Robert Errol
Ziesing, George Murray

Degree of Doctor of Philosophy:

Ad eundem gradum:

Huxley, Leonard George Holden, D.Phil. (Oxford)

Honours Degree of Bachelor of Agricultural Science:

Carter, Edward Diment, B.Ag.Sc.
Mayo, George Melrose Elton, B.Ag.Sc.

Degree of Bachelor of Agricultural Science:

Botham, John Robert
Burton, Maxwell Victor
Geytenbeek, Peter Everard
Higgs, Edward Davies
Kleinig, Cyril Raymond
Lohmeyer, Vivian Keith
Nankivell, William Field
Ryan, John William
Symon, David Eric

Degree of Master of Engineering:

Fisher, James Hubert Thomas, B.E.

Honours Degree of Bachelor of Engineering:

In Civil Engineering:

Crisp, John Douglas Correll

In Electrical Engineering:

Allen, Murray William
Taylor, Colin Stephen, B.E.

In Mechanical Engineering:

Bray, Andrew Mackie
Stapledon, Roger Johnson, B.E.

Degree of Bachelor of Engineering:

Allardice, John Graham
Backhouse, Paul Vivian
Bath, Donald James
Bazeley, Francis
Bosher, Peter Abel
Brokensha, Peter
Calder, Ronald Rex
Causby, Donald James
Chesterman, Harry Martin
Craig, William Alexander
Davis, Kingsley
Dearman, Cyril Henry
Evans, Owen Ross
Fahey, John Kevin
Gehling, Lorenz Wilfred
Graham, Roger Dean
Hillier, Howard Armstrong
Holden, Robert William
Jennings, Bruce Arthur
Jennison, Raymond Barraclough
Kinnear, Andrew Munro
Ligertwood, James Arthur
McBryde, Ian Balfour
McGowan, Norman Leslie
McKinnon, Robert Keith
McMichael, Kenneth Brice
Mansfield, Eric William
Marsh, Charles William
Mitchell, William Robert
Mueller, Malcolm Dudley
Muirhead, David Robb
Murray, Noel William
Neck, Maurice Allan
Noblett, David John
Page, Maurice Roy
Pannell, Peter John
Parsons, Albert Christian
Paterson, John Levett
Purdam, Irving
Reed, Robert David Geoffrey
Russell, Frank Henderson
Smith, Brian Hartley
Story, Gordon Malcolm
Sweeny, Murray Frank
Tapp, William Pelton
Trott, Lyndon Rodney Eyre
Vincent, Francis William
White, Hedley John

Degree of Bachelor of Science (Engineering):

Hill, Kenneth Arthur

Degree of Bachelor of Music:

Giles, Allan Leonard

Diploma in Secondary Education:

Altus, Rudolph Herman, M.A. (Melb.)
Bartleet, Nancy Irene, B.A.
Carthew, Lancelot, B.A.
Donnellan, Teresa Marie, B.A.
Elder, Audrey Olive, B.A.
Fisher, Ruben Walter Alfred, B.A.
Forsyth, Elliott Christopher, B.A.
Hart, Arthur Maxwell,
Hickey, Kathleen Veronica, B.A.
Higgins, Alfred James, B.A.
Lillecrapp, Douglas Arthur Julian B.A.
Marshman, Ashley Mead, B.A.
Matters, Horace John
Mules, Betty Lavina, B.A.
Ockenden, Garth Palmer
O'Neill, Marguerite, B.A.
Reynolds, Maxwell Stanley, B.A.
Scriven, Murray Walter, B.A.
Tomlinson, Betty Mary, B.A.

Diploma in Primary Education:

Davis, Robert Bruce, B.A.
Gent, Alan Franklin, B.A.
Gilchrist, Robert James
Glynn-Roe, Wilfred Joseph
Keynes, Nanette Joan, B.A.
Lynch, John Henry, B.A.
Traeger, Keith Terence, B.A.
Twartz, Clement Wilford
Whalan, Lionel Walter, B.A.
Wilkin, Ray Eber, B.A.
Willington, Lloyd Stanley

Diploma in Pre-Primary Education:

Harris, Lorna Muriel, B.A.

Diploma in Arts and Education:

Ashton, Walter Ray
Baker, Harvey Laurence
Brideson, Colin Herbert
Buick, William George
Campbell, Barbara
Charlesworth, George Harvey
Considine, Thomas John
Coppock, Alfred Arthur
Davies, David William
Edwardes, Arthur Diedrich

Evans, Ben Owen
Ey, Sheila Margaret
Farrow, Robert Murray
Foweraker, Alma Muriel
Guerin, Robert
Hakendorf, Hansie St. Clair
Hall, Clifford Thomas Robert
Harrip, Elva Ray
Harrison, Ruth Olive
Hecker, Coral Gladys
Howell, William Ewart
Humphries, Arthur Cecil George
Hussey, Francis Leitch
Jenkins, Merle Nona
Judd, James
Kissell, Thomas Alfred
Lock, Dorothy Marie Jeanne
McLay, Andrew Harold
McRostie, Keith Henry
Martin, John William
Mulraney, Leslie Patrick
Natt, Geoffrey
O'Leary, Patricia
Paice, William Osborne
Palmer, Rachel Dawn
Peake, Archibald John
Phillips, Ronald Osborn
Quigley, Francis James Leo
Reincke, Kevin
Rowe, Rex Norman
Ruediger, Malcolm Milton
Sage, Harold Robert
Sando, Clarice Melva
Smith, Constance Ethel
Smith, John Henry
Smith, Reginald John Wayne
Tabor, Barbara
Taylor, Douglas McLeod
Tindall, Mildred Florence
Torr, Alison, Ruth
Vaughan, Matthew Ferdinand
Vogelsang, Arthur Ernst
Wellington, Douglas Erwin
Wilson, Gwendolyn Moore

Diploma in Music:

Dick, Pauline May
Gray, Lorna Dorothy
Klose, Patricia Mary
Mills, Gene Louise
Perry, Margaret Fay
Smith, Margaret Joan
Verco, Alison Martha

Diploma in Commerce:

Abbott, John Raymond
Baxter, Donald Bruce
Bice, Norman Percival
Carter, David Burleigh
Cole, Geoffrey Lloyd
Davey, Richard Howard
Dunn, Raymond Keith
Faull, Kevin Barton Woodfield
Flew, John William
Fogarty, Stanley Patrick Joseph
Hastwell, Robert Duncan
Heitmann, Colin Richard
Johnston, Noel Stuart
Levett, Geoffrey Frederick
Mehrtens, Bronte
O'Dea, John Leonard
O'Grady, Michael James Anthony
Paltridge, Angus Lindsay
Safra, Benjamin Louis
Simmons, Peter James
Smith, Margaret Shea
Treleaven, Ross
Trimmer, Noel Donavan
Tucker, Colin Pryor
Underhill, Joseph Douglas
Valentine, Thomas George
White, Jack Walter Robert
Wildy, Mervyn Arthur George
Wilson, William Norman

Diploma in Public Administration:

Anthoney, Ernest
Simmons, Donald William, B.Ec.
Tillett, Arthur Colin

Diploma in Pharmacy:

Carnie, John Alfred
Coorey, Brian Norman
Coultas, Ronald John
Currie, Robert John
Duncan, John Davidson
Fenn, Donald George
Francis, Robert Leonard
Fraser, Wallace
Hibble, Ross Ernest
Hill, Dudley Clarke
Johnson, John Kenneth
Jones, Douglas Perry
McNeil, Keith Albert
Ramsey, Colin Bruce
Rowe, John Crawford
Russell, Norman
Scrivener, Desmond Arthur
Smyth, Neil Lawrence
Southam, Sydney Anthony
Ware, John Brian
Wyld, Robert Bowen

Diploma in Physical Education:

Bullock, Ivor George William
Chapman, Denise Alcon
Eldridge, Diana Melbourne
Fromén, Petrea Elsie Dora
Hodgson, Geoffrey Arthur
Jensen, Richard Ian Broughton
Rowe, Joy Dorothy
Torr, Alison Ruth
Wollaston, Elise Margaretta

Diploma in Social Science:

Clarke, Walter Frederick
Clegg, Donald Stanley George
Ellis, Joan Mary
Gow, Alwyn Mona King
Hicks, Elizabeth Joan
Hunter, Geoffrey Norman
Jenkins, Merle Nona
Liston, Doreen Bice
Lorking, Diana Pauline Elizabeth
Michell, Aithnah Howard
Roberts, Barbara June
Streicher, Joan Patricia
Tarbath, John David
Wilson, Shirley Camcron

Diploma in Physiotherapy:

McElroy, Margaret Joyce

At a meeting of the Council on June 30:

Degrees of Bachelor of Medicine and Bachelor of Surgery:

Bateman, Peter Patrick
Calder, Shirley Hilda
Croucher, Colin
Linn, John Graham
Mueller, Merna Alma
Roberts, Joseph Armistice
Topliss, John George
Walsh, Brian Richard

Degree of Bachelor of Arts:

Magarey, Kevin Barry

Degree of Bachelor of Engineering:

Deer, William Henry
Leske, Clive William
Luxton, Clarence Richard Paul

Diploma in Commerce:

Barclay, William John

Diploma in Social Science:

Aitken, Judith
Hill, Josephine Margery
Teate, Elizabeth

At a meeting of the Council on December 15:

Degrees of Bachelor of Medicine and Bachelor of Surgery:

Brisbout, John Augustus Roger
Bryan, Claude John Dennis
Cohen, Alexander Kevin
Creed, Philip John
Dilworth, Nerida Margaret
Jones, David Lewis
Kessell, Maurice
Levitt, Solomon
Lewis, Stuart Hayes
Lungley, Sheila Amelia Gordon
McCallum, Maurice Daniel
O'Hara, Brian Isidro
Samelowitz, Neil
Vivian, Arthur Brian

Degree of Bachelor of Science:

Dowding, Alan Lorimer

Degree of Bachelor of Dental Surgery:

Brown, Kenneth Aylesbury
Brown, Tasman
Clements, Trevor Murray
Coombe, Robert John
Daenke, Lachlan Lewis
Dunstan, Ian Henderson
Hodgson, Ian Harold
Hood, Vivian George
Kennare, Hugh Daley
Lake, Blair Hingston
Leach, Raymond Basil
Martin, Trevor Wallis
Muirhead, Andrew Makinnon
Nicholas, Herbert Ahearn
Phillips, Basil Wright
Pynor, Donald Edward
Reiners, John Alexander
Ronald, Ian Douglas
Sims, Milton Reginald
Smart, Lawrence Maxwell
Stanton, Robert Anthony
Thompson, Leonard Arthur
Trott, John Richard
Vawser, Paul Frederick
White, Francis Richard

Diploma in Physiotherapy:

Appleby, Dorothy Dawn
Clark, Genevieve Mary
FitzPatrick, Eril Margaret
Gray, Janet Lesley
Job, Kathleen
Mackie, Margaret Irene
Maloney, Patricia Kathleen
Newton, Margaret Betty
Rischbieth, Anne Helen
Rofe, Margaret Jean
Sims, Enid Helen

25. Accounts

An abstract, duly audited, of the income and expenditure during the year 1950 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 1950.

Signed on behalf of the Council,

J. MELLIS NAPIER,

Chancellor.

Adelaide,
27th April, 1951

COMMEMORATION ADDRESSES

The Annual Commemoration was held on Wednesday, April 4, 1951. The Chancellor, in opening the proceedings, said:

Your Excellency, Mr. Vice-Chancellor, Mr. Warden and members of the Council and Senate of the University:

Before I enter upon my address there are two things that I wish to say:

First I have to thank Your Excellency for once more honouring us with your presence, and I should like to express the pleasure with which we see that Lady Norrie is sufficiently recovered from her recent indisposition to be able to be with us this afternoon.

Secondly, I should like to congratulate Professor Prescott upon his election as a Fellow of the Royal Society. It is a great distinction and marks the respect in which his work is held on the other side of the world.

Ladies and Gentlemen, we are met for the annual ceremony of conferring degrees, and the occasion calls for a brief retrospect of the year that is gone, but, in the time at my disposal, I do not propose to attempt any detailed account of our transactions, or of the changes that have taken place in our personnel. These will be found in the Annual Report of the Council. But I wish to add to that report a public expression of our gratitude to those whose services we shall no longer have, and of welcome to those who have come to join us.

This is a time of flux and change, and although every University must—of necessity—have its own peculiar problems, the University of Adelaide is conforming to the general pattern of change, and of preparation for a future that no one is able to foresee with any pretension to certainty. In its report for 1949 the Council referred to the mixed feelings of hope and anxiety with which we faced the years then ahead. I am glad to be able to tell you that our hopes have been very largely fulfilled, and, if we can assume a measure of national and international stability, which it is beyond our power to control or influence, I should say that our anxieties for the future have been very largely allayed.

The problem that has overshadowed every other is, of course, the difficulty of finance—through this period of rising prices—when unavoidable expenditure seems always to keep a jump ahead of available income. By the generosity of our benefactors and by the conservation of our funds in earlier years, we were—until recently—in the fortunate position of being able to pay our way out of our own resources, with the aid of a modest grant from the Government of the State. As the result of circumstances beyond our control, that happy state of affairs has been changed. There have been two main factors. First, in order to meet the demands of the post-war period the University entered upon an extensive building programme, which was undertaken—very largely—at the instance of the Governments of the State and Commonwealth. It was thought that the capital expenditure would be met out of the funds made available for that purpose, but the calculations of that time have been falsified by the abnormal rise

in costs, and a very substantial part of our reserves has been expended in meeting the excess over the costs as originally estimated. We have the capital assets, and the money has not been wasted, but our liquid resources have been curtailed. The second factor which I had in mind is, of course, the fall in the purchasing power of money. The nominal income from our endowments may remain at the same figure, but, in effect, our endowments have shrunk to half or less than half of their former value.

In these circumstances the University was compelled, in 1949, to appeal to the Government of the State for financial assistance. When I was speaking to you last year, I acknowledged the generosity with which that appeal had been met, and in the Annual Report you will be able to see that the help then given has been turned to good account by way of filling vacancies and new posts, by the establishment of Study Leave, and by increased expenditure upon research. But, as "desire doth outrun performance," so in these days it would seem that a balanced budget is like the will-o'-the-wisp—ignus fatuus—which always leaps ahead of us no matter how we chase it. And in this last year we have been compelled to face the facts, and to put our position to the Government, namely, that we cannot carry on without further assistance.

It was not to be supposed that our representations would go unheeded, and the difficulties of which I have spoken are by no means peculiar to Adelaide. I doubt whether there is any British University which is not more or less dependent on State aid at the present time. Recognising this, and recognising further that no University can long survive on the basis of a hand-to-mouth existence, the Government of the State has offered to provide a grant which will enable a reasonable budget to be balanced from year to year. It seems that an assessment of what is "reasonable," in this context, can be based upon the offer of the Commonwealth Government to make funds available for the development of Australian Universities upon conditions which have been laid down. I think that there is ample support for such an assessment, in a comparative survey of the British provincial universities, submitted to the Council by the Vice-Chancellor after visiting the Universities of the United Kingdom, and if this basis is accepted, the University of Adelaide faces a three-year period of expansion to an agreed figure. It behoves us, therefore, to think ahead, and to plan wisely for the advancement of the purpose that we serve.

I think that I am speaking for the Council when I say that our hope is that this adjustment of our finances, and this expansion of our emprise, can be effected without any sacrifice of the tradition that we have inherited with our trust. In a time of change the problem is to assimilate new ideas, and at the same time to "hold fast to that which is good"—in this case, to the independence and the catholicity which is our tradition. In the last year or two we have had an abnormal influx of new blood—or shall I say "new wine"—and the stimulus of its influence will be felt increasingly as time goes on. From time to time this may involve some stress and strain in the existing structure, but the process of assimilation is proceeding

smoothly, and I have no fear that the "old bottle" will "break" or the "wine" run out.

Another important step which was made possible, by the assistance given to the University in 1949, has been the establishment of the Study Leave fund, which is going a long way towards overcoming the grave handicap imposed upon the Universities of Australia by their geographical position, and our isolation from other centres of study and research. The scheme is working well, and as time goes on the advantages to the University are becoming more and more apparent. The benefit is not, of course, limited to the knowledge and experience gained by the individual. Study Leave is a most important means of enabling us to maintain contact with the general current of academic life and thought, and of maintaining the reputation of this University in other parts of the world. As a case in point, I might refer to what happened to Mrs. Ann Marshall—a part-time lecturer in Geography. She was given a grant of no more than £50 from the Study Leave fund to supplement a travelling grant from the Carnegie Corporation. In the course of her visit to the U.S.A. she was able to spend the Spring semester in the University of California, where she was invited to lecture in the stead of the Professor of Climatology and to lecture upon Australia. The manner in which these duties were carried out has established a link of friendship and mutual respect between the two Universities.

An outstanding event of the year has been the visit of the Vice-Chancellor to the Universities of the United Kingdom. During his absence it was necessary to appoint an Acting Vice-Chancellor, and I desire to express to Professor M. L. Mitchell our appreciation of the manner in which he filled the vacancy and discharged the duties of the office. If you have not yet done so, I hope that you will read the brief summary of the Vice-Chancellor's "impressions," circulated with the invitation to this gathering. And I call attention to his offer to lend a copy of the full report, as prepared for the information of the Council, to any one who is sufficiently interested in these matters. I trust that I am not indulging in wishful thinking, when I say that a careful study of the comprehensive report, and its appendices, has convinced me that this University is facing its problems with a proper sense of values, and a full appreciation of our difficulties. What remains is to make the fullest and best use of the ways and means at our disposal, and this we shall try to do.

In speaking to you last year I referred to the Faculty of Arts, and I take this opportunity of saying—as it were—"hail and farewell" to Professor D. Nichol Smith, formerly Merton Professor of English Literature in the University of Oxford, who came to us in August last, and leaves very shortly on his return to England. His brief tenure of our Jury Chair of English Language and Literature has been of the greatest assistance to the Faculty of Arts and to the University as a whole. In wishing the Professor and Mrs. Nichol Smith a safe return to the other side of the world, I can only express the hope that their stay in this country has been as pleasurable to them as it has been profitable and pleasurable to us.

I suppose that the problems of every University can be roughly divided into two classes—technical and general. This is not the

occasion to discuss problems which require specialized knowledge, nor should I be qualified to discuss them, if it were. I have been looking through a report on the work done in 1950 by way of "Research in the Physical Biological and Social Sciences." The record is "impressive." I should say that I had some hesitation in using the word, in that context and in these precincts, but I have looked it up and I see that it means "able to excite deep feelings." Well, our record excites in me a great desire to understand, but as I have said in another context, "how desire doth oft outrun performance," and the result of my effort has been to convince me that, as time goes on, I know—relatively—"less and less about more and more." So I shall not refer further to research or to technical problems, but the fact is that I—who have hitherto regarded myself as a fairly well informed person—am obliged to concede my abysmal ignorance of so many things, and this fact emphasises the difficulty and the urgency of the general problem of combining specialization in study with the breadth of outlook—the wisdom and understanding—that we associate with the idea of a University.

As the Vice-Chancellor has pointed out in his "impressions," there are some who advocate an attack upon this problem by a revision of curricula. I have no doubt that something along these lines may be feasible and desirable, but this is primarily a matter for the faculties, and speaking for myself, I can see no satisfactory solution which does not use the alternative line of attack, namely, by inculcating and "maintaining a true university spirit, with teachers and taught of all faculties mingling together both within and without the formal hours of instruction." This is what I have advocated, whenever the opportunity has occurred, and I make no apology for once more stressing it as an objective—which we must keep always in view.

The report of the ViceChancellor shows that the cost of providing halls of residence for the bulk of our students would be far beyond our means, and, as he points out, a vastly cheaper solution should be practicable. I quote from his "impressions"—

> "The bulk of the students of our University live at a comfortable distance from it, and their needs would be met by adequate Union and refectory buildings, with comfortable common rooms, a library, rooms for indoor recreation and facilities for evening meals. The cost of these facilities would not exceed one-fiftieth of that involved in building halls of residence. In addition, there is a need to extend college facilities for students who cannot live at home."

As a first step towards "the good life" of the University we have been able to do something that was, I think, worth while. A part of the old anatomy building has been fitted and furnished as a staff club, where permanent members of the staff can meet and have light meals in pleasant and comfortable surroundings. The cost has been most generously met by a benefactor whose identity has not been disclosed even to me. But whether he is here or not I should like to thank him for very substantial help, given where I think that it was most needed. It must be remembered that our understanding with the State Government takes care of income expenditure upon necessities, but the

amenities of which we are speaking involve capital expenditure, and are not "in the bond." For any purpose of this kind we must rely upon private benefactions.

But, while I am upon the subject of a communal life, I think that I should say that there is one activity of the University which deserves more support than it is now receiving. I refer to the University Regiment, which was formed in 1947, and the University Air Force Squadron, which the R.A.A.F. is in the course of forming. The regiment has proved its efficiency by winning the R.S.L. Cup for two years in succession, in competition with the C.M.F. throughout the Commonwealth. The Cup was recently presented by His Excellency, and I think that he will agree that this success and the appearance of the regiment on that occasion reflects credit on the members. But I take this opportunity of suggesting to our students that this is one way in which they can join in the communal life of the University, and at the same time show their appreciation of the privilege of living in a free country and enjoying the amenities which it is able to give them.

The various gifts and bequests received during the year are noted in our Annual Report, but it is right to make some special acknowledgment of the bequest by the late Mr. W. D. Grigg of the residue of a substantial estate (over £8,000 has already been received) as an endowment for the purposes of the Waite Agricultural Research Institute. And I would likewise acknowledge the generosity of the late Mr. J. T. Mortlock, who bequeathed £20,000 as an endowment to promote scientific research in the Medical School, and £1,000 per annum for fifteen years for the purpose of supplementing the work and objects of the Ransom Mortlock Trust for research into the prevention of soil erosion and the rehabilitation of eroded lands in the dry pastoral areas of South Australia. A further bequest out of residue will eventually become available for use in connection with the Waite Agricultural Research Institute.

Before I close I wish to speak to those who will now be presented for their first degrees. I ask you to think of yourselves, not as now leaving the University, but as entering upon your membership. It seems to me that there are things that we can do—as I hope that we shall—to hold our graduates together more closely than we have held them in the past. But whether that hope is realised or not, this is your University. You have been privileged to attend it, and you have shared in the things provided by the generosity of our benefactors, for your use and edification. No obligation is involved, but in point of pride and conscience you may feel that you are not content to take from the past without giving to the future. If that is how you feel, then in the sad state of the world at the present time you will find no difficulty in seeing avenues of service. You now stand, as it were, at the gate of the year. Outside your paths diverge, but whatever your vocation may be, you have been equipped for a life of usefulness. If in the years to come you can "love the game above the prize"—if you are "worthy of the vocation wherewith you are called"—then, any obligation you may feel towards this University has been honourably discharged, and so—Godspeed.

In opening the proceedings at the evening ceremony for the granting of diplomas, the Dean of the Faculty of Arts (Dr. A. Grenfell Price) said:

Mr. Chancellor, Mr. Vice-Chancellor, members of the Council and Senate, Associates and Diplomates,

In addressing you, who have qualified as Associates or Diplomates of the University, two thoughts come into mind. The first is to offer you warm congratulations because you have succeeded in gaining qualifications which will advance you in your professions. Even warmer, however, are the congratulations because you have mastered, in your various courses, hard, basic subjects designed to give that training in intellectual effort and judgment which is so essential to success in life.

The second thought that comes into mind is one of envy: the envy of the old for the young who are going out to face the many fascinating problems and difficulties which are arising from this crisis in our civilisation. In the words of a Chinese proverb, "My friend, may it be your fate to live in interesting times." That is the fate of each one of you—to live in times when man is pressing forward and acquiring knowledge with ever increasing speed, times when the citizen of a free democracy has at his disposal a world-wide field of learning.

Nearly twenty years ago I had the honour to represent Adelaide at the Centenary Celebrations of the University of New York, celebrations which were attended by delegates from almost all civilised countries. That Conference discussed the duties of the Universities in a changing world, and to the surprise of one who came from Australia, the chief emphasis was placed upon the relation between the Universities and spiritual values. The English poet, Alfred Noyes, in an arresting and far-sighted address, pointed out that, during the previous fifty years, a change had been coming over the civilised world, a change not unlike those that had heralded the downfall and destruction of former civilisations, a change that was due to one cause and one cause only—the loss of any central and unifying belief. We had lost, said Noyes, not only the old dogmas, creeds and traditions, but the spirit that once vitalised, informed and developed those dogmas, creeds and traditions. Moreover, we had developed nothing of a higher order to take its place. The result was that there was never a time so chaotic in all its judgments, so unable to discriminate between good and bad, so bewildered about all the vital things that belonged to our peace.

Noyes held that there was one hunger that would never be appeased by bread or circuses. The discontents of the world were not due to economic causes. They were due to the unsatisfied hunger for the things that belong to our peace in the house not made with hands. Our fathers believed that the soul of man was created for the vision of a distant but true and abiding country, and there was happiness because the vision gave a meaning and purpose to life. Never was there a time when the Universities so needed to offer up the prayer of the wise king who thought that wisdom did not consist of mathematical knowledge, but in an understanding heart, able to discriminate between good and evil.

That was twenty years ago, and during those twenty years the clouds have darkened, and the crisis deepened, both in our civilisation and in our Universities which are so important a part of that civilisation. Is it unfair to say that for many people a mode of life based on scientific progress has been replacing a mode of life based upon spiritual values, and that, during the transition, the physical and biological sciences have advanced so rapidly that the problems which they have created have grown quite out of hand? The medical scientist, for example, is doing so much to create over-population in parts of almost every continent, that Japan and Korea may prove to be only the prototypes of population explosions that may well devastate every continent, including our own. The physical scientist, on his part, is giving us—to misuse—forces of unparalleled magnitude, although here perhaps nature may be moving to restore her balance, and will remedy such problems as over-population by the devastation of the atomic bomb. Some of the trouble may be due to the fact that we have allowed our development of the Social Sciences and Arts to lag sadly behind our progress in physical and biological science, with the result we have failed to equip humanity to understand or to meet the new needs. In 1933, for example, I saw the work of a great American institution which was spending vast sums on medical science to improve health in various parts of the world. When I visited America again in 1939, this same institution was spending other vast sums on social science in order to examine the human problems which its philanthropy had brought into being. One asks you to ponder over this matter particularly carefully, for many of you now hold qualifications in the Arts, or in Social Sciences such as Education and Economics, so that you are especially fitted to share in furthering these essential yet somewhat retarded aspects of our University education.

One turns from the crisis in our civilisation to the crisis in our Universities, for the Universities are almost as undecided as society itself in regard to future policy. University leaders agree that the Universities must play a part in, and even lead, some of the vast and rapid changes, but there are divergent opinions as to the extent and the manner of that participation.

Let us look at one or two of the most puzzling problems. First, in this changing society, should University education be confined to the comparatively few or extended to the many, an expansion which, for several reasons, may mean a lowering of standards? Universities such as Oxford and Cambridge and Harvard and Yale stand for the education of the comparatively few; for residential education, and for a close contact between student and teacher. Other Universities, notably in America, deliberately foster a far wider extension of University advantages, and even though the level may be lower, it is inspiring to see how the students work in shops, cafeterias and other occupations in order to gain the finance to reap those advantages. In Australia the Federal and State Governments are trying valiantly to make the best of both worlds. They are providing a very large number of student bursaries, and at the same time are assisting the Universities in increasing their staffs and in conducting some development work, which, in our University, will include ad-

vances in the Social Sciences and Arts. Nevertheless, in Adelaide, as elsewhere, little thought is being given to the problem of what proportion of citizens should be granted the privileges of University education.

The second question is almost as important as the first. What is the type and extent of knowledge that is proper to a University? Professor M. L. Oliphant recently discussed this matter in an examination of the respective spheres of Universities and Institutes of Technology. He pointed out a growing opinion amongst University leaders that the Universities should tend to confine their research and instruction to basic knowledge, and that subjects of vocational training such as clinical medicine or technical engineering should be handled by Technological Institutes, hospitals and so forth. Such views would involve some reaction from the recent tendency of Governments, business institutions and philanthropists to endow Universities, including even Universities such as Oxford and Cambridge, so that they can produce the research and trained men for the solution of urgent, practical problems. Very recently New South Wales has supplemented the work of the historic University of Sydney by the establishment in Sydney of a Technological University. It will be interesting to see the lines on which these two Universities develop, and whether or not the older will tend to concentrate on basic knowledge, while the younger confines itself to professional and technical training.

I will close with a few words about our own University to which you are now being admitted as Associates or Diplomates. Twenty-five years ago, Adelaide, long designated as the "City of Culture," possessed only a minute University, "cribbed, coffined and confined" in a tiny site on North Terrace, the tragic area in which, to the detriment of Colonel Light's great plan, we have crowded almost every possible and impossible public utility. At that time the hope of large-scale expansion seemed particularly remote, as the University had just refused the offer of the Parkside land, which had ample space for academic and residential expansion.

Since that period, however, a progressivce University Council and sympathetic Governments, both Federal and State, have created undreamt of expansion in lands and buildings. Although the vision has been lacking which could have given us a really fine campus on both sides of Frome Road, one feels that, with the expansion of the University and its residential establishments northwards, the time has come when our properties, buildings and general layout are worthy of an important University. On the academic side there was, for a time, less advance; and during the years of war and recovery, devoted Professors and Lecturers postponed their research projects and slaved to teach huge classes, many of whose students were returned service people. Some of you, I expect, began your training in that period, and you will appreciate the help that you received from an overburdened staff in times of great difficulty.

Now, at last, we hope that the University has entered a more liberal era, for both the Federal and State Governments seem willing to help us to provide more adequate staff and to extend into new and vital fields of activity. Happily there are no strings attached to this

Governmental assistance, which is comforting to anyone who may fear that University acceptance of Governmental help may lead to political control. Adelaide has still some way to go before we reach the income, the research facilities, or the teacher-student ratio of comparable British Provincial Universities, but our University is pressing forward with the utmost vigour, and is equipping itself to make its contribution to the solution of problems arising from the crisis of our times.

I have attempted this evening to bring before you some of the problems which our civilisation and Universities are facing, because you are going forth as trained members of the University to share in their solution. Your help is needed by society and by the University, for both are free democratic institutions whose future depends upon the interest and activities of the members. Our hopes and good wishes go with you in your great task. May you be worthy of our University motto, "The Light under the Cross." May you show that that cross is not merely a remote astronomical phenomenon in a disappearing universe, but a vital, historic symbol which for nearly 2,000 years has represented leadership, service, and, when needed, sacrifice for mankind.

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Financial Statements

1950

THE UNIVERSITY

Account of Income and Expenditure for the year which ended Section 28 of the University

INCOME.	£ s. d.	£ s. d.
H.M. Government of South Australia—		
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	90,000 0 0	
Grant for Night Classes	3,000 0 0	
Subsidy to Pathological Department	600 0 0	
		132,600 0 0
Fees—		
Schools of Arts and Science	13,505 7 5	
Schools of Engineering	11,226 2 2	
Schools of Law	2,159 18 3	
School of Medicine	21,595 1 11	
School of Dentistry	3,947 0 6	
School of Music and Elder Conservatorium	8,864 11 4	
Public Examinations in Music	2,767 2 3	
Diplomas in Commerce and Public Administration	1,899 6 0	
Diploma in Physical Education	267 5 6	
Diploma in Social Science	623 9 6	
Diploma in Physiotherapy	1,718 18 0	
Public Examinations	8,661 1 0	
		77,235 3 10
Elder Conservatorium—Concerts		88 1 6
Interest and Dividends		36,765 3 4

Brought forward	246,688 8 8

OF ADELAIDE

on the 31st December, 1950, furnished in compliance with of Adelaide Act, 1935-1950.

EXPENDITURE.	£ s. d.	£ s. d.
School of Arts and Science (including subjects for other Faculties)—		
Salaries, including Superannuation	65,552 0 3	
Other Expenses—		
Additional Examiners, Examination Papers, Printing, etc.—		
For Degree Examinations, etc.	1,487 19 3	
Physical Laboratory	2,269 2 1	
Chemical Laboratory	2,430 2 3	
Geological Laboratory	350 13 8	
Economic and Mining Geology	242 0 1	
Koonamore Botanical Reserve	24 19 1	
		72,356 16 8
Public Examinations		7,921 4 10
Engineering Schools—		
Salaries (excluding Science subjects)	19,831 11 8	
Other Expenses—		
Lecture Fees to School of Mines	1,950 12 6	
Fees to School of Arts and Crafts	28 17 6	
Printing and Advertising	258 3 9	
Supervisors and Sundries	4 17 6	
Travelling Expenses	236 11 2	
Mining and Metallurgy Laboratory	686 13 4	
Civil Engineering Laboratory	1,109 6 7	
Mechanical Engineering Laboratory	1,300 19 7	
Electrical Engineering Laboratory	1,803 4 5	
Survey Camp	163 2 6	
Workshop Maintenance	42 13 4	
		27,416 13 10
School of Law (excluding Arts Subjects)—		
Salaries, including Superannuation	3,391 13 0	
Other Expenses—		
Additional Examiners, Examination Papers, Printing, etc.	326 17 11	
		3,718 10 11
School of Medicine (excluding First-year Science)—		
Salaries, including Superannuation	36,298 6 5	
Other Expenses—		
Additional Examiners, Examination Papers, Printing, etc.	1,326 9 0	
Anatomical Laboratory	364 13 0	
Physiological Laboratory	1,022 7 10	
Pathological Laboratory	830 16 5	
Biochemical Laboratory	648 2 2	
Bacteriological Laboratory	1,085 6 3	
	41,576 1 1	
Biochemical Laboratory—		
Purchases out of Special Donations, etc.	560 4 4	
		42,136 5 5
School of Dentistry (excluding Medical and Science subjects)—		
Salaries	6,255 3 6	
Other Expenses—		
Additional Examiners, Printing, and Advertising, etc.	192 18 9	
		6,448 2 3
Forward		159,997 13 11

	£ s. d.	£ s. d.
Brought forward		246,688 8 8
Rent—		
Globe Chambers	1,350 0 0	
Waymouth Street Property	676 0 0	
Investment Properties	2,408 10 11	
		4,434 10 11
Calendar—		
Received on Sale of Calendars		106 0 2
Pharmaceutical Society of S.A.—		
Grant for Pharmacy Classes		700 0 0
Sundry Sales and Refunds		1,012 0 8
Hire of Rooms and Microscopes		942 13 0
Workshops—Credit for Overhead Charges, etc.		2,020 7 4
Donations		570 14 4
Grants by Commonwealth Government—		
Research Grant	17,839 15 8	
Balance	521 15 11	
	18,361 11 7	
Physical Education	2,100 0 0	
Australian Literature	100 0 0	
Rehabilitation Training Scheme—Running Costs (including Arrears, 1949)	55,342 11 1	
		75,904 2 8
External Scholarships		525 16 0
Administrative Charges—		
Public Examinations	866 2 2	
Music Examinations	276 14 3	
		1,142 16 5
F. L. Benham Trust—		
Interest and Dividends		2,255 6 1
Forward		336,302 16 3

	£ s. d.	£ s. d.
Brought forward		159,997 13 11
School of Music and Elder Conservatorium—		
Salaries, including Superannuation	13,132 19 10	
Other Expenses—		
Concert Account	480 16 2	
Examiners	85 11 10	
Advertising, Printing, Scholars' Fees, Music and Sundries	882 17 2	
Tuning Organ and Pianos	122 9 0	
		14,704 14 0
Public Examinations in Music—		
Examiners' Fees and Expenses	921 9 4	
Advertising and Printing	95 18 0	
Sundries—Expenses Local Centres, etc.	911 2 10	
Scholars' Fees	168 13 0	
		2,097 3 2
Diplomas in Commerce and Public Administration (excluding Economics)—		
Lecturers' Salaries	2,410 0 0	
Printing, etc.	57 8 0	
		2,467 8 0
Joseph Fisher Lecture—Printing, etc.		68 6 6
Diploma in Physical Education—		
Lecturers' Salaries	1,937 12 10	
Apparatus, etc.	365 16 2	
		2,303 9 0
Diploma in Social Science—		
Salaries	1,502 13 3	
Printing, etc.	45 3 7	
		1,547 16 10
Diploma in Physiotherapy—		
Salaries	1,531 6 4	
Printing, etc.	77 10 7	
		1,608 16 11
Diploma in Pharmacy—		
Salaries	382 13 0	
Printing, etc.	36 2 0	
		418 15 0
Scholarships and Prizes—		
Angas Engineering Scholarships	620 0 0	
John Howard Clark Prize	40 0 0	
Stow Prizes and Scholarships	15 0 0	
Everard Scholarship	30 0 0	
Eric Smith Scholarship	51 9 0	
Roby Fletcher Prize	10 0 0	
Dr. Davies Thomas Scholarship	30 0 0	
Hartley Studentship	25 0 0	
Tinline Scholarship	90 0 0	
David Murray Scholarship	50 0 0	
Bundey Prize	10 0 0	
John Creswell Scholarship	63 0 0	
Alexander Clark Memorial Prize	3 2 6	
Lister Prize	3 10 0	
Eugene Alderman Scholarship	37 0 0	
Ernest Ayers Scholarship	120 0 0	
Rennie Scholarship	100 0 0	
Fred Johns Scholarship	30 0 0	
Archibald Watson Prize	6 6 0	
T. G. Wilson Travelling Scholarship	200 0 0	
R. W. Bennett Prizes and Medals	8 0 0	
Chapman Prize	21 0 0	
William Gardner Scholarship	45 0 0	
Lucy Josephine Bagot Prize	15 0 0	
Selborne Moutray Russell Scholarship	22 1 0	
Forward	1,645 8 6	185,214 3 4

	£	s.	d.	£	s.	d.
Brought forward				336,302	16	3

Forward				336,302	16	3

	£ s. d.	£ s. d.
Brought forward	1,645 8 6	185,214 3 4
Varley Studentship	29 8 0	
Andrew Scott Prize	6 0 0	
James Gartrell Prize	10 0 0	
M. Rees George Memorial Prize	6 0 0	
The Cable Makers Association Prize	21 0 0	
Lokan Prize	3 0 0	
B.M.A. (Section of Clinical Medicine) Prize	5 5 0	
F. H. Faulding Scholarship	50 0 0	
Australian Dental Association Prize	5 5 0	
St. Alban Scholarship	15 0 0	
Wyeth Prize	10 10 0	
Thornber Bursary	22 0 0	
Mining and Metallurgical Bursaries	270 0 0	
Elder Prize	10 0 0	
Robert Whinham Prize	5 0 0	
Hardwicke College Prize	3 0 0	
Way College Prize	5 5 0	
Miss Martins Old Scholars' Prize	4 18 0	
Justin Skipper Prize	5 0 0	
J. E. Jenkins Scholarship	15 0 0	
Gladys Lloyd Thomas Scholarship	14 14 0	
James Barrans Scholarship	60 0 0	
Commonwealth Institute of Accountants Prize	30 0 0	
S.A. Chamber of Manufactures Prize in Electronic Control	20 0 0	
Dental Board of South Australia Prize	5 5 0	
Anders and Reimers Scholarship	7 17 6	
Electricity Trust of S.A. Prize	21 0 0	
Conservatorium Old Scholars' Scholarship	14 14 0	
Violet de Mole Scholarship	2 2 0	
J. B. Cleland Prize	10 0 0	
		2,332 12 0
Balances carried to Scholarships and other Accounts (net)		1,464 1 5
Residential Colleges—Scholarships		3,995 15 0
Administration—		
Vice-Chancellor's Office (including Superannuation)	2,858 13 9	
Registrar's Department, Caretakers, etc. (including Superannuation)	21,968 13 0	
	24,827 6 9	
Library—		
Salaries (including Superannuation)	6,064 16 10	
		30,892 3 7
Senate		120 18 1
Australian Vice-Chancellor's Committee—expenses		197 14 2
Stationery		2,701 18 7
Buildings—Repairs, Additions, and Alterations		4,568 10 9
Maintenance of Grounds		4,688 19 11
Maintenance of Investment Properties		1,206 0 3
Miscellaneous Expenses—		
Advertising Printing, House Sundries, Auditors' Fees, etc.	4,808 0 11	
Petty Cash	186 18 2	
Insurance Premiums	1,673 19 8	
Telephone Charges	1,585 17 11	
Gas, Water, and Electric Supply	5,826 1 1	
Removal to New Buildings	141 17 5	
		14,222 15 2
Forward		251,605 12 3

	£ s. d.	£ s. d.
Brought forward		336,302 16 3

Forward	336,302 16 3

	£ s. d.	£ s. d.
Brought forward		251,605 12 3
Trustees of the Sports Ground		2,486 0 0
Students' Loan Fund		100 0 0
Travelling Expenses		252 4 1
Study Leave Grants		7,230 3 0
Australian Journal of Experimental Biology and Medical Science, Grant		300 0 0
Calendar—Printing		1,622 11 0
Exchange on Remittances to London		2,194 0 8
Pay Roll Tax		4,501 18 1
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	189 16 3	
Journal of Experimental Biology and Medical Science	200 0 0	
Rose Grainger Orchestral Fund	40 3 9	
Cancer Research Donations	315 6 10	
Anti-Cancer Campaign Endowment	121 2 5	
Superannuation Fund	1,804 10 5	
Bonython Hall Maintenance	48 0 8	
Waite Research and Substitute Fund	43 0 8	
Ranson Mortlock Trust	600 0 0	
Donation for Directorship in Obstetrics	12 7 11	
Students' Loan Fund	63 14 5	
Provision for Roads	62 17 4	
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	133 17 2	
Waite Institute—W. D. Grigg Income	138 3 2	
Anthropological Research—Mr. Mountford	11 0 1	
Anthropological Research—National Geographical Society	8 18 2	
Chapman Memorial Fund	54 19 10	
C. V. Crocombe Estate—Income	111 11 5	
Robert T. Melrose Estate—Income	61 11 10	
J. Grinberg—Endowment	21 0 0	
University Union Account	189 3 9	
Sundry Credit Balances	315 13 0	
		5,594 11 9
Sheridan Bequest—		
Expended	889 1 3	
Balance forward	940 10 1	
		1,829 11 4
Waymouth Street Property—		
Expended	242 8 1	
Balance	433 11 11	
		676 0 0
Commonwealth Research Grant	18,361 11 7	
State Research Grant	5,039 6 3	
		23,400 17 10
F. L. Benham Trust—		
Expended		2,255 6 1
Library—		
Expenditure on Books, etc.		5,894 12 0
Forward		309,943 8 1

	£	s.	d.	£	s.	d.
Brought forward				336,302	16	3
Waite Agricultural Research Institute—						
H.M. Government—						
Subsidy on Waite Endowments	5,000	0	0			
Grant under University Act	42,500	0	0			
Donations—						
Imperial Chemical Industries	500	0	0			
Gerard Trust Ltd.	5	0	0			
Interest, etc.—						
Peter Waite Trust Fund 2,190 7 11						
Macmeikan Estate 2,103 10 8						
Hugh Hughes Estate 450 0 0						
Ranson Mortlock Trust 600 0 0						
Sundry Accounts 189 16 3						
Grigg Estate 138 3 2						
	5,671	18	0			
Sundry Sales, Rent, etc.	5,146	8	5			
Transfer of Australian Wool Board Grant	1,157	6	2			
	59,980	12	7			
Contributed by Commonwealth Scientific and Industrial Research Organisation—						
For Soils Investigations	7,157	1	4			
For Plant Industry Investigations	171	18	1			
For Gummosis Investigations	10	6	6			
For Oenological Investigations	506	10	3			
Wool Research Funds—						
Contributions	9,039	0	0			
				76,865	8	9
				£413,168	5	0

A. W. BAMPTON,
Registrar.

We report that we have duly audited the various Books of Account and other records relating to the Income and Expenditure of the University of Adelaide, in respect of the year which ended on the 31st day of December, 1950, and do certify the above statement to be a correct abstract of such Income and

	£ s. d.	£ s. d.
Brought forward		309,943 8 1
Waite Agricultural Research Institute—		
Salaries (including Superannuation)	33,227 10 7	
Maintenance	12,382 2 6	
Equipment	7,784 18 9	
Balance	6,586 0 9	
	59,980 12 7	
Commonwealth Scientific and Industrial Research Organisation—		
Soils Investigations	7,157 1 4	
Division of Plant Industry—		
Expended	171 18 1	
Gummosis Investigations—		
Expended	10 6 6	
Oenological Investigations—		
Expended	506 10 3	
Wool Research Funds—		
Expenditure 4,712 3 0		
Balance 4,326 17 0		
	9,039 0 0	
		76,865 8 9
Balance		26,359 8 2
		£413,168 5 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, 1950.

R. M. STEELE, Chartered Accountant (Aust.),
E. F. HUNWICK, Chartered Accountant (Aust.), } Auditors.

Adelaide, 29th March, 1951.

THE UNIVERSITY

Statement showing the Actual Financial Position

Liabilities

	£	s.	d.	£	s.	d.
ENDOWMENTS—						
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			
W. H. Sandland	14,000	0	0			
Union Building—						
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			
R. L. Johnson (for Chemical Laboratory)—						
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			
Chairs in Engineering—						
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			
Chair of Economic and Mining Geology—						
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			
Public Donations—Animal Products Research Fund	7,073	10	0			
F. W. Wheadon (for Observatory Building)	4,250	0	0			
C. V. Crocombe Estate	3,718	15	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	**723,097**	**16**	**2**			

OF ADELAIDE

in respect to Capital as on 31st December, 1950.

Assets

	£ s. d.	£ s. d.
INVESTMENTS OF ENDOWMENTS—		
In Australian Consolidated Inscribed Stock, balance (at par)		361,700 17 5
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		4,858 0 5
In Staff Common Room		1,249 6 1
In Caretaker's Lodge		1,768 9 6
In Waymouth Street Property (at valuation)		12,000 0 0
In Investment Properties—		
Mackinnon Parade Property, Nos. 119-120	1,849 4 6	
Broadway, Glenelg, Property, No. 12, and Furniture	3,599 0 0	
Mackinnon Parade Property, Nos. 14-16	1,950 0 0	
Mackinnon Parade Property, Nos. 164-165, and Finniss Court, No. 15	3,690 1 0	
"Deepacres" Flats, North Adelaide	37,878 8 6	
Blair Athol Property	1,880 0 0	
		50,846 14 0
In Share and Stock Investments (excluding Benham Trust Fund)		160,590 18 4
In Mortgage Advances on Properties		6,956 15 1
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		1,004,043 14 9

	£	s.	d.	£	s.	d.
Brought forward	723,097	16	2			
ENDOWMENTS—Continued.						
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	1,918	14	6			
S.A. Orchestra—Permanent Fund	872	15	9			
S.A. Commercial Travellers' Association:						
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			
Anti-Cancer Committee—						
Mrs. Rosye F. Mortlock £5,000 0 0						
Robert T. Melrose 2,223 3 2						
Laura E. Bateman 2,379 13 8						
Various Benefactors 652 11 0						
E. F. Hern 990 0 0						
J. Grinberg 100 0 0						
	11,345	7	10			
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	593	0	2			
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			
Dr. E. W. Way Lectureship in Gynaecology	473	1	3			
Keith Sheridan Prizes	452	1	2			
Thornber Bursary	450	0	0			
Rennie Research Scholarship	317	8	11			
John Lorenzo Young Scholarship	300	0	0			
Chapman Prize	311	4	3			
Violet de Mole Memorial Fund	256	0	0			
Alexander Clark Memorial Prize	255	0	0			
Forward	775,589	18	4			

	£ s. d.	£ s. d.
Brought forward		1,004,043 14 9
Forward		1,004,043 14 9

	£	s.	d.	£	s.	d.
Brought forward	775,589	18	4			
ENDOWMENTS—Continued.						
Elsie Marion Cornish Prize	250	0	0			
Bundey 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			
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			
				779,186	17	10
F. L. Benham Trust Fund—						
Endowment	51,164	5	3			
Contributed from Capitalised Income	7,150	12	9			
				58,314	18	0
Original Grant of Country Lands from H.M. Government and resold to them	40,000	0	0			
H.M. Government (Contribution to Buildings)	77,428	11	8			
Contributed from Income	79,603	12	2			
Johnson Chemical Laboratories—						
Commonwealth Unemployment Relief Council: Grant	12,000	0	0			
Temporary Advances from General Appropriation Account	15,524	13	1			
Pharmaceutical Society of S.A.: Gifts towards Building	300	0	0			
				224,856	16	11
Contingent—						
Bequests in deceased Estates subject to life and other interests—						
Estate late Clement Phillipson						
Estate late Georgina Maud Dowling						
Estate late Ruby Chambers						
Estate late 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						
Forward				1,062,358	12	9

	£	s.	d.	£	s.	d.
Brought forward				1,004,043	14	9
F. L. Benham Trust Fund—						
Expended on Benham Laboratories and Fittings	36,476	6	9			
Shares and Bonds	24,469	19	4			
	60,946	6	1			
Less Advance for Buildings	2,631	8	1			
				58,314	18	0

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

Forward				1,062,358	12	9

	£	s.	d.	£	s.	d.
Brought forward				1,062,358	12	9
Sundry Balances—						
Superannuation—						
General Fund	41,424	8	10			
Personal Accounts	12,099	14	2			
Equipment Depreciation Fund	26,000	0	0			
Redemption of Stock Account Balance	10,782	18	0			
Share Fluctuation Reserve	5,617	15	1			
General Appropriation Fund	58,853	15	4			
	154,778	11	5			
Advance Payment by H.M. Government on account of 1951 Subsidy	22,000	0	0			
Credit Balances—						
Angas Engineering Scholarship	£958	12	4			
Commercial Education	500	0	0			
David Murray Scholarship	929	16	8			
John Bagot Scholarship	312	15	4			
Alexander Clark Memorial Prize	50	13	0			
John Lorenzo Young Scholarship	100	0	0			
John L. Young Scholarship	375	0	0			
Eugene Alderman Scholarship	100	7	4			
Ernest Ayers Scholarship	540	0	0			
Rennie Scholarship	59	14	1			
Fred Johns Scholarship	923	8	9			
Archibald Watson Prize	12	12	0			
R. W. Bennett Prize	145	6	1			
Anna Florence Booth Prize	128	0	0			
William Gardner Scholarship	300	12	0			
Shorney Prize	104	17	2			
Tormore Prize	24	0	0			
M. Rees George Memorial Prize	33	14	0			
Jefferis Memorial Medals	40	17	10			
League of Nations Prize	75	0	0			
Thornber Bursary	49	0	0			
Keith Sheridan Prizes	160	11	0			
Miss Martin's Old Scholars' Prize	5	7	0			
Justin Skipper Prize	9	3	9			
J. E. Jenkins Scholarship	160	2	10			
James Barrans Scholarship	210	0	0			
Commonwealth Institute of Accountants Prize in Accountancy	2	1	6			
Anders and Reimers Scholarship	55	18	7			
Sir Archibald Strong Memorial Prize	35	0	0			
A. J. Raven Trust	230	13	6			
Dental Board Scholarship in Dental Surgery	100	0	0			
Conservatorium Old Scholars' Association Scholarship	2	2	0			
E. Harold Davies Scholarship Fund	5	17	9			
Edith Hubbe and Harriet Cook Prize	90	0	0			
Library Balances—						
Carnegie Library	2,301	15	3			
T. E. Barr Smith Library	526	18	7			
Sir William Mitchell Endowment for Library	812	10	0			
Elizabeth Jackson Fund	242	17	5			
Kate Helen Weston Library	22	2	8			
Deposits	1,287	0	0			
Public Examinations Board—Examination Fees	3,854	16	9			
Queen Victoria Maternity Hospital Fees	52	14	6			
Public Examinations in Music	6,956	11	7			
Diploma in Physical Education	3,594	15	10			
Pay Roll Tax	677	2	7			
Sheridan Bequest	3,783	18	11			
C.S.I.R.—Research Grant	1,528	3	10			
C.S.I.R. — Research Grant (Social Sciences)	639	13	3			
C.S.I.R.—Grant for Ionospheric Research	100	0	0			
C.S.I.R.—Grant for Economic Wool Research	70	11	7			
Department of Air—Grant for Research in Supersonics	471	13	5			
Forward	33,754	10	8	176,778	11	5	1,062,358	12	9

	£	s.	d.	£	s.	d.
Brought forward				1,062,358	12	9
INVESTMENTS, CASH BALANCES, ETC.—						
Australian Consolidated Inscribed Stock, balance (at par)	214,418	18	4			
Deposit at Treasury	227	0	8			
Cash Balances—						
In Bank of Adelaide (Current Account) 25,016 4 0						
Less cheques outstanding 23,729 3 6						
1,287 0 6						
In Savings Bank of S.A. 157 18 3						
In hands of Agent-General for S.A. in London 4,080 4 3						
In hands of the Accountant 25 0 0						
	5,550	3	0			
Benham Laboratories: Advanced to date	2,631	8	1			
Observatory Building: Advanced to date	260	10	3			
Sundry Debtors	42,644	14	10			
				265,732	15	2
Forward				1,328,091	7	11

	£	s.	d.	£	s.	d.	£	s.	d.
Brought forward	33,754	10	8	176,778	11	5	1,062,358	12	9
Department of Supply and Development—Grant for Servo-Mechanisms	2,292	10	5						
Department of Air—Grant for Aerial Research	1,539	3	7						
Testing Fees	3,592	3	0						
Army Education	52	19	5						
Equipment Fund—Microscopes	284	13	9						
Mining and Metallurgy Department—Equipment—Unexpended Balance	6,269	1	6						
Students' Loan Fund	3,016	11	2						
Conservatorium Students' Fund	354	17	10						
Board of Social Studies Students' Fund	111	12	8						
Australian Journal of Experimental Biology and Medical Science	85	13	1						
Anti-Cancer Campaign	7,478	13	0						
Joint Committee	3,451	9	5						
I.C.I. Grant	64	3	0						
Gastro-Enteritis Investigation Fund	21	4	10						
Animal Products Research Foundation	583	13	7						
Broken Hill Smelters	62	5	10						
Anthropological Research—									
Professor Cleland	8	10	0						
Harvard Fund	161	12	2						
Domestic Fund	123	7	5						
Mr. Mountford's Fund	485	8	10						
National Geographical Society	405	5	8						
Latitude Observations	7	19	8						
Stirling Memorial	30	0	0						
Permanent Orchestra Fund	357	3	9						
Rose Grainger Orchestral Fund	298	18	9						
Sundry Refunds — Physics Department	2,192	14	3						
Provision for Roads	2,857	2	3						
Geology Truck Maintenance	161	11	9						
T. G. Wilson Donation (Balance)	358	13	11						
Caretaker's Fees	2	12	6						
Bonython Hall Maintenance	241	1	3						
Hughes Statue Maintenance	13	15	6						
Sheridan Family Grave Maintenance	114	14	0						
Joseph Verco Memorial	3	4	0						
Reimann Memorial	1	5	11						
Consultants' and 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 and Medical Research	477	14	4						
National Health and Medical Research—Special Grant	50	0	0						
Illuminating Engineering Society Grant	14	18	10						
Medical Post-Graduate Committee—Donation from B.M.A.	335	2	1						
Income Account	164	17	11						
Commonwealth Institute of Accountants Lecture	15	8	2						
Grant for Tuberculosis Research	52	15	0						
Chapman Memorial Fund	1,304	16	0						
H. G. Rogers—Special Deposit	157	18	3						
Georgina Maud Dowling Bequest—Income	415	15	6						
F. W. Wheadon Endowment—Income	346	7	2						
Provision for Equipment for Physics Department	5,747	11	8						
Donation for Purchase of Gramophone	164	10	0						
Professor J. H. B. Tew for Prizes in Economics	93	14	0						
H. M. Newland—Donation	5	0	0						
Burroughs Wellcome—Donation	85	18	11						
F. H. Faulding — Dental Research Grant	16	0	6						
State Research Grant	151	9	0						
Adelaide University Union	189	3	9						
				81,710	4	5			
							258,488	15	10
Contributed from Income							7,243	19	4
Forward							1,328,091	7	11

	£	s. d.	£	s. d.
Brought forward			1,328,091	7 11

Forward	1,328,091	7 11

	£	s.	d.	£	s.	d.
Brought forward				1,328,091	7	11
WAITE AGRICULTURAL RESEARCH INSTITUTE—						
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	8,841	13	4			
Ranson Mortlock Trust	15,000	0	0			
Various Benefactors	2,605	10	0			
Research and Substitute Fund	1,099	16	0			
Contributed from Waite Capitalised Income	75,478	6	1			
Waite Institute Income—Balance	12,660	4	8			
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.	2,500	0	0			
Contributed by Australian Wool Board (balance)	640	0	0			
Contributed by J. T. Mortlock	500	0	0			
Motor Trucks—Maintenance Accounts	1,467	5	7			
Wool Research Trust	3,573	1	1			
	258,262	6	4			
Endowments for Laboratories—						
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 Industrial Research—						
Mineral Deficiency Fund 1,500 0 0						
Soils Investigation Fund 1,500 0 0						
Advanced by Commonwealth Government for South Wing Laboratory (Rehabilitation Scheme) 9,602 0 0						
Contributed from Waite Capitalised Income 19,316 7 0						
	66,918	7	0			
				325,180	13	4
Forward				1,653,272	1	3

	£	s.	d.	£	s.	d.
Brought forward				1,328,091	7	11
WAITE AGRICULTURAL RESEARCH INSTITUTE—						
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	3,588	2	8			
Australian Consolidated Inscribed Stock, balance (at par)	31,080	4	3			
Plant Pathology House	1,649	19	0			
New Buildings and Additions	13,111	9	6			
Equipment	67,207	16	2			
	258,262	6	4			
Laboratories—						
John Melrose Laboratory—						
Building £16,743 12 8						
Fittings 2,258 1 1						
John Darling Laboratory—						
Building 9,811 17 3						
Fittings 2,186 9 0						
Ranson Mortlock Laboratory—						
Buildings 11,454 17 9						
Fittings 2,861 2 6						
South Wing Laboratory—						
Building 17,479 5 4						
Fittings 4,123 1 5						
	66,918	7	0			
				325,180	13	4
				1,653,272	1	3

21,602.6.8

Forward

	£ s. d.	£ s. d.
Brought forward		1,653,272 1 3
UNIVERSITY SITE—		
Grant of Land by South Australian Government—Nominal Value	5,000 0 0	
Special Donations:		
For Fences and Gates—		
R. Barr Smith £400 0 0		
Sir John Duncan } W. H. Duncan } 250 0 0		
Sir Walter Young 1,000 0 0		
Sir William Mitchell 875 19 9		
	2,525 19 9	
For other improvements—		
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
EQUIPMENT—		
CONTRIBUTED FROM INCOME towards Equipment, etc.	244,169 7 9	
Donations—		
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	
Malcolm Moore, Esq.	200 0 0	
Available from Testing Fees—Engineering Dept.	7,271 19 4	
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	
		288,061 7 7
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	48,112 3 6	
Main Engineering Building	105,789 7 3	
Medical Building and Ancillary Projects	66,000 0 0	
	265,377 19 6	
State Government Grant—Medical Building, etc.	210,000 0 0	
	475,377 19 6	
Contributed from Income	38,981 17 2	
Equipment—Advanced by Commonwealth Government	74,356 10 0	
		588,716 6 8
Forward		2,541,825 15 3

	£	s.	d.	£	s.	d.
Brought forward				1,653,272	1	3
UNIVERSITY SITE—						
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			
				11,775	19	9
EQUIPMENT—						
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						
	5,967	3	4			
Laboratory Equipment and Apparatus—						
General (including £15,000 Special Physics Dept. Grant)	127,804	3	1			
Engineering Testing Fund—						
Expenditure to date £ 3,679 16 4						
Balance 3,592 3 0						
	7,271	19	4			
Chemistry Dept.—Darling Building—						
Expenditure to date 1,951 3 8						
Balance 1,528 3 10						
	3,479	7	6			
Mining and Metallurgy Donations—						
Expenditure to date £17,330 18 6						
Balance 6,269 1 6						
	23,600	0	0			
Museum Exhibits, etc.	824	9	5			
Furniture—General	31,176	16	9			
Furniture—Staff Common Room	750	10	4			
Organ—Conservatorium	2,879	10	11			
Installation of Electric Light and Power	1,813	11	0			
Material in Workshops	2,085	8	6			
				288,061	7	7
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	48,868	11	10			
Main Engineering Building	117,016	13	2			
Medical Building	230,687	17	5			
Darling Building—Alterations and Additions	14,019	19	11			
Geology Building	51,250	0	0			
Physics Building—Alterations	716	6	1			
	514,359	16	8			
General Equipment	74,356	10	0			
				588,716	6	8
Forward				2,541,825	15	3

	£ s. d.	£ s. d.
Brought forward		2,541,825 15 3
Lord Mayor's Cancer Appeal Fund— Amount received to date		100,000 0 0
		£2,641,825 15 3

A. W. BAMPTON,
Registrar.

We report that we have examined the above statement showing the financial position of the University of Adelaide in respect of Capital Funds as on the 31st day of December, 1950, 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		2,541,825 15 3
Lord Mayor's Cancer Appeal Fund—Advance Subscription, Commonwealth Loan		100,000 0 0
		£2,641,825 15 3

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, 1950. 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, 29th March, 1951.

STATEMENT OF SEPARATE

	£	s.	d.
ANTI-CANCER COMMITTEE—			
Balance unexpended 1st January, 1950	10,091	4	9
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	150	19	10
Income from C. V. Crocombe Estate	111	11	5
Income from R. T. Melrose Estate	61	11	10
Income from E. F. Hern Endowment	29	14	0
Income from J. Grinberg Endowment	21	0	0
Interest	436	9	3
Donations	1	1	0
Sale of Radon	299	7	3
	£14,952	19	4
JOINT COMMITTEE—TUTORIAL CLASSES—			
Balance unexpended 1st January, 1950	490	17	9
Grant by H.M. Government of S.A. (including £2,500 paid in advance to June, 1951)	6,125	0	0
	£6,615	17	9
ENGINEERING DEPARTMENT—TESTING FEES—			
Balance unexpended 1st January, 1950	6,836	2	1
Fees received year ended 31/12/50	1,036	12	6
	£7,872	14	7
UNION FEES—			
Fees received for Year	7,148	10	0
	£7,148	10	0
HOSPITAL FEES—			
Royal Adelaide Hospital—Honorary Staff	1,909	5	0
Inspector-General of Hospitals	448	7	0
Dental Hospital	924	0	0
Queen Victoria Maternity Hospital—Honorary Staff Fees	1,858	11	6
Adelaide Children's Hospital—Honorary Staff Fees	318	3	0
Adelaide Children's Hospital—Fees	74	11	0
Institute of Medical and Veterinary Science—			
Fees £296 2 0			
Balance 9 9 0			
	305	11	0
	£5,838	8	6
EDWARD NEALE TRUST FUND—			
Income for Year	£750	0	0

ACCOUNTS FOR THE YEAR 1950.

	£	s.	d.
ANTI-CANCER COMMITTEE—			
Salaries and Pay Roll Tax	4,137	17	1
Deep X-Ray Dept.—Equipment and Replacements	1,441	1	7
Radon Department	226	3	8
Sundries	413	11	1
Study Leave	1,255	12	11
Balance unexpended 31st December, 1950	7,478	13	0
	£14,952	19	4

	£	s.	d.
JOINT COMMITTEE—TUTORIAL CLASSES—			
Salaries and Pay Roll Tax	1,201	11	1
Honoraria—Tutors and Lecturers	1,626	5	0
Expended on Books, etc.	124	9	2
Expended on Stationery, Duplicating Material, Telephone, Advertising, Petty Cash, etc.	103	12	7
Tutors' Travelling Expenses	52	0	5
Rail Freight and Insurance—Art Exhibition	56	10	1
Balance (unexpended), 31st December, 1950	3,451	9	5
	£6,615	17	9

	£	s.	d.
ENGINEERING DEPARTMENT—TESTING FEES—			
Salaries	557	0	0
Sundries	43	15	3
Balance available for Equipment, 31st December, 1950	7,271	19	4
	£7,872	14	7

	£	s.	d.
UNION FEES—			
Refunded to Students	65	2	0
Paid to Union Committee	7,083	8	0
	£7,148	10	0

	£	s.	d.	£	s.	d.
HOSPITAL FEES—						
Royal Adelaide Hospital—						
Honorary Staff	1,904	0	0			
Balance	5	5	0			
				1,909	5	0
Inspector-General of Hospitals				448	7	0
Dental Hospital				924	0	0
Queen Victoria Maternity Hospital	1,851	19	6			
Balance	6	12	0			
				1,858	11	6
Adelaide Children's Hospital—Fees				74	11	0
Adelaide Children's Hospital — Honorary Staff Fees				318	3	0
Institute of Medical and Veterinary Science —Fees				305	11	0
				£5,838	8	6

	£	s.	d.
EDWARD NEALE TRUST FUND—			
Transferred to Anti-Cancer Fund	£750	0	0

HONOURS EXAMINATION RESULTS

FACULTY OF ARTS

HONOURS DEGREE OF BACHELOR OF ARTS

FINAL EXAMINATIONS, NOVEMBER, 1950

ENGLISH LANGUAGE AND LITERATURE. (20.)

First Class:
Gilbertson, Nannette
Wills, Caroline Marie Agnew

Second Class, Division I:
Strahan, Anthony William
Turner, Constance Mary

Second Class, Division II:
Clift, Lawrence Henry Marcus

Awarded the John Howard Clark Prize:
Gilbertson, Nannette

FRENCH LANGUAGE AND LITERATURE. (30.)

First Class:
Selth, Geoffrey Poole

Second Class, Division I:
Blackburn, Margaret Alison

Awarded the David Murray Scholarship:
Selth, Geoffrey Poole

POLITICAL SCIENCE AND HISTORY. (48.)

First Class:
Forbes, Alexander James deBurgh
Rendell, Margaret Patricia

Second Class, Division I:
Hetherington, Robert
Ross, Nadeen Adoree

Awarded the Tinline Scholarship:
Forbes, Alexander James deBurgh

ECONOMICS. (55.)

Second Class, Division II:
Blair, Ruth Margaret

PHILOSOPHY. (69.)

Second Class, Division I:
Nilsson, Neil Alfred

HONOURS DEGREE OF BACHELOR OF ECONOMICS

ECONOMICS. (55.)

First Class:
Sturmey, Stanley George

Third Class:
O'Donohue, Raymond Francis

FACULTY OF SCIENCE

HONOURS DEGREE OF BACHELOR OF SCIENCE

FINAL EXAMINATIONS, NOVEMBER, 1950

MATHEMATICS. (99.)

First Class:
Michael, James Henry

Second Class, Division A:
Morris, Kerwin William

PHYSICS. (108.)

First Class:

Liddy, Desmond Terence
Medlin, Edwin Harry
Weiss, Alan Austin
Ziesing, George Murray

Second Class, Division A:

Chartres, Bruce Aylwin
Worthington, Charles Roy

Second Class, Division B:

Davies, Rodney Deane
Ellis, Brian David
Parker, Murray Harold

CHEMISTRY. (123.)

First Class:

Beecham, Anthony Frank
Lewis, Graham Ethelbert
Urwin, Jack Robson
Wilton, John Barrett

Second Class, Division A:

Brasch, Leonard William
Howard, Rex Trowbridge
Thomson, Bruce James

Second Class, Division B:

Meaney, Maxwell Francis

ECONOMIC GEOLOGY. (150.)

First Class:

Skinner, Brian John

Second Class, Division B:

Hopkins, Brian McDonald
Tester, Donald Kenneth

BOTANY. (155.)

Second Class, Division A:

Jeffery, Margaret Wyn

ZOOLOGY. (165.)

Second Class, Division A:

Lewis, Sylvia Hilda

BIOCHEMISTRY. (172.)

Second Class, Division B:

Wellby, Maurice Lindsay

PHYSIOLOGY. (174.)

Second Class, Division A:

Johnson, Keith Douglas

FINAL EXAMINATIONS, MARCH, 1951

CHEMISTRY. (123.)

First Class:

Seidler, Jan Hynek

ZOOLOGY. (165.)

First Class:

Chittleborough, Robert Graham

FACULTY OF AGRICULTURAL SCIENCE

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

FINAL EXAMINATIONS, MARCH, 1951

BY EXAMINATION AND THESIS:

First Class:

Kleinig, Cyril Raymond
Symon, David Eric

FACULTY OF ENGINEERING

HONOURS DEGREE OF BACHELOR OF ENGINEERING

FINAL EXAMINATIONS, MARCH, 1951

IN ELECTRICAL ENGINEERING.

First Class:

Poole, Richard John

IN CIVIL ENGINEERING.

First Class:

Kleeman, Peter Wallace

IN MECHANICAL ENGINEERING.

First Class:

Brooks, Brian John

CALENDAR OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1951

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Botany Laboratory - - - - - - - 507
Zoology Laboratory - - - - - - - 508
Chemical Laboratory - - - - - - - 509
Physics Laboratory - - - - - - - 510
Physiology and Biochemistry Laboratory - - - 511

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 I (41) and II (42);
Political Science (45);
Economics I (51), II (52), and III (53);
‡Social Economics (54);
Economic History (44);
†Geography I (58), II (59), and III (60);
Psychology (61); Ethics (65); Logic (62); Philosophy A (66) and B (67);
Education (76);
*Pure Mathematics IA (85), IIA (89), IIB (90), IIIA (95), and IIIB (96);
‡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).

* Amended 7th December, 1939. † Amended 16th December, 1948.
‡ Allowed 8th December, 1949. § Allowed 9th December, 1943.

†Biology shall not be counted by any candidate who presents either Botany I or Zoology I as a subject in his course for the degree.

**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) Political Science and History (48),
(d) Philosophy (69),
(e) Mathematics (99),
(f) French Language and Literature (30),
‡(g) Repealed,
*(h) Economics (55),

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.

Every candidate for an Honours degree shall pass in Greek I or Latin I or French I or German I or in an examination in French or German approved by the Council.

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.

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:
Latin I, II, and III;
Greek 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.

* Allowed 7th December, 1939. † Allowed 9th December, 1943.
‡ Repealed 16th December, 1948. ** Revised 8th December, 1949.

†*Scheme B*:

English Language and Literature I, II, and III;

Greek I, II, and III, or Latin I, II, and III, or French I, II, and III, or Greek I and II and Comparative Philology, or Latin I and II and Comparative Philology, or French I and II and Comparative Philology, or German I and II and Comparative Philology, or History I and II and either Political Science or Economic History, or Psychology either Logic or Ethics or Philosophy A or B, and Philosophy B or A, or Economics I, II, and III, or Economics I and II and Economic History;

Two additional courses. If a language other than English has not been chosen from the subjects set out in the preceding paragraph, one at least of these two courses must be in a language other than English.

(c) For the Honours degree in Political Science and History;

History I and II and Political Science;

Economic History;

Economics I;

Psychology;

Two additional courses, of which not more than one shall be included in the subjects set out in Regulation 4, provision (d).

(d) For the Honours degree in Philosophy:

Psychology; Logic; Ethics; Philosophy A and B;

*Pure Mathematics IA and IIA or IIB, or Physics I and II, or Greek I and II, or Latin I and II, or French I and II, or German I and II, or English Language and Literature I and II, or History I and either History II or Political Science, or Economics I and either Economics II or Economic History;

One additional course. If a language other than English has not been chosen from the subjects set out in the preceding paragraph, this course must be in a language other than English.

*(e) For the Honours degree in Mathematics:

The first-year and second-year Honours courses in Pure Mathematics;

Applied Mathematics I and II;

Two additional courses not included in the science subjects.

(f) For the Honours degree in French Language and Literature:

French I, II, and III;

Old and Middle French I and II;

Latin I and II, or Greek I and II, or German I and II, or English Language and Literature I and II, or History I and II, or Psychology and either Ethics or Philosophy A or B;

† As amended 22nd April, 1942, and 16th December, 1948.

* Allowed 14th December, 1950.

†A third course in the subject already chosen from the foregoing list, or a first course in another subject in that list. Comparative Philology may take the place of a third course in a language other than English, and either Political Science or Economic History is regarded as a third course in History. Latin I must be taken by all students who have not passed in Latin at the Leaving Honours Examination.

‡(g) Repealed.

*(h) For the Honours degree in Economics:

Economics I, II, and III;

Economic History;

Pure Mathematics IA;

Statistics I;

French I, or German I, or an examination in French or German approved by the Council;

For a candidate who has passed in French I or German I: French II, or German II, or Political Science, or Ethics, or Pure Mathematics IIA, or Statistics II and Actuarial Mathematics;

For a candidate who elects to take the examination in French or German approved by the Council: Political Science, or Ethics, or Pure Mathematics IIA, or Statistics II and Actuarial Mathematics, and one other course approved for the purpose by the Faculty of Arts.

§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

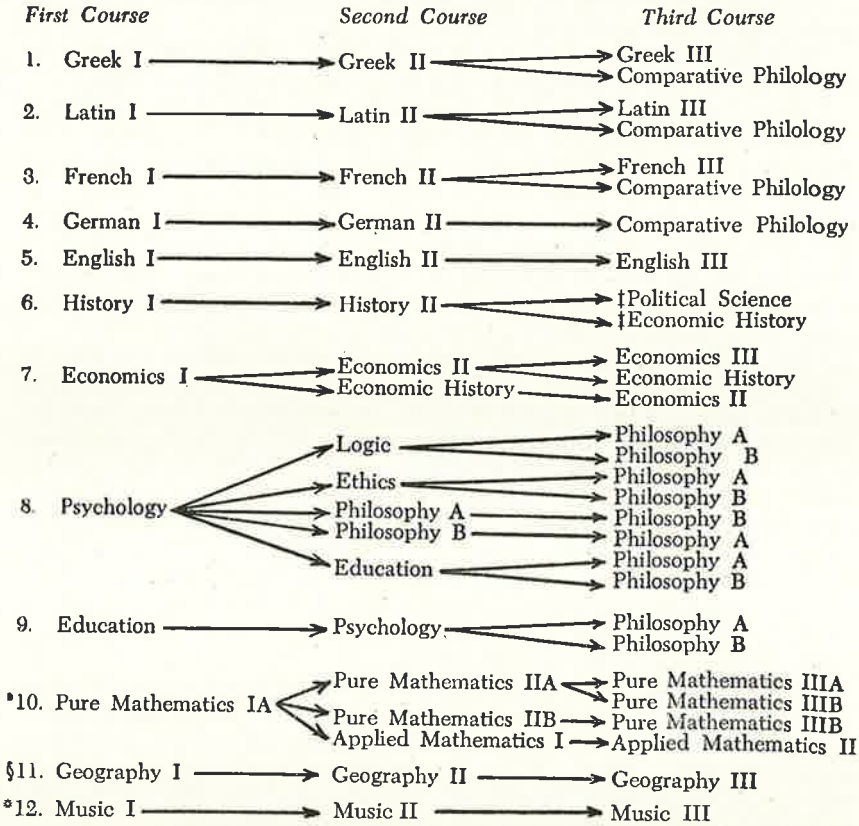
Third Class

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 Regulation 4.

* Allowed 9th December, 1943, and amended 8th December, 1949.
† As amended 22nd April, 1942.
‡ Repealed 16th December, 1948.
§ Amended 16th December, 1948.
** Allowed 14th December, 1950.

4. A candidate for the Ordinary degree shall attend lectures and pass examinations in ten of the courses set out in regulation 2; the ten courses required for the 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, Economics I, Geography I, Psychology or Education, *Pure Mathematics IA, Physics I, Chemistry I, Botany I, Zoology I, †Biology, Geology I, Music; and (e) two of the following sequences of three courses each, permissible sequences being indicated by the arrows:



**No course shall be counted twice, and a candidate shall not present both Economics I and Social Economics.

‡‡A candidate who has been accepted by the Board of Studies in Social Science as a candidate for the diploma in Social Science may

* Allowed 7th December, 1939. † Allowed 9th December, 1943.
§ Allowed 16th December, 1948. ** Allowed 8th December, 1949.
‡‡ Allowed 14th December, 1950.
‡ Either of these subjects may be taken concurrently with History II.

present Social Biology A in lieu of the first-year course in a science subject required for the degree.

5. Except by permission of the Faculty of Arts a candidate shall not proceed to a course for which he has not completed the pre-requisite courses as prescribed in the syllabuses.

6. A candidate may select any number of courses from any group of courses connected by arrows in Regulation 4, provided only that the conditions of Regulations 4 and 5 are satisfied.

7. 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. 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. Schedules defining the range of study, laboratory work, and examinations will be published as early as possible in each year.

*10. All 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.

†10A. 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.

11. 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 by the Faculty of Arts.

12. 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 Council.

For the purpose of this regulation a candidate who fails to receive permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

* Allowed 8th December, 1938, and amended 11th December, 1947.

† Allowed 8th December, 1949.

13. A candidate who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at another University be counted *pro tanto* for the degree of Bachelor of Arts, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

14. 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.

*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.

15. 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 shall pay the fees prescribed in Subsection 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	15	15	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

* Allowed 7th December, 1939. † Amended 16th December, 1948.
‡ Allowed 14th December, 1950.

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 total fee in each school, except Mathematics, is sixty-two guineas.

C. For the Ordinary or the Honours degree of Bachelor of Arts - - - - - - - - - - £5 5 0

The fees which a candidate pays for a course of lectures or an examination which he afterwards finds himself unable to attend, shall not be returned, unless the Council shall otherwise determine.

16. All previous regulations governing the degree of Bachelor of Arts are hereby repealed. A candidate for the Ordinary degree who has matriculated in or before the year 1938 and has, by December, 1938, passed in at least four courses will be allowed to complete the course for the degree under the regulations hereby repealed, provided that he does so not later than December, 1940. A candidate for the Ordinary degree who, by December, 1938, has passed in fewer than four courses will be required to proceed under the regulations hereby made. A candidate for the Honours degree who has by December, 1938, received the approval of the head of the school in which he desires to proceed to Honours will be allowed to complete the course under the regulations hereby repealed, provided that he does so not later than December, 1941.

Allowed 8th December, 1938.

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.

* Amended 16th December, 1948. † Allowed 16th December, 1948.

(b) Except as provided for in paragraph (c) of this regulation, not more than two subjects shall be presented both for the diploma in Arts and Education and for any other degree or diploma.

(c) An Associate who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree any or all of the subjects which he presents for the diploma of Associate provided:

(i) that he complete the requirements for matriculation before taking any further subject towards the degree; and

(ii) that he surrender his diploma before being admitted to the degree.

Allowed 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 (61);
(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.

* Allowed 7th December, 1939. † Allowed 14th December, 1950.

4. A candidate may be excused attendance at lectures or practical work, but only on grounds approved by the Council.

5. A candidate who desires that the examinations he has passed elsewhere, and the practical work he has done, should be counted *pro tanto* for the diploma in Education, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

6. Schedules defining the approved courses of study and professional work shall be drawn up from time to time by the Faculty of Arts and approved by the Council.

7. The undermentioned fees shall be payable in advance in such instalments as the Council shall from time to time determine:

(1) For lectures and examination in Hygiene -	£3	3	0
(2) For lectures and examination in Educational Psychology, Parts I and II. Each part - -	2	2	0
(3) For lectures and examination in the Principles of Education (Pre-Primary, or Primary, or Secondary), Parts I, II, and III. Each part -	2	2	0
(4) For the course in Practical Teaching - -	3	3	0
(5) For the Diploma - - - - - -	2	2	0

One-half of the fee prescribed for any course shall be paid by a student who is exempted from lectures, and by one who takes lectures or 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.

* Allowed 14th December, 1944.

3. Every candidate shall either

§(a) present a satisfactory thesis on a subject approved by the Faculty of Arts, and shall, if required, adduce sufficient evidence that the thesis is his own work: provided that in Classics or Mathematics a candidate may present himself for an examination in lieu of presenting a thesis; or

(b) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work selected from two departments within the Faculty, and approved by the Faculty.

‡For the purpose of section (b) of this regulation, the following combined courses are approved by the Faculty:—Philosophy and Mathematics, Philosophy and Greek, Philosophy and English Language and Literature, Philosophy and Political Science and History, English Language and Literature and Latin, English Language and 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.
‡ Amended 3rd January, 1935, and 7th December, 1939.
§ Amended 14th December, 1950. 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. Candidates may obtain either or both degrees.

*2. Candidates for the Ordinary degree shall attend lectures regularly and shall pass examinations in the following subjects:

Economics I (51), II (52) and III (53);
Economic History (44);
Pure Mathematics IA (85);
Statistics I (487);
Statistics II and Actuarial Mathematics (57);
Accountancy I (482);
Public Finance (497) or Commercial Law I (484);
French I (26) or German I (36) or Latin I (5) or Greek I (1);
Course II in the language chosen above, or English I (16) or Political Science (45), or Geography I (58), or Psychology (61), or Ethics (65), or Pure Mathematics IIA (89).

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.

†3. Candidates for the Honours degree shall: (a) pass in the following subjects:

Economics I, II and III;
Economic History;
Pure Mathematics I;
Statistics I;
Statistics II and Actuarial Mathematics;
Accountancy I;
Public Finance or Commercial Law I;
French I or German I or Latin I or Greek I;

and (b) devote a further year to the study of Economics and perform such additional work as the Professor may prescribe.

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.

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

*Amended 11th December, 1941, 16th December, 1948, and 14th December, 1950
† Allowed 16th December, 1948.

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.

4. Candidates may be granted exemption from attendance at lectures in any subject or subjects in which they desire to be examined, 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 under very exceptional circumstances.

5. All candidates will be required to do such written or practical work as may be prescribed by the professor or lecturer concerned.

6. Schedules defining the range of study, practical work, and examinations shall be published as early as possible in each year.

‡7. All examinations shall take place 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 laboratory or other practical work, where required, to the satisfaction of the professors or lecturers concerned.

8. Written or practical work done by candidates by direction of the professor or lecturer concerned, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

†8A. 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.

9. 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.

*9a. 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 Council.

For the purpose of this regulation a candidate who fails to receive permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

‡ Allowed 10th December, 1930, and amended 11th December, 1947.
* Allowed 30th November, 1933. † Allowed 8th December, 1949.

10. Candidates who have passed equivalent examinations in other Faculties or otherwise, or who desire that their work at other Universities should be counted *pro tanto* for the degree of Bachelor of Economics, may, on application to the Council, be granted such exemption from the requirements of these regulations as the Council shall determine.

†Not more than four units which have been presented for any other degree or diploma may be counted towards the degree of Bachelor of Economics. A candidate who has already counted towards another degree or diploma more than four of the units in the course for the degree of Bachelor of Economics will be required to attend lectures and pass the prescribed examinations in such other subject or subjects as may be prescribed by the Council.

11. The following fees shall be paid in advance in such instalments as the Council shall from time to time determine:—

(a) For lectures and examinations:

(1) For those subjects which are included in the Regulations for the degree of Bachelor of Arts —the fees prescribed in those regulations.

(2) For those subjects from the courses for the diplomas in Commerce and Public Administration—the fees prescribed in the regulations for the diplomas in Commerce and Public Administration.

(3) Economics III	£5	5	0
Statistics II and Acturial Mathematics	5	5	0
(4) For the honours work in Economics	10	10	0
*(5) For the final honours examination	7	7	0
(b) For the Ordinary or Honours degree of Bachelor of Economics	5	5	0

One-half of the fee prescribed for any course except the honours course in Economics shall be paid by students who are exempted from attendance at lectures, and by those who attend lectures or take examinations, or do both, a second time.

† Allowed 11th December, 1941, and amended 8th December, 1949.
* Allowed 11th December, 1941. Allowed 10th December, 1930.

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).

† Amended 16th December, 1948, 8th December, 1949, and 14th December, 1950.

Group D: Histology (179), Statistical Methods (92), Agricultural Chemistry (125), Economics (51S), Mining I (267), Surveying I (276), Genetics (159), Palæontology (147).

*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* Palæontology and Zoology II or Botany II in lieu of his second subject from Group C,

* Amended 16th December, 1948. † Amended 11th December, 1947.
** Allowed 14th December, 1950. ‡ Amended 8th December, 1949.

provided that in such case Zoology II or Botany II (as the case may be) be not counted as a subject from Group B, *or*, if he wish to present Zoology III or Botany III as his second subject from Group C, 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	
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 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	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 considers necessary for the Honours course in the school selected.

C. Fee for the Ordinary or the Honours degree of Bachelor of Science - - - - - - £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 shall pay the following fees for examination:

(a) For the theoretical examination—

In any subject except Physics III and Geology III: half the lecture fee.

In Physics III or Geology III - - - - £3 3 0

(b) For the Practical examination—
In any subject in Group A or in Bacteriology I 1 11 6
In any other subject - - - - - - 2 12 6
(c) For the whole examination in any subject for the Honours degree - - - - - - 7 7 0

Provided that the total fee for examination in any subject under (a) and (b) shall not exceed £5/5/-.

A student taking a course of lectures and examination a second time shall pay half fees, but full fees will be required for a repeated course of laboratory work.

The fees for the course at the Australian Forestry School are not included in this schedule.

OF THE DEGREE OF MASTER OF SCIENCE REGULATIONS

*1. The following persons may become candidates for the degree of Master of Science: (a) Bachelors of Science, (b) Bachelors of Agricultural Science, (c) graduates in Medicine or in Veterinary Science who produce evidence that they have spent two academic years in research at an institution recognised for the purpose by the University of Adelaide and (d) other graduates whose academic qualifications are accepted by the Faculty of Science as sufficient.

*1A. Unless the candidate has obtained the Honours Degree of Bachelor of Science or of Agricultural Science he shall, before submitting his thesis (or presenting himself for examination in Mathematics) as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

2. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Science as equivalent to one of the qualifications required in regulation 1, may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

3. A candidate who holds the Honours degree of Bachelor of Science or Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

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

* Allowed 14th December, 1944.

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 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.

* Allowed 10th January, 1946.
† Allowed 10th December, 1936, and amended 10th January, 1946.

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 14th December, 1950. Allowed 3rd January, 1929.

OF THE DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Agricultural Science. A candidate may obtain either degree or both.

2. Except in special cases allowed by the Council or in the case of candidates holding the diploma of Roseworthy Agricultural College, every candidate for the degree of Bachelor of Agricultural Science shall after matriculation spend four academic years at least in courses of study prescribed for the degree.

A candidate who holds the diploma of Roseworthy Agricultural College shall spend three academic years at least in courses of study prescribed for the degree.

3. To obtain the degree, whether the Ordinary or the Honours degree, every candidate must regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed.

He must also present evidence to the satisfaction of the Council that he has had the practical experience prescribed.

4. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Agricultural Science and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

5. A candidate may be exempted from attendance at lectures or practical work in a subject in which he desires to be examined, but only upon grounds approved by the Council.

6. A candidate for the Honours degree shall spend an additional year and attend lectures and pass examinations in such subjects of such departments of Agricultural Science, and in such additional subjects, as may be prescribed by the Faculty.

†The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class

Division A

Division B

7. All annual examinations shall take place towards the end of the academic year, except that practical examinations and all examinations in those subjects in which the course of instruction has been completed by the end of the second term, may be held at any convenient time to be fixed by the Council.

*When entering for examination a candidate shall present on the prescribed form certificates showing that he has regularly attended the prescribed lectures, and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

Written or practical work done by candidates by direction of the professors and lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

Supplementary examinations shall be held at such times as may be approved by the Council.

A candidate who fails to pass an annual examination shall again attend lectures and do practical work in the subjects of that year's work to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Agricultural Science.

* Allowed 23rd January, 1947, and amended 11th December, 1947.

† Amended 16th December, 1948.

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 (195).
Entomology (190).
Plant Pathology (197).

(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.

C. The fee for admission to the Ordinary or the Honours degree shall be £5/5/-.

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.

2. A candidate who holds the Honours degree of Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Agricultural Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor: no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

3. Subject to conditions to be determined in each case, a graduate of a University recognised by the University of Adelaide may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions in Agricultural Science in support of his candidature.

5. Unless the candidate has obtained the Honours Degree of Bachelor of Agricultural Science, he shall, before submitting his thesis as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

6. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes

to submit a thesis. The Faculty of Agricultural Science, if it approve the subject of his research, may appoint a supervisor to guide the candidate in his work.

7. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

8. A candidate shall deposit a printed or typewritten copy of his thesis in the library of the University before he is admitted to the degree.

9. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall, on the recommendation of the Faculty of Agricultural Science, be admitted to the degree of Master of Agricultural Science.

10. The 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. The fee for admission to either the Ordinary degree or the Honours degree shall be £3/3/-.

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.

* Amended 8th December, 1949.

(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 the professors and lecturers, unless exempted by the Faculty of Engineering. Any such exemption shall hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

6. Except in case of illness or other sufficient cause allowed by the Council, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

7. No candidate shall be granted exemption from attendance at lectures or practical work in any subject, except upon grounds approved by the Council.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

* Amended 8th December, 1949.

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

† Amended 16th December, 1948.

(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.

Allowed 11th December, 1947.

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.

* Allowed 15th December, 1937.

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 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 2^2, 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 following new schedules for Mining Engineering and Metallurgical and Chemical Engineering have been approved by the Council, and are in course of replacing the old schedules for Mining and Metallurgy.

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

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
111	Chemistry I, Lectures	3	U.	5	5	0
	Practical	6	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

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
113	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.			
248N	Engineering Drawing I, Practical	4	S.M.	3	15	0
286	Workshop Practice I, Lectures	1^2	S.M. }	2	10	0
	Practical	3^2	S.M. }			
246	*First Aid	3^1		0	14	0
247	General Engineering	1^2	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
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3^2	U.	3	13	6
249N	Engineering Drawing II, Lectures	1^2	S.M.	2	10	0
	Practical	3^2	S.M.			
264N	Physical Metallurgy I, Lectures	1	S.M. }	6	0	0
	Practical	3	S.M. }			
276	Surveying I, Lectures	1	U.	1	11	6
	Practical	3	U.	3	3	0

THIRD YEAR

221N	Civil Engineering I, Lectures	2	U.	4	4	0
	Practical	6^1 3^2	U.	6	6	0
256N	Mechanical Engineering I, Lectures	2^2 3^1	U.	5	5	0
	Practical	6^1 3^2	U.	6	6	0
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3^1	U.	1	11	6
267N	Mining Engineering I, Lectures	2	U.	4	4	0
143	Geology II (B.E. Course), Lectures	2^2	U.	2	16	0
	Practical	6^2	U.	5	12	0
145	Mining Geology, Lectures	2^1	U.	2	2	0
	Practical	6^1	U.	3	3	0

FOURTH YEAR

268N	Mining Engineering II, Lectures	2	U.	4	4	0
	Practical	6	U.	5	5	0
261N	Process Engineering I, Lectures	2	U.	4	4	0
	Practical	6	U.	7	7	0
270N	Oredressing, Lectures	2^2	S.M.	3	0	0
	Practical	3^2	S.M.	3	0	0
203N	Assaying I, Lectures	1	S.M. }	10	10	0
	Practical	6	S.M. }			
273	Mine Surveying, Lectures	1	U.	1	11	6
	Practical	3	U.	3	3	0

VACATION WORK (Compulsory):

First Year: Long Vacation—Workshop Practice—of not less than 8 weeks.

Second Year: Long Vacation—Mining Surveying Camp—of 4 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

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
111	Chemistry I, Lectures	3	U.	5	5	0
	Practical	6	U.	7	7	0
85	Pure Mathematics IA, Lectures	3	U.			
	Tutorial	1	U.	5	5	0
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
114B	Practical	8	U.	10	10	0
89	Pure Mathematics IIA, Lectures	3	U.			
	Tutorial	1	U.	5	5	0
91	Applied Mathematics I, Lectures	3	U.			
	Tutorial	1	U.	5	5	0
248N	Engineering Drawing I, Practical	4	S.M.	3	15	0
286	Workshop Practice I, Lectures	1^2	S.M. }			
	Practical	3^2	S.M. }	2	10	0
246	*First Aid	3^1		0	14	0
247	General Engineering	1^2	U.			

* First Aid may be completed at any time before graduation.

SECOND YEAR

117a	Physical Chemistry III, Lectures	2^3	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
249N	Engineering Drawing II, Lectures	1^2	S.M.			
	Practical	3^2	S.M.	2	10	0
264N	Physical Metallurgy I, Lectures	1	S.M. }			
	Practical	3	S.M. }	6	0	0

THIRD YEAR

256N	Mechanical Engineering I, Lectures	2^3, 3^1	U.	5	5	0
	Practical	6^1, 3^2	U.	6	6	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3^2	U.	3	13	6
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3^1	U.	1	11	6
261N	Process Engineering I, Part A, Lectures	1	U.	2	2	0
	Practical	3	U.	3	13	6
	Part B, Lectures	1	U.	2	2	0
	Practical	3	U.	3	13	6
277	Surveying IA, Lectures	1	S.M. }			
	Practical	3	S.M. }	5	12	6

FOURTH YEAR

262N	Process Engineering II, Lectures	3	U.	5	5	0
	Practical	15	U.	13	13	0
270N	Oredressing, Lectures	2^2	U.	3	0	0
	Practical	3^2	U.	3	0	0
203N	Assaying I, Lectures	1	S.M. }			
	Practical	6	S.M. }	10	10	0
	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.

MINING (Old Schedules)

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
112	Inorganic Chemistry I, Lectures	2	U.	3	3	0
	Practical	3	U. or S.M.	5	5	0
248	Engineering Drawing and Design I	4	S.M.	3	15	0
85	Pure Mathematics IA, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
256	Mechanical Engineering I	2	S.M.	2	5	0
101	Physics I, Lectures	3	U.	5	5	0
	Practical	3	U.	4	4	0
276	Surveying I, Lectures	1	U.	1	11	6
	Practical	3	U.	3	3	0
281	Survey Camp			3	3	0
286	Workshop Practice I, Lectures	1[2]	S.M.	2	10	0
	Practical	3[2]	S.M.			
246	*First Aid	3[1]		0	14	0
247	General Engineering	1[2]	U.			

* First Aid, although included in the schedules of the first-year course, may be completed at any time before graduation.

SECOND YEAR

91	Applied Mathematics I, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
203	Assaying I	6[2]	S.M.	4	4	0
249	Engineering Drawing and Design II, Lectures	1	S.M.	3	15	0
	Practical	3	S.M.			
89	Pure Mathematics IIA, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
261	Metallurgy I	1	S.M.	2	5	0
267	Mining I	1	S.M.	2	5	0
103	†Physics II (B.E. Course), Lectures	2	U.	4	4	0
	Practical	3	U.	6	6	0

† A candidate who wishes to do so may substitute Inorganic Chemistry II (113 and 114B; total fee £14 14/-) for Physics II.

THIRD YEAR

141	Geology I, Lectures	2	U.	3	3	0
	Practical	3	U.	3	3	0
257	Mechanical Engineering II, Lectures	2	S.M.	3	3	0
	Practical	2[2]	S.M.	3	3	0
264	Metallography I, Lectures and Practical	3	S.M.	3	0	0
268	Mining II	2	S.M.	4	4	0
270	Oredressing, Lectures	1	S.M.	2	5	0
	Practical	3	S.M.	2	5	0
274	Strength of Materials, Lectures	2	U.	4	4	0
	Practical	3	U.	4	4	0
278	Surveying IIA, Lectures	1[2]	U.	1	11	6
	Practical	1	U.	1	11	6
272	Mining Trip					

FOURTH YEAR

226	Design of Structures I	3	U.	4	4	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3[2]	U.	3	13	6
143	Geology II, B.E. Course, Lectures	2[2]	U.	2	16	0
	Practical	4[2]	U.	5	12	0
145	Mining Geology, Lectures	2[1]	U.	2	2	0
	Practical	4[1]	U.	3	3	0
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3[1]	U.	1	11	6
262	Metallurgy II (Lectures only)	2	S.M.	3	0	0
269	Mining III, Lectures	2	S.M.	2	12	6
	Practical	3	S.M.	2	2	0
	Mining and Metallurgy Seminar	1	S.M.	1	1	0
272	Mining Trip					

METALLURGY (Old Schedules)

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
111	Chemistry I, Lectures	3	U.	5	5	0
	Practical	6	U. or S.M.	7	7	0
248	Engineering Drawing and Design I	4	S.M.	3	15	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
276	Surveying I, Lectures	1	U.	1	11	6
	Practical	3	U.	3	3	0
281	Survey Camp			3	3	0
286	Workshop Practice I, Lectures	1^2	S.M.	2	10	0
	Practical	3^2	S.M.			
246	°First Aid	3^1		0	14	0
247	General Engineering	1^2	U.			

° First Aid, although included in the schedules of the first-year course, may be completed at any time before graduation.

SECOND YEAR

91	Applied Mathematics I, Lectures	3	U.	5	5	0
	Tutorial	3	U.			
113	Inorganic Chemistry II, Lectures	2	U.	4	4	0
114B	Practical	8	U. or S.M.	10	10	0
89	Pure Mathematics IIA, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
256	Mechanical Engineering I	2	S.M.	2	5	0
261	Metallurgy I	1	S.M.	2	5	0
249	Engineering Drawing and Design II, Lectures	1	S.M.	1	2	6
	Practical	3	S.M.	1	17	6
267	Mining I	1	S.M.	2	5	0

THIRD YEAR

203	Assaying I	6^2	S.M.	4	4	0
141	Geology I, Lectures	2	U.	3	3	0
	Practical	3	U.	3	3	0
245	Industrial Engineering	2	U.	4	4	0
264	Metallography I, Lectures and Practical	3	S.M.	3	0	0
262	Metallurgy II, Lectures	2	S.M.	3	0	0
	Practical	3^2	S.M.	1	10	0
270	Oredressing, Lectures	1	S.M.	2	5	0
	Practical	3	S.M.	2	5	0
274	Strength of Materials, Lectures	2	U.	4	4	0
	Practical	3	U.	4	4	0
272	Metallurgy Trip					

FOURTH YEAR

204	Assaying II	8	S.M.	10	10	0
226	Design of Structures I	3	U.	4	4	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3^2	U.	3	13	6
265	Metallography II, Parts A, B and C, Lectures and Practical	9	S.M.	9	0	0
263	Metallurgy III, Lectures	2	S.M.	3	15	0
	Practical	3^2	S.M.	2	5	0
	Mining and Metallurgy Seminar	1	S.M.	1	1	0
117A	Physical Chemistry III (Lectures only)	2^2	U.	3	10	0
272	Metallurgy Trip					

CIVIL, ELECTRICAL AND MECHANICAL ENGINEERING

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
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
248N	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	1^2	S.M.	2	10	0
	Practical	3^2	S.M.			
246	†First Aid	3^1		0	14	0
247	General Engineering	1^2	U.			

† First Aid, although included in the schedules for the first-year course, may be completed at any time before graduation.

SECOND YEAR

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
249N	Engineering Drawing II, Lectures	1^2	S.M.	2	10	0
	Practical	3^2	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

221N	Civil Engineering I, Lectures	2	U.	4	4	0
	Practical	6^1 3^2	U.	6	6	0
256N	Mechanical Engineering I, Lectures	2^2 3^1	U.	5	5	0
	Practical	6^1 3^2	U.	6	6	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3^2	U.	3	13	6
242N	Electronic Engineering IA, Lectures	1	U.	1	11	6
	Practical	3^1	U.	1	11	6
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3^1	U.	1	11	6
287	Workshop Practice II, Lectures	1	S.M.	5	12	6
	Practical	3	S.M.			

ELECTRICAL ENGINEERING

221N	Civil Engineering I, Lectures	2	U.	4	4	0
	Practical	6^1, 3^2	U.	6	6	0
256N	Mechanical Engineering I, Lectures	2^2 3^1	U.	5	5	0
	Practical	6^1, 3^2	U.	6	6	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3^2	U.	3	13	6
242N	Electronic Engineering IA, Lectures	1	U.	1	11	6
	Practical	3^1	U.	1	11	6
242N	Electronic Engineering IB, Lectures	1	U.	1	11	6
	Practical	3^2	U.	2	12	6
287	Workshop Practice II, Lectures	1	S.M.	5	12	6
	Practical	3	S.M.			

FOURTH YEAR

CIVIL ENGINEERING

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
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	8	U.	4	4	0
245	Industrial Engineering, Lectures	2	U.	4	4	0
141	Geology I, Lectures	2	U.	3	3	0
	Practical	3	U.	3	3	0
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

242N	Electrical Engineering II, Part A, Lectures	4	U.	6	6	0
	Practical	6-9	U.	8	8	0
	Part B, Lectures	4	U.	6	6	0
	Practical	6-9	U.	8	8	0
	Seminar	2	U.	2	2	0
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3^1	U.	1	11	6
245	Industrial Engineering, Lectures	2	U.	4	4	0

MECHANICAL ENGINEERING

257N	Mechanical Engineering II—					
	Part A, Thermodynamics, Lectures	4^1, 2^1	U.	4	4	0
	Practical	3	U.	6	16	6
	Fluid Mechanics, Lectures	1	U.	3	3	0
	Practical	3^1	U.	1	11	6
	Part B, Theory of Machines II, Lectures	2^1 1^2	U.	3	3	0
	Practical	3^2	U.	3	3	0
	Machine Design II, Lectures	2^2	U.	3	3	0
	Practical	6	U.	6	6	0
245	Industrial Engineering, Lectures	2	U.	4	4	0

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	1^2	U.		—	

SECOND YEAR

91*	Applied Mathematics I, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
141°	Geology I, Lectures	2	U.	3	3	0
	Practical	3	U.	3	3	0
89*	Pure Mathematics IIA, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
2[illegible]	Building Construction and Drawing II, Lectures	1^2	S.M.	4	10	0
	Practical	2	S.M.			
239	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.			
237N	Geometrical Projection and Rendering	4	S.M.	4	10	0

THIRD YEAR

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £	s.	d.
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[1]		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[1] 3[2]	U. }	6	6	0
277	Surveying IA, Lectures	1	S.M. }	5	12	6
	Practical	3	S.M. }			

FIFTH YEAR

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £	s.	d.
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	3	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
*(4) Fee for each additional examination required for the Honours degree of Bachelor of Laws -	3	3	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.

(5) Fee for the Final Certificate - - - -	5	5	0
*(6) Fee for either the Ordinary or the Honours degree of Bachelor of Laws - - - - - -	7	7	0
¶(6a) Fee for the Ordinary degree if the Final Certificate has already been taken out - -	3	3	0
*(7) Fee for the Honours degree if the Ordinary degree has already been conferred - - - -	3	3	0

* Allowed 10th December, 1930. ¶ Allowed 10th December, 1936.

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[1] of his intention to present himself before the Board of Examiners[2], and

(d) has attended personally before the Board of Examiners[2].

6. Within three months after the execution of his articles the articled clerk shall—

(a) file the articles;

[1]The Law Society of South Australia, Incorporated.
[2]The Board of Examiners of the Supreme Court of South Australia.

(b) file an affidavit verifying the execution and date of the articles;
(c) produce to the Master[3] 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[1] of the execution of the articles.

7. Within one month of the execution of any assignment of any articles the articled 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[1] of the execution of the assignment.

8. (1) Every articled clerk shall during the full term of his articles be employed under the personal supervision of—
(a) the practitioner to whom he is articled; 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 articled.

(2) The assistant Crown Solicitor shall for the purpose of this rule be deemed to be a partner of the Crown Solicitor.

9. (a) No articled clerk shall during the period of his articles pursue any occupation or business other than the proper business of a practitioner.

(b) A clerk articled to the Crown Solicitor shall not be deemed to pursue any such occupation or business by reason merely of the fact that he is a public servant.

Persons Eligible for Admission.

10. A person who has attained the age of twenty-one years, and is either a natural born or naturalised British subject, may apply to be admitted as a practitioner if such person is—
(a) a member of the bar of England, of the Irish Free State, or of Northern Ireland;
(b) a Scottish advocate;
(c) a solicitor of the United Kingdom;
(d) a barrister or a solicitor of a reciprocating part of the British Dominions;
(e) a clerk who has served the prescribed period of articles and has also passed the law examinations prescribed by these rules.

Law Examinations.

11. No person other than those mentioned in subparagraphs (a), (b), (c) and (d) of the last preceding rule (who are in these rules called "applicants previously admitted elsewhere") shall be admitted until he has satisfied the Board of Examiners[2] that—

[1] The Law Society of South Australia, Incorporated.
[2] The Board of Examiners of the Supreme Court of South Australia.
[3] The Master of the Supreme Court of South Australia.

(a) he has taken, or has passed the examinations entitling him to take, the degree of Bachelor of Laws in the University of Adelaide; or

(b) has at examinations at the University of Adelaide obtained the final certificate in law certifying that he has passed in—

i. elements of law and legal and constitutional history;
ii. the law of contracts;
iii. the law of wrongs (civil and criminal);
iv. the law of property (real and personal);
v. the law of equity and conveyancing;
vi. mercantile law;
vii. the law relating to companies, partnership, bankruptcy, and divorce;
viii. the law of evidence and procedure; and
ix. constitutional law; and

(c) in either case (a) or (b) that he has produced to the Faculty of Law at the University of Adelaide a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of legal ethics.

PERIOD OF ARTICLES.

12. A clerk who has obtained a degree of Bachelor of Laws at the University of Adelaide, or the final certificate in law, and who has served the whole period of his articles in the State, may be admitted after four years' service as an articled clerk: Provided that three years' service shall suffice if the clerk satisfies the Board of Examiners[2] that—

(a) before being articled he had passed in at least two subjects prescribed for the degree of Bachelor of Laws in the University of Adelaide in addition to the Intermediate Examination in Law; and

(b) he had, before his application for admission is considered by the Board[2], 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[2] that he has obtained at the University of Adelaide either the degree of Bachelor of Laws or the final certificate in Law, and has served five years under articles—

(a) to a solicitor of the United Kingdom or of a recognised part of the British Dominions; or

(b) partly to such a solicitor and partly to a practitioner of the Supreme Court of the State.

14. Any period during which a clerk has been or has acted as associate to a Judge of the Supreme Court of the State, shall be deemed to be a period served as an articled clerk to a practitioner.

[2] The Board of Examiners of the Supreme Court of South Australia.

OF THE DEGREE OF MASTER OF LAWS
REGULATIONS

1. No candidate shall be admitted to the degree of Master of Laws until the expiration of two academic years from the date of his admission to the degree of Bachelor of Laws in this or in some other University recognised by this University.

*1a. A graduate of another University recognised by this University, whose qualifications are considered by the Faculty of Law to be equivalent to those of the degree of Bachelor of Laws, may after the expiration of two years from the date of his admission to such degree be allowed by the Council, subject to any special conditions it may impose, to proceed to the degree of Master of Laws in compliance with these regulations.

2. Candidates for the degree of Master of Laws must have qualified for the Honours degree of Bachelor of Laws or must pass an examination approved by the Faculty of Law.

3. Every candidate shall present a thesis on a subject approved by the Faculty of Law, and shall adduce sufficient evidence that the thesis is his own work.

4. If a thesis submitted by a Bachelor of Laws for the degree of Doctor of Laws be considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not sufficiently meritorious to qualify for the degree of Doctor of Laws, but satisfactory for the degree of Master of Laws, the degree of Master of Laws may be conferred upon the candidate, provided that the candidate is in other respects qualified to submit himself for this degree.

5. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

6. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Master of Laws.

7. The following fees shall be payable in advance:

On presentation of thesis - - - -	£5	5	0
On entry for examination, if required - -	5	5	0
On admission to the degree - - - -	5	5	0

* Allowed 7th December, 1939. Allowed 10th December, 1930.

OF THE DEGREE OF DOCTOR OF LAWS
REGULATIONS

*1. A Bachelor or Master of Laws may proceed to the degree of Doctor of Laws by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fourth academic year from his admission to the degree of Bachelor of Laws.

2. Every candidate shall present an original thesis of sufficient merit exhibiting powers of original research on some branch or sub-

* Allowed 10th December, 1930.

ject of law proposed by him and approved by the Faculty of Law. He must satisfy the examiners by such proof as they shall require that the thesis is his own composition.

3. The examiners may, if they think fit, examine the candidate either orally or by written questions in the subject matter of his thesis.

4. A printed or typewritten copy of any thesis approved by the examiners shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

5. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Doctor of Laws.

*6. The following fees shall be paid in advance:

On submission of the thesis for examination	£21 0 0
On admission to the degree - - - -	5 5 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 (344);
(d) Public Health and Preventive Medicine, and Forensic Medicine (343).

‡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 and degree fees, 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. ‡ 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, a diagnostic set including an 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.

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 in the presence of the Pathologist, carry out any post-mortem examination required of him (a record of the examinations made by him will be kept in the attendance-book at the mortuary);
(h) if present at a post-mortem examination, sign his name in the attendance-book, which will be countersigned by the Pathologist.

(i) at the end of each term, if he has fulfilled these conditions, obtain certificates signed by his Honorary Officers, and at the end of the year by the Medical Superintendent, and countersigned by the Chairman of the Board; if the conditions have not been fulfilled the Dean of the Faculty of Medicine shall be informed.

Resident Dressers for Casualty Duties.

8. The group of dressers allotted to the Honorary Surgeons shall, during the period the surgeon is taking in cases, be appointed to the following Hospital duties:—

9. Two such dressers shall be permitted to reside in the Hospital and be on duty from 5 p.m. to 9 a.m.

10. There shall be two dressers of the group on casualty duty each day from 9 a.m. to 1 p.m., and two from 1 p.m. to 5 p.m.

11. Each dresser during his term of Hospital duties shall be under the supervision of the Admitting Medical Officer, and shall not administer any treatment except when directed by him.

12. Dressers when performing casualty duties shall—

(a) assist the Admitting Medical Officer in the Casualty Room;
(b) examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;
(c) attend or assist at emergency operations, as directed by the Medical Superintendent;
(d) write, at the dictation of the Admitting Medical Officer, a summary of investigation and emergency treatment carried out, and submit such to the Resident Medical Officer to whom the patient is assigned.

13. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.

14. }
15. } Suspended.
16. }

17. Every medical student shall pay to the Hospital such fees for admission to the practice of the Royal Adelaide Hospital as may be determined by the Board from time to time.

The fees to be paid are as follows:

For instruction in practical pharmacy, £2 2/-.

For clinical instruction by the Honorary Staff, including medical clerkships and surgical dresserships:—

1. For the medical and surgical practice of the Hospital for each student during his fourth or fifth year, £5 5/- a year.
2. For both medical and surgical practice and practice in special subjects (as in the sixth year), £10 10/- a year.
3. For instruction in the post-mortem room, £2 2/- each year for two years.
4. For instruction in the administration of anaesthetics, £3 3/-.

The above fees are to be paid to the University.

The following fees are to be paid to the Secretary of the Hospital:—

1. An entrance fee when commencing the clinical practice of the Hospital, £5 5/-.
2. For instruction in dentistry, £2 2/-.

The following fees are to be paid for material supplied by the Institute of Medical and Veterinary Science:—

1. For material in bacteriology, £1 1/-.
2. For material in practical pathology, £2 2/-.

Approved by the Council, 1925 and 1933.

INSTITUTE OF MEDICAL AND VETERINARY SCIENCE
RULES FOR MEDICAL STUDENTS

1. The Adelaide Medical Students' Society shall early in each academic year appoint a Committee which shall be responsible for the care of any property at the Institute of Medical and Veterinary Science used by medical students. One of the members of the Committee shall be appointed secretary of the Committee. The members of the Committee shall hold office until their successors are appointed.

2. The names of the members of the Committee shall be forwarded annually by the secretary of the Committee to the Registrar of the University and the Secretary of the Institute.

3. In the event of damage being caused by students to the grounds or property of the Institute, the Secretary of the Institute shall at once report the fact to the Secretary of the Committee.

4. The members of the Committee shall consider any report given under paragraph 3 and if satisfied that the damage reported has been caused by students shall hold themselves responsible to make good the damage to the satisfaction of the Director of the Institute.

5. If the members of the Committee are not satisfied that the damage has been caused by students they shall inform the Secretary of the Institute and report at once to the Registrar of the University in order that he may arrange a conference between them and representatives of the Council of the Institute. If no understanding is then reached a joint letter from the conference shall be sent to the Board of Discipline.

6. No student may introduce visitors into the Institute without the permission of the Director of the Institute.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ADELAIDE CHILDREN'S HOSPITAL

Medical students of the University are admitted to the practice of the Adelaide Children's Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that the Board of Management may make from time to time:—

1. Students may attend the practice of the Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon, and at other times if they have obtained the permission of one of the Visiting or Resident Medical Officers.

They shall carry out their duties in the wards and outpatients' department in a manner similar to that indicated in the rules for the Royal Adelaide Hospital.

2. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.

3. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.

4. The fees to be paid are as 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 Committe 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.

B. Fee for admission to the Ordinary degree or the Honours degree of Bachelor of Medical Science, £5/5/-.

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 0

* 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. Elements of Metallurgical Chemistry (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. Prosthetic Dentistry (415).

†12. At the Third Examination the student shall satisfy the examiners in each of the following subjects:—

* Allowed 12th December, 1929. § Amended 16th December, 1948.
† Amended 16th December, 1948. ‡ 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 (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.

§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 Dentisty 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 the fee for the degree of Bachelor of Dental Surgery 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, and 14th December, 1950.

§ Amended 16th December, 1948.

* Allowed 7th December, 1930. Allowed 7th December, 1927.

(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) Elements of Metallurgical Chemistry.

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) Prosthetic Dentistry; and shall attend at the Department of Dentistry of the Royal Adelaide Hospital:—(f) the practical demonstrations on Prosthetic Dentistry, (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 Pathohistology, (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; and shall attend at the Royal Adelaide Hospital; (l) the course of clinical instruction on surgical and medical practice; and at the Department of Dentistry; (m) the courses of demonstrations and laboratory work on Prosthetic Dentistry, Crown and Bridge work, Orthodontic Technics, and on the administration of Local Anaesthetics, (n) 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 practcial 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*

eundem gradum in the University of Adelaide, the period of four years shall be reckoned from the date of his first graduation in Dentistry.

2. Except in special cases approved by the Council only persons who have been admitted to the degree of Master of Dental Surgery may become candidates for the degree of Doctor of Dental Science.

3. To qualify for the degree a candidate shall submit a satisfactory thesis embodying the results of original research or investigation by the candidate on a subject approved by the Faculty of Dentistry. The thesis may be written specially for the degree, or may be an already published work, or may be a series of papers. It shall not be a compilation from books, nor a mere compendium of cases, nor merely observational. The candidate shall indicate in a preface or in a separate statement wherein he considers that it advances dental knowledge or practice, and shall furnish a history of the progress of dental knowledge in the subject of the thesis. A candidate may be required to undergo examination in the subject matter of, or in subjects cognate to, his thesis.

4. The degree shall not be awarded unless in the opinion of the examiners the thesis makes an original and substantial contribution to knowledge in some branch of Dental Science.

5. A candidate shall forward to the Registrar not later than the first day of July in the year in which he desires to be admitted to the degree three printed or typewritten copies of his thesis.

6. On receipt of the reports of the examiners appointed to adjudicate upon the thesis the Faculty of Dentistry will recommend whether the degree be granted or withheld or delayed.

7. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidiate 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
1. Chief Practical Study III
2. Second Practical Study III
3. History of Music II
4. Modern Languages III
5. Harmony III
6. Speech Training III
7. Sight Reading and Aural Training III

OR (b) Operatic Singing
1. Chief Practical Study III
2. Drama III
3. History of Music II
4. Modern Languages III
5. Harmony III
6. Speech Training III
7. 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. For admission to the degree - - - - - - £5 5 0

F. The fee for any subject of a year's work taken separately shall be - - - - - - - - - - £4 4 0

G. 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, Canon, and Fugue, } up to five parts;
(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 (482),
2. Accountancy II (483),
3. Commercial Law I (484);
4. Commercial Law II (485),
5. Economics I (486),
6. Statistics I (487),

and in two of the following:—

1. Accountancy III (490),
2. Commercial Law III (491),
3. Economic History (44),
4. Economics II (52),
5. Economics III (53),
6. Pure Mathematics I (86),
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 (486),
2. Statistics I (487),
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 (44); 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 (44).

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.

* Allowed 14th December, 1950. 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.

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.

† Allowed 23rd January, 1947. ‡ Allowed 11th December, 1947.
* Allowed 10th December, 1936.

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 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 qualications, 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, provided that a candidate who is a graduate may by permission of the Council complete the course in one year.

* Amended 9th December, 1943, and 8th December, 1949.
† Allowed 8th December, 1949.

4. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work which he has done elsewhere, be counted *pro tanto* for the Diploma in Social Science may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

5. A candidate who entered upon the course for the Diploma awarded by the South Australian Board of Social Study and Training may be granted such status as the Council shall determine in the course for the Diploma provided for in these regulations.

6. Schedules defining the subjects of study and the fees shall be drawn up from time to time, and when approved by the Council shall be published as early as possible in each year.

*7. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

* Allowed 11th December, 1947. Allowed 22nd April, 1942.

Schedules of Subjects and Fees made by the Council.

I. The subjects prescribed under section (a) of Regulation 3 are:

Economics I *or* Social Economics;
Psychology;
Social Biology;
Economic History, *or* Political Science, *or* Social History;
Principles and Practice of Social Work I and II;
Social Psychology;
Sociology (including Study of Society and Social Philosophy);
Human Nutrition.

II. The fees payable are:

For Social History	£3	3	0
For Social Organisation	3	3	0
For Human Nutrition	2	2	0
For the Principles and Practice of Social Work I and II. Each part	6	6	0
For 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 English, Physics, either Chemistry or Physiology, and one other subject at the Leaving Examination;

(c) present a medical certificate approved by the Council.

† Allowed 11th December, 1947.

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 examniations to be passed and the fees to be paid by candidates shall be drawn up by the Board of Studies in Physiotherapy and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

5. A candidate who entered upon the course for the Diploma awarded by the Australian Physiotherapy Association may be granted such status as the Council shall determine in the course for the Diploma provided for in these regulations.

6. At the First Examination the candidate shall satisfy the examiners in each of the following subjects:

(1) Anatomy I (including Histology) (571).
(2) Physiology (572).
(3) Physics (including the Physics of Medical Electricity) (573).
(4) Theory of Massage and Manipulation (574).
*(5) Social Psychology (576).

*7. At the Second Examination the candidate shall satisfy the examiners in each of the following subjects:

(1) Anatomy II (including Histology) (581).
‡(2) Theory of Treatments and Practice of Massage (582).
(3) Theory of Movement (583).
(4) Theory of Medical Electricity (584).
(5) Pathology (585).

8. At the Third Examination the candidate shall satisfy the examiners in each of the following subjects:

(1) Practice of Massage (592).
(2) Practice of Remedial Exercises (592).
(3) Practice of Medical Electricity (584).
(4) Theory and Practice of Muscle Re-education (591).
‡(5) Theory and Practice of Specialised Treatments (593).

9. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work 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.

* Allowed 10th January, 1946. ‡ Allowed 8th December, 1949.

10. A candidate who fails to present himself for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

11. A candidate who fulfils the conditions shall be awarded the Diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

Allowed 9th August, 1945.

Schedule of Fees made under Regulation 4.

A. The fee for each year's work, including one annual examination, shall be £35.

B. A candidate who repeats the work, or takes again the annual examination, of any year, or does both, shall pay half the fee prescribed.

C. The fee for a supplementary examination in any subject shall be £3/3/-.

D. The fee for the diploma shall be £2/2/-.

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital Practice.

OF THE DEGREE OF DOCTOR OF PHILOSOPHY REGULATIONS

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	0
(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.

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	15 15 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

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:

1. For subjects from the course for the degree of Bachelor of Arts—the fees prescribed in the Schedule for that degree.

2. For subjects from the courses for the diplomas in Commerce and Public Administration—the fees prescribed in the Schedule for those diplomas.

3. For Statistics II and Actuarial Mathematics £5 5 0

B. For the honours work in Economics 10 10 0

C. For the final honours examination 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 IIIB	each	£5 5 0	
Applied Mathematics I and II	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. Stastical 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 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 436 to 443 and in the rules made by the Council and published on page 436.

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 £3/3/-.

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	7	7	0
9. For admission to the Ordinary degree if the Final Certificate has already been taken out	3	3	0
10. For admission to the Honours degree if the Ordinary degree has already been conferred	3	3	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 and admission to the degrees, 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.

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 the fee for admission to the degree of Bachelor of Dental Surgery and all fees payable to the General Hospital and the Dental Department.

The fee for a supplementary examination in any subject is three 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

One-half of the fee prescribed for any course in Section A is paid by a student who is exempted from lectures, and by one who attends lectures or examination, or both, a second time.

XXIX. Diploma in Pharmacy.

The fee for each year's course is paid to the Pharmaceutical Society of South Australia.

The fee for the diploma is £2/2/-.

XXX. Diploma in Physical Education.

1. The fee for the medical and physical examinations is £2/2/-.

2. The fee for the subjects included under Regulation 3 (b) is £42, payable in two annual instalments.

3. Undergraduates may be admitted to the course of lectures in any theoretical subject without payment of fees, and a limited number to practical work on conditions prescribed by the Council.

4. The fee for subjects taken separately is:

First-Year Course

Human Biology	£5 5 0
Hygiene	3 3 0
Body Mechanics	3 3 0
First Aid	1 1 0
Practice of Physical Education	3 3 0
History of Education	3 3 0
Practical Work, Part I	10 10 0

Second-Year Course

Human Physiology	5	5	0
Human Nutrition	2	2	0
Clinical Observation and Remedial Work	2	2	0
Principles of Physical Education	2	2	0
Physical Psychology	2	2	0
Practical Work, Part II	10	10	0

5. The fee for each section of either part of the Practical Work is £2/2/-.

6. The fee for the course in Practical Teaching is £3/3/-.

7. The fee for the Diploma is £2/2/-.

8. One-half of the fee prescribed for any course is paid by a student who is exempted from attendance at lectures or practical work, and by one who attends classes or takes examination or does both a second time.

XXXI. Diploma in Social Science.

The fees payable are:

For Social History	£3	3	0
For Social Organisation	3	3	0
For Human Nutrition	2	2	0
For the Principles and Practice of Social Work I and II, each part	6	6	0
For 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.

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
3 dozen slides, 3 in. by 1 in. } One box of each amongst several students is sufficient.
½-oz. cover-glasses
3 scalpels (large and small)
2 forceps (broad and fine pointed)
2 scissors (large and small)
1 needle (in handle)
1 blunt-pointed seeker

Microscopes.—Medical students are required to supply their own instruments (see first-year schedule for degrees of M.B. and B.S.); other students may use microscopes provided by the University on payment of a fee of £1 11s. 6d.† a term. Every student taking the courses of Zoology and Physiology is strongly advised, however, to purchase at the beginning of his course a microscope of approved pattern for himself, as it is a great advantage for him to become familiar with his own instrument.

Each student will also provide himself with:—

1 duster
1 soft silk handkerchief
lead-pencils
quarto size loose-leaf folder
quarto size drawing paper

No ink is allowed.

5. Paper and scraps or refuse of any kind must be thrown not into the sinks, but into the receptacles provided for the purpose.

6. The larger and more expensive pieces of apparatus will be supplied for the general use of students by the University on the condition that all breakages are to be made good by the students using or breaking them, on such basis as the Professor may determine.

7. All preparations made from materials supplied by the University shall be its property.

8. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

9. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

* Revised by Council, July, 1948. † Approved by Council, February, 1945.

10. The Professor may exclude any student from the Zoology Laboratory for any cause he shall think sufficient. Every such exclusion, and the grounds for it, must be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

11. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

Made by Council, June, 1911.

RULES OF THE CHEMICAL LABORATORY

Note.—These rules apply also to the Chemical Laboratories at the Waite Agricultural Research Institute.

1. The Chemical Laboratory shall be open during term time each week-day from 9 a.m. till 5 p.m.; Saturdays, 9 a.m. till 12 noon. Persons engaged in advanced work or original research may work at such additional times as the Professor may arrange.

2. No student will be admitted to a course in Practical Chemistry if the Professor is not satisfied that he possesses sufficient theoretical knowledge to enable him to take advantage of the course.

3. Each student will be provided by the University with a working bench with the necessary fittings, a set of reagents and apparatus required for the ordinary courses. At the end of the practical class each day students must put away all apparatus other than that fixed up for an experiment which has not been completed, and must leave their benches clean. Reagent bottles which require filling must be placed on the top of the bench reagent shelf.

4. Students in Chemistry must, at the beginning of the session, pay a deposit of £2.* Against this deposit will be charged the cost of apparatus broken, and incidental expenses such as glass, filter paper, platinum wire, and sundries. If at any time the amount of deposit has been exceeded, an additional deposit fee will be called for, and must be paid forthwith. Any credit balance will be refunded at the end of the course.

5. The larger and more expensive pieces of apparatus will be supplied on loan by the storekeeper, and must be signed for by the student. Such apparatus must be returned in a clean condition, or otherwise it will be charged for.

6. All preparations made from materials supplied by the University shall be its property.

7. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

8. The Laboratory will be open gratis to students or graduates engaged in research work under the direction of the Professor, except as regards such payment for material and special attendances as the Professor may determine.

* Approved by the Council, 1930.

9. The Professor may exclude any student from the Laboratory for any cause he shall think sufficient. Such exclusion shall be reported to the Council, which may affirm or cancel the exclusion, and determine whether the fees paid by the student shall be refunded.

10. Strict economy must be observed in the use of gas, water, and other materials in the Laboratory. Fines, not exceeding 2s. 6d. in each case, may be imposed for waste or misuse, or for any breach of the Laboratory Rules.

11. The fees for students not attending a regular University course are as follows:—

For 5 days in the week, £4 5s. a month, or £10 a term.
For 4 days in the week, £3 6s. 8d. a month, or £8 a term.
For 3 days in the week, £2 10s. a month, or £6 a term.
For 2 days in the week, £2 a month, or £4 a term.
For 1 day in the week, £1 a month, or £2 a term.

Made by Council, 1928.

RULES OF THE PHYSICS LABORATORY

1. The Physics Laboratory shall be open daily during term time (Saturdays excepted) at such hours as shall be considered necessary by the Professor of Physics, subject to approval by the Council.

2. Instruction will be given in Practical Physics; but no student will be admitted to laboratory work unless he shall have shown to the satisfaction of the Professor of Physics that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.

3. Apparatus will be supplied by the University for the general use of students on the condition that breakages and damages be made good.

4. For original research, carried on by students or graduates with the consent and under the direction of the Professor of Physics, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

5. The Professor of Physics may exclude from the Physics Laboratory any student for any cause satisfactory to the Professor; every such exclusion, and the grounds for it, to be reported by the Professor to the Council at its next meeting, and in case of any student being so excluded the fees paid by him will not be refunded.

Made by Council, June 30, 1899.

LABORATORY TESTING

The Physics Department is well equipped for the work of standardizing measures, gauges, etc.; of calibrating electrical instruments, pyrometers, or other measuring instruments; and of testing the mechanical, electrical, or magnetic properties of samples of material.

The Engineering Testing Laboratory is prepared to undertake all the usual physical tests on engineering materials, such as tests for the tensile, torsional, compressive, and shearing strengths of metals; determination of elastic constants, hardness, and elastic limit; the measurement of the transverse and compressive strengths of timbers, and the determination of the moisture content; tests for cement, and the examination of the suitability of different aggregates for concrete, and tests on the strength and porosity of concrete and other materials.

RULES OF THE 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 to 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 1951

PART V

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SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA COURSES FOR 1951

Students are expected to procure the latest edition of all text-books prescribed.

CLASSICS

The editions of Greek and Latin texts mentioned below are not prescribed, but are indicated as suitable for the use of students.

GREEK

There are three courses in Greek for the ordinary degree of Bachelor of Arts: they are designated Greek I, Greek II, and Greek III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Greek I until he has passed in Greek at the Leaving Examination, or the course in Greek II until he has passed the final examination in Greek I, or the course in Greek III until he has passed the final examination in Greek II.

Every student taking a course in Greek should have available a good Greek-English lexicon and a good Greek grammar.

The subjects of examination are as follows:

1. Greek I.

(a) Translation from English into Greek.

(b) Translation from Greek into English.

(c) Books specially set for 1951:

Demosthenes, *Philippic I and Olynthiacs I-III* (ed. J. E. Sandys, Macmillan).
Homer, *Odyssey, Books XXI-XXII* (ed. W. B. Stanford, Macmillan).
Aeschylus, *Persae* (ed. A. Sidgwick, O.U.P.).

(d) Questions on grammar and the subject-matter of the books set, with special reference to the lectures given.

2. Greek II.

Same course as Greek I, but in addition are prescribed for 1951:

Aristophanes, *Frogs* (ed. W. C. Green, C.U.P.).
Aristotle, *Poetics* (ed. I. Bywater, Oxford Classical Texts).

3. Greek III.

(a) Translation from English into Greek.

(b) Translation from Greek into English.

(c) Books specially set for 1951:

The Homeric Hymns.
Pindar, *Pythian Odes.*
Herodotus, *Book VI.*
Lysias, *Selected Speeches.*
Aristotle, *Poetics.*

(d) Greek history to the death of Demosthenes.

Candidates will be required also to write historical comments on passages selected from the books included in (c).

LATIN

There are three courses in Latin for the ordinary degree of Bachelor of Arts; they are designated Latin I, Latin II, and Latin III. Except with special permission to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Latin I until he has passed in Latin at the Leaving Examination, or the course in Latin II until he has passed the final examination in Latin I, or the course in Latin III until he has passed the final examination in Latin II.

Every student taking a course in Latin should have available a good Latin-English lexicon and a good Latin grammar.

The subjects of examination are as follows:

5. Latin I.

(a) Translation from English into Latin.

(b) Translation from Latin into English.

(c) Books specially set for 1951:

Cicero, *Pro Milone* (ed. J. S. Reid, C.U.P.).
Vergil, *Aeneid, Book XII* (in Vergil, *Aeneid, Books VII-XII*, ed. Page, T. E., Macmillan. Students will require a text of *Aeneid VII-XII*).
Horace, *Odes, Book II* (ed. J. Gow, C.U.P.).

(d) Questions on grammar and the subject-matter of the books set, with special reference to the lectures given.

6. Latin II.

(a) Translation from English into Latin.
(Hardie, W. R., *Latin Prose Composition* (Arnold) will be used.)

(b) Translation from Latin into English.

(c) Books specially set for 1951:

Lucretius, *Book V* (ed. J. D. Duff, C.U.P.).
Cicero, *de Oratore, Book II* (ed. A. S. Wilkins, Oxford Classical Texts).
Horace, *Epistles, Books I-II*, and *Art of Poetry* (ed. A. S. Wilkins, Macmillan).
Tacitus, *Agricola* and *Germania* (ed. J. H. Sleeman, C.U.P.).

(d) Questions will be asked on the history of Roman literature.

7. Latin III.

(a) Translation from English into Latin.

(b) Translation from Latin into English.

(c) Books specially set for 1951:

As for Latin II, together with Vergil, *Aeneid, Books I-III*.

(d) Roman history to the death of Trajan. In addition to a general account of the subject (e.g., Pelham, H. F., *Outlines of Roman History*, Rivingtons, or Cary, M., *A History of Rome down to the Reign of Constantine*, Macmillan). Candidates will be required also to write historical comments on passages selected from the books included in (c).

9. Comparative Philology.

No student should attempt this course before completing either Greek I or Latin I or French I or German I.

The course consists of about 60 lectures, including 18 lectures on elementary Greek and 9 lectures on general phonetics. This course deals mainly with the Indo-European language group; but it is designed also to serve as a general introduction to linguistic study suitable, e.g., for those who may subsequently have an opportunity of investigating some of the undescribed native languages of Australasia or Oceania.

Text-books:

For Elementary Greek:

Thompson, J., *Elementary Greek Grammar* (Accidence and Syntax) (John Murray).
Worth, J. G., *Pallas Athene* (C.U.P.).

For Comparative Philology:

Firth, J. R., *Speech* (Benn's Sixpenny Library).
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 1951:
(i) Greek History, to 494 B.C.
(ii) Roman History, 264-146 B.C.
(iii) The Stoics and the Sceptics.

For 1952:
(i) Greek History, 494-431 B.C.
(ii) Roman History, 146-78 B.C.
(iii) The Pre-Socratics.

Books specially set for 1951:
Homer, *Iliad, Books XIII-XXIV.*
Pindar, *Pythian Odes.*
Aeschylus, *Eumenides.*
Sophocles, *Antigone.*
Aristophanes, *Frogs.*
Herodotus, *Book I.*
Thucydides, *Book I.*
Plato, *Phaedo, Timaeus.*
Isocrates, *Panegyric.*
Aristotle, *Politics.*
Terence, *Phormio.*
Vergil, *Aeneid, Books VII-XII.*
Horace, *Odes, Book IV; Art of Poetry.*
Juvenal, *Satires, I, III, X-XVI.*
Martial, *Epigrams, Books VII-XII* (as in the selection by Bridge and Lake, O.U.P.).
Cicero, *de Finibus, Books III-IV; Brutus.*
Livy, *Books XXI-XXII.*
Suetonius, *Augustus.*
St. Augustine, *de Ciuitate Dei, Books VI-VII.*
Tacitus, *Annals, Books XIV-XVI.*

* 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 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.*

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).

Schwyzer, 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*: The course in 1951 will consist of ten lectures on Australian poetry and prose. It will be desirable for students to possess copies of *The Oxford book of Australasian verse* (ed. W. Murdoch), new edition, and of any convenient collection of Henry Lawson's prose.

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. Students in French I are required to attend group-tutorials for exercises in oral French, including conversation, reading and dictation, and to present themselves for an oral examination. Students of French II and French III are required to attend regularly once a week the French Language 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 1951:

26. French I.

(a) Free composition in French and translation from English into French.

Prescribed book:

Whitmarsh and Jukes, *Advanced French Course* (Longmans).

For reference:

Grammaire Larousse du XX^e siècle, or Grevisse, *Le bon usage* (Paris, Geuthner).
Harrap's Standard French and English Dictionary (2 vols.).
Hatzfeld, Darmesteter, et Thomas, *Dictionnaire général de la langue française* (2 vols.) (Delagrave).
Nouveau petit Larousse illustré.
Le Larousse du XX^e siècle (6 vols.)

(b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Whitmarsh and Jukes, *Advanced French Course*; poems nos. 1, 4, 7, 8, 9, 12, 14, 15, 17, 18, 19, 21, 23, 26, 27, 29, 30, 32, 33, 36, 38, 39, 40 42, 43, 46, 47, 49, 50, 51, 53, 61.
Racine, *Athalie* (ed. Roach, Harrap).
Molière, *L'Avare* (ed. Dullin; Paris, Editions du Seuil).
Maupassant, *Quinze contes* (ed. Green; Cambridge).
Deval, Jacques, *Tovaritch* (Harrap).
Maurois, André, *Conseils à un jeune Français partant pour l'Angleterre* (Macmillan).

(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 book:

Kastner, L. E., and Marks, J., *A New Course of French Composition, Book III* (Dent).

For reference: As for French I.

(b) Translation of unseen and prescribed French texts into English.

Prescribed books:

La Fontaine, *Selected Fables* (ed. Hugon; Oxford).
Molière, *Les Femmes savantes* (ed. Ledésert; Harrap).
Racine, *Bérénice* (ed. Maguinness; Manchester).
Saint-Simon, *Selections* (ed. Tilley; Cambridge).
Voltaire, *Lettres Philosophiques* (ed. Taylor; Blackwell).
Beaumarchais, *Le barbier de Séville* (ed. Spiers, Harrap).
Abbé Prévost, *Manon Lescaut* (ed. Green; Cambridge).

(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 book: 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).
Musset, *Il ne faut jurer de rien* (ed. Douking; Paris, Editions du seuil).
Balzac, *César Birotteau* (ed. Allem; Paris, Garnier).
Sainte-Beuve, *Selections* (ed. Tilley; Cambridge).
Heredia, *Les Trophées* (ed. Stokoe; Cambridge).
Gide, *La Symphonie pastorale* (Gallimand).
Anouilh, Jean, *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^e siècle* (Hatier).
Du Bellay, *Défense et Illustration de la langue française.*
Robert Garnier, *Les Juifves.*
Corneille, *L'Illusion comique, Le Cid, Horace, Cinna, Polyeucte, Le Menteur.*
Molière, *Les Précieuses ridicules, L'Ecole des Femmes, la Critique de l'Ecole 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; Epitres 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.*

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 due Vatican* OR *Les faux-monnayeurs.*
Proust, *Du côté de chez Swann.*
Barbusse, *Le feu;* OR Dorgelès, *Les croix de bois;* OR Duhamel, *Civilisation.*
Duhamel, *Confession de minuit;* OR *Le Notaire du Havre;* OR Mauriac, *Génitrix*; OR Bernanos, *Journal d'un curé de campagne.*
Jules Romains, *Les hommes de bonne volonté*, I (*Le 6 octobre*).
Joseph Kessel, *L'armée des ombres.*
Seignobos, *Histoire sincère de la nation française.*

Students who have obtained the permission of the Faculty to combine French with another subject for the Honours degree may be excused some or all of the additional work in the second and third years, and some of the work of the fourth year.

The final examination will comprise the following papers:

(a) Translation into French.
(b) Translation of seen and unseen passages from French into English.
(c) French philology.
(d) Translation of seen and unseen passages of Old and Middle French into English.
(e) Literature I.
(f) Literature II.
(g) Literature III.

Papers (c), (e), (f), (g) will be answered in French.
There will be an oral examination comprising tests in reading, conversation, dictation, phonetics, and *explication de textes.*

Students combining French with another subject may be excused any two of the papers (e), (f) and (g).

31. Old and Middle French I.

(a) Outline of the history of the French language.
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:
Chevaillier 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* 3rd ed. (Paris, Masson).

(b) Old and Middle French literature, with special reference to epic and romance.

(c) Translation of prescribed texts, with advanced linguistic commentary.
Prescribed books:
La Chanson de Roland (ed. Whitehead; Blackwell).
Jehan Renart, *Le Lai de l'ombre* (ed. Orr; Edinburgh Univ. pr.).
La Queste del Saint Graal (ed. Pauphilet; Paris, Champion).

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 two courses in German for the ordinary degree of Bachelor of Arts: they are designated German I and German II. 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. Candidates are required to attend tutorial classes.

Subjects for examination in 1951:

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 Germany people: Class lectures are given.

(f) Outline of the history of the German language. Class lectures are given. No special text-book is prescribed.

(g) Books set for reading:
Fiedler, *Book of German verse from Luther to Liliencron* (O.U.P.).
Schiller, *Maria Stuart* (Harrap or other edition).
Gerstücker, *Germelshausen* (Harrap's bilingual series).
Lessing, *Minna von Barnhelm* (Macmillan).
Eichendorff, *Aus dem lieben eines Taugenichts* (Heath-Harrap).

(h) Selections to be committed to memory:
Scheffel, *Alt Heidelberg.*
Uhland, (a) *Die Kapelle;* (b) *Der gute Kamerad.*
Goethe, *Erlkönig.*
Eichendorff, *In einem kühlen Grunde.*
NOTE.—These poems may be found in Fiedler, *Book of German verse* (O.U.P.).

(i) 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. Class lectures are given in German.
Recommended for reading: Claus, Walter, *Deutsche Literatur* (Schulthess and Co., Zurich), or other approved book.

(f) Books set:
As for Course I.

(g) Selections to be committed to memory:
Eichendorff, *Wem Gott will rechte Gunst erweisen.*
Schiller, *Hoffnung.*
Geibel, *Hoffnung.*
Goethe, (a) *Beherzigung.*
(b) *Heidenröslein.*
NOTE.—These poems may be found in Fiedler, *Book of German verse* (O.U.P.).

(h) 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.

HISTORY AND POLITICAL SCIENCE

There are five courses in this School: History I, History II, History III, Economic History and Political Science. Students proceeding to the Ordinary degree of B.A. may take all five. Except by special permission of the Faculty of Arts, the course in History I must be completed before other courses are taken. History I or Economics I must be completed before either Economic History or Political Science is taken.

History III will not be given in 1951.

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 essays and exercises, is set during the year, and this, as well as the results of the annual examinations, is taken into account in determining the student's place in the pass list.

41. History I.
World History.

This is a broad survey of human history designed both for those who propose to take History as a major subject and for those 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).

Other useful books are:

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.: *Mediaeval and modern times* (Ginn).
Rayner, R. M.: *European history*, 1648-1789 (Longmans).
Robinson and Beard: *Development of modern Europe* (Ginn).
Cambridge modern history, Vols. V and VI (C.U.P.)
Ashton, T. S.: *The industrial revolution* (H.U.L.).
Cole, G. D. H. and Postgate, R.: *The common people*, 1746-1938 (Methuen).
Birnie, A.: *An Economic History of Europe*, 1760-1930 (Methuen).
Carr, E. H.: *Nationalism and after* (Macmillan).
Hobson, J. A.: *Imperialism* (Allen and Unwin).
Hudson, G. F.: *The Far East in world politics* (Oxford).
Carr, E. H.: *Soviet impact on the western world* (Macmillan).

42. History II.
English History 1485-1689.

This course will examine the constitutional developments of the Tudor and Stuart periods, with special attention to the political conflicts of the 17th century.

Students who have not taken Leaving Modern History should read the Tudor and Stuart sections of the text-book set for that examination before beginning this course.

Students should procure:

Innes, A. D., *England under the Tudors* (Methuen); or Bindoff, *Tudor times* (Pelican).
Trevelyan, G. M., *England under the Stuarts* (Methuen).

Other useful books are:

Fisher, H. A. L., *Political history of England*, Vol. V.
Pollard, A. F., *Political history of England*, Vol. VI.
Power, Eileen, *Mediaeval people* (Methuen or Pelican).
Pollard, A. F., *Factors in modern history* (Constable).
Pollard, A. F., *Henry VIII* (Longmans).
Seebohm, F., *Oxford reformers* (Dent).
Neale, J. E., *Queen Elizabeth* (Cape).
Salzman, L. F., *England in Tudor times* (Batsford).

Davies, G., *The early Stuarts* (O.U.P.).
Firth, C., *Cromwell* (Putnam).
Gooch and Laski, *English democratic ideas in the seventeenth century* (C.U.P.).
Clark, G. N., *Later Stuarts* (O.U.P.).

Some useful documents:

Tanner, J. R. (Ed.), *Tudor constitutional documents* (C.U.P.).
Tanner, J. R. (Ed.): *Constitutional documents of the reign of James I* (C.U.P.).
Thornley, I. D. (Ed.), *England under the Yorkists* (Longmans).
Pollard, A. F. (Ed.), *Reign of Henry VII.*
Gairdner (Ed.), *Paston letters.*
Firth (Ed.), *Clarke papers.*
More, Sir Thomas, *Utopia.*
Milton, *Areopagitica.*

43. History III.
Pacific Affairs.

It is expected that this course will be given for the first time in 1952. It 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.
(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.).

Students should procure:

Shepherd, J., *Australia's interests and policies in the Far East* (I.P.R.).
Eckel, P., *The Far East since 1500* (Harrap).

Other useful books are:

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).

44. Economic History.

After a brief examination of the characteristic features of mediaeval 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:

Heaton, H., *Economic history of Europe* (Harper).
Shaw, A. G. L., *Economic development of Australia* (Longmans).
Faulkner, H. U., *Economic history of the United States* (Macmillan).

Other useful books:

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).
Birnie, A., *Economic history of the British Isles* (Methuen).
Slater, G., *The growth of modern England* (Constable).
Shann, E., *The economic history of Australia* (C.U.P.).
Fitzpatrick, B., *The British Empire in Australia* (M.U.P.).
Nevins, A., *A brief history of the United States* (Oxford).
Wright, C. W., *Economic history of the United States* (McGraw Hill).

45. Political Science.

Political Theory and Political Institutions.

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 the Australian constitutions, but it also includes some reference to the U.S.A. and other countries.

Students should procure:

Wheare, K. C., *Parliaments and politics* (Bureau of Current Affairs).
Sawer, G., *Australian government to-day* (Melbourne Univ. Press).
Stewart, M., *The British approach to politics* (Allen and Unwin).
Lindsay, A. D., *The essentials of democracy* (Oxford).
Crossman, R. H. S., *Government and the governed* (Christophers).

Other useful books are:

Jennings, W. I., *The British Constitution* (Cambridge).
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).
Steed, W., *The press* (Penguin).
Laski, H. J., *Liberty in the modern state* (Pelican).
Laski, H. J., *A grammar of politics* (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. 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 I, II and III, Economic History and Political Science as prescribed for the Ordinary degree;

(b) To attend discussion groups, to be organised in connection with all courses except History I, at times to be arranged;

(c) To pass in Social Economics 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, which will be arranged for them after consultation with the Professor. No formal course of lectures will be given in the fourth year, but tutorial discussions and written work will be arranged. Honours work will be in the fields both of 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.

50. History and Political Science for the Degree of M.A.

Candidates for the degree of M.A. in the School of History and Political Science are required to consult the Professor in regard to the subjects and courses of reading for their theses.

ECONOMICS

In addition to a one-year course in Social Economics for Arts students, 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 night 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 either as day or as evening lectures, as follows:

	1951	1952	1953
Economics I	Day	Evening	Day
Economics II	Evening	Day	Evening
Economics III	Day	Evening	Day
Social Economics	Evening	Day	Evening

This arrangement will permit a student to take the courses in Economics I, II and III in successive years as a sequence either of day lectures or of evening lectures, according to the year in which he takes Economics I.

51. Economics I.

This course will be given in 1951 as day 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 of the theory of value—the firm and the industry.
3. Money, banking and finance.

Text-books:

Hicks, J. R., *The social framework* (O.U.P.).
Robertson, D. H., *The control of industry* (C.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).

In addition to the lectures, the course includes two terminal essays. Permission to sit for the final examination may not be granted unless a certain standard of proficiency in them has been attained.

51. Economics (for Forestry Students).

This course is given annually for students proceeding to the degree of Bachelor of Science in Forestry, and comprises approximately half of the course of lectures in Economics I, together with a further lecture and tutorial a week specifically on agricultural economics.

The scope of the course is as follows:

1. Scope of economics. National income—its production, distribution and exchange. The structure of the modern economy.
2. Introduction to the theory of value—the firm and the industry.
3. Analysis of factors determining land utilization, land values and rents.
4. Development of the Australian Forestry Industry.
5. General problems of Australian agriculture.

Text-books:

Hicks, J. R., *The social framework* (O.U.P.).
Robertson, D. H., *The control of industry* (C.U.P.).
Tarshis, L., *Elements of economics* (Houghton Mifflin).
Cohen, R., *Economics of agriculture* (C.U.P.).

Reference books:

Thomas, E., *Introduction to agricultural economics* (Nelson).
Rural Reconstruction Commission, *Reports* 1-10.
Wadham, S. M., and Wood, G. L., *Land Utilization in Australia* (M.U.P.).
Annual Reports of State Woods and Forests Departments (State Government Printers).
British Empire Forestry Conference, 1947 (Commonwealth Government Printer).

52. Economics II.

This course will be given in 1951 as evening lectures. Its scope is as follows:

1. Theory of outlay and employment—determination of the level of economic activity.
2. Theory of value.
3. International trade.
4. Aspects of industrial organization.

Text-books:

Tarshis, L., *Elements of economics* (Houghton Mifflin).
Tew, B., *Wealth and income* (M.U.P.).
Keynes, J. M., *General theory of employment, interest and money* (Macmillan).
Stigler, G. J., *The theory of price* (Macmillan).
Harrod, R. F., *International economics* (C.U.P.).
Robinson, E. A. G., *Monopoly* (C.U.P.).

Reference books:

Steindl, J., *Small and big business* (Blackwell).
Berle, A. A., and Means, G. C., *Modern corporation and private property* (Macmillan).
Robinson, E. A. G., *Structure of competitive industry* (Nisbet).
Clark, J. M., *Incidence of overhead costs* (Accountants' Pub. Co., Melbourne).
Condliffe, J. B., and Stevenson, A., *Common interest in international organization* (I.L.O.).
Plumptre, A. F. W., *Central banking in the British Dominions* (Univ. of Toronto press).
Burns, A. R., *Decline of competition* (McGraw-Hill).
Balogh, T., *Studies in financial organization* (C.U.P.).

53. Economics III.

This course will be given in 1951 as day lectures. Its scope is as follows:

Economic policy—allocation of resources, taxation, fiscal policy, international aspects, trade cycle.

Exemption from lectures in Economics III is not usually granted.

Text-books:

Meade, J. E., *An introduction to economic analysis and policy* (O.U.P.).
Hicks, U. K., *Public finance* (C.U.P.).
Hansen, A. H., *Economic policy and full employment* (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* (Dec., 1949).
Harrod, R. F., *International economics* (C.U.P.).
League of Nations, *International currency experience.*
Estey, J. A., *Business cycles* (Prentice-Hall).

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.).
Robinson, Joan, *Essays in the theory of employment* (Macmillan).
Dobb, M. H., *Studies in the development of capitalism* (Routledge).
Lynch, D., *Concentration of economic power* (Columbia Univ. press).

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 1951 as evening lectures. Its scope is as follows:

The economic basis of social welfare, with special reference to population, housing, industries and occupations, unemployment, full employment, labour and wages, socialisation of industry, distribution of income and wealth, social security and welfare services.

Text-books:

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).

55. Economics for the Honours Degrees of Bachelor of Arts and Bachelor of Economics.

Seminar classes are conducted throughout the academic year, and reading is prescribed in those classes. Intending students should communicate with the Professor well before the beginning of the academic year.

57. Statistics II and Actuarial Mathematics.

Candidates must have passed in Pure Mathematics IA at the higher standard and 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:

The application of statistical techniques to economic problems with special reference to sample surveys, time series, demography, index numbers and national income.

Text-books:

Croxton, F. E., and Cowden, D. J., *Applied general statistics* (Prentice-Hall).
Yates, F., *Sampling methods for censuses and surveys* (Charles Griffin).
Kuczynski, R. R., *The measurement of population growth* (Sidgwick and Jackson).
United Nations; *Measurement of national income and construction of social accounts.*
Commonwealth of Australia; *National income and expenditure* (latest issue) (Government Printer, Canberra).
Commonwealth of Australia; *Australian life tables 1946-1948* (Government Printer, Canberra).
Commonwealth of Australia;*Demography bulletin* (latest issue) (Government Printer, Canberra).

Other texts and publications will be prescribed by the lecturer.

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 proceedings 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.

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 the climate 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-books:

Trewartha, G. T., *Introduction to weather and climate* (McGraw-Hill).
Hills, E. S., *Physiography of Victoria; an introduction to geomorphology* (Whitcombe and Tombs).

Reference books:

Wells, H. G., *Outlines of history* (Cassels).
Forde, C. D., *Habitat, economy and society* (Methuen).
Davis, D. H., *Earth and man* (Macmillan).
Bowman, I., *Pioneer fringe* (American Geographical Society).
Worcester, P. G., *Textbook of geomorphology* (Chapman and Hall).
Pomfret, J. E., *Geographic pattern of mankind* (Appleton-Century).
Fenner, C. A. E., *South Australia: a geographical study* (Whitcombe and Tombs).

59. Geography II.

The geography of Australia and United States of America from the following points of view:

AUSTRALIA:

Discovery and exploration; establishment of State and Federal governments.

Structure, relief and natural drainage; their influence upon settlement, transport and land utilization.

Climate, vegetation and soils; air masses affecting Australian weather and climate; climatic factors affecting agricultural and pastoral production; methods of delimiting climatic and agro-climatic regions; distribution, character and habitat of major plant communities; forests and forestry; native and introduced pasture plants; main soil types and soil fertility.

Economic development; the place of primary, secondary and tertiary industries in the economic life of Australia; spread of settlement; progress of rural and urban development.

Pastoralism and agriculture; the influence of historical, geographic, economic and technological factors upon the development of wool, wheat, cattle, fruit and sugar-cane production.

Mining and manufacturing industries; discovery and utilization of gold, coal, copper and iron deposits; the influence of mineral exploitation upon population movements, rural economy, transport and trade.

Land utilization and regionalism: an outline of the environmental conditions, problems and prospects of the principal land-use regions; regional subdivisions of South Australia, Victoria and New South Wales.

UNITED STATES OF AMERICA:

Exploration, settlement, land utilization and industrial development, as influenced by historical, geographical and economic factors, comparing or contrasting Australian conditions wherever possible.

PRACTICAL WORK:

A written geographical description with maps, sections and other illustrations of an area to be approved by the lecturer.

Reference books:

Taylor, T. Griffith, *Australia: a study in warm environments and their effect on British settlement* (Methuen).
Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (Melbourne University pr.).
Wood, G. L., *Australia, its resources and development* (Macmillan).
Portus, G. V., *Australia since* 1606 (O.U.P., Melb.).
Hancock, W. K., *Australia* (Benn).
Price, A. G., *Australia comes of age* (Georgian Press).
Shaw, A. G. L., *Economic development of Australia* (Longmans).
Fenner, C. A. E., *South Australia: a geographical study* (Whitcombe and Tombs).
Hills, E. S., *Physiography of Victoria* (Whitcombe and Tombs).
Payne, W. L., and Fletcher, J. W., *Report on the Northern Territory* (Govt. Printer, Canberra).
Official Year Books of the Commonwealth of Australia.
Smith, J. R., and Phillips, M. O., *North America* (Harcourt Brace).
Atwood, W. W., *Physiographic provinces of North America.*
Parkins, E. A., and Whitaker, J. R., *Our natural resources and their conservation* (Wiley).
Miller, G. J., and Parkins, A. E., *Geography of North America* (Chapman and Hall).

McCarty, H. H., *Geographic bases of American economic life*, 1940 (Harper).
Colby, C. C., and Foster, A., *Economic geography* (Ginn).
Year Books of the U.S. Department of Agriculture.
Wooldridge, S. W., and Morgan, R. S., *Physical basis of geography* (Longmans).

60. Geography III.

The course deals with the geography of the Pacific, is completed in one year, and is offered every year.

PHYSICAL GEOGRAPHY: An outline of the main physical features and climates of the Pacific region.

HUMAN GEOGRAPHY: Classification and distribution of the Pacific peoples; migrations; races and racial mixtures; human adequacy (adjustment to environment); disease and diet; colonisation and trusteeship; the management of native peoples; problems of demography (the growth and decline of populations); immigration policies.

THE GEOGRAPHY OF EXPLORATION: A study of the Spanish, Dutch and British explorations of the South Pacific, with particular attention to Torres, Tasman, and Cook. (First voyage.)

REGIONAL AND ECONOMIC GEOGRAPHY: A general study of the principal Pacific regions together with the geographical factors affecting their political and economic status, and their commerce and communications. A more detailed examination of:

(a) White settlement in the Australian tropics;
(b) The Australian Territories;
(c) Eastern and South-Eastern Asia, particularly China, Japan and Indonesia.

PRACTICAL WORK: Research on original authorities, maps, and diagrams, relating to Pacific problems.

Books for reference:

Weigert Stefansson and Hamson, *New compass of the world* (Harrap).
Borne, W. O., *Population trends and policies* (Australian Publishing Coy.).
Forsyth, W. D., *Myth of open spaces* (Melbourne University pr.).
Huntington, Ellsworth, *Mainsprings of civilization* (Wiley).
Price, A. Grenfell, *White settlers in the tropics* (American Geographical Society).
Price, A. Grenfell, *White settlers and native peoples* (Georgian House and C.U.P.).
Wood, G. A., *Discovery of Australia* (Macmillan).
Eldridge, E. B., *Background of Eastern Seapower* (Georgian Press).
Cressey, G. B., *China's geographical foundations* (McGraw-Hill).
Cressey, G. B., *Asia's lands and peoples* (McGraw-Hill).
Keesing, K. M., *South seas in the modern world* (John Day).
Trewartha, G. T., *Japan* (McGraw-Hill).
Vlekke, B. H. M., *Nusantara, a history of the East Indian Archipelago* (Harvard University Press).
Smith, J. Russell, and Phillips, H. O., *North America* (Harcourt, Brace).
James, P. E., *Latin America* (Odyssey Press).
Lett, L., *Papuan achievement* (Melbourne University pr.).
McDonald, P. H., *Trusteeship in the Pacific* (Angus and Robertson).

MENTAL AND MORAL SCIENCE

Psychology should be the first course taken in the School of Philosophy and except by permission of the Faculty of Arts must be completed before either Philosophy A or Philosophy B is taken. Ethics and Logic, however, may be taken concurrently with Psychology.

61. Psychology.

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:

McDougall, W., *Outline of psychology* (Methuen).
Mitchell, Sir William, *Structure and growth of the mind* (Macmillan).
Ryle, G., *The concept of mind* (Hutchinsons).

Lickley, J. D., *Nervous system* (Longmans).
Boring, Langfeld, and Weld, *Introduction to psychology* (John Wiley).
Köhler, *Gestalt psychology* (Bell).

62. Logic.

The course of lectures is given every year, and is completed in one year.

Recommended books:
Stebbing, L. S., *A modern elementary logic* (Methuen).
Stebbing, L. S., *A modern introduction to logic* (Methuen).
Cohen and Nagel, *Introduction to logic and scientific method* (Harcourt Brace).

65. Ethics.

The course of lectures is given every year, and is completed in one year.

Texts to be studied:
Plato, *Republic* (translated by F. M. Cornford, O.U.P.).
Aristotle, *Ethics* (translated and edited by H. Rackham, Blackwell).
Mill, *Utilitarianism* (Everyman).

Recommended for reading:
Nettleship, R. L., *Lectures on the Republic of Plato* (Macmillan).
Popper, K. R., *The open society and its enemies*, Vol. I (Routledge).

Students will be expected to have read through the *Republic* before the course of lectures begins.

PHILOSOPHY

There are two courses of lectures, A and B. Course A is a systematic course, and Course B is occupied with the history of Philosophy. Students may begin with either. Course A will be given as day lectures, and Course B as evening lectures.

66. Philosophy A.

Reading will be prescribed as the lectures proceed.

67. Philosophy B.

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).
Livingstone, R. W. (Ed.), *Portrait of Socrates* (O.U.P.).
Plato, *Phaedo.*
Plato, *Theaetetus* (translated by M. J. Levett, Jackson and Co.).

69. Philosophy for the Honours Degree of B.A.

In addition to the work required for the Ordinary Degree courses 61, 62, 65, 66, 67, candidates are expected to show knowledge of the following works:
Descartes, *Discourse on method, meditations* (Everyman).
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* (Everyman or O.U.P.).
Kant, *Critique of pure reason* (translated by N. Kemp Smith, Macmillan).
Kant, *Groundwork of the metaphysic of ethics* (translated by H. J. Paton under the title *The Moral Law*, Hutchinson's).

And of the topics dealt with in the following works:
Moore, G. E., *Principia ethics* (C.U.P.).
Moore, G. E., *Ethics* (Oxford, Home University Library).
Ross, Sir W. D., *Foundations of ethics* (O.U.P.).
Stevenson, C. L., *Ethics and language* (Yale).
Toulmin, S. E., *The place of reason in ethics* (C.U.P.).
Schilpp, P. A. (Ed.), *The philosophy of G. E. Moore* (North-western University).
Mitchell, Sir William, *The place of minds in the world* (Macmillan).
Whitehead and Russell, *Principia mathematica* (2nd Edition). (Introduction only.) (C.U.P.)
Tarski, A., *Introduction to logic* (O.U.P.).
Wittgenstein, L., *Tractatus logico-philosophicus* (Kegan Paul).

71. 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.

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).

Theory of Education.

Books set:

Schulz, A. J., *Character and its development* (Hassell).
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).

77. Hygiene.

The course of lectures is given every year, and is completed in one year.

Subjects of examination:

The substance of the lectures.

Text-books:

Davies, M. B., *Hygiene and health education for training colleges* (Longmans).
Williams, J. F., *Personal hygiene applied* (Saunders).

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).

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 sensa 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).
Mackinder, J. M., *Individual work in infants' schools* (London Educ. pub. co.).
Hume, E. G., *Learning and teaching in the infants' schools* (Longmans).
Drummond, M., *Psychology and teaching of number* (Harrap).
Kenwrick, 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* (Whitecombe and Tombs).

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).
McMillan, M., *Nursery school* (Dent).
Raymont, T., *History of the education of young children* (Longmans); or
Rusk, R. R., *History of infant education* (Univ. of London pr.).
Strang, R. M., *Introduction to child study* (Macmillan).
Gardner, D., *Testing results in the infants' school* (Methuen).
Schonell, F. J., *Diagnosis of individual difficulties in arithmetic* (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).
De Rusette, L. E., *Music under eight* (Routledge).
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).

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).

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.*

Glassey, 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).

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).

Schonnell, F. J., *Diagnosis of individual difficulties in arithmetic* (Oliver and Boyd).

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.

DIPLOMA IN PHYSICAL EDUCATION

For the syllabuses of the special subjects for the diploma in Physical Education, see those beginning No. 520.

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 courses in Pure Mathematics IIA and IIB.

Candidates who have passed with credit or at a sufficiently high standard in both papers in Mathematics at the Leaving Honours Examination will be exempted from the course and will be credited with Pure Mathematics IA as a subject in their courses for a degree when they have passed the final examination in Course 86 or in either part of Pure Mathematics II. Other candidates who have passed in Mathematics at the Leaving Honours Examination may be exempted from lectures in the course in Pure Mathematics 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:

(a) The elements of algebra and trigonometry;

(b) The elements of plane analytical geometry and the mensuration of the simpler solids;

(c) 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-books recommended:

Courant, R., *Differential and integral calculus,* Vol. I (Blackie).
Ferrar, W. L., *Algebra* (O.U.P.).

88. Second-year Courses.

There are two second-year courses 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, Pure Mathematics IIB, 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.).

90. Pure Mathematics IIB.

Pre-requisite subject: A pass in Division I in Pure Mathematics IA.

The course comprises two lectures a week, and is given annually.

Subject of examination:
The elements of co-ordinate geometry, plane and solid.

Text-books recommended:
Grace, J. H., and Rosenberg, F., *Co-ordinate geometry* (London Univ. tutorial pr.).
Bell, R. J. T., *Elementary treatise on co-ordinate geometry of three dimensions* (Macmillan).

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, although elementary, 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: 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 or IIB.

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.).

Text-book recommended:

Birkhoff, C., and MacLane, S., *Survey of modern algebra* (Macmillan).

The following books will be found useful for reference :

Albert, A. A., *Modern higher algebra* (Univ. of Chicago pr.).
Ferrar, W. L., *Algebra* (O.U.P.).

Note: This course will be given in 1951 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 one hour a week in addition. Additional subject: Infinite Series.

   Text-book recommended:
   Knopp, K., *Theory and application of infinite series* (Blackie).
   (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 Ference, M., *Analytical experimental physics* (Univ. of Chicago pr.); or

Spinney, L. B., *Text-book of physics* (Macmillan).

Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw Hill). (This book is recommended for those students who intend to continue beyond Physics I.)

Kerr Grant, *Lectures on physics*, indicates the scope and subject matter of the course.

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 Ference, M., *Analytical experimental physics* (Univ. of Chicago pr.), and Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw Hill), with special stress on such sections as are more advanced than is demanded for the course in Physics I.

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) or IIB (90), 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).

108. Physics for the Honours Degree of B.Sc.

Pre-requisite subjects: Pure Mathematics II (90 or 92) and Course 104 or 106.

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.

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).

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 inorganic 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 inorganic 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 radicle 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* (3rd English edn.) (Elsevier); or
Schmidt, J., *Organic chemistry* (Oliver and Boyd); or
Bernthsen, A., *Textbook of organic chemistry* (Blackie).
Remick, A. E., *Electronic interpretations of organic chemistry* (Wiley); or
Wheland, G. W., *Theory of resonance* (Wiley); or
Stott, R. W., *Electronic theory and chemical reactions* (Longmans, Green).
Other books for consultation as recommended.

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:

Middleton, H., *Systematic qualitative organic analysis* (Arnold).
Cohen, J. B., *Practical organic chemistry* (Macmillan); *or*
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 AND MINERALOGY

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, 12s. 6d. 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., *Explanatory notes to accompany a new geological map of the Commonwealth of Australia* (Arnold).

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; metomorphism, 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.).

Süssmilch, C. A., *Introduction to the geology of New South Wales* (Angus and Robertson).

Bryan, W. H., and Jones, O. A., *Geological history of Queensland. A stratigraphical outline* (University of Queensland).

David, T. W. E., *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.).
Rogers, A. F., and Kerr, P. F., *Optical mineralogy* (McGraw Hill) (2nd ed.).
Larsen, U. 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).
Bragg, W. L., *Atomic structure of minerals* (Cornell Univ. pr.).
Chudoba, K., *The determination of the felspars 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 eight 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-books:

Swinnerton, H. H., *Outlines of palaeontology* (3rd ed.) (Arnold).
Twenhofel, W. H., *Principles of sedimentation* (McGraw Hill).

Books of Reference:

Zittel, *Text Book of Palaeontology* (MacMillan).
Glaessner, M. F., *Principles of Micro-palaeontology* (M.U.P. 1945).
Darrah, W. C., *Textbook of Palaeobotany* (New York, 1939).

To count Palaeontology as a third-year subject for the degree of B.Sc. the candidate must present also Zoology II or Botany II in addition to the normally required number of subjects from Group B.

149. Geology and Mineralogy for the Honours Degree of B.Sc.

Candidates for the Honours Degree are required to pass a more stringent examination in the subjects of the Geology III course, which is enlarged to embrace a wider field of petrological study, and includes an extension of the stratigraphical section beyond the Australasian area, embracing the broader geological features contributing to the structure of all parts of the earth's crust. They are further required to attend lectures and pass the examinations in courses 145 and 146. Proficiency in theory and practice of surveying is required. Evidence is required of having spent at least thirty-five days in field work. 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.

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 pre-suppose a knowledge of Chemistry I and Physics I.

For supplementary reading:
Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw Hill).

B. Anatomy and Morphology of the Spermaphyta.—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. 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.).
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.

B. Anatomy, morphology and phylogeny of the algae, bryophyta and pteridophta.

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-books:
White, M. J. D., *Chromosomes* (Methuen).
Sharp, L. W., *Fundamentals of cytology* (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:

Bower, F. O., *Origin of land flora* (Macmillan).
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.).
Onslow, M. W., *Principles of plant biochemistry* (C.U.P.).
Bower, F. O., *Ferns, filicales*, etc., Vols. I-III (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.).

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; assimiliation (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.).
Mangham, S., and Hockley, A. R., *Biology for pharmaceutical students* and others (Baillière, Tindall and Cox).
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., and Dunn, L. C., *Principles of genetics* (3rd 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 1951 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.).

For reference:

MacBride, E. W., *Textbook of embryology*, Vol. 1, *Invertebrata* (Macmillan).

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*
Peters, J. P., and Van Slyke, D. D., *Quantitative clinical chemistry* (2nd ed.) (Baillière, Tindall and Cox).
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
Johlin, J. M., *Introduction to physical biochemistry* (2nd ed.) (Harper).
Dixon, M., *Multi-enzyme systems* (C.U.P.).
Symposium on the use of isotopes in biology and medicine (Blackwell).
Green, D. E., *Currents in biochemical research* (Interscience).
Other reading will be prescribed during the course.

PHYSIOLOGY

173. Physiology.

Pre-requisite subjects: Physics I (101), Chemistry I (111) and *either* Biology I (158) *or* the courses in Botany and Zoology prescribed for first-year medical students *or* any two of the following three subjects: Botany I, Zoology I, Pure Mathematics 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:

Starling, E. H., *Principles of human physiology* (Churchill).
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).

Burnett, 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:

Hewer, E. E., *Text-book of histology for medical students* (4th ed.) (William Heinemann).

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; historial 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 ψ^2 test; the analysis of complex experiments; the analysis of variance and the z test; correlation and repression; 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 autsomal 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 Paramesium; 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., and Dunn, L. C., *Principles of genetics* (3rd 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.

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 of materials of general agricultural interest. Students are expected to provide their own set of analytical weights.

Books of reference:

Russell, E. J., *Soil conditions and plant growth* (Longmans).
Leeper, G. W., *Introduction to soil science* (Uni. of Melb. pr.).
Comber, N. M., *Introduction to the scientific study of the soil* (Arnold).
Prescott, J., *The soils of Australia in relation to vegetation and climate* (C.S.I.R. Bulletin 52).
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 agrikulturchemischen 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).
Mitchell, M. L., *Handbook of practical biochemistry* (Hassell).

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.

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.).
Onslow, M. W., *Principles of plant biochemistry* (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).
Henry, W. A., and Morrison, F. B., *Feeds and feeding* (20th ed.) (Morrison Publishing Company).

Kelley, R. B., *Principles and methods of animal breeding* (Angas and Robertson).
Nichols, J. E., *Livestock improvement* (Oliver and Boyd).
C.S.I.R., *Bulleton 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 S.A.

Plant propagation: methods employed, reworking, stock scions relationships, nursery practice.

Establishment: site, soils, soil preparation, drainage, layout and planting, pollination.

Management: pruning, tillage, artificial fertilisers, green manuring, use of hormone preparations, frost control, irrigation, control of diseases and pests.

Harvesting and disposal of fruit and vegetable crops, preservation and processing.

The cultural requirements of the vine, principal fruit and vegetable crops of S.A.

Equipment:

Students must provide themselves with a pair of secateurs and a suitable sharpening stone.

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.

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* (2nd ed.) (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 lecture 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 vacational practical work before 15th November of the first year.

Practical work to be undertaken at Roseworthy College during the course of the second and subsequent years should also be registered at the University a fortnight before the commencement of each May or August vacation and before 15th November in the case of summer vacations.

Each student must eventually be able to show that he has taken part in a reasonable variety of operations connected with crop and pasture production, animal husbandry, dairying, horticulture and field experimental work. He must keep a record of practical work and before qualifying for the degree he will be required to show that the work has been completed to the satisfaction of the Principal of Roseworthy Agricultural College.

ENGINEERING

203N. 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 (239).

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 Course 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.

Reference books:

Eberlein, H. D., and McClure, A., *Practical book of period furniture* (Lippincott).
Gottshall, F. H., *How to design period furniture* (Batsford).

PART C: A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

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:

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 submit notebooks 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 submit notebooks 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, 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 vear 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 dam 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 (Old Schedules).

For the syllabus of this subject see the Calendar for 1948.

221N. Civil Engineering I (New Schedules).

Pre-requisite subjects: 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).

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 (Old Schedules).

For the syllabus of this subject see the Calendar for 1948.

223N. Civil Engineering II (New Schedules).

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).
Merriman, T., and Wiggin, T. H. (eds.), *American civil engineers' handbook* (Wiley).
Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

Reference books:

Krynine, D. P., *Soil mechanics* (McGraw Hill).
(It is recommended that Civil Engineering students possess this book.)
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-books:

Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw Hill).
Sutherland, H., and Reese, W. W., *Introduction to reinforced concrete design* (Wiley).

Reference books:

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,

Students are also required to read various papers published in the Transactions of Engineering Societies to which reference is made in lectures.

224. Hydraulics (Old Schedules).

For the syllabus of this subject see the Calendar for 1948.

224N. Hydraulics (New Schedules).

Pre-requisite subjects: Pure Mathematics IIA (89), Applied Mathematics I (91).

The course comprises the laws governing the flow of water through orifices, over weirs, and along pipes and open channels (given in the Civil Engineering Department), and the principles governing the design of water-wheels, turbines, and centrifugal pumps (Hydraulic Machines I, given in the Mechanical Engineering Department).

These subjects are covered by a course of about thirty lectures. One afternoon a week throughout one term is required for practical work in the laboratory.

Text-book:

Addison, H., *Text-book of applied hydraulics* (Chapman and Hall).

Books of reference:

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 elementary principles of perspective, definitions and terms used in perspective; simple positions of the cubes, pyramids, prisms, cones, and cylinders; easy models composed of a combination of the above solids. Perspective composition. The projection of Architectural perspectives from given plans and elevations.

Text-book:

Sierp, A. F. *Perspective projection* (Sands and McDougall).

Reference book:

Holmes, J., *Applied perspective* (Pitman).

SKETCHING.—Freehand sketching of simple models showing plans, elevations, sections and dimensions. Perspective freehand sketching of simple objects. 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.

(*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).
Magoniglé, 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 and Modelling, 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).

241N. Electrical Engineering I (New Schedules).

Pre-requisite subjects: Physics II, B.E. Course (103), 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.

242N. 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-book:
Hill, W. Ryland, *Electronics in engineering* (McGraw Hill).

Tools:
Wire-cutters, long-nosed pliers, electrician's screwdriver.

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-book:
Terman, F. E., *Radio engineers' handbook* (McGraw Hill).

Reference books:
Everitt, W. L., *Communication engineering* (McGraw Hill).
Arguimbau, L. B., *Vacuum tube circuits* (Wiley).
A.R.R.L. handbook.

243N. Electrical Engineering II (New Schedules).

Pre-requisite subjects: Electrical Engineering I, Electronic Engineering I.

First seven weeks: A course of electronic control with special emphasis on servo mechanisms.

Four or five lectures and a minimum of twelve hours' practical and project work a week.

Included in the course will be 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.

Remaining twenty weeks: Pass students will have the option of concentrating on either power (Part A) or communications (Part B).

Students wishing to proceed to the degree with honours are obliged to attend lectures and calculation and design classes in both parts of the subject, and to carry out the full practical work in one section of the subject together with certain selected experiments in the other section of the work; they must pass in section A or B of the examination. They are also recommended to attend special lectures bearing on Electrical Engineering given in the Department of Physics.

Part A. Electrical Power and Measurements.

Two lectures, two hours' computation and design, and a minimum of twelve 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 B. Electronics and Communications.

Two lectures, two hours' calculation and design and a minimum of twelve 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 give 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 practising outside engineers. 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 exercises designed to illustrate the subject matter of the lectures.

Text-books:

Lauer, H., Lesnick, R., and Matson, L. E., *Servomechanism fundamentals* (McGraw Hill).

Part A—M.I.T. Staff, *Electric circuits* (Wiley).
Carter, G. W., *Simple calculation of electrical transients* (C.U.P.).
Langsdorf, A. S., *Principles of direct current machines* (McGraw Hill).
Lawrence, R. R., *Principles of A.C. machinery* (McGraw-Hill).
Knowlton, A. E., *Standard handbook for electrical engineers* (McGraw Hill).

Part B—Terman, F. E., *Radio engineers' handbook* (McGraw Hill).
Smith, F. L., *Radiotron designers' handbook* (Iliffe).
Everitt, W. L., *Communication engineering* (McGraw Hill).

Reference books:

M.I.T. Radiation Laboratory Series, *Theory of servomechanisms* (McGraw Hill).
Brown, G. S., and Campbell, D. P., *Principles of servomechanisms* (Wiley).

PART A—Stubbings, G. W., *Automatic protection of A.C. circuits* (Chapman and Hall).
Karapetoff, V., and Dennison, B. C., *Experimental electrical engineering*, Parts I and II (Wiley).
Miner, D. F., *Insulation of electrical apparatus* (McGraw Hill).
Neumann, R., *Symmetrical component analysis* (Pitman).
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).

PART B—Starr, A. T., *Electric circuits and wave filters* (Pitman).
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 Vedder, E. H., *Industrial electronics* (Wiley).
Bode, H. W., *Network analysis and feedback 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.).

GENERAL—Journals, such as *Institution of electrical engineers', American institute of electrical engineers, etc.*
Rollason, *Metallurgy for engineers* (Arnold).
Heyer, *Engineering physical metallurgy* (van Nostrand).

244N. Engineering Materials (New Schedules).

Pre-requisite subjects: Inorganic Chemistry I (112), Physics I (101).

A short course of about ten lectures and ten one-hour practical demonstrations indicating the scope and introducing the fundamentals of metallurgy. Fuels, refractories, furnaces, pyrometry. Production, constitution and structure of ferrous and non-ferrous metals and alloys. Effect of heat and mechanical treatment of metals. Metallurgy of welding, plating, corrosion. Non-metallic materials such as glass, rubber and plastics.

Text-book:
Rollason, E. C., *Metallurgy for engineers* (Arnold).

Reference book:
Heyer, R. H., *Engineering physical metallurgy* (van Nostrand).

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. or B.Sc. (Eng.) 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.

This course of one lecture a week for two terms is 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 about five lectures as part of the course. There is no examination, but attendance is required for at least 75 per cent. of the lectures.

248N. 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).

249N. 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. It consists of one lecture and three hours drawing office work a week for two terms. A pass is conditional upon satisfactory class and exercise work.

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 and chain drives.

Text-books:

Faires, V. M., *Design of machine elements* (Macmillan); or
Norman, C. A., Ault, E. S., and Zarobsky, I. F., *Fundamentals of machine design* (Macmillan); or
Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw Hill).

Reference books:

Spooner, H. J., *Machine design, construction and drawing* (Longmans).
Marks, L. S., *Mechanical engineers' handbook* (McGraw Hill).
Kent, W., *Mechanical engineers' handbook*, Vols. I and II (Wiley).
Society of Automotive Engineers, *S.A.E. handbook* (S.A.E.).
British Engineering Standard Specifications.
Standards Association of Australia, *Codes and specifications.*
American Society of Mechanical Engineering, *Codes.*

256N. 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 (249N).

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.

HEAT ENGINES 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, 1949 (Mechanical World).
Standard Specifications and Codes.

257N. Mechanical Engineering II.

Pre-requisite subject: Mechanical Engineering I (256).

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—Heat Engines II.
Fluid Mechanics II.
Part B—Theory of Machines II.
Machine Design II.

HEAT ENGINES 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, psychrometry 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).
Jennings, B. H., and 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).
Kearton, 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 II.—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).
Kearton, W. J., *Turbo blowers and compressors* (Pitman).
Spannhake, W., *Centrifugal pumps, turbines and propellors* (M.I.T.).
Ower, E., *Measurement of air flow* (Chapman and Hall).
British Standard Code, *Flow measurement.*

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).
Smith, E. S., *Automatic control engineering* (McGraw Hill).
Rhodes, T. J., *Industrial instruments for measurement and control* (McGraw Hill).
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).

260N. 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:

Badger, W. L., and McCabe, W. L., *Elements of chemical engineering* (McGraw Hill); or

Walker, Lewis, McAdams and Gilliland, *Principles of chemical engineering* (McGraw Hill).

Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw Hill).

Reference book:

Perry, J. H., *Chemical engineers' handbook* (2nd Edition) (McGraw Hill).

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:

Liddell, D. M., *Handbook of non-ferrous metallurgy*, 2 Vols. (2nd Edition) (McGraw Hill).

Bray, J. L., *Ferrous production metallurgy* (Wiley).

261N. Process Engineering II.

Pre-requisite subjects: Physical Chemistry III (117A), Process Engineering I (260N), Engineering Drawing II (249N).

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 (260N), 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 and Reference books: As for Process Engineering I (260N), Part A.

Additional Reference books:

Hougen, O. A., and Watson, K. M., *Industrial chemical calculations* (2nd Edition) (Wiley).

Butts, A, *Metallurgical problems* (2nd Edition) (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-book:

Badger, W. L., and Baker, E. M., *Inorganic chemical technology* (McGraw Hill).

Reference books:

Shreve, R. N., *Chemical process industries* (McGraw Hill).

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).

264N. Physical Metallurgy I.

Pre-requisite subjects: Chemistry I (11 or 112) and Physics I (101).

Lectures: One hour per 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 the common alloys; welding; corrosion and protection; principles of pyrometry.

Practical work: Three hours per 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).

267N. Mining Engineering I.

Pre-requisite subjects: Geology I (141), Surveying I (276), Engineering Drawing II (249N).

The course consists of two lectures a week throughout the year and is a general treatment of the field of mining engineering, viz., mining terms, prospecting, rock breaking, exploration, development and mining methods.

Text-books:

Lewis, R. S., *Elements of mining* (Wiley); or
Young, G. T., *Elements of mining* (McGraw Hill).

268N. Mining Engineering II.

Pre-requisite subjects: Mining Engineering I (267N), Strength of Materials (274), Hydraulics (224N).

Lectures: Three hours a week throughout the year dealing in greater detail with the subject matter of Mining Engineering I (267N). Advanced treatment of the engineering problems of exploration and development, mining methods, mine ventilation and hygiene; mining economics and mining law.

Practical Work: Twelve hours per week comprising the construction of mine maps and models, design work and calculations relating to mining operations, plant layouts, etc.

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:

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).
Staley, W., *Mine plant design* (McGraw Hill).
Jeppe, C. B., *Gold mining on the Witwatersrand* (Transvaal Chamber of Mines).

270N. Oredressing.

Pre-requisite subjects: Geology I (141), Engineering Drawing II (249N) and Mining Engineering I (267N).

Lectures: Two hours a week, during the second and third terms. Process Engineering I (261N), 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.

273. Mine Surveying.

Pre-requisite subjects: Mathematics IA (85), Geology I (141), Engineering Drawing I (248N).

Lectures: One hour per week throughout the year, dealing with general surveying; elements of astronomy; elementary photogrammetry; tunnel surveys; shaft plumbing methods; stope surveys; borehole surveys; special mine surveys; engineering surveying as applied to mining; mine survey office organisation.

Practical work: Four hours per week throughout the year, spent in practical survey work and calculations.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. 1 (Constable).

Reference books:

Winiberg, F., *Metalliferous mine surveying* (Mining Publications Ltd.).
Winiberg, F., *Surveying calculations* (Mining Publications Ltd.).
Haddock, M., *Deep borehole surveys and problems* (McGraw Hill).
Staley, W., *Introduction to mine surveying* (Stanford Univ. pr.).

Students should provide themselves with seven-figure logarithmic tables, such as Chambers's Mathematical Tables.

274. Strength of Materials.

Before taking this subject students must have passed in Mathematics IA (85), and Applied Mathematics I (91) must be taken concurrently, if it has 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 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.

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

1. Elements of Law and Legal and Constitutional History—(301).

(a) The sources of law, written and unwritten (common law, equity, statutes, custom, judicial precedents, etc.).

(b) Outline of the growth of English courts and of fundamental legal principles.

(c) General principles of legal interpretation.

(d) Outline of constitution of courts of South Australia.

Text-books:

Geldart, W. M., *Elements of English law* (Thornton Butterworth).
Windeyer, W. J. V., *Lectures on legal history* (Law Book Co. of Aust.).

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).
Radcliffe, G. R. Y., and Cross, G., *English legal system* (Butterworth).
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).

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* (3rd 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; Real Property Act, 1886-1939; Settled Estates Act, 1880-1943; Estates Tail Act, 1881; and other Statutes as prescribed in lectures.

(c) Reports of cases specially prescribed in lectures.

Books of reference:

Williams, J., *Principles of the law of personal property* (Sweet and Maxwell).

Williams, J., and Eastwood, R. A., *Principles of the law of real property* (Sweet and Maxwell).

Topham, A. F., *Real property* (Butterworth).

Cheshire, G. C., *Modern law of real property* (Butterworth).

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-books:

Jennings, W. I., *Law and the constitution* (Univ. of London pr.).
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).
Phillips, O. H., *Principles of English law and the constitution* (Sweet and Maxwell).
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 I and Economic History or Political Science.
3. Economics I and Economic History.
4. Psychology and one of the following: Logic, Ethics, Philosophy A, Philosophy B, Education.
5. 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 be given in 1951.

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:

Selected parts of Lemon, H. B., and Ference, M., *Analytical experimental physics* (Univ. of Chicago pr.), in conjunction 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:

Thorpe, W. V., *Biochemistry for medical students* (3rd ed.) (Churchill); or
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:

Schafer, E. A. S., *Essentials of histology, descriptive and practical* (latest edition) (Longmans); or
Maximow, A. A., and Bloom, W., *A textbook of histology* (5th ed.) (Saunders); together with:
Hamilton, W. J., and others, *Human embryology* (Heffer); or
Keith, A., *Human embryology and morphology* (6th ed.) (Arnold).
Ford, E. B., *Genetics for medical students* (3rd ed.) (Methuen).

Recommended for further reading:

Clark, W. E. Le Gros, *The tissues of the body* (2nd ed.) (O.U.P.).
Corner, G. W., *Ourselves unborn* (Yale U.P.).
Barclay, A. E., and others, *Foetal circulation and cardiovascular system*, a synopsis for students (Blackwell).

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 lecturer and any demonstrators that may be available.

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 lectures on introductory systematic 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* (latest 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:

Rawling, L. B., *Landmarks and surface markings of the human body* (Lewis).
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
Muir, R., *Textbook of pathology* (Arnold); or
Karsner, H. T., *Human pathology* (6th ed.) (Lippincott).
Wright, G. Payling, *An introduction to pathology* (1st ed., 1950) (Longmans).
Vines, H. W. C., *Green's introduction to pathology and morbid anatomy* (Baillière, Tindall and Cox).
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).
Kettle, E. H., *Pathology of tumours* (Lewis).
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).

342. Group II: Applied Physiology and Pharmacology.

The course extends throughout three terms beginning with the second term in the fourth year of medical studies. It consists of one lecture or lecture-demonstration weekly, and of practical work in the application of physiological methods to the elucidation of functional pathology and the results of therapy. The latter is conducted during the period of clinical clerking, and the student must be certified as having completed the necessary investigations to the satisfaction of the Professor, before he will be admitted to the examination in this subject at the end of the fifth year.

Text-books:

Bastedo, W. A., *Pharmacology, therapeutics, and prescription writing* (Saunders).
Wright, S., *Applied physiology* (O.U.P.).

343. Group III: Practical Pharmacy, Pharmaceutical Materia Medica, and Posology.

The course is given during the third term of the third year and the first term of the fourth year.

A theoretical and practical 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, 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, air 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* (1945).

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 fabricatious; 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* (7th ed., 1946) (Oxford University Press).
Cecil, R. L. F. (ed.), *Textbook of medicine* (7th ed., 1947) (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* (8th ed., 1948) (Lewis).
Whitby and Britton, *Disorders of the blood* (5th ed., 1946) (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* (1945) (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* (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 fifth 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 clinical demonstrations at the Parkside Mental Hospital in the second term of the fifth 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:

Sheldon, W. P. H., *Diseases of infancy and childhood*, 5th ed. (Churchill).
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 treatment* (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 twelve 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:

Brown, 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).
Brown, 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:

Selected parts of Lemon, H. B., and Ference, M., *Analytical experimental physics* (Uni. of Chicago pr.) in conjunction 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. Elements of Metallurgical Chemistry.

A course of lectures and practical work beginning in the second term.

THEORY:

The physical and chemical properties of metals used in dentistry.

PRACTICAL WORK:

Furnace manipulation; temperature control and measurement; pre-preparation of amalgams and testing for change of volume on setting; preparation of pure gold from scrap; making of an 18-carat gold alloy.

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*, latest 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. Prosthetic Dentistry.

(a) A course of instruction on the rudiments of dental mechanics and the materials employed.

(b) A course of demonstrations and practical work at the Dental Department, Adelaide Hospital.

Text-book:
Skinner, E. W., *The science of dental materials* (Saunders).

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.

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*; or
Baker, C., and Malins, J., *Medicine for dental students* (Arnold).

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 service.
(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.).

FIFTH YEAR.

441. Anaesthetics.

A course of lectures and demonstrations on general anaesthetics.

Text-book:

Minnitt, R. J., and Gillies, J., *Text-book of anaesthetics* (Livingstone).

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. Ethics, Economics, and Dental Jurisprudence.

A course of five lectures dealing briefly with these subjects.

445. Oral Hygiene.

A short course of lectures on dentistry in its relation to public health; on the anatomy and physiology of mastication; on preventive dentistry 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.

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 hydrocal; 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 Technics.

Carry out the following work:—

1. Plain soldered bands.
2. Plain spurred bands.
3. Appliance for maintaining expansion.
4. Retaining appliances, Classes II and III.
5. Retainer for use after rotation.

FIFTH YEAR.

Operative Dentistry.

Each student shall attend on the days allotted to him for instruction in extractions, anaesthetics, and examinations and must do practical work in each group of operations, as given below:—

1. Extractions:
   Under local anaesthetic.
   Under general anaesthetic.
2. Examination reports.
3. Gold restorations.
4. Inlays.
5. Plastic restorations:
   Amalgam.
   Silicate cement.
6. Root canal treatments and pulp-capping.
7. Radiography.
8. Gingivitis and pyorrhoea treatments.

Anaesthetics.

Attend demonstrations on the days allotted and do administrations of anaesthetics.

Oral Surgery.

Attend and assist in at least one case of each of the following:—

Root resection, alveolectomy, surgical removal of impacted teeth, fractured jaw.

PROSTHETIC DENTISTRY.

Carry out the following practical work:—

1. Full denture construction for patients.
2. Partial denture construction for patients.
3. Immediate denture construction for patients.
4. Construct splints for fractured jaws.
5. Construct appliances for cleft palates.

When suitable patients are not available, exercises will be set by the Instructor.

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 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* (Baillière, Tindall and Cox); or from
Wright, S., *Applied physiology* (O.U.P.).

The junior text-books will be:
Best, C. H., and Taylor, N. B., *Living body* (Baillière, Tindall and Cox).
Carlson, A. J., and Johnson, V. E., *The machinery of the body* (Chicago Univ. pr.).

The examination will consist of a written paper and viva voce questions.

PATHOLOGY.—A fuller knowledge of general pathology, especially of inflammation and tumours; a critical survey of recent and current literature on the pathology of dental and oral tissues. Practical work under the direction of the Professor of Pathology.

BACTERIOLOGY.—Further knowledge of the general and special bacteriology of 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.

452. General Musical Knowledge.

SYLLABUS:

(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 asociated 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.

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.

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.

465a. Harmony I.

SYLLABUS—

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 or a fragment of 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.

465b. Harmony II.

SYLLABUS—

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, *Ths 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).
Jeans, *Science and music* (C.U.P.).
Buck, *Acoustics for musicians* (Clarendon).
Wood, *The physics of music* (Methuen).

EXAMINATION: One three-hour paper.

DIPLOMA IN COMMERCE

COMPULSORY SUBJECTS

482. 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).
Dicksee, L. R., *Advanced accountancy* (Gee).
Barton, A. E., *Australasian advanced accountancy* (Law Book co.).
Spicer, E. E., and Pegler, E. C., *Book-keeping and accounts* (Pitman).
Tovey, P., *Balance-sheets* (Pitman).
Irish, R. A., *Practical auditing* (Sydney Law Book co.).

Examination: Three 3-hour papers.

483. 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.

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.

484. Commercial Law I.

The course consists of about 60 lectures, is completed in one year, and normally is given every year.

The lectures will deal with a selection from the following:—Elements of law; contracts; agency; negotiable instruments; sale of goods; insurance; and such other subjects as the lecturer may select.

Text-books: One of the following is required:

Charlesworth, J., *Principles of mercantile law* (Stevens).
Yorston, R. K., and Fortescue, E. E., *Australian mercantile law* (Sydney Law Book).
Rogers, G., and Edwards, E. J., *Mercantile law in Australia* (Butterworth).
Mayman, G. L., *Australian commercial law and principles* (Pitman).
Holland, R. W. and R. H. C., *Slater's mercantile law in Australia* (Pitman).

485. Commercial Law II.

Candidates must have passed in Commercial Law I 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 Assessment Act (including amendments to 30th June, 1951).

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.

486. Economics.

A candidate 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.

487. Statistics I.

The course consists of about 60 lectures, is completed in one year, and normally is given every year.

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; straight-line curve fitting; determination of linear and rank correlation; problems of index numbers and weighting; population structure, trends and measurement; the national income; wage assessment; Australian statistics. The theory will be covered parallel with a discussion of the available Australian statistics, and the methods of compilation used.

Students are advised that proficiency in mathematics (and at least in arithmetic) to the matriculation standard is of great advantage in studying this course. Although attendance at lectures is not conditional upon passing any previous examinations, students may be refused permission to take the final examination unless they show a sufficient standard in periodical exercises and any terminal examinations which may be set.

Preliminary Reading:

Mauldon, *The use and abuse of statistics* (Univ. of W.A.).

Text-books:

Commonwealth of Australia, *National income and expenditure*, 1949-50 (Government Printer, Canberra).

Australian Bureau of Census and Statistics, *Pocket compendium of Australian Statistics* (thirty-fifth issue); and, either

Allen, *Statistics for economists* (Hutchinson); or, if the student is proceeding with Statistics II,

Croxton and Cowden, *Applied general statistics* (Prentice-Hall).

Reference Books:

Copland, *The Australian economy* (1945 ed.) (Angus and Robertson).

Clark and Crawford, *The national income of Australia* (Angus and Robertson).

Mills, *Statistical methods* (Pitman).

Brinton, *Graphical representation.*

Australian Bureau of Census and Statistics, *Official yearbooks, labour reports, quarterly summaries of Australian statistics, monthly reviews of business statistics.*

South Australia, *Statistical register, quarterly summaries of statistics.*

490. 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.

491. Commercial Law III.

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.

DIPLOMA IN PUBLIC ADMINISTRATION

NOTE.—The syllabuses for Economics and Statistics I are the same as those prescribed for the Diploma in Commerce. The syllabuses of the courses for the degree of Bachelor of Arts may be found in the University Calendar.

495. Political Institutions.

The course, consisting of about 30 lectures, is offered every alternate year, and is completed in one year. It will be offered in 1952, and will be given if sufficient students enrol.

The first part of the course deals with the principal conceptions underlying the various forms of modern political organization: the State; sovereignty; organs and functions of government; the Legislature; the Executive; the Judiciary; theories of the separation and division of powers.

The second part of the course is devoted to a comparative survey of political institutions in the United Kingdom, the United States, France, Italy, Switzerland, and the Commonwealth of Australia.

The third part of the course consists of a study of modern social movements; democracy; capitalism; socialism; communism; anarchism; syndicalism; guild socialism; the single tax; the co-operative movement.

Text-books:

Strong, C. F., *Modern political constitutions* (Sidgwick and Jackson).
Wasserman, L., *Modern political doctrines and what they mean* (Blakiston).

References:

McIver, R. M., *Modern state* (O.U.P.).
Laski, H. J., *Grammar of politics* (Allen and Unwin).
Finer, H., *Theory and practice of modern government* (Methuen).
Allen, C. K., *Bureaucracy triumphant* (O.U.P.).

Other references will be given by the lecturer.

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:

Pfiffner, 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.

497. Public Finance.

The course is offered every alternate year, and is completed in one year. It will be offered in 1951, and will be given if sufficient students enrol.

The course deals with the nature of and necessity for public expenditures and public revenues; government budgets; Parliamentary appropriation; the public debt; public works and social policy; local government finance; federal finance; special grants and national economic policy; form and presentation of government published accounts and statistics.

Text-books:

Hicks, U. K. W., *Public finance* (Nisbet).
Hansen, A. H., *Fiscal policy and business cycles* (Norton).

For reference:
Pigou, A. C., *Study in public finance* (Macmillan).
Reports of the Commonwealth Grants Commission.
Reports of the Commonwealth and State Auditors-General for the current year.
Economic Records.
Other reference books will be given by the lecturer.

DIPLOMA IN PHARMACY

Note.—The subjects in the course for the Diploma in Pharmacy must be taken in the order indicated below. No departure from this rule is permitted without the sanction of the Board of Pharmaceutical Studies.

FIRST-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 pharmacopoeial 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.

This class meets on Mondays and Fridays, from 9 a.m. to 12 noon, during the first and second terms.

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).

506. Forensic and Commercial Pharmacy.

Basis: 20 one-hour lectures given at 21 noon on Tuesdays and Thursdays during the Second Term.

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.

511. Pharmacy.

Subject-matter:

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.

512. Dispensing.

Subject-matter:

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

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*, 2nd 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 second 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. 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).

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 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 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 second 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* (Methuer 1936).

Marshall, F. J. C., and Rees, W. R., *Physical education in boys' school*· 2nd Edition, 1941 (London Univ. pr.).

Williams, J. F., and Brownell, C. L., *Administration of health and physical education* (Saunders).

Halliday, R. E., and Gordon, K. M., Education Department of Western Australia, *Physical education for primary schools* (1942), and *Pictorial handbook to physical education for primary schools* (1945).

Physical and recreational training for Australian Women's Services.

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).

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 lecures 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).
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. 61.

553. Social Biology.

There are two 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, veneral 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.

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).

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.). Administration of social agencies. The social worker's role in the community.

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:

Richmond, M. E., *What is social case-work?* (Russell Sage Foundation).
Richmond, M. E., *Social diagnosis* (Russell Sage Foundation).
Young, P., *Interviewing in social work* (McGraw Hill).
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).
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 Assocn. of America).
Taft, J. (ed.), *A functional approach to family case work* (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.).
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.

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.

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 planning. Social controls in primitive society.

Social change: biological, geographical, technological and cultural factors; social development; social values and cultural trends. Social disorganisation; theory of cultural lag; social problems; migration and assimilation.

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.

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).
Hankins, F. H., *Introduction to the study of society* (Macmillan).
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).
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.).
Malinowski, B., *Crime and custom in savage society* (Paul, Trench, Trubner).
Malinowski, B., *Scientific theory of culture and other essays* (Univ. of Nth. Carolina pr.).
Malinowski, B., *Dynamics of culture change* (Yale Univ. pr.).
Mead, M., *From the South Seas* (Morrow).
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).
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 *Encyclopoedia of the Social Sciences.*

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. Mental mechanisms affecting social interaction. Culture patterns and collective behaviour; formation of group norms; prejudice; 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).
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).
Miller, N. E., and Dollard, J.,*Social learning and imitation* (Paul, Trench and Trubner).
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).
Thouless, R. H., *General and social psychology* (Uni. Tutorial pr., London).

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.).
Hadfield, J. A., *Psychology and morals* (Methuen).
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).

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*: regulation of wages, hours, conditions, industrial disputes; 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 centres, children's homes, hospitals, Juvenile Court, opportunity classes, factories, prisons and reformatories.

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* (Baillière, Tindall and Cox).

Jones, F. Wood, *Structure and function as seen in the foot* (Baillière, Tindall and Cox).

582. Theory of Treatments and Practice of Massage.

A. TREATMENTS.—The course consists of one hour a week throughout the three terms:

Brief revision of causes, changes, signs and symptoms of the following conditions, with detailed aims and methods of treatment by massage and exercises: fractures, dislocations and other conditions affecting osseous system; sprains; 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).

Reference books:

Tidy, N. M., *Massage and remedial exercises in medical and surgical conditions* (Wright).

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).

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 tumous 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 1951

FACULTY OF ARTS

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
1	Greek I	—	9	9	9	—	—
2	Greek II	—	9	9-11	9	—	—
3	Greek III	Times to be arranged				—	—
5	Latin I — Day	11	11	11	—	11	—
	Latin I — Night	5.15–7.15	—	—	5.15–7.15	—	—
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	12	—	—	11	—	—
	English I° — Night	5.15	—	5.15	—	—	—
17	English II — Day	—	And times to be arranged		—	12	—
	English II — Night	—			—	5.15	—
18	English III	And times to be arranged		—	5.15	—	—
	English Honours	Times to be arranged		—	—	—	—
26	French I—Lectures — Day	—	—	10	—	10	—
	French I—Lectures — Night	—	—	5.15	—	5.15	—
	Oral—Even Years	—	—	—	—	—	9–10°
	Odd Years	—	6–7°	—	—	—	—
27	French II—Lectures	—	10	—	10	—	—
	Oral	—	—	—	7–9	—	—
28	French III—Lectures	—	—	10	—	10	—
	Oral	—	—	—	7–9	—	—
	Old and Middle French I and II and French Honours	Times to be arranged		—	—	—	—
36	German I	—	—	5	—	—	9
37	German II	—	—	5	—	—	9
41	History I — Day	—	12	—	12	—	—
	History I — Night	—	5.15	—	5.15	—	—
42	History II	5.15	—	—	—	5.15	—
43	Political Science	—	4	—	4	—	—
44	Economic History—Even Years	5.15	—	—	—	5.15	—
	Odd Years	12	—	—	—	12	—

° 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.
51	Economics I—Even Years†	5.15	—	—	5.15	—	—
	Odd Years	—	—	12	—	12	—
52	Economics II—Even Years	—	—	10	—	10	—
	Odd Years	—	—	5.15	—	5.15	—
53	Economics III—Even Years	—	—	5.15	—	5.15	—
	Odd Years	—	—	10	—	10	—
54	Social Economics—Even Years	—	—	12	—	12	—
	Odd Years	5.15	—	—	5.15	—	—
57	Statistics II	12	—	12	—	—	—
58	Geography I	—	5.15	—	—	5.15	—
59	Geography II	5.15	—	—	5.15	—	—
60	Geography III	7.15–9.15	—	5.15	—	—	—
61	Psychology .... Day	—	10	—	10	—	—
	Night	—	5.15	—	5.15	—	—
62	Logic—Every Year	—	12	—	12	—	—
	Odd Years	—	6.15	—	6.15	—	—
65	Ethics—Odd Years	—	4.15	—	—	4.15	—
	Even Years	5.15	—	—	5.15	—	—
66	Philosophy A—Odd Years	2	—	—	—	2	—
67	Philosophy B—Even Years ..	2	—	—	—	2	—
	Every Year	—	5.15	—	—	5.15	—
	Philosophy Honours	Times to be arranged		—	—	—	—
76	Education .... Day	—	2	—	2	—	—
	Night	—	5	—	5	—	—
		DIPLOMA IN EDUCATION					
78	Educational Psychology II ..	—	—	—	—	—	10
79	Pre-Primary Education III ..	—	—	5	—	—	—
80	Primary Education III	—	—	—	—	—	11
81	Secondary Education III	—	—	—	—	—	11
77	Hygiene	—	—	—	—	—	9

† Candidates cannot take both Economic History and Economics I in even years.

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	
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	
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°	—	—	—	
58	Geography I	—	5.15	—	—	5.15	
59	Geography II	5.15	—	—	5.15	—	
60	Geography III	7.15–9.15	—	5.15	—	—	
141	Geology I—Lectures	—	6.15	—	6.15	—	
	Practical	—	5.15	—	5.15	—	
41	History I	—	5.15	—	5.15	—	
42	History II	5.15	—	—	—	5.15	
5	Latin I	5.15–7.15	—	—	5.15–7.15	—	
62	Logic	—	6.15	—	6.15	—	
66	Philosophy B	—	5.15	—	—	5.15	
85	Pure Mathematics IA	5.15	—	5.15	—	5.15	
89	Pure Mathematics IIA	5.15–6.45	—	—	5.15–6.45	—	
101	Physics I—Lectures	5.15	—	5.15	—	5.15	
	Practical	6.15–8.15	—	6.15–8.15	—	—	
61	Psychology	—	5.15	—	5.15	—	
161	Zoology I	—	6-9.30	—	6-9.30	—	

° 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**	10	10	—	10	—	—
	Tutorials (1 hour)	11	9	—	9, 11	—	—
101	Physics I—Lectures	9	—	9	—	9	—
	Practical†	10–12	10–12	10–12	10–12	10–12	9–11
116	Chemistry I—Lectures	12	—	12	—	12	—
	Practical	2–5	2–5	—	2–5	2–5	—
		(B)	(A)	—	(B)	(A)	—
141	Geology I—Lectures	—	—	11	—	11	—
	Practical (2 sessions)*	—	12(A)	10(B)	12(A)	10(B)	—
151	Botany I—Lectures	—	9	—	9	—	—
	Practical**	10–12	10–12	2–4	10–12	—	—
		(A)‡	(B)	(A)‡	(B)	—	—
161	Zoology I—Lectures	—	12	—	12	—	—
	Practical	2–5	—	—	2–5	—	—
	Zoology IA (Agric. and Dent.)—						
	Lectures	11	—	9	—	—	—
	Practical	—	2-5	—	—	2-5	—
158	Biology—Lectures	—	—	6.15	—	6.15	—
	Practical	—	—	7.15–9.15	—	7.15–9.15	—
	SECOND-YEAR SUBJECTS—						
89	Mathematics IIA—Lectures	9	—	9	—	9	—
	Tutorials (1 hour)	12	10	11	—	10	—
90	Mathematics IIB—Lectures	9	—	10	—	—	—
91	Applied Maths. I—Lectures	11	11	—	11	—	—
	Tutorials (1 hour)	—	—	12	10	11	—
92	Statistical Methods	To be arranged					
102	Physics II—Lectures	—	12	—	12	12	—
	Practical	2–5	2–5	—	—	2–5	—
113	Inorganic Chemistry II—Lectures	—	9	—	9	—	—
114	Practical	—	12–5	—	12–5	—	—
115	Organic Chemistry II—Lectures	12	—	—	—	9	—
116	Practical	—	—	9–1	—	10–1	—
142	Geology II—Lectures	—	10	—	10	—	—
	Practical	10–12	11	—	—	—	—
152	Botany II—Lectures	9	—	9	—	—	—
	Practical	—	2–5	—	2–5	—	—
162	Zoology II—Lectures	—	—	12	—	12	—
	Practical	—	2–5	—	2–5	—	—
171	Biochemistry (1st and 2nd terms) Lectures	10	—	10	—	10	—
	Practical	2–5	—	—	—	2–5	—
	Third term	To be arranged					
173	Physiology (3rd term)—Lectures	10	—	—	—	10	—
	Practical	2–5	—	—	—	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.
	THIRD-YEAR SUBJECTS—						
95	Mathematics IIIA	10	10	—	—	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.
	PRELIMINARY YEAR FOR MINING AND METALLURGY–						
111	Chemistry I–						
	Lectures	12	—	12	—	12	—
	Practical	2–5	—	—	—	2–5	—
85	Pure Mathematics IA–						
	Lectures	10	10	—	10	—	—
	Tutorial (1 hour)	11	—	—	11	—	—
101	Physics I–						
	Lectures	9	—	9	—	9	—
	Practical (3 hours)	—	2–5	2–5	—	—	—
	FIRST-YEAR COURSES–						
232	Antique Drawing I	2-5	—	—	—	—	—
234	Modelling I	—	—	—	—	2–5	—
31	Applied Mathematics I–						
	Lectures	11	11	—	11	—	—
	Tutorial (1 hour)	—	—	12	—	11	—
212	Architectural History I–Lectures	—	5.15	—	—	—	—
	Practical	—	—	2-4	—	—	—
112	Inorganic Chemistry I–						
	Lectures	12	—	—	—	12	—
	Practical (3 hours)	2–5	—	—	2–5	—	—
	Inorganic Chemistry II–						
113	Lectures	—	9	—	9	—	—
114b	Practical	—	12–5	—	—	12–5	—
230	Drawing I	—	11–1	10–12	—	—	—
248N	Engineering Drawing I (4 hours)	—	11–1	10–12	1–5	—	—
246	First Aid°–						
	Lectures (as notified)	—	5	—	—	—	—
	Practical (2 hours)		To be arranged in the evening				
247	General Engineering	—	—	—	—	11	—
85	Pure Mathematics IA–						
	Lectures	10	10	—	10	—	—
	Tutorial (1 hour)	11	—	—	11	—	—
89	Pure Mathematics IIA						
	Lectures	9	—	9	—	9	—
	Tutorial (1 hour)	12	10	11	—	—	—
101	Physics I–Lectures	9	—	9	—	9	—
	Practical (3 hours)	—	2–5	2–5	—	—	—
276	Surveying I–						
	Lectures	—	—	—	9	—	—
	Practical	—	2–5	—	—	—	—
286	Workshop Practice I–						
	Lecture	—	—	—	—	10	—
	Practical (3 hours)	2–5	—	—	—	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	—	—	—	—	—
237N	Geom. Projection and Rendering	—	2–5	—	2–5	—	—
219	Building Construction and Drawing–						
	Lectures	—	—	—	—	2	—
	Practical	—	—	—	—	3–5	—
241N	Electrical Engineering I—						
	Lectures	—	—	—	10	10	—
	Practical (3 hrs.)‡	2–5	—	—	—	—	—
249N	Engineering Drawing II°°—						
	Lectures	10	—	—	—	—	—
	Practical (3 hours)	2–5	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	—	10–1	—	10–5	—	—
246N	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	—

° Candidates must attend either (A) or (B).
°° First and second terms only.
† One term only.
‡ For two terms 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.	—	—	—	—	9	—
	Pract.	10-1	—	—	—	—	—
214	Architectural Design I	6.30–9.30	6.30–9.30	—	—	—	—
221N	Civil Engineering I—						
	Lectures	—	9	—	11	—	—
	Laboratory‡ (3 hours)	2–5	—	2–5	—	—	—
	Drawing Office	—	—	—	2–5	—	—
241N	Electrical Engineering I and Electronics IA—						
	Lectures	12	—	—	10	10	—
	Practical (3 hours)	2–5	—	—	—	2–5	—
242N	Electronics IB—						
	Lectures	—	—	—	—	9	—
	Practical (3 hours)°	—	—	2–5 and by arrangement			
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	—	2–5	—	—	—
245	Industrial Engineering	—	—	—	12	12	—
256N	Mechanical Engineering I—						
	Lectures	—	12	12†	—	11	—
	Practical°	—	2–5	—	—	—	—
	Drawing Office (3 hours)	—	2–5	2–5‡	—	—	—
267N	Mining Engineering I	9	—	—	—	10	—
261N	Process Engineering I—						
	Lectures	9	—	—	11	—	—
	Practical (6 hours)	—	—	—	2-5	and by arrangement	
274	Strength of Materials—						
	Lectures	—	9	—	9	—	—
	Practical (3 hours)	—	—	—	—	2–5	—
277	Surveying IA—						
	Lectures	—	—	—	9	—	—
	Practical	—	—	—	—	2–5	—
287N	Workshop Practice II—						
	Lectures	—	—	—	9	—	—
	Practical (3 hours)	—	—	—	2–5	2–5	—

°° Candidates must attend either (A) or (B).
° For two terms. † Third term only. ‡ One term only.

FACULTY OF ENGINEERING — Continued

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	FOURTH-YEAR COURSES—						
210	Architectural Theory, Construction and Practice II—						
	Lectures	9	—	9	—	—	—
	Practical	10-1	—	—	—	—	—
215	Architectural Design II	—	—	—	—	6.30–9.30	9–12
203N	Assaying I—						
	Lectures	—	—	12	—	—	—
	Practical	2–5	—	—	2–5	—	—
221N	Civil Engineering I—						
	Lectures	—	9	—	11	—	—
	Laboratory° (3 hours)	2–5	—	2–5	—	—	—
	Drawing Office	—	—	—	2–5	—	—
223N	Civil Engineering II—						
	Part A, Lectures	9	—	—	9, 10	—	—
	Practical	—	—	—	—	2–5	—
	Part B, Lectures	—	11	9	—	—	—
	Practical (8 hours)	2–5	2–5	2–5	—	—	—
	Seminar	10-1	—	—	—	—	—
226	Design of Structures I—	—	—	—	2–5	—	—
242N	Electrical Engineering II—						
	Servomechanisms‡	9	9	9	9	10	—
	Electronics, Lectures	9	—	—	—	10	—
	Calculations	—	—	—	—	11	—
	Power, Lectures		9	—	9	—	—
	Calculations	—	—	—	11	—	—
	Practical†	10–5	10–5	—	2–5	—	—
	Special Lectures	—	—	9°°	—	—	—
	Seminar	—	—	—	—	2–5	—
141	Geology I—						
	Lectures	—	—	11	—	11	—
	Practical	—	—	10	—	10	—
224	Hydraulics—						
	Lectures	—	—	—	—	9	—
	Practical (3 hours, term 2 or 3)	2–5	—	2–5	—	—	—
245	Industrial Engineering	—	—	—	12	12	—

° One term only.
† Electronics OR Power.
‡ Servomechanisms during first seven weeks; thereafter Electronics and Power.
°° 10 o'clock for first seven weeks only.

FACULTY OF ENGINEERING – Continued

No. in Syllabus	Subject	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	Mechanical Engineering II–						
	1st Term–						
	Part A, Lectures	10	10, 11	10	11	—	—
	Practical	—	—	—	2–5	—	—
	Part B, Lectures	11	—	11	10	—	—
	Practical	2–5	—	—	—	—	—
	Seminars and Tutorials	—	2–5	—	—	2–5	—
	2nd Term–						
	Part A, Lectures	—	10, 11	10	—	—	—
	Practical	—	—	—	9–12, 2–5	—	—
	Part B, Lectures	—	9	9, 11	—	11	—
	Practical	9–5	—	—	—	—	—
	Seminars and Tutorials	—	—	—	—	2–5	—
	3rd Term–						
	Part A, Lectures	—	—	10	—	—	—
	Practical	—	9–5	—	2–5	—	—
	Part B, Lectures	—	—	9	—	—	—
	Practical	9–5	—	—	—	—	—
	Seminars and Tutorials	—	—	—	9–11	2–5	—
145	Mining Geology (term 3)–						
	Lectures	—	10	—	10	—	—
	Practical	10–12	11–1	—	—	—	—
262N	Process Engineering II–						
	Lectures	12	11	—	10	—	—
	Practical	9–12	9–11	10–5	9–10	9–12	—
270N	Oredressing*–						
	Lectures	—	12	—	11	—	—
	Practical	—	2–5	—	—	—	—
277	Surveying IA–						
	Lectures	—	—	—	9	—	—
	Practical (3 hours)	—	2–5	—	—	2–5	—
	FIFTH-YEAR COURSES–						
211	Architectural Theory, Construction and Practice III–						
	Lectures	10, 5.15	—	—	10	—	—
	Practical	10–1	—	—	—	—	—
216	Architectural Thesis			by arrangement			
	Structural Design–						
	Lectures	To be notified		—	—	—	—
	Practical (8 hours)	2–5	2–5	2–5	—	—	—

* 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	
Biochemistry (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.
‡ Second term only.
°° First term only.
§ Exercises in speaking.

DIPLOMAS IN COMMERCE AND PUBLIC ADMINISTRATION

		Monday	Tuesday	Wednesday	Thursday	Friday
Accountancy I	Lectures		5.15		6.15	
	Tutorial Classes		To be arranged			
Accountancy II	Lectures		5.15		6.15	
	Tutorial Classes		To be arranged			
Accountancy III	Lectures	5.15			5.15	
	Tutorial Classes	To be arranged				
Economics I	Lectures			12		12
	Tutorial Classes	To be arranged				
Economics II	Lectures			5.15		5.15
	Tutorial Classes	To be arranged				
Economics III				10		10
Social Economics		5.15			5.15	
Commercial Law I				5.15		5.15
Commercial Law II (new course)				5.15		5.15
Commercial Law III		To be arranged				
Statistics I		5.15			5.15	
Statistics II		12		12		
Public Administration				7.15		6.15
Public Finance				5.15		

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						
12				Theory of Massage*		
1						
2	Physics	Anatomy			Anatomy	
3						
4	Theory of Movement†	Physiology		Physiology	Theory of Movement†	

* 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° Electricity Muscle† Re-education		Muscle† Re-education	Medical° Electricity	

° 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	—	—	12	—	12	—
Social Economics	5.15	—	—	5.15	—	—
Economic History	12	—	—	—	12	—
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	5.15	—	5.15	—	5.15
502	Practical, 1st and 2nd terms	9–12	—	—	—	9–12
	Organic Chemistry—					
503	Theory	—	9	—	9	—
504	Practical 2nd term	—	10–1	—	10–1	—
	3rd term	—	—	—	9–12	—
505	Pharmacy I, 1st term	—	10.15	—	10.15	9–12
506	For. and Com. Pharmacy	9	—	1	—	—
507	Pharmacy II, 2nd and 3rd terms	—	—	—	—	9–12
508	Botany, 1st and 2nd terms	10–1	—	2–5	—	—
	Pharmacy III—					
509	Materia Medica A					
511	Pharmacy	2–5	—	9–12 (2nd term)	—	—
512	Dispensing					
510	Materia Medica B	To be arranged				

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Thursday	Friday
Anatomy	Anatomy
Theory of Massage	Theory of Movement
Pathology	Practice at Royal Adel. Hospital (1-4)
Muscle† Re-education	Medical° Electricity

dents — notification of times giv

and Pathology are held in th

be arranged.

e Children's Hospital.

first Monday in February. Stud
the Royal Adelaide Hospital

s, at 4 p.m. at the Adelaide Ch

IAL SCIENCE

Tues.	Wed.	Thurs.
—	12	—
—	—	5.15
—	—	—
10 or 5.15	—	10 or 5.15
—	—	—
—	—	—
To be arranged		
To be arranged		
To be arranged		
—	—	—
To be arranged		

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CALENDAR OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1951

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 I (41) and II (42);
Political Science (45);
Economics I (51), II (52), and III (53);
‡Social Economics (54);
Economic History (44);
†Geography I (58), II (59), and III (60);
Psychology (61); Ethics (65); Logic (62); Philosophy A (66) and B (67);
Education (76);
*Pure Mathematics IA (85), IIA (89), IIB (90), IIIA (95), and IIIB (96);
‡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).

* Amended 7th December, 1939. † Amended 16th December, 1948.
‡ Allowed 8th December, 1949. § Allowed 9th December, 1943.

†Biology shall not be counted by any candidate who presents either Botany I or Zoology I as a subject in his course for the degree.

**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) Political Science and History (48),

(d) Philosophy (69),

(e) Mathematics (99),

(f) French Language and Literature (30),

‡(g) Repealed,

*(h) Economics (55),

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.

Every candidate for an Honours degree shall pass in Greek I or Latin I or French I or German I or in an examination in French or German approved by the Council.

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.

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:

Latin I, II, and III;
Greek 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.

* Allowed 7th December, 1939. † Allowed 9th December, 1943.
‡ Repealed 16th December, 1948. ** Revised 8th December, 1949.

†*Scheme B*:

English Language and Literature I, II, and III;

Greek I, II, and III, or Latin I, II, and III, or French I, II, and III, or Greek I and II and Comparative Philology, or Latin I and II and Comparative Philology, or French I and II and Comparative Philology, or German I and II and Comparative Philology, or History I and II and either Political Science or Economic History, or Psychology either Logic or Ethics or Philosophy A or B, and Philosophy B or A, or Economics I, II, and III, or Economics I and II and Economic History;

Two additional courses. If a language other than English has not been chosen from the subjects set out in the preceding paragraph, one at least of these two courses must be in a language other than English.

(c) For the Honours degree in Political Science and History;

History I and II and Political Science;

Economic History;

Economics I;

Psychology;

Two additional courses, of which not more than one shall be included in the subjects set out in Regulation 4, provision (d).

(d) For the Honours degree in Philosophy:

Psychology; Logic; Ethics; Philosophy A and B;

*Pure Mathematics IA and IIA or IIB, or Physics I and II, or Greek I and II, or Latin I and II, or French I and II, or German I and II, or English Language and Literature I and II, or History I and either History II or Political Science, or Economics I and either Economics II or Economic History;

One additional course. If a language other than English has not been chosen from the subjects set out in the preceding paragraph, this course must be in a language other than English.

*(e) For the Honours degree in Mathematics:

The first-year and second-year Honours courses in Pure Mathematics;

Applied Mathematics I and II;

Two additional courses not included in the science subjects.

(f) For the Honours degree in French Language and Literature:

French I, II, and III;

Old and Middle French I and II;

Latin I and II, or Greek I and II, or German I and II, or English Language and Literature I and II, or History I and II, or Psychology and either Ethics or Philosophy A or B;

† As amended 22nd April, 1942, and 16th December, 1948.

* Allowed 14th December, 1950.

†A third course in the subject already chosen from the foregoing list, or a first course in another subject in that list. Comparative Philology may take the place of a third course in a language other than English, and either Political Science or Economic History is regarded as a third course in History. Latin I must be taken by all students who have not passed in Latin at the Leaving Honours Examination.

‡(g) Repealed.

*(h) For the Honours degree in Economics:

Economics I, II, and III;

Economic History;

Pure Mathematics IA;

Statistics I;

French I, or German I, or an examination in French or German approved by the Council;

For a candidate who has passed in French I or German I: French II, or German II, or Political Science, or Ethics, or Pure Mathematics IIA, or Statistics II and Actuarial Mathematics;

For a candidate who elects to take the examination in French or German approved by the Council: Political Science, or Ethics, or Pure Mathematics IIA, or Statistics II and Actuarial Mathematics, and one other course approved for the purpose by the Faculty of Arts.

§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

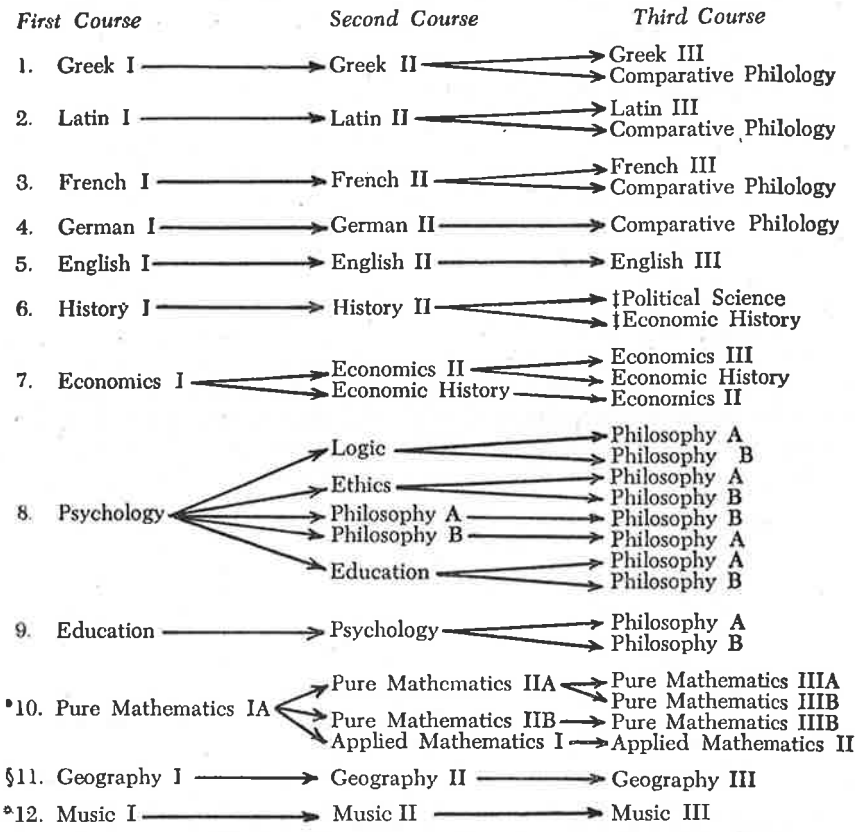
Third Class

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 Regulation 4.

* Allowed 9th December, 1943, and amended 8th December, 1949.
† As amended 22nd April, 1942.
§ Amended 16th December, 1948.
‡ Repealed 16th December, 1948.
** Allowed 14th December, 1950.

4. A candidate for the Ordinary degree shall attend lectures and pass examinations in ten of the courses set out in regulation 2; the ten courses required for the 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, Economics I, Geography I, Psychology or Education, *Pure Mathematics IA, Physics I, Chemistry I, Botany I, Zoology I, †Biology, Geology I, Music; and (e) two of the following sequences of three courses each, permissible sequences being indicated by the arrows:



**No course shall be counted twice, and a candidate shall not present both Economics I and Social Economics.

‡‡A candidate who has been accepted by the Board of Studies in Social Science as a candidate for the diploma in Social Science may

* Allowed 7th December, 1939. † Allowed 9th December, 1943.
§ Allowed 16th December, 1948. ** Allowed 8th December, 1949.
‡‡ Allowed 14th December, 1950.
‡ Either of these subjects may be taken concurrently with History II.

present Social Biology A in lieu of the first-year course in a science subject required for the degree.

5. Except by permission of the Faculty of Arts a candidate shall not proceed to a course for which he has not completed the pre-requisite courses as prescribed in the syllabuses.

6. A candidate may select any number of courses from any group of courses connected by arrows in Regulation 4, provided only that the conditions of Regulations 4 and 5 are satisfied.

7. 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. 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. Schedules defining the range of study, laboratory work, and examinations will be published as early as possible in each year.

*10. All 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.

†10A. 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.

11. 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 by the Faculty of Arts.

12. 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 Council.

For the purpose of this regulation a candidate who fails to receive permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

* Allowed 8th December, 1938, and amended 11th December, 1947.

† Allowed 8th December, 1949.

13. A candidate who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at another University be counted *pro tanto* for the degree of Bachelor of Arts, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

14. 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.

*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.

15. 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 shall pay the fees prescribed in Subsection 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	15	15	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

* Allowed 7th December, 1939. † Amended 16th December, 1948.
‡ Allowed 14th December, 1950.

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 total fee in each school, except Mathematics, is sixty-two guineas.

C. For the Ordinary or the Honours degree of Bachelor of Arts - - - - - - - - - - £5 5 0

The fees which a candidate pays for a course of lectures or an examination which he afterwards finds himself unable to attend, shall not be returned, unless the Council shall otherwise determine.

16. All previous regulations governing the degree of Bachelor of Arts are hereby repealed. A candidate for the Ordinary degree who has matriculated in or before the year 1938 and has, by December, 1938, passed in at least four courses will be allowed to complete the course for the degree under the regulations hereby repealed, provided that he does so not later than December, 1940. A candidate for the Ordinary degree who, by December, 1938, has passed in fewer than four courses will be required to proceed under the regulations hereby made. A candidate for the Honours degree who has by December, 1938, received the approval of the head of the school in which he desires to proceed to Honours will be allowed to complete the course under the regulations hereby repealed, provided that he does so not later than December, 1941.

Allowed 8th December, 1938.

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.

* Amended 16th December, 1948. † Allowed 16th December, 1948.

(b) Except as provided for in paragraph (c) of this regulation, not more than two subjects shall be presented both for the diploma in Arts and Education and for any other degree or diploma.

(c) An Associate who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree any or all of the subjects which he presents for the diploma of Associate provided:

(i) that he complete the requirements for matriculation before taking any further subject towards the degree; and

(ii) that he surrender his diploma before being admitted to the degree.

Allowed 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 (61);
(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.

* Allowed 7th December, 1939. † Allowed 14th December, 1950.

4. A candidate may be excused attendance at lectures or practical work, but only on grounds approved by the Council.

5. A candidate who desires that the examinations he has passed elsewhere, and the practical work he has done, should be counted *pro tanto* for the diploma in Education, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

6. Schedules defining the approved courses of study and professional work shall be drawn up from time to time by the Faculty of Arts and approved by the Council.

7. The undermentioned fees shall be payable in advance in such instalments as the Council shall from time to time determine:

(1) For lectures and examination in Hygiene -	£3	3	0
(2) For lectures and examination in Educational Psychology, Parts I and II. Each part - -	2	2	0
(3) For lectures and examination in the Principles of Education (Pre-Primary, or Primary, or Secondary), Parts I, II, and III. Each part -	2	2	0
(4) For the course in Practical Teaching - -	3	3	0
(5) For the Diploma - - - - - -	2	2	0

One-half of the fee prescribed for any course shall be paid by a student who is exempted from lectures, and by one who takes lectures or 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.

* Allowed 14th December, 1944.

3. Every candidate shall either

§(a) present a satisfactory thesis on a subject approved by the Faculty of Arts, and shall, if required, adduce sufficient evidence that the thesis is his own work: provided that in Classics or Mathematics a candidate may present himself for an examination in lieu of presenting a thesis; or

(b) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work selected from two departments within the Faculty, and approved by the Faculty.

‡For the purpose of section (b) of this regulation, the following combined courses are approved by the Faculty:—Philosophy and Mathematics, Philosophy and Greek, Philosophy and English Language and Literature, Philosophy and Political Science and History, English Language and Literature and Latin, English Language and 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:

	£	s.	d.
(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.
‡ Amended 3rd January, 1935, and 7th December, 1939.
§ Amended 14th December, 1950. 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. Candidates may obtain either or both degrees.

*2. Candidates for the Ordinary degree shall attend lectures regularly and shall pass examinations in the following subjects:

Economics I (51), II (52) and III (53);
Economic History (44);
Pure Mathematics IA (85);
Statistics I (487);
Statistics II and Actuarial Mathematics (57);
Accountancy I (482);
Public Finance (497) or Commercial Law I (484);
French I (26) or German I (36) or Latin I (5) or Greek I (1);
Course II in the language chosen above, or English I (16) or Political Science (45), or Geography I (58), or Psychology (61), or Ethics (65), or Pure Mathematics IIA (89).

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.

†3. Candidates for the Honours degree shall: (a) pass in the following subjects:

Economics I, II and III;
Economic History;
Pure Mathematics I;
Statistics I;
Statistics II and Actuarial Mathematics;
Accountancy I;
Public Finance or Commercial Law I;
French I or German I or Latin I or Greek I;

and (b) devote a further year to the study of Economics and perform such additional work as the Professor may prescribe.

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.

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

*Amended 11th December, 1941, 16th December, 1948, and 14th December, 1950
† Allowed 16th December, 1948.

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.

4. Candidates may be granted exemption from attendance at lectures in any subject or subjects in which they desire to be examined, 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 under very exceptional circumstances.

5. All candidates will be required to do such written or practical work as may be prescribed by the professor or lecturer concerned.

6. Schedules defining the range of study, practical work, and examinations shall be published as early as possible in each year.

‡7. All examinations shall take place 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 laboratory or other practical work, where required, to the satisfaction of the professors or lecturers concerned.

8. Written or practical work done by candidates by direction of the professor or lecturer concerned, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

†8A. 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.

9. 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.

*9a. 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 Council.

For the purpose of this regulation a candidate who fails to receive permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

‡ Allowed 10th December, 1930, and amended 11th December, 1947.
* Allowed 30th November, 1933. † Allowed 8th December, 1949.

10. Candidates who have passed equivalent examinations in other Faculties or otherwise, or who desire that their work at other Universities should be counted *pro tanto* for the degree of Bachelor of Economics, may, on application to the Council, be granted such exemption from the requirements of these regulations as the Council shall determine.

†Not more than four units which have been presented for any other degree or diploma may be counted towards the degree of Bachelor of Economics. A candidate who has already counted towards another degree or diploma more than four of the units in the course for the degree of Bachelor of Economics will be required to attend lectures and pass the prescribed examinations in such other subject or subjects as may be prescribed by the Council.

11. The following fees shall be paid in advance in such instalments as the Council shall from time to time determine:—

(a) For lectures and examinations:

(1) For those subjects which are included in the Regulations for the degree of Bachelor of Arts —the fees prescribed in those regulations.

(2) For those subjects from the courses for the diplomas in Commerce and Public Administration—the fees prescribed in the regulations for the diplomas in Commerce and Public Administration.

(3) Economics III	£5	5	0
Statistics II and Acturial Mathematics	5	5	0
(4) For the honours work in Economics	10	10	0
*(5) For the final honours examination	7	7	0
(b) For the Ordinary or Honours degree of Bachelor of Economics	5	5	0

One-half of the fee prescribed for any course except the honours course in Economics shall be paid by students who are exempted from attendance at lectures, and by those who attend lectures or take examinations, or do both, a second time.

† Allowed 11th December, 1941, and amended 8th December, 1949.
* Allowed 11th December, 1941. Allowed 10th December, 1930.

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).

† Amended 16th December, 1948, 8th December, 1949, and 14th December, 1950.

Group D: Histology (179), Statistical Methods (92), Agricultural Chemistry (125), Economics (51S), Mining I (267), Surveying I (276), Genetics (159), Palæontology (147).

*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* Palæontology and Zoology II or Botany II in lieu of his second subject from Group C,

* Amended 16th December, 1948. † Amended 11th December, 1947.
** Allowed 14th December, 1950. ‡ Amended 8th December, 1949.

provided that in such case Zoology II or Botany II (as the case may be) be not counted as a subject from Group B, *or*, if he wish to present Zoology III or Botany III as his second subject from Group C, 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	
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 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 considers necessary for the Honours course in the school selected.

C. Fee for the Ordinary or the Honours degree of Bachelor of Science £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 shall pay the following fees for examination:

(a) For the theoretical examination—

In any subject except Physics III and Geology III: half the lecture fee.

In Physics III or Geology III £3 3 0

(b) For the Practical examination—

In any subject in Group A or in Bacteriology I	1	11	6
In any other subject - - - - - -	2	12	6

(c) For the whole examination in any subject for the Honours degree - - - - - - 7 7 0

Provided that the total fee for examination in any subject under (a) and (b) shall not exceed £5/5/-.

A student taking a course of lectures and examination a second time shall pay half fees, but full fees will be required for a repeated course of laboratory work.

The fees for the course at the Australian Forestry School are not included in this schedule.

OF THE DEGREE OF MASTER OF SCIENCE REGULATIONS

*1. The following persons may become candidates for the degree of Master of Science: (a) Bachelors of Science, (b) Bachelors of Agricultural Science, (c) graduates in Medicine or in Veterinary Science who produce evidence that they have spent two academic years in research at an institution recognised for the purpose by the University of Adelaide and (d) other graduates whose academic qualifications are accepted by the Faculty of Science as sufficient.

*1A. Unless the candidate has obtained the Honours Degree of Bachelor of Science or of Agricultural Science he shall, before submitting his thesis (or presenting himself for examination in Mathematics) as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

2. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Science as equivalent to one of the qualifications required in regulation 1, may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

3. A candidate who holds the Honours degree of Bachelor of Science or Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

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

* Allowed 14th December, 1944.

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 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.

* Allowed 10th January, 1946.
† Allowed 10th December, 1936, and amended 10th January, 1946.

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 14th December, 1950. Allowed 3rd January, 1929.

OF THE DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Agricultural Science. A candidate may obtain either degree or both.

2. Except in special cases allowed by the Council or in the case of candidates holding the diploma of Roseworthy Agricultural College, every candidate for the degree of Bachelor of Agricultural Science shall after matriculation spend four academic years at least in courses of study prescribed for the degree.

A candidate who holds the diploma of Roseworthy Agricultural College shall spend three academic years at least in courses of study prescribed for the degree.

3. To obtain the degree, whether the Ordinary or the Honours degree, every candidate must regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed.

He must also present evidence to the satisfaction of the Council that he has had the practical experience prescribed.

4. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Agricultural Science and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

5. A candidate may be exempted from attendance at lectures or practical work in a subject in which he desires to be examined, but only upon grounds approved by the Council.

6. A candidate for the Honours degree shall spend an additional year and attend lectures and pass examinations in such subjects of such departments of Agricultural Science, and in such additional subjects, as may be prescribed by the Faculty.

†The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class

Division A

Division B

7. All annual examinations shall take place towards the end of the academic year, except that practical examinations and all examinations in those subjects in which the course of instruction has been completed by the end of the second term, may be held at any convenient time to be fixed by the Council.

*When entering for examination a candidate shall present on the prescribed form certificates showing that he has regularly attended the prescribed lectures, and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

Written or practical work done by candidates by direction of the professors and lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

Supplementary examinations shall be held at such times as may be approved by the Council.

A candidate who fails to pass an annual examination shall again attend lectures and do practical work in the subjects of that year's work to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Agricultural Science.

* Allowed 23rd January, 1947, and amended 11th December, 1947.

† Amended 16th December, 1948.

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 (195).
Entomology (190).
Plant Pathology (197).

(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.

C. The fee for admission to the Ordinary or the Honours degree shall be £5/5/-.

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.

2. A candidate who holds the Honours degree of Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Agricultural Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor: no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

3. Subject to conditions to be determined in each case, a graduate of a University recognised by the University of Adelaide may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions in Agricultural Science in support of his candidature.

5. Unless the candidate has obtained the Honours Degree of Bachelor of Agricultural Science, he shall, before submitting his thesis as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

6. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes

to submit a thesis. The Faculty of Agricultural Science, if it approve the subject of his research, may appoint a supervisor to guide the candidate in his work.

7. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

8. A candidate shall deposit a printed or typewritten copy of his thesis in the library of the University before he is admitted to the degree.

9. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall, on the recommendation of the Faculty of Agricultural Science, be admitted to the degree of Master of Agricultural Science.

10. The 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. The fee for admission to either the Ordinary degree or the Honours degree shall be £3/3/-.

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.

* Amended 8th December, 1949.

(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 the professors and lecturers, unless exempted by the Faculty of Engineering. Any such exemption shall hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

6. Except in case of illness or other sufficient cause allowed by the Council, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

7. No candidate shall be granted exemption from attendance at lectures or practical work in any subject, except upon grounds approved by the Council.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

* Amended 8th December, 1949.

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

† Amended 16th December, 1948.

(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.

Allowed 11th December, 1947.

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.

* Allowed 15th December, 1937.

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 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 2^2, 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 following new schedules for Mining Engineering and Metallurgical and Chemical Engineering have been approved by the Council, and are in course of replacing the old schedules for Mining and Metallurgy.

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

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
111	Chemistry I, Lectures	3	U.	5	5	0
	Practical	6	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

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
113	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.			
248N	Engineering Drawing I, Practical	4	S.M.	3	15	0
286	Workshop Practice I, Lectures	1^2	S.M. }	2	10	0
	Practical	3^2	S.M. }			
246	*First Aid	3^1		0	14	0
247	General Engineering	1^2	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
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3^2	U.	3	13	6
249N	Engineering Drawing II, Lectures	1^2	S.M.	2	10	0
	Practical	3^2	S.M.			
264N	Physical Metallurgy I, Lectures	1	S.M. }	6	0	0
	Practical	3	S.M. }			
276	Surveying I, Lectures	1	U.	1	11	6
	Practical	3	U.	3	3	0

THIRD YEAR

221N	Civil Engineering I, Lectures	2	U.	4	4	0
	Practical	6^1 3^2	U.	6	6	0
256N	Mechanical Engineering I, Lectures	2^2 3^1	U.	5	5	0
	Practical	6^1 3^2	U.	6	6	0
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3^1	U.	1	11	6
267N	Mining Engineering I, Lectures	2	U.	4	4	0
143	Geology II (B.E. Course), Lectures	2^2	U.	2	16	0
	Practical	6^2	U.	5	12	0
145	Mining Geology, Lectures	2^1	U.	2	2	0
	Practical	6^1	U.	3	3	0

FOURTH YEAR

268N	Mining Engineering II, Lectures	2	U.	4	4	0
	Practical	6	U.	5	5	0
261N	Process Engineering I, Lectures	2	U.	4	4	0
	Practical	6	U.	7	7	0
270N	Oredressing, Lectures	2^2	S.M.	3	0	0
	Practical	3^2	S.M.	3	0	0
203N	Assaying I, Lectures	1	S.M. }	10	10	0
	Practical	6	S.M. }			
273	Mine Surveying, Lectures	1	U.	1	11	6
	Practical	3	U.	3	3	0

VACATION WORK (Compulsory):

First Year: Long Vacation—Workshop Practice—of not less than 8 weeks.

Second Year: Long Vacation—Mining Surveying Camp—of 4 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

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
111	Chemistry I, Lectures	3	U.	5	5	0
	Practical	6	U.	7	7	0
85	Pure Mathematics IA, Lectures	3	U.			
	Tutorial	1	U.	5	5	0
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
114B	Practical	8	U.	10	10	0
89	Pure Mathematics IIA, Lectures	3	U.			
	Tutorial	1	U.	5	5	0
91	Applied Mathematics I, Lectures	3	U.			
	Tutorial	1	U.	5	5	0
248N	Engineering Drawing I, Practical	4	S.M.	3	15	0
286	Workshop Practice I, Lectures	1^2	S.M.			
	Practical	3^2	S.M.	2	10	0
246	°First Aid	3^1		0	14	0
247	General Engineering	1^2	U.			

° First Aid may be completed at any time before graduation.

SECOND YEAR

117a	Physical Chemistry III, Lectures	2^2	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
249N	Engineering Drawing II, Lectures	1^2	S.M.			
	Practical	3^2	S.M.	2	10	0
264N	Physical Metallurgy I, Lectures	1	S.M.			
	Practical	3	S.M.	6	0	0

THIRD YEAR

256N	Mechanical Engineering I, Lectures	2^2, 3^1	U.	5	5	0
	Practical	6^1, 3^2	U.	6	6	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3^2	U.	3	13	6
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3^1	U.	1	11	6
261N	Process Engineering I, Part A, Lectures	1	U.	2	2	0
	Practical	3	U.	3	13	6
	Part B, Lectures	1	U.	2	2	0
	Practical	3	U.	3	13	6
277	Surveying IA, Lectures	1	S.M.			
	Practical	3	S.M.	5	12	6

FOURTH YEAR

262N	Process Engineering II, Lectures	3	U.	5	5	0
	Practical	15	U.	13	13	0
270N	Oredressing, Lectures	2^2	U.	3	0	0
	Practical	3^2	U.	3	0	0
203N	Assaying I, Lectures	1	S.M.			
	Practical	6	S.M.	10	10	0
	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.

MINING (Old Schedules)

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
112	Inorganic Chemistry I, Lectures	2	U.	3	3	0
	Practical	3	U. or S.M.	5	5	0
248	Engineering Drawing and Design I	4	S.M.	3	15	0
85	Pure Mathematics IA, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
256	Mechanical Engineering I	2	S.M.	2	5	0
101	Physics I, Lectures	3	U.	5	5	0
	Practical	3	U.	4	4	0
276	Surveying I, Lectures	1	U.	1	11	6
	Practical	3	U.	3	3	0
281	Survey Camp			3	3	0
286	Workshop Practice I, Lectures	1[2]	S.M.	2	10	0
	Practical	3[2]	S.M.			
246	*First Aid	3[1]		0	14	0
247	General Engineering	1[2]	U.			

* First Aid, although included in the schedules of the first-year course, may be completed at any time before graduation.

SECOND YEAR

91	Applied Mathematics I, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
203	Assaying I	6[2]	S.M.	4	4	0
249	Engineering Drawing and Design II, Lectures	1	S.M.	3	15	0
	Practical	3	S.M.			
89	Pure Mathematics IIA, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
261	Metallurgy I	1	S.M.	2	5	0
267	Mining I	1	S.M.	2	5	0
103	†Physics II (B.E. Course), Lectures	2	U.	4	4	0
	Practical	3	U.	6	6	0

† A candidate who wishes to do so may substitute Inorganic Chemistry II (113 and 114B; total fee £14 14/-) for Physics II.

THIRD YEAR

141	Geology I, Lectures	2	U.	3	3	0
	Practical	3	U.	3	3	0
257	Mechanical Engineering II, Lectures	2	S.M.	3	3	0
	Practical	2[2]	S.M.	3	3	0
264	Metallography I, Lectures and Practical	3	S.M.	3	0	0
268	Mining II	2	S.M.	4	4	0
270	Oredressing, Lectures	1	S.M.	2	5	0
	Practical	3	S.M.	2	5	0
274	Strength of Materials, Lectures	2	U.	4	4	0
	Practical	3	U.	4	4	0
278	Surveying IIA, Lectures	1[2]	U.	1	11	6
	Practical	1	U.	1	11	6
272	Mining Trip					

FOURTH YEAR

226	Design of Structures I	3	U.	4	4	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3[2]	U.	3	13	6
143	Geology II, B.E. Course, Lectures	2[2]	U.	2	16	0
	Practical	4[2]	U.	5	12	0
145	Mining Geology, Lectures	2[1]	U.	2	2	0
	Practical	4[1]	U.	3	3	0
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3[1]	U.	1	11	6
262	Metallurgy II (Lectures only)	2	S.M.	3	0	0
269	Mining III, Lectures	2	S.M.	2	12	6
	Practical	3	S.M.	2	2	0
	Mining and Metallurgy Seminar	1	S.M.	1	1	0
272	Mining Trip					

METALLURGY (Old Schedules)

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
111	Chemistry I, Lectures	3	U.	5	5	0
	Practical	6	U. or S.M.	7	7	0
248	Engineering Drawing and Design I	4	S.M.	3	15	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
276	Surveying I, Lectures	1	U.	1	11	6
	Practical	3	U.	3	3	0
281	Survey Camp			3	3	0
286	Workshop Practice I, Lectures	1[2]	S.M.	2	10	0
	Practical	3[2]	S.M.			
246	°First Aid	3[1]		0	14	0
247	General Engineering	1[2]	U.			

° First Aid, although included in the schedules of the first-year course, may be completed at any time before graduation.

SECOND YEAR

91	Applied Mathematics I, Lectures	3	U.	5	5	0
	Tutorial	3	U.			
113	Inorganic Chemistry II, Lectures	2	U.	4	4	0
114B	Practical	8	U. or S.M.	10	10	0
89	Pure Mathematics IIA, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
256	Mechanical Engineering I	2	S.M.	2	5	0
261	Metallurgy I	1	S.M.	2	5	0
249	Engineering Drawing and Design II, Lectures	1	S.M.	1	2	6
	Practical	3	S.M.	1	17	6
267	Mining I	1	S.M.	2	5	0

THIRD YEAR

203	Assaying I	6[2]	S.M.	4	4	0
141	Geology I, Lectures	2	U.	3	3	0
	Practical	3	U.	3	3	0
245	Industrial Engineering	2	U.	4	4	0
264	Metallography I, Lectures and Practical	3	S.M.	3	0	0
262	Metallurgy II, Lectures	2	S.M.	3	0	0
	Practical	3[2]	S.M.	1	10	0
270	Oredressing, Lectures	1	S.M.	2	5	0
	Practical	3	S.M.	2	5	0
274	Strength of Materials, Lectures	2	U.	4	4	0
	Practical	3	U.	4	4	0
272	Metallurgy Trip					

FOURTH YEAR

204	Assaying II	8	S.M.	10	10	0
226	Design of Structures I	3	U.	4	4	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3[2]	U.	3	13	6
265	Metallography II, Parts A, B and C, Lectures and Practical	9	S.M.	9	0	0
263	Metallurgy III, Lectures	2	S.M.	3	15	0
	Practical	3[2]	S.M.	2	5	0
	Mining and Metallurgy Seminar	1	S.M.	1	1	0
117A	Physical Chemistry III (Lectures only)	2[2]	U.	3	10	0
272	Metallurgy Trip					

CIVIL, ELECTRICAL AND MECHANICAL ENGINEERING

FIRST YEAR

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
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
248N	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	1^2	S.M.	2	10	0
	Practical	3^2	S.M.			
246	†First Aid	3^1		0	14	0
247	General Engineering	1^2	U.			

† First Aid, although included in the schedules for the first-year course, may be completed at any time before graduation.

SECOND YEAR

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
249N	Engineering Drawing II, Lectures	1^2	S.M.	2	10	0
	Practical	3^2	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

221N	Civil Engineering I, Lectures	2	U.	4	4	0
	Practical	6^1 3^2	U.	6	6	0
256N	Mechanical Engineering I, Lectures	2^2 3^1	U.	5	5	0
	Practical	6^1 3^2	U.	6	6	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3^2	U.	3	13	6
242N	Electronic Engineering IA, Lectures	1	U.	1	11	6
	Practical	3^1	U.	1	11	6
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3^1	U.	1	11	6
287	Workshop Practice II, Lectures	1	S.M.	5	12	6
	Practical	3	S.M.			

ELECTRICAL ENGINEERING

221N	Civil Engineering I, Lectures	2	U.	4	4	0
	Practical	6^1, 3^2	U.	6	6	0
256N	Mechanical Engineering I, Lectures	2^2 3^1	U.	5	5	0
	Practical	6^1, 3^2	U.	6	6	0
241N	Electrical Engineering I, Lectures	2	U.	3	13	6
	Practical	3^2	U.	3	13	6
242N	Electronic Engineering IA, Lectures	1	U.	1	11	6
	Practical	3^1	U.	1	11	6
242N	Electronic Engineering IB, Lectures	1	U.	1	11	6
	Practical	3^2	U.	2	12	6
287	Workshop Practice II, Lectures	1	S.M.	5	12	6
	Practical	3	S.M.			

FOURTH YEAR

CIVIL ENGINEERING

Subject No. in Syllabus	Subject	Hours a week	Place of Lecture	Fee £.	s.	d.
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	8	U.	4	4	0
245	Industrial Engineering, Lectures	2	U.	4	4	0
141	Geology I, Lectures	2	U.	3	3	0
	Practical	3	U.	3	3	0
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

242N	Electrical Engineering II, Part A, Lectures	4	U.	6	6	0
	Practical	6-9	U.	8	8	0
	Part B, Lectures	4	U.	6	6	0
	Practical	6-9	U.	8	8	0
	Seminar	2	U.	2	2	0
224N	Hydraulics, Lectures	1	U.	2	12	6
	Practical	3^1	U.	1	11	6
245	Industrial Engineering, Lectures	2	U.	4	4	0

MECHANICAL ENGINEERING

257N	Mechanical Engineering II—					
	Part A, Thermodynamics, Lectures	4^1, 2^1	U.	4	4	0
	Practical	3	U.	6	16	6
	Fluid Mechanics, Lectures	1	U.	3	3	0
	Practical	3^1	U.	1	11	6
	Part B, Theory of Machines II, Lectures	2^1 1^2	U.	3	3	0
	Practical	3^2	U.	3	3	0
	Machine Design II, Lectures	2^2	U.	3	3	0
	Practical	6	U.	6	6	0
245	Industrial Engineering, Lectures	2	U.	4	4	0

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	1^2	U.		—	

SECOND YEAR

91*	Applied Mathematics I, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
141*	Geology I, Lectures	2	U.	3	3	0
	Practical	3	U.	3	3	0
89*	Pure Mathematics IIA, Lectures	3	U.	5	5	0
	Tutorial	1	U.			
220	Building Construction and Drawing II, Lectures	1^2	S.M.	4	10	0
	Practical	2	S.M.			
239	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.			
237N	Geometrical Projection and Rendering	4	S.M.	4	10	0

THIRD YEAR

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £	s.	d.
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[1]		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[1] 3[2]	U.	6	6	0
277	Surveying IA, Lectures	1	S.M.	5	12	6
	Practical	3	S.M.			

FIFTH YEAR

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £	s.	d.
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
*(4) Fee for each additional examination required for the Honours degree of Bachelor of Laws -	3	3	0

* Allowed 10th December, 1930.
‡ Allowed 5th December, 1935.
** Allowed 11th December, 1947.
§ Allowed 3rd January, 1907.
¶ Allowed 10th December, 1936.
† Allowed 2nd December, 1926.

(5) Fee for the Final Certificate - - - - -	5	5	0
*(6) Fee for either the Ordinary or the Honours degree of Bachelor of Laws - - - - - -	7	7	0
¶(6a) Fee for the Ordinary degree if the Final Certificate has already been taken out - -	3	3	0
*(7) Fee for the Honours degree if the Ordinary degree has already been conferred - - - -	3	3	0

* Allowed 10th December, 1930. ¶ Allowed 10th December, 1936.

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[1] of his intention to present himself before the Board of Examiners[2], and

(d) has attended personally before the Board of Examiners[2].

6. Within three months after the execution of his articles the articled clerk shall—

(a) file the articles;

[1]The Law Society of South Australia, Incorporated.
[2]The Board of Examiners of the Supreme Court of South Australia.

(b) file an affidavit verifying the execution and date of the articles;

(c) produce to the Master[3] 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[1] of the execution of the articles.

7. Within one month of the execution of any assignment of any articles the articled 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[1] of the execution of the assignment.

8. (1) Every articled clerk shall during the full term of his articles be employed under the personal supervision of—

(a) the practitioner to whom he is articled; 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 articled.

(2) The assistant Crown Solicitor shall for the purpose of this rule be deemed to be a partner of the Crown Solicitor.

9. (a) No articled clerk shall during the period of his articles pursue any occupation or business other than the proper business of a practitioner.

(b) A clerk articled to the Crown Solicitor shall not be deemed to pursue any such occupation or business by reason merely of the fact that he is a public servant.

Persons Eligible for Admission.

10. A person who has attained the age of twenty-one years, and is either a natural born or naturalised British subject, may apply to be admitted as a practitioner if such person is—

(a) a member of the bar of England, of the Irish Free State, or of Northern Ireland;

(b) a Scottish advocate;

(c) a solicitor of the United Kingdom;

(d) a barrister or a solicitor of a reciprocating part of the British Dominions;

(e) a clerk who has served the prescribed period of articles and has also passed the law examinations prescribed by these rules.

Law Examinations.

11. No person other than those mentioned in subparagraphs (a), (b), (c) and (d) of the last preceding rule (who are in these rules called "applicants previously admitted elsewhere") shall be admitted until he has satisfied the Board of Examiners[2] that—

[1] The Law Society of South Australia, Incorporated.

[2] The Board of Examiners of the Supreme Court of South Australia.

[3] The Master of the Supreme Court of South Australia.

(a) he has taken, or has passed the examinations entitling him to take, the degree of Bachelor of Laws in the University of Adelaide; or

(b) has at examinations at the University of Adelaide obtained the final certificate in law certifying that he has passed in—

i. elements of law and legal and constitutional history;
ii. the law of contracts;
iii. the law of wrongs (civil and criminal);
iv. the law of property (real and personal);
v. the law of equity and conveyancing;
vi. mercantile law;
vii. the law relating to companies, partnership, bankruptcy, and divorce;
viii. the law of evidence and procedure; and
ix. constitutional law; and

(c) in either case (a) or (b) that he has produced to the Faculty of Law at the University of Adelaide a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of legal ethics.

PERIOD OF ARTICLES.

12. A clerk who has obtained a degree of Bachelor of Laws at the University of Adelaide, or the final certificate in law, and who has served the whole period of his articles in the State, may be admitted after four years' service as an articled clerk: Provided that three years' service shall suffice if the clerk satisfies the Board of Examiners[2] that—

(a) before being articled he had passed in at least two subjects prescribed for the degree of Bachelor of Laws in the University of Adelaide in addition to the Intermediate Examination in Law; and

(b) he had, before his application for admission is considered by the Board[2], 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[2] that he has obtained at the University of Adelaide either the degree of Bachelor of Laws or the final certificate in Law, and has served five years under articles—

(a) to a solicitor of the United Kingdom or of a recognised part of the British Dominions; or

(b) partly to such a solicitor and partly to a practitioner of the Supreme Court of the State.

14. Any period during which a clerk has been or has acted as associate to a Judge of the Supreme Court of the State, shall be deemed to be a period served as an articled clerk to a practitioner.

[2] The Board of Examiners of the Supreme Court of South Australia.

OF THE DEGREE OF MASTER OF LAWS REGULATIONS

1. No candidate shall be admitted to the degree of Master of Laws until the expiration of two academic years from the date of his admission to the degree of Bachelor of Laws in this or in some other University recognised by this University.

*1a. A graduate of another University recognised by this University, whose qualifications are considered by the Faculty of Law to be equivalent to those of the degree of Bachelor of Laws, may after the expiration of two years from the date of his admission to such degree be allowed by the Council, subject to any special conditions it may impose, to proceed to the degree of Master of Laws in compliance with these regulations.

2. Candidates for the degree of Master of Laws must have qualified for the Honours degree of Bachelor of Laws or must pass an examination approved by the Faculty of Law.

3. Every candidate shall present a thesis on a subject approved by the Faculty of Law, and shall adduce sufficient evidence that the thesis is his own work.

4. If a thesis submitted by a Bachelor of Laws for the degree of Doctor of Laws be considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not sufficiently meritorious to qualify for the degree of Doctor of Laws, but satisfactory for the degree of Master of Laws, the degree of Master of Laws may be conferred upon the candidate, provided that the candidate is in other respects qualified to submit himself for this degree.

5. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

6. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Master of Laws.

7. The following fees shall be payable in advance:

On presentation of thesis	£5	5	0
On entry for examination, if required	5	5	0
On admission to the degree	5	5	0

* Allowed 7th December, 1939. Allowed 10th December, 1930.

OF THE DEGREE OF DOCTOR OF LAWS REGULATIONS

*1. A Bachelor or Master of Laws may proceed to the degree of Doctor of Laws by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fourth academic year from his admission to the degree of Bachelor of Laws.

2. Every candidate shall present an original thesis of sufficient merit exhibiting powers of original research on some branch or sub-

* Allowed 10th December, 1930.

ject of law proposed by him and approved by the Faculty of Law. He must satisfy the examiners by such proof as they shall require that the thesis is his own composition.

3. The examiners may, if they think fit, examine the candidate either orally or by written questions in the subject matter of his thesis.

4. A printed or typewritten copy of any thesis approved by the examiners shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

5. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Doctor of Laws.

*6. The following fees shall be paid in advance:

On submission of the thesis for examination	£21 0 0
On admission to the degree	5 5 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 (344);
(d) Public Health and Preventive Medicine, and Forensic Medicine (343).

‡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 and degree fees, 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. ‡ 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, a diagnostic set including an 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.

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 in the presence of the Pathologist, carry out any post-mortem examination required of him (a record of the examinations made by him will be kept in the attendance-book at the mortuary);
(h) if present at a post-mortem examination, sign his name in the attendance-book, which will be countersigned by the Pathologist.

(i) at the end of each term, if he has fulfilled these conditions, obtain certificates signed by his Honorary Officers, and at the end of the year by the Medical Superintendent, and countersigned by the Chairman of the Board; if the conditions have not been fulfilled the Dean of the Faculty of Medicine shall be informed.

Resident Dressers for Casualty Duties.

8. The group of dressers allotted to the Honorary Surgeons shall, during the period the surgeon is taking in cases, be appointed to the following Hospital duties:—

9. Two such dressers shall be permitted to reside in the Hospital and be on duty from 5 p.m. to 9 a.m.

10. There shall be two dressers of the group on casualty duty each day from 9 a.m. to 1 p.m., and two from 1 p.m. to 5 p.m.

11. Each dresser during his term of Hospital duties shall be under the supervision of the Admitting Medical Officer, and shall not administer any treatment except when directed by him.

12. Dressers when performing casualty duties shall—

(a) assist the Admitting Medical Officer in the Casualty Room;
(b) examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;
(c) attend or assist at emergency operations, as directed by the Medical Superintendent;
(d) write, at the dictation of the Admitting Medical Officer, a summary of investigation and emergency treatment carried out, and submit such to the Resident Medical Officer to whom the patient is assigned.

13. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.

14. }
15. } Suspended.
16. }

17. Every medical student shall pay to the Hospital such fees for admission to the practice of the Royal Adelaide Hospital as may be determined by the Board from time to time.

The fees to be paid are as follows:

For instruction in practical pharmacy, £2 2/-.

For clinical instruction by the Honorary Staff, including medical clerkships and surgical dresserships:—

1. For the medical and surgical practice of the Hospital for each student during his fourth or fifth year, £5 5/- a year.
2. For both medical and surgical practice and practice in special subjects (as in the sixth year), £10 10/- a year.
3. For instruction in the post-mortem room, £2 2/- each year for two years.
4. For instruction in the administration of anaesthetics, £3 3/-.

The above fees are to be paid to the University.

The following fees are to be paid to the Secretary of the Hospital:—

1. An entrance fee when commencing the clinical practice of the Hospital, £5 5/-.
2. For instruction in dentistry, £2 2/-.

The following fees are to be paid for material supplied by the Institute of Medical and Veterinary Science:—

1. For material in bacteriology, £1 1/-.
2. For material in practical pathology, £2 2/-.

Approved by the Council, 1925 and 1933.

INSTITUTE OF MEDICAL AND VETERINARY SCIENCE
RULES FOR MEDICAL STUDENTS

1. The Adelaide Medical Students' Society shall early in each academic year appoint a Committee which shall be responsible for the care of any property at the Institute of Medical and Veterinary Science used by medical students. One of the members of the Committee shall be appointed secretary of the Committee. The members of the Committee shall hold office until their successors are appointed.

2. The names of the members of the Committee shall be forwarded annually by the secretary of the Committee to the Registrar of the University and the Secretary of the Institute.

3. In the event of damage being caused by students to the grounds or property of the Institute, the Secretary of the Institute shall at once report the fact to the Secretary of the Committee.

4. The members of the Committee shall consider any report given under paragraph 3 and if satisfied that the damage reported has been caused by students shall hold themselves responsible to make good the damage to the satisfaction of the Director of the Institute.

5. If the members of the Committee are not satisfied that the damage has been caused by students they shall inform the Secretary of the Institute and report at once to the Registrar of the University in order that he may arrange a conference between them and representatives of the Council of the Institute. If no understanding is then reached a joint letter from the conference shall be sent to the Board of Discipline.

6. No student may introduce visitors into the Institute without the permission of the Director of the Institute.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ADELAIDE CHILDREN'S HOSPITAL

Medical students of the University are admitted to the practice of the Adelaide Children's Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that the Board of Management may make from time to time:—

1. Students may attend the practice of the Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon, and at other times if they have obtained the permission of one of the Visiting or Resident Medical Officers.

They shall carry out their duties in the wards and outpatients' department in a manner similar to that indicated in the rules for the Royal Adelaide Hospital.

2. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.

3. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.

4. The fees to be paid are as 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 Committe 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.

B. Fee for admission to the Ordinary degree or the Honours degree of Bachelor of Medical Science, £5/5/-.

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 0

* 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. Elements of Metallurgical Chemistry (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. Prosthetic Dentistry (415).

†12. At the Third Examination the student shall satisfy the examiners in each of the following subjects:—

* Allowed 12th December, 1929. § Amended 16th December, 1948.
† Amended 16th December, 1948. ‡ 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 (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.

§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 Dentisty 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 the fee for the degree of Bachelor of Dental Surgery 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, and 14th December, 1950.

§ Amended 16th December, 1948.

* Allowed 7th December, 1930. Allowed 7th December, 1927.

(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) Elements of Metallurgical Chemistry.

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) Prosthetic Dentistry; and shall attend at the Department of Dentistry of the Royal Adelaide Hospital:—(f) the practical demonstrations on Prosthetic Dentistry, (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 Pathohistology, (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; and shall attend at the Royal Adelaide Hospital; (l) the course of clinical instruction on surgical and medical practice; and at the Department of Dentistry; (m) the courses of demonstrations and laboratory work on Prosthetic Dentistry, Crown and Bridge work, Orthodontic Technics, and on the administration of Local Anaesthetics, (n) 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 practcial 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*

eundem gradum in the University of Adelaide, the period of four years shall be reckoned from the date of his first graduation in Dentistry.

2. Except in special cases approved by the Council only persons who have been admitted to the degree of Master of Dental Surgery may become candidates for the degree of Doctor of Dental Science.

3. To qualify for the degree a candidate shall submit a satisfactory thesis embodying the results of original research or investigation by the candidate on a subject approved by the Faculty of Dentistry. The thesis may be written specially for the degree, or may be an already published work, or may be a series of papers. It shall not be a compilation from books, nor a mere compendium of cases, nor merely observational. The candidate shall indicate in a preface or in a separate statement wherein he considers that it advances dental knowledge or practice, and shall furnish a history of the progress of dental knowledge in the subject of the thesis. A candidate may be required to undergo examination in the subject matter of, or in subjects cognate to, his thesis.

4. The degree shall not be awarded unless in the opinion of the examiners the thesis makes an original and substantial contribution to knowledge in some branch of Dental Science.

5. A candidate shall forward to the Registrar not later than the first day of July in the year in which he desires to be admitted to the degree three printed or typewritten copies of his thesis.

6. On receipt of the reports of the examiners appointed to adjudicate upon the thesis the Faculty of Dentistry will recommend whether the degree be granted or withheld or delayed.

7. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidiate 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
1. Chief Practical Study III
2. Second Practical Study III
3. History of Music II
4. Modern Languages III
5. Harmony III
6. Speech Training III
7. Sight Reading and Aural Training III

OR (b) Operatic Singing
1. Chief Practical Study III
2. Drama III
3. History of Music II
4. Modern Languages III
5. Harmony III
6. Speech Training III
7. 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

¶5. A candidate for the Diploma in Public Administration shall attend courses of lectures and pass examinations in the following subjects:

1. Economics (486),
2. Statistics I (487),
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 (44); 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 (44).

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.

* Allowed 14th December, 1950. 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.

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.

† Allowed 23rd January, 1947. ‡ Allowed 11th December, 1947.
* Allowed 10th December, 1936.

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 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 qualications, 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, provided that a candidate who is a graduate may by permission of the Council complete the course in one year.

* Amended 9th December, 1943, and 8th December, 1949.

† Allowed 8th December, 1949.

4. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work which he has done elsewhere, be counted *pro tanto* for the Diploma in Social Science may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

5. A candidate who entered upon the course for the Diploma awarded by the South Australian Board of Social Study and Training may be granted such status as the Council shall determine in the course for the Diploma provided for in these regulations.

6. Schedules defining the subjects of study and the fees shall be drawn up from time to time, and when approved by the Council shall be published as early as possible in each year.

*7. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

* Allowed 11th December, 1947. Allowed 22nd April, 1942.

Schedules of Subjects and Fees made by the Council.

I. The subjects prescribed under section (a) of Regulation 3 are:

Economics I *or* Social Economics;
Psychology;
Social Biology;
Economic History, *or* Political Science, *or* Social History;
Principles and Practice of Social Work I and II;
Social Psychology;
Sociology (including Study of Society and Social Philosophy);
Human Nutrition.

II. The fees payable are:

For Social History	£3	3	0
For Social Organisation	3	3	0
For Human Nutrition	2	2	0
For the Principles and Practice of Social Work I and II. Each part	6	6	0
For 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 English, Physics, either Chemistry or Physiology, and one other subject at the Leaving Examination;

(c) present a medical certificate approved by the Council.

† Allowed 11th December, 1947.

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 examniations to be passed and the fees to be paid by candidates shall be drawn up by the Board of Studies in Physiotherapy and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

5. A candidate who entered upon the course for the Diploma awarded by the Australian Physiotherapy Association may be granted such status as the Council shall determine in the course for the Diploma provided for in these regulations.

6. At the First Examination the candidate shall satisfy the examiners in each of the following subjects:

(1) Anatomy I (including Histology) (571).
(2) Physiology (572).
(3) Physics (including the Physics of Medical Electricity) (573).
(4) Theory of Massage and Manipulation (574).
*(5) Social Psychology (576).

*7. At the Second Examination the candidate shall satisfy the examiners in each of the following subjects:

(1) Anatomy II (including Histology) (581).
‡(2) Theory of Treatments and Practice of Massage (582).
(3) Theory of Movement (583).
(4) Theory of Medical Electricity (584).
(5) Pathology (585).

8. At the Third Examination the candidate shall satisfy the examiners in each of the following subjects:

(1) Practice of Massage (592).
(2) Practice of Remedial Exercises (592).
(3) Practice of Medical Electricity (584).
(4) Theory and Practice of Muscle Re-education (591).
‡(5) Theory and Practice of Specialised Treatments (593).

9. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work 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.

* Allowed 10th January, 1946. ‡ Allowed 8th December, 1949.

10. A candidate who fails to present himself for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

11. A candidate who fulfils the conditions shall be awarded the Diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

Allowed 9th August, 1945.

Schedule of Fees made under Regulation 4.

A. The fee for each year's work, including one annual examination, shall be £35.

B. A candidate who repeats the work, or takes again the annual examination, of any year, or does both, shall pay half the fee prescribed.

C. The fee for a supplementary examination in any subject shall be £3/3/-.

D. The fee for the diploma shall be £2/2/-.

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital Practice.

OF THE DEGREE OF DOCTOR OF PHILOSOPHY

REGULATIONS

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	0
(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.

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	15	15	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

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:

1. For subjects from the course for the degree of Bachelor of Arts—the fees prescribed in the Schedule for that degree.

2. For subjects from the courses for the diplomas in Commerce and Public Administration—the fees prescribed in the Schedule for those diplomas.	
3. For Statistics II and Actuarial Mathematics	£5 5 0
B. For the honours work in Economics	10 10 0
C. For the final honours examination	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 IIIB	each	£5 5 0	
Applied Mathematics I and II	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.	Stastical 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 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 436 to 443 and in the rules made by the Council and published on page 436.

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 £3/3/-.

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	7	7	0
9. For admission to the Ordinary degree if the Final Certificate has already been taken out	3	3	0
10. For admission to the Honours degree if the Ordinary degree has already been conferred	3	3	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 and admission to the degrees, 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.

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 the fee for admission to the degree of Bachelor of Dental Surgery and all fees payable to the General Hospital and the Dental Department.

The fee for a supplementary examination in any subject is three 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

One-half of the fee prescribed for any course in Section A is paid by a student who is exempted from lectures, and by one who attends lectures or examination, or both, a second time.

XXIX. Diploma in Pharmacy.

The fee for each year's course is paid to the Pharmaceutical Society of South Australia.

The fee for the diploma is £2/2/-.

XXX. Diploma in Physical Education.

1. The fee for the medical and physical examinations is £2/2/-.

2. The fee for the subjects included under Regulation 3 (b) is £42, payable in two annual instalments.

3. Undergraduates may be admitted to the course of lectures in any theoretical subject without payment of fees, and a limited number to practical work on conditions prescribed by the Council.

4. The fee for subjects taken separately is:

First-Year Course

Human Biology	£5	5	0
Hygiene	3	3	0
Body Mechanics	3	3	0
First Aid	1	1	0
Practice of Physical Education	3	3	0
History of Education	3	3	0
Practical Work, Part I	10	10	0

Second-Year Course

Human Physiology	5	5	0
Human Nutrition	2	2	0
Clinical Observation and Remedial Work	2	2	0
Principles of Physical Education	2	2	0
Physical Psychology	2	2	0
Practical Work, Part II	10	10	0

5. The fee for each section of either part of the Practical Work is £2/2/-.

6. The fee for the course in Practical Teaching is £3/3/-.

7. The fee for the Diploma is £2/2/-.

8. One-half of the fee prescribed for any course is paid by a student who is exempted from attendance at lectures or practical work, and by one who attends classes or takes examination or does both a second time.

XXXI. Diploma in Social Science.

The fees payable are:

For Social History	£3	3	0
For Social Organisation	3	3	0
For Human Nutrition	2	2	0
For the Principles and Practice of Social Work I and II, each part	6	6	0
For 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.

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
3 dozen slides, 3 in. by 1 in.
½-oz. cover-glasses
} One box of each amongst several students is sufficient.
3 scalpels (large and small)
2 forceps (broad and fine pointed)
2 scissors (large and small)
1 needle (in handle)
1 blunt-pointed seeker.

Microscopes.—Medical students are required to supply their own instruments (see first-year schedule for degrees of M.B. and B.S.); other students may use microscopes provided by the University on payment of a fee of £1 11s. 6d.† a term. Every student taking the courses of Zoology and Physiology is strongly advised, however, to purchase at the beginning of his course a microscope of approved pattern for himself, as it is a great advantage for him to become familiar with his own instrument.

Each student will also provide himself with:—

1 duster
1 soft silk handkerchief
lead-pencils
quarto size loose-leaf folder
quarto size drawing paper

No ink is allowed.

5. Paper and scraps or refuse of any kind must be thrown not into the sinks, but into the receptacles provided for the purpose.

6. The larger and more expensive pieces of apparatus will be supplied for the general use of students by the University on the condition that all breakages are to be made good by the students using or breaking them, on such basis as the Professor may determine.

7. All preparations made from materials supplied by the University shall be its property.

8. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

9. For original research carried on by students or graduates, with the consent and under the direction of the Professor, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

* Revised by Council, July, 1948. † Approved by Council, February, 1945.

10. The Professor may exclude any student from the Zoology Laboratory for any cause he shall think sufficient. Every such exclusion, and the grounds for it, must be reported by the Professor to the Council at its next meeting. The Council may affirm or cancel the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

11. Fines, not exceeding 2s. 6d. in each case, may be imposed for the waste or misuse of gas, water, apparatus, or material in the Laboratory.

Made by Council, June, 1911.

RULES OF THE CHEMICAL LABORATORY

Note.—These rules apply also to the Chemical Laboratories at the Waite Agricultural Research Institute.

1. The Chemical Laboratory shall be open during term time each week-day from 9 a.m. till 5 p.m.; Saturdays, 9 a.m. till 12 noon. Persons engaged in advanced work or original research may work at such additional times as the Professor may arrange.

2. No student will be admitted to a course in Practical Chemistry if the Professor is not satisfied that he possesses sufficient theoretical knowledge to enable him to take advantage of the course.

3. Each student will be provided by the University with a working bench with the necessary fittings, a set of reagents and apparatus required for the ordinary courses. At the end of the practical class each day students must put away all apparatus other than that fixed up for an experiment which has not been completed, and must leave their benches clean. Reagent bottles which require filling must be placed on the top of the bench reagent shelf.

4. Students in Chemistry must, at the beginning of the session, pay a deposit of £2.* Against this deposit will be charged the cost of apparatus broken, and incidental expenses such as glass, filter paper, platinum wire, and sundries. If at any time the amount of deposit has been exceeded, an additional deposit fee will be called for, and must be paid forthwith. Any credit balance will be refunded at the end of the course.

5. The larger and more expensive pieces of apparatus will be supplied on loan by the storekeeper, and must be signed for by the student. Such apparatus must be returned in a clean condition, or otherwise it will be charged for.

6. All preparations made from materials supplied by the University shall be its property.

7. No experiments of a dangerous nature may be performed without the express sanction of the Professor.

8. The Laboratory will be open gratis to students or graduates engaged in research work under the direction of the Professor, except as regards such payment for material and special attendances as the Professor may determine.

* Approved by the Council, 1930.

9. The Professor may exclude any student from the Laboratory for any cause he shall think sufficient. Such exclusion shall be reported to the Council, which may affirm or cancel the exclusion, and determine whether the fees paid by the student shall be refunded.

10. Strict economy must be observed in the use of gas, water, and other materials in the Laboratory. Fines, not exceeding 2s. 6d. in each case, may be imposed for waste or misuse, or for any breach of the Laboratory Rules.

11. The fees for students not attending a regular University course are as follows:—

For 5 days in the week, £4 5s. a month, or £10 a term.
For 4 days in the week, £3 6s. 8d. a month, or £8 a term.
For 3 days in the week, £2 10s. a month, or £6 a term.
For 2 days in the week, £2 a month, or £4 a term.
For 1 day in the week, £1 a month, or £2 a term.

Made by Council, 1928.

RULES OF THE PHYSICS LABORATORY

1. The Physics Laboratory shall be open daily during term time (Saturdays excepted) at such hours as shall be considered necessary by the Professor of Physics, subject to approval by the Council.

2. Instruction will be given in Practical Physics; but no student will be admitted to laboratory work unless he shall have shown to the satisfaction of the Professor of Physics that he possesses sufficient theoretical knowledge to enable him to carry on his work intelligently.

3. Apparatus will be supplied by the University for the general use of students on the condition that breakages and damages be made good.

4. For original research, carried on by students or graduates with the consent and under the direction of the Professor of Physics, the Laboratory will be open gratis, except as regards such payment for material and special attendance as may be considered necessary by the Professor.

5. The Professor of Physics may exclude from the Physics Laboratory any student for any cause satisfactory to the Professor; every such exclusion, and the grounds for it, to be reported by the Professor to the Council at its next meeting, and in case of any student being so excluded the fees paid by him will not be refunded.

Made by Council, June 30, 1899.

LABORATORY TESTING

The Physics Department is well equipped for the work of standardizing measures, gauges, etc.; of calibrating electrical instruments, pyrometers, or other measuring instruments; and of testing the mechanical, electrical, or magnetic properties of samples of material.

The Engineering Testing Laboratory is prepared to undertake all the usual physical tests on engineering materials, such as tests for the tensile, torsional, compressive, and shearing strengths of metals; determination of elastic constants, hardness, and elastic limit; the measurement of the transverse and compressive strengths of timbers, and the determination of the moisture content; tests for cement, and the examination of the suitability of different aggregates for concrete, and tests on the strength and porosity of concrete and other materials.

RULES OF THE 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 to 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.

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. The fee for any subject of a year's work taken separately shall be - - - - - - - - - £4 4 0

G. 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, Canon, and Fugue, } up to five parts;

(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 (482),
2. Accountancy II (483),
3. Commercial Law I (484);
4. Commercial Law II (485),
5. Economics I (486),
6. Statistics I (487),

and in two of the following:—

1. Accountancy III (490),
2. Commercial Law III (491),
3. Economic History (44),
4. Economics II (52),
5. Economics III (53),
6. Pure Mathematics I (86),
7. Statistics II and Actuarial Mathematics (57).

* Allowed 16th December, 1948. † Allowed 11th December, 1947.

CALENDAR OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1951

PART V

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SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA COURSES FOR 1951

Students are expected to procure the latest edition of all text-books prescribed.

CLASSICS

The editions of Greek and Latin texts mentioned below are not prescribed, but are indicated as suitable for the use of students.

GREEK

There are three courses in Greek for the ordinary degree of Bachelor of Arts: they are designated Greek I, Greek II, and Greek III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Greek I until he has passed in Greek at the Leaving Examination, or the course in Greek II until he has passed the final examination in Greek I, or the course in Greek III until he has passed the final examination in Greek II.

Every student taking a course in Greek should have available a good Greek-English lexicon and a good Greek grammar.

The subjects of examination are as follows:

1. Greek I.

(a) Translation from English into Greek.

(b) Translation from Greek into English.

(c) Books specially set for 1951:

Demosthenes, *Philippic I and Olynthiacs I-III* (ed. J. E. Sandys, Macmillan).
Homer, *Odyssey, Books XXI-XXII* (ed. W. B. Stanford, Macmillan).
Aeschylus, *Persae* (ed. A. Sidgwick, O.U.P.).

(d) Questions on grammar and the subject-matter of the books set, with special reference to the lectures given.

2. Greek II.

Same course as Greek I, but in addition are prescribed for 1951:

Aristophanes, *Frogs* (ed. W. C. Green, C.U.P.).
Aristotle, *Poetics* (ed. I. Bywater, Oxford Classical Texts).

3. Greek III.

(a) Translation from English into Greek.

(b) Translation from Greek into English.

(c) Books specially set for 1951:

The Homeric Hymns.
Pindar, *Pythian Odes.*
Herodotus, *Book VI.*
Lysias, *Selected Speeches.*
Aristotle, *Poetics.*

(d) Greek history to the death of Demosthenes.

Candidates will be required also to write historical comments on passages selected from the books included in (c).

LATIN

There are three courses in Latin for the ordinary degree of Bachelor of Arts; they are designated Latin I, Latin II, and Latin III. Except with special permission to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Latin I until he has passed in Latin at the Leaving Examination, or the course in Latin II until he has passed the final examination in Latin I, or the course in Latin III until he has passed the final examination in Latin II.

Every student taking a course in Latin should have available a good Latin-English lexicon and a good Latin grammar.

The subjects of examination are as follows:

5. Latin I.

(a) Translation from English into Latin.

(b) Translation from Latin into English.

(c) Books specially set for 1951:
Cicero, *Pro Milone* (ed. J. S. Reid, C.U.P.).
Vergil, *Aeneid, Book XII* (in Vergil, *Aeneid, Books VII-XII*, ed. Page, T. E., Macmillan. Students will require a text of *Aeneid VII-XII*).
Horace, *Odes, Book II* (ed. J. Gow, C.U.P.).

(d) Questions on grammar and the subject-matter of the books set, with special reference to the lectures given.

6. Latin II.

(a) Translation from English into Latin.
(Hardie, W. R., *Latin Prose Composition* (Arnold) will be used.)

(b) Translation from Latin into English.

(c) Books specially set for 1951:
Lucretius, *Book V* (ed. J. D. Duff, C.U.P.).
Cicero, *de Oratore, Book II* (ed. A. S. Wilkins, Oxford Classical Texts).
Horace, *Epistles, Books I-II*, and *Art of Poetry* (ed. A. S. Wilkins, Macmillan).
Tacitus, *Agricola* and *Germania* (ed. J. H. Sleeman, C.U.P.).

(d) Questions will be asked on the history of Roman literature.

7. Latin III.

(a) Translation from English into Latin.

(b) Translation from Latin into English.

(c) Books specially set for 1951:
As for Latin II, together with Vergil, *Aeneid, Books I-III*.

(d) Roman history to the death of Trajan. In addition to a general account of the subject (e.g., Pelham, H. F., *Outlines of Roman History*, Rivingtons, or Cary, M., *A History of Rome down to the Reign of Constantine*, Macmillan). Candidates will be required also to write historical comments on passages selected from the books included in (c).

9. Comparative Philology.

No student should attempt this course before completing either Greek I or Latin I or French I or German I.

The course consists of about 60 lectures, including 18 lectures on elementary Greek and 9 lectures on general phonetics. This course deals mainly with the Indo-European language group; but it is designed also to serve as a general introduction to linguistic study suitable, e.g., for those who may subsequently have an opportunity of investigating some of the undescribed native languages of Australasia or Oceania.

Text-books:

For Elementary Greek:
Thompson, J., *Elementary Greek Grammar* (Accidence and Syntax) (John Murray).
Worth, J. G., *Pallas Athene* (C.U.P.).

For Comparative Philology:
Firth, J. R., *Speech* (Benn's Sixpenny Library).
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 1951:
(i) Greek History, to 494 B.C.
(ii) Roman History, 264-146 B.C.
(iii) The Stoics and the Sceptics.

For 1952:
(i) Greek History, 494-431 B.C.
(ii) Roman History, 146-78 B.C.
(iii) The Pre-Socratics.

Books specially set for 1951:
Homer, *Iliad, Books XIII-XXIV.*
Pindar, *Pythian Odes.*
Aeschylus, *Eumenides.*
Sophocles, *Antigone.*
Aristophanes, *Frogs.*
Herodotus, *Book I.*
Thucydides, *Book I.*
Plato, *Phaedo, Timaeus.*
Isocrates, *Panegyric.*
Aristotle, *Politics.*
Terence, *Phormio.*
Vergil, *Aeneid, Books VII-XII.*
Horace, *Odes, Book IV; Art of Poetry.*
Juvenal, *Satires, I, III, X-XVI.*
Martial, *Epigrams, Books VII-XII* (as in the selection by Bridge and Lake, O.U.P.).
Cicero, *de Finibus, Books III-IV; Brutus.*
Livy, *Books XXI-XXII.*
Suetonius, *Augustus.*
St. Augustine, *de Ciuitate Dei, Books VI-VII.*
Tacitus, *Annals, Books XIV-XVI.*

* 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.

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. Students in French I are required to attend group-tutorials for exercises in oral French, including conversation, reading and dictation, and to present themselves for an oral examination. Students of French II and French III are required to attend regularly once a week the French Language 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 1951:

26. French I.

(a) Free composition in French and translation from English into French.

Prescribed book:

Whitmarsh and Jukes, *Advanced French Course* (Longmans).

For reference:

Grammaire Larousse du XX^e siècle, or Grevisse, *Le bon usage* (Paris, Geuthner).
Harrap's Standard French and English Dictionary (2 vols.).
Hatzfeld, Darmesteter, et Thomas, *Dictionnaire général de la langue française* (2 vols.) (Delagrave).
Nouveau petit Larousse illustré.
Le Larousse du XX^e siècle (6 vols.)

(b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Whitmarsh and Jukes, *Advanced French Course*; poems nos. 1, 4, 7, 8, 9, 12, 14, 15, 17, 18, 19, 21, 23, 26, 27, 29, 30, 32, 33, 36, 38, 39, 40 42, 43, 46, 47, 49, 50, 51, 53, 61.
Racine, *Athalie* (ed. Roach, Harrap).
Molière, *L'Avare* (ed. Dullin; Paris, Editions du Seuil).
Maupassant, *Quinze contes* (ed. Green; Cambridge).
Deval, Jacques, *Tovaritch* (Harrap).
Maurois, André, *Conseils à un jeune Français partant pour l'Angleterre* (Macmillan).

(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.

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.*

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 due Vatican* OR *Les faux-monnayeurs.*
Proust, *Du côté de chez Swann.*
Barbusse, *Le feu;* OR Dorgelès, *Les croix de bois;* OR Duhamel, *Civilisation.*
Duhamel, *Confession de minuit;* OR *Le Notaire du Havre;* OR Mauriac, *Génitrix*; OR Bernanos, *Journal d'un curé de campagne.*
Jules Romains, *Les hommes de bonne volonté*, I (*Le 6 octobre*).
Joseph Kessel, *L'armée des ombres.*
Seignobos, *Histoire sincère de la nation française.*

Students who have obtained the permission of the Faculty to combine French with another subject for the Honours degree may be excused some or all of the additional work in the second and third years, and some of the work of the fourth year.

The final examination will comprise the following papers:

(a) Translation into French.
(b) Translation of seen and unseen passages from French into English.
(c) French philology.
(d) Translation of seen and unseen passages of Old and Middle French into English.
(e) Literature I.
(f) Literature II.
(g) Literature III.

Papers (c), (e), (f), (g) will be answered in French.
There will be an oral examination comprising tests in reading, conversation, dictation, phonetics, and *explication de textes.*

Students combining French with another subject may be excused any two of the papers (e), (f) and (g).

31. Old and Middle French I.

(a) Outline of the history of the French language.
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:
Chevaillier 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* 3rd ed. (Paris, Masson).

(b) Old and Middle French literature, with special reference to epic and romance.

(c) Translation of prescribed texts, with advanced linguistic commentary.
Prescribed books:
La Chanson de Roland (ed. Whitehead; Blackwell).
Jehan Renart, *Le Lai de l'ombre* (ed. Orr; Edinburgh Univ. pr.).
La Queste del Saint Graal (ed. Pauphilet; Paris, Champion).

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.*

Davies, G., *The early Stuarts* (O.U.P.).
Firth, C., *Cromwell* (Putnam).
Gooch and Laski, *English democratic ideas in the seventeenth century* (C.U.P.).
Clark, G. N., *Later Stuarts* (O.U.P.).

Some useful documents:

Tanner, J. R. (Ed.), *Tudor constitutional documents* (C.U.P.).
Tanner, J. R. (Ed.): *Constitutional documents of the reign of James I* (C.U.P.).
Thornley, I. D. (Ed.), *England under the Yorkists* (Longmans).
Pollard, A. F. (Ed.), *Reign of Henry VII.*
Gairdner (Ed.), *Paston letters.*
Firth (Ed.), *Clarke papers.*
More, Sir Thomas, *Utopia.*
Milton, *Areopagitica.*

43. History III.
Pacific Affairs.

It is expected that this course will be given for the first time in 1952. It 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.
(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.).

Students should procure:

Shepherd, J., *Australia's interests and policies in the Far East* (I.P.R.).
Eckel, P., *The Far East since 1500* (Harrap).

Other useful books are:

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).

44. Economic History.

After a brief examination of the characteristic features of mediaeval 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:

Heaton, H., *Economic history of Europe* (Harper).
Shaw, A. G. L., *Economic development of Australia* (Longmans).
Faulkner, H. U., *Economic history of the United States* (Macmillan).

Other useful books:

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).
Birnie, A., *Economic history of the British Isles* (Methuen).
Slater, G., *The growth of modern England* (Constable).
Shann, E., *The economic history of Australia* (C.U.P.).
Fitzpatrick, B., *The British Empire in Australia* (M.U.P.).
Nevins, A., *A brief history of the United States* (Oxford).
Wright, C. W., *Economic history of the United States* (McGraw Hill).

45. Political Science.

Political Theory and Political Institutions.

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 the Australian constitutions, but it also includes some reference to the U.S.A. and other countries.

Students should procure:

Wheare, K. C., *Parliaments and politics* (Bureau of Current Affairs).
Sawer, G., *Australian government to-day* (Melbourne Univ. Press).
Stewart, M., *The British approach to politics* (Allen and Unwin).
Lindsay, A. D., *The essentials of democracy* (Oxford).
Crossman, R. H. S., *Government and the governed* (Christophers).

Other useful books are:

Jennings, W. I., *The British Constitution* (Cambridge).
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).
Steed, W., *The press* (Penguin).
Laski, H. J., *Liberty in the modern state* (Pelican).
Laski, H. J., *A grammar of politics* (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. 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 I, II and III, Economic History and Political Science as prescribed for the Ordinary degree;

(b) To attend discussion groups, to be organised in connection with all courses except History I, at times to be arranged;

(c) To pass in Social Economics 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, which will be arranged for them after consultation with the Professor. No formal course of lectures will be given in the fourth year, but tutorial discussions and written work will be arranged. Honours work will be in the fields both of 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.

50. History and Political Science for the Degree of M.A.

Candidates for the degree of M.A. in the School of History and Political Science are required to consult the Professor in regard to the subjects and courses of reading for their theses.

ECONOMICS

In addition to a one-year course in Social Economics for Arts students, 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 night 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.

55. Economics for the Honours Degrees of Bachelor of Arts and Bachelor of Economics.

Seminar classes are conducted throughout the academic year, and reading is prescribed in those classes. Intending students should communicate with the Professor well before the beginning of the academic year.

57. Statistics II and Actuarial Mathematics.

Candidates must have passed in Pure Mathematics IA at the higher standard and 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:

The application of statistical techniques to economic problems with special reference to sample surveys, time series, demography, index numbers and national income.

Text-books:

Croxton, F. E., and Cowden, D. J., *Applied general statistics* (Prentice-Hall).

Yates, F., *Sampling methods for censuses and surveys* (Charles Griffin).

Kuczynski, R. R., *The measurement of population growth* (Sidgwick and Jackson).

United Nations; *Measurement of national income and construction of social accounts.*

Commonwealth of Australia; *National income and expenditure* (latest issue) (Government Printer, Canberra).

Commonwealth of Australia; *Australian life tables 1946-1948* (Government Printer, Canberra).

Commonwealth of Australia;*Demography bulletin* (latest issue) (Government Printer, Canberra).

Other texts and publications will be prescribed by the lecturer.

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 proceedings 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.

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 the climate 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-books:

Trewartha, G. T., *Introduction to weather and climate* (McGraw-Hill).

Hills, E. S., *Physiography of Victoria; an introduction to geomorphology* (Whitcombe and Tombs).

Reference books:

Wells, H. G., *Outlines of history* (Cassels).
Forde, C. D., *Habitat, economy and society* (Methuen).
Davis, D. H., *Earth and man* (Macmillan).
Bowman, I., *Pioneer fringe* (American Geographical Society).
Worcester, P. G., *Textbook of geomorphology* (Chapman and Hall).
Pomfret, J. E., *Geographic pattern of mankind* (Appleton-Century).
Fenner, C. A. E., *South Australia: a geographical study* (Whitcombe and Tombs).

59. Geography II.

The geography of Australia and United States of America from the following points of view:

AUSTRALIA:

Discovery and exploration; establishment of State and Federal governments.

Structure, relief and natural drainage; their influence upon settlement, transport and land utilization.

Climate, vegetation and soils; air masses affecting Australian weather and climate; climatic factors affecting agricultural and pastoral production; methods of delimiting climatic and agro-climatic regions; distribution, character and habitat of major plant communities; forests and forestry; native and introduced pasture plants; main soil types and soil fertility.

Economic development; the place of primary, secondary and tertiary industries in the economic life of Australia; spread of settlement; progress of rural and urban development.

Pastoralism and agriculture; the influence of historical, geographic, economic and technological factors upon the development of wool, wheat, cattle, fruit and sugar-cane production.

Mining and manufacturing industries; discovery and utilization of gold, coal, copper and iron deposits; the influence of mineral exploitation upon population movements, rural economy, transport and trade.

Land utilization and regionalism: an outline of the environmental conditions, problems and prospects of the principal land-use regions; regional subdivisions of South Australia, Victoria and New South Wales.

UNITED STATES OF AMERICA:

Exploration, settlement, land utilization and industrial development, as influenced by historical, geographical and economic factors, comparing or contrasting Australian conditions wherever possible.

PRACTICAL WORK:

A written geographical description with maps, sections and other illustrations of an area to be approved by the lecturer.

Reference books:

Taylor, T. Griffith, *Australia: a study in warm environments and their effect on British settlement* (Methuen).
Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (Melbourne University pr.).
Wood, G. L., *Australia, its resources and development* (Macmillan).
Portus, G. V., *Australia since* 1606 (O.U.P., Melb.).
Hancock, W. K., *Australia* (Benn).
Price, A. G., *Australia comes of age* (Georgian Press).
Shaw, A. G. L., *Economic development of Australia* (Longmans).
Fenner, C. A. E., *South Australia: a geographical study* (Whitcombe and Tombs).
Hills, E. S., *Physiography of Victoria* (Whitcombe and Tombs).
Payne, W. L., and Fletcher, J. W., *Report on the Northern Territory* (Govt. Printer, Canberra).
Official Year Books of the Commonwealth of Australia.
Smith, J. R., and Phillips, M. O., *North America* (Harcourt Brace).
Atwood, W. W., *Physiographic provinces of North America.*
Parkins, E. A., and Whitaker, J. R., *Our natural resources and their conservation* (Wiley).
Miller, G. J., and Parkins, A. E., *Geography of North America* (Chapman and Hall).

71. 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.

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).

Theory of Education.

Books set:

Schulz, A. J., *Character and its development* (Hassell).
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).

77. Hygiene.

The course of lectures is given every year, and is completed in one year.

Subjects of examination:

The substance of the lectures.

Text-books:

Davies, M. B., *Hygiene and health education for training colleges* (Longmans).
Williams, J. F., *Personal hygiene applied* (Saunders).

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).

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 sensa and impulse to volition and dealing with a world of law and values; factors and processes involved in the experience of natural science,

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.

DIPLOMA IN PHYSICAL EDUCATION

For the syllabuses of the special subjects for the diploma in Physical Education, see those beginning No. 520.

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 courses in Pure Mathematics IIA and IIB.

Candidates who have passed with credit or at a sufficiently high standard in both papers in Mathematics at the Leaving Honours Examination will be exempted from the course and will be credited with Pure Mathematics IA as a subject in their courses for a degree when they have passed the final examination in Course 86 or in either part of Pure Mathematics II. Other candidates who have passed in Mathematics at the Leaving Honours Examination may be exempted from lectures in the course in Pure Mathematics 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:

(a) The elements of algebra and trigonometry;

(b) The elements of plane analytical geometry and the mensuration of the simpler solids;

(c) 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-books recommended:

Courant, R., *Differential and integral calculus,* Vol. I (Blackie).
Ferrar, W. L., *Algebra* (O.U.P.).

88. Second-year Courses.

There are two second-year courses 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, Pure Mathematics IIB, 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.

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 one hour a week in addition. Additional subject: Infinite Series.

   Text-book recommended:
   Knopp, K., *Theory and application of infinite series* (Blackie).
   (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 Ference, M., *Analytical experimental physics* (Univ. of Chicago pr.); or

Spinney, L. B., *Text-book of physics* (Macmillan).

Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw Hill). (This book is recommended for those students who intend to continue beyond Physics I.)

Kerr Grant, *Lectures on physics,* indicates the scope and subject matter of the course.

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 Ference, M., *Analytical experimental physics* (Univ. of Chicago pr.), and Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw Hill), with special stress on such sections as are more advanced than is demanded for the course in Physics I.

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) or IIB (90), 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.

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 radicle 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* (3rd English edn.) (Elsevier); or
Schmidt, J., *Organic chemistry* (Oliver and Boyd); or
Bernthsen, A., *Textbook of organic chemistry* (Blackie).
Remick, A. E., *Electronic interpretations of organic chemistry* (Wiley); or
Wheland, G. W., *Theory of resonance* (Wiley); or
Stott, R. W., *Electronic theory and chemical reactions* (Longmans, Green).
Other books for consultation as recommended.

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:

Middleton, H., *Systematic qualitative organic analysis* (Arnold).
Cohen, J. B., *Practical organic chemistry* (Macmillan); *or*
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 AND MINERALOGY

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.

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.).
Rogers, A. F., and Kerr, P. F., *Optical mineralogy* (McGraw Hill) (2nd ed.).
Larsen, U. 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).
Bragg, W. L., *Atomic structure of minerals* (Cornell Univ. pr.).
Chudoba, K., *The determination of the felspars 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 eight 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-books:

Swinnerton, H. H., *Outlines of palaeontology* (3rd ed.) (Arnold).
Twenhofel, W. H., *Principles of sedimentation* (McGraw Hill).

Books of Reference:

Zittel, *Text Book of Palaeontology* (MacMillan).
Glaessner, M. F., *Principles of Micro-palaeontology* (M.U.P. 1945).
Darrah, W. C., *Textbook of Palaeobotany* (New York, 1939).

To count Palaeontology as a third-year subject for the degree of B.Sc. the candidate must present also Zoology II or Botany II in addition to the normally required number of subjects from Group B.

149. Geology and Mineralogy for the Honours Degree of B.Sc.

Candidates for the Honours Degree are required to pass a more stringent examination in the subjects of the Geology III course, which is enlarged to embrace a wider field of petrological study, and includes an extension of the stratigraphical section beyond the Australasian area, embracing the broader geological features contributing to the structure of all parts of the earth's crust. They are further required to attend lectures and pass the examinations in courses 145 and 146. Proficiency in theory and practice of surveying is required. Evidence is required of having spent at least thirty-five days in field work. 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.

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.

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., and Dunn, L. C., *Principles of genetics* (3rd 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 1951 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.).

For reference:

MacBride, E. W., *Textbook of embryology,* Vol. 1, *Invertebrata* (Macmillan).

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.

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).

Burnett, 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:

Hewer, E. E., *Text-book of histology for medical students* (4th ed.) (William Heinemann).

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; historial 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).

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).
Henry, W. A., and Morrison, F. B., *Feeds and feeding* (20th ed.) (Morrison Publishing Company).

ENGINEERING

203N. 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 (239).

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 Course 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.

Reference books:

Eberlein, H. D., and McClure, A., *Practical book of period furniture* (Lippincott).
Gottshall, F. H., *How to design period furniture* (Batsford).

PART C: A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

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:

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 submit notebooks 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 submit notebooks and drawings.

Text-book:

Fletcher, B. F., *History of architecture* (Batsford).

Text-book:

Clark, D., *Plane and geodetic surveying for engineers*, Vol. I (Longmans).
Merriman, T., and Wiggin, T. H. (eds.), *American civil engineers' handbook* (Wiley).
Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

Reference books:

Krynine, D. P., *Soil mechanics* (McGraw Hill).
(It is recommended that Civil Engineering students possess this book.)
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-books:

Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw Hill).
Sutherland, H., and Reese, W. W., *Introduction to reinforced concrete design* (Wiley).

Reference books:

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).

Students are also required to read various papers published in the Transactions of Engineering Societies to which reference is made in lectures.

224. Hydraulics (Old Schedules).

For the syllabus of this subject see the Calendar for 1948.

224N. Hydraulics (New Schedules).

Pre-requisite subjects: Pure Mathematics IIA (89), Applied Mathematics I (91).

The course comprises the laws governing the flow of water through orifices, over weirs, and along pipes and open channels (given in the Civil Engineering Department), and the principles governing the design of water-wheels, turbines, and centrifugal pumps (Hydraulic Machines I, given in the Mechanical Engineering Department).

These subjects are covered by a course of about thirty lectures. One afternoon a week throughout one term is required for practical work in the laboratory.

Text-book:

Addison, H., *Text-book of applied hydraulics* (Chapman and Hall).

Books of reference:

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 elementary principles of perspective, definitions and terms used in perspective; simple positions of the cubes, pyramids, prisms, cones, and cylinders; easy models composed of a combination of the above solids. Perspective composition. The projection of Architectural perspectives from given plans and elevations.

Text-book:

Sierp, A. F. *Perspective projection* (Sands and McDougall).

Reference book:

Holmes, J., *Applied perspective* (Pitman).

SKETCHING.—Freehand sketching of simple models showing plans, elevations, sections and dimensions. Perspective freehand sketching of simple objects. 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.

Students wishing to proceed to the degree with honours are obliged to attend lectures and calculation and design classes in both parts of the subject, and to carry out the full practical work in one section of the subject together with certain selected experiments in the other section of the work; they must pass in section A or B of the examination. They are also recommended to attend special lectures bearing on Electrical Engineering given in the Department of Physics.

Part A. Electrical Power and Measurements.

Two lectures, two hours' computation and design, and a minimum of twelve 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 B. Electronics and Communications.

Two lectures, two hours' calculation and design and a minimum of twelve 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 give 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 practising outside engineers. 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 exercises designed to illustrate the subject matter of the lectures.

Text-books:

Lauer, H., Lesnick, R., and Matson, L. E., *Servomechanism fundamentals* (McGraw Hill).

Part A—M.I.T. Staff, *Electric circuits* (Wiley).
Carter, G. W., *Simple calculation of electrical transients* (C.U.P.).
Langsdorf, A. S., *Principles of direct current machines* (McGraw Hill).
Lawrence, R. R., *Principles of A.C. machinery* (McGraw-Hill).
Knowlton, A. E., *Standard handbook for electrical engineers* (McGraw Hill).

Part B—Terman, F. E., *Radio engineers' handbook* (McGraw Hill).
Smith, F. L., *Radiotron designers' handbook* (Iliffe).
Everitt, W. L., *Communication engineering* (McGraw Hill).

Reference books:

M.I.T. Radiation Laboratory Series, *Theory of servomechanisms* (McGraw Hill).
Brown, G. S., and Campbell, D. P., *Principles of servomechanisms* (Wiley).

PART A—Stubbings, G. W., *Automatic protection of A.C. circuits* (Chapman and Hall).
Karapetoff, V., and Dennison, B. C., *Experimental electrical engineering*, Parts I and II (Wiley).
Miner, D. F., *Insulation of electrical apparatus* (McGraw Hill).
Neumann, R., *Symmetrical component analysis* (Pitman).
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).

PART B—Starr, A. T., *Electric circuits and wave filters* (Pitman).
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 Vedder, E. H., *Industrial electronics* (Wiley).
Bode, H. W., *Network analysis and feedback 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.).

GENERAL—Journals, such as *Institution of electrical engineers', American institute of electrical engineers, etc.*
Rollason, *Metallurgy for engineers* (Arnold).
Heyer, *Engineering physical metallurgy* (van Nostrand).

244N. Engineering Materials (New Schedules).

Pre-requisite subjects: Inorganic Chemistry I (112), Physics I (101).

A short course of about ten lectures and ten one-hour practical demonstrations indicating the scope and introducing the fundamentals of metallurgy. Fuels, refractories, furnaces, pyrometry. Production, constitution and structure of ferrous and non-ferrous metals and alloys. Effect of heat and mechanical treatment of metals. Metallurgy of welding, plating, corrosion. Non-metallic materials such as glass, rubber and plastics.

Text-book:
Rollason, E. C., *Metallurgy for engineers* (Arnold).

Reference book:
Heyer, R. H., *Engineering physical metallurgy* (van Nostrand).

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).

Text-books:

Baker, H. W., *Inchley's theory of heat engines* (Longmans); or
Robinson, W., and Dickson, J. M., *Applied thermodynamics* (Pitman).
Jennings, B. H., and 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).
Kearton, 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 II.—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).
Kearton, W. J., *Turbo blowers and compressors* (Pitman).
Spannhake, W., *Centrifugal pumps, turbines and propellors* (M.I.T.).
Ower, E., *Measurement of air flow* (Chapman and Hall).
British Standard Code, *Flow measurement.*

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).
Smith, E. S., *Automatic control engineering* (McGraw Hill).
Rhodes, T. J., *Industrial instruments for measurement and control* (McGraw Hill).
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).

260N. 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:

Badger, W. L., and McCabe, W. L., *Elements of chemical engineering* (McGraw Hill); or

Walker, Lewis, McAdams and Gilliland, *Principles of chemical engineering* (McGraw Hill).

Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw Hill).

Reference book:

Perry, J. H., *Chemical engineers' handbook* (2nd Edition) (McGraw Hill).

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:

Liddell, D. M., *Handbook of non-ferrous metallurgy*, 2 Vols. (2nd Edition) (McGraw Hill).

Bray, J. L., *Ferrous production metallurgy* (Wiley).

261N. Process Engineering II.

Pre-requisite subjects: Physical Chemistry III (117A), Process Engineering I (260N), Engineering Drawing II (249N).

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 (260N), 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 and Reference books: As for Process Engineering I (260N), Part A.

Additional Reference books:

Hougen, O. A., and Watson, K. M., *Industrial chemical calculations* (2nd Edition) (Wiley).

Butts, A, *Metallurgical problems* (2nd Edition) (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-book:

Badger, W. L., and Baker, E. M., *Inorganic chemical technology* (McGraw Hill).

Reference books:

Shreve, R. N., *Chemical process industries* (McGraw Hill).

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).

264N. Physical Metallurgy I.

Pre-requisite subjects: Chemistry I (11 or 112) and Physics I (101).

Lectures: One hour per 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 the common alloys; welding; corrosion and protection; principles of pyrometry.

Practical work: Three hours per 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).

267N. Mining Engineering I.

Pre-requisite subjects: Geology I (141), Surveying I (276), Engineering Drawing II (249N).

The course consists of two lectures a week throughout the year and is a general treatment of the field of mining engineering, viz., mining terms, prospecting, rock breaking, exploration, development and mining methods.

Text-books:

Lewis, R. S., *Elements of mining* (Wiley); or
Young, G. T., *Elements of mining* (McGraw Hill).

268N. Mining Engineering II.

Pre-requisite subjects: Mining Engineering I (267N), Strength of Materials (274), Hydraulics (224N).

Lectures: Three hours a week throughout the year dealing in greater detail with the subject matter of Mining Engineering I (267N). Advanced treatment of the engineering problems of exploration and development, mining methods, mine ventilation and hygiene; mining economics and mining law.

Practical Work: Twelve hours per week comprising the construction of mine maps and models, design work and calculations relating to mining operations, plant layouts, etc.

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:

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).
Staley, W., *Mine plant design* (McGraw Hill).
Jeppe, C. B., *Gold mining on the Witwatersrand* (Transvaal Chamber of Mines).

270N. Oredressing.

Pre-requisite subjects: Geology 1 (141), Engineering Drawing II (249N) and Mining Engineering I (267N).

Lectures: Two hours a week, during the second and third terms. Process Engineering I (261N), 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.

273. Mine Surveying.

Pre-requisite subjects: Mathematics IA (85), Geology I (141), Engineering Drawing I (248N).

Lectures: One hour per week throughout the year, dealing with general surveying; elements of astronomy; elementary photogrammetry; tunnel surveys; shaft plumbing methods; stope surveys; borehole surveys; special mine surveys; engineering surveying as applied to mining; mine survey office organisation.

Practical work: Four hours per week throughout the year, spent in practical survey work and calculations.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. 1 (Constable).

Reference books:

Winiberg, F., *Metalliferous mine surveying* (Mining Publications Ltd.).
Winiberg, F., *Surveying calculations* (Mining Publications Ltd.).
Haddock, M., *Deep borehole surveys and problems* (McGraw Hill).
Staley, W., *Introduction to mine surveying* (Stanford Univ. pr.).

Students should provide themselves with seven-figure logarithmic tables, such as Chambers's Mathematical Tables.

274. Strength of Materials.

Before taking this subject students must have passed in Mathematics IA (85), and Applied Mathematics I (91) must be taken concurrently, if it has 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 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.

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-books:

Jennings, W. I., *Law and the constitution* (Univ. of London pr.).
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).
Phillips, O. H., *Principles of English law and the constitution* (Sweet and Maxwell).
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 I and Economic History or Political Science.
3. Economics I and Economic History.
4. Psychology and one of the following: Logic, Ethics, Philosophy A, Philosophy B, Education.
5. 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 be given in 1951.

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).

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* (latest 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:

Rawling, L. B., *Landmarks and surface markings of the human body* (Lewis).
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
Muir, R., *Textbook of pathology* (Arnold); or
Karsner, H. T., *Human pathology* (6th ed.) (Lippincott).
Wright, G. Payling, *An introdaction to pathology* (1st ed., 1950) (Longmans).
Vines, H. W. C., *Green's introduction to pathology and morbid anatomy* (Baillière, Tindall and Cox).
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).
Kettle, E. H., *Pathology of tumours* (Lewis).
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).

342. Group II: Applied Physiology and Pharmacology.

The course extends throughout three terms beginning with the second term in the fourth year of medical studies. It consists of one lecture or lecture-demonstration weekly, and of practical work in the application of physiological methods to the elucidation of functional pathology and the results of therapy. The latter is conducted during the period of clinical clerking, and the student must be certified as having completed the necessary investigations to the satisfaction of the Professor, before he will be admitted to the examination in this subject at the end of the fifth year.

Text-books:

Bastedo, W. A., *Pharmacology, therapeutics, and prescription writing* (Saunders).
Wright, S., *Applied physiology* (O.U.P.).

343. Group III: Practical Pharmacy, Pharmaceutical Materia Medica, and Posology.

The course is given during the third term of the third year and the first term of the fourth year.

A theoretical and practical 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.

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 treatment* (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 twelve 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:

Brown, 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).
Brown, 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).

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. Prosthetic Dentistry.

(a) A course of instruction on the rudiments of dental mechanics and the materials employed.

(b) A course of demonstrations and practical work at the Dental Department, Adelaide Hospital.

Text-book:
Skinner, E. W., *The science of dental materials* (Saunders).

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.

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).

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 hydrocal; 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 Technics.

Carry out the following work:—

1. Plain soldered bands.
2. Plain spurred bands.
3. Appliance for maintaining expansion.
4. Retaining appliances, Classes II and III.
5. Retainer for use after rotation.

FIFTH YEAR.

Operative Dentistry.

Each student shall attend on the days allotted to him for instruction in extractions, anaesthetics, and examinations and must do practical work in each group of operations, as given below:—

1. Extractions:
   Under local anaesthetic.
   Under general anaesthetic.
2. Examination reports.
3. Gold restorations.
4. Inlays.
5. Plastic restorations:
   Amalgam.
   Silicate cement.
6. Root canal treatments and pulp-capping.
7. Radiography.
8. Gingivitis and pyorrhoea treatments.

Anaesthetics.

Attend demonstrations on the days allotted and do administrations of anaesthetics.

Oral Surgery.

Attend and assist in at least one case of each of the following:—

Root resection, alveolectomy, surgical removal of impacted teeth, fractured jaw.

(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.

452. General Musical Knowledge.

SYLLABUS:

(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 asociated 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.

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.

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.

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, *Ths 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).
Jeans, *Science and music* (C.U.P.).
Buck, *Acoustics for musicians* (Clarendon).
Wood, *The physics of music* (Methuen).

EXAMINATION: One three-hour paper.

DIPLOMA IN COMMERCE

COMPULSORY SUBJECTS

482. 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.

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 Assessment Act (including amendments to 30th June, 1951).

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.

486. Economics.

A candidate 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.

487. Statistics I.

The course consists of about 60 lectures, is completed in one year, and normally is given every year.

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; straight-line curve fitting; determination of linear and rank correlation; problems of index numbers and weighting; population structure, trends and measurement; the national income; wage assessment; Australian statistics. The theory will be covered parallel with a discussion of the available Australian statistics, and the methods of compilation used.

Students are advised that proficiency in mathematics (and at least in arithmetic) to the matriculation standard is of great advantage in studying this course. Although attendance at lectures is not conditional upon passing any previous examinations, students may be refused permission to take the final examination unless they show a sufficient standard in periodical exercises and any terminal examinations which may be set.

Preliminary Reading:

Mauldon, *The use and abuse of statistics* (Univ. of W.A.).

Text-books:

Commonwealth of Australia, *National income and expenditure*, 1949-50 (Government Printer, Canberra).

Australian Bureau of Census and Statistics, *Pocket compendium of Australian Statistics* (thirty-fifth issue); and, either

Allen, *Statistics for economists* (Hutchinson); or, if the student is proceeding with Statistics II,

Croxton and Cowden, *Applied general statistics* (Prentice-Hall).

Reference Books:

Copland, *The Australian economy* (1945 ed.) (Angus and Robertson).

Clark and Crawford, *The national income of Australia* (Angus and Robertson).

Mills, *Statistical methods* (Pitman).

Brinton, *Graphical representation.*

Australian Bureau of Census and Statistics, *Official yearbooks, labour reports, quarterly summaries of Australian statistics, monthly reviews of business statistics.*

South Australia, *Statistical register, quarterly summaries of statistics.*

490. 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.

491. Commercial Law III.

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.

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).

506. Forensic and Commercial Pharmacy.

Basis: 20 one-hour lectures given at 21 noon on Tuesdays and Thursdays during the Second Term.

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.

511. Pharmacy.

Subject-matter:

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.

512. Dispensing.

Subject-matter:

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

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*, 2nd 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 second 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. 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).

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 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 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 second 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* (Methuer 1936).

Marshall, F. J. C., and Rees, W. R., *Physical education in boys' school*. 2nd Edition, 1941 (London Univ. pr.).

Williams, J. F., and Brownell, C. L., *Administration of health and physical education* (Saunders).

Halliday, R. E., and Gordon, K. M., Education Department of Western Australia, *Physical education for primary schools* (1942), and *Pictorial handbook to physical education for primary schools* (1945).

Physical and recreational training for Australian Women's Services.

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.

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.

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).

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.). Administration of social agencies. The social worker's role in the community.

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:

Richmond, M. E., *What is social case-work?* (Russell Sage Foundation).
Richmond, M. E., *Social diagnosis* (Russell Sage Foundation).
Young, P., *Interviewing in social work* (McGraw Hill).
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).
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 Assocn. of America).
Taft, J. (ed.), *A functional approach to family case work* (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.).
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.

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.

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.).
Hadfield, J. A., *Psychology and morals* (Methuen).
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).

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*: regulation of wages, hours, conditions, industrial disputes; 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 centres, children's homes, hospitals, Juvenile Court, opportunity classes, factories, prisons and reformatories.

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.

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).

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	
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	
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°	—	—	—	
58	Geography I	—	5.15	—	—	5.15	
59	Geography II	5.15	—	—	5.15	—	
60	Geography III	7.15–9.15	—	5.15	—	—	
141	Geology I—Lectures	—	6.15	—	6.15	—	
	Practical	—	5.15	—	5.15	—	
41	History I	—	5.15	—	5.15	—	
42	History II	5.15	—	—	—	5.15	
5	Latin I	5.15–7.15	—	—	5.15–7.15	—	
62	Logic	—	6.15	—	6.15	—	
66	Philosophy B	—	5.15	—	—	5.15	
85	Pure Mathematics IA	5.15	—	5.15	—	5.15	
89	Pure Mathematics IIA	5.15–6.45	—	—	5.15–6.45	—	
101	Physics I—Lectures	5.15	—	5.15	—	5.15	
	Practical	6.15–8.15	—	6.15–8.15	—	—	
61	Psychology	—	5.15	—	5.15	—	
161	Zoology I	—	6-9.30	—	6-9.30	—	

° 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**	10	10	—	10	—	—
	Tutorials (1 hour)	11	9	—	9, 11	—	—
101	Physics I—Lectures	9	—	9	—	9	—
	Practical†	10–12	10–12	10–12	10–12	10–12	9–11
116	Chemistry I—Lectures	12	—	12	—	12	—
	Practical	2–5	2–5	—	2–5	2–5	—
		(B)	(A)	—	(B)	(A)	—
141	Geology I—Lectures	—	—	11	—	11	—
	Practical (2 sessions)*	—	12(A)	10(B)	12(A)	10(B)	—
151	Botany I—Lectures	—	9	—	9	—	—
	Practical**	10–12	10–12	2–4	10–12	—	—
		(A)‡	(B)	(A)‡	(B)	—	—
161	Zoology I—Lectures	—	12	—	12	—	—
	Practical	2–5	—	—	2–5	—	—
	Zoology IA (Agric. and Dent.)—						
	Lectures	11	—	9	—	—	—
	Practical	—	2-5	—	—	2-5	—
158	Biology—Lectures	—	—	6.15	—	6.15	—
	Practical	—	—	7.15–9.15	—	7.15–9.15	—
	SECOND-YEAR SUBJECTS—						
89	Mathematics IIA—Lectures	9	—	9	—	9	—
	Tutorials (1 hour)	12	10	11	—	10	—
90	Mathematics IIB—Lectures	9	—	10	—	—	—
91	Applied Maths. I—Lectures	11	11	—	11	—	—
	Tutorials (1 hour)	—	—	12	10	11	—
92	Statistical Methods	To be arranged					
102	Physics II—Lectures	—	12	—	12	12	—
	Practical	2–5	2–5	—	—	2–5	—
113	Inorganic Chemistry II—Lectures	—	9	—	9	—	—
114	Practical	—	12–5	—	12–5	—	—
115	Organic Chemistry II—Lectures	12	—	—	—	9	—
116	Practical	—	—	9–1	—	10–1	—
142	Geology II—Lectures	—	10	—	10	—	—
	Practical	10–12	11	—	—	—	—
152	Botany II—Lectures	9	—	9	—	—	—
	Practical	—	2–5	—	2–5	—	—
162	Zoology II—Lectures	—	—	12	—	12	—
	Practical	—	2–5	—	2–5	—	—
171	Biochemistry (1st and 2nd terms) Lectures	10	—	10	—	10	—
	Practical	2–5	—	—	—	2–5	—
	Third term	To be arranged					
173	Physiology (3rd term)—Lectures	10	—	—	—	10	—
	Practical	2–5	—	—	—	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 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	—	—	—	—	—
237N	Geom. Projection and Rendering	—	2–5	—	2–5	—	—
219	Building Construction and Drawing–						
	Lectures	—	—	—	—	2	—
	Practical	—	—	—	—	3–5	—
241N	Electrical Engineering I—						
	Lectures	—	—	—	10	10	—
	Practical (3 hrs.)†	2–5	—	—	—	—	—
249N	Engineering Drawing II°°—						
	Lectures	10	—	—	—	—	—
	Practical (3 hours)	2–5	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	—	10–1	—	10–5	—	—
246N	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	—

° Candidates must attend either (A) or (B).
°° First and second terms only.

† One term only.
‡ For two terms 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.	—	—	—	—	9	—
	Pract.	10-1	—	—	—	—	—
214	Architectural Design I	6.30–9.30	6.30–9.30	—	—	—	—
221N	Civil Engineering I—						
	Lectures	—	9	—	11	—	—
	Laboratory‡ (3 hours)	2–5	—	2–5	—	—	—
	Drawing Office	—	—	—	2–5	—	—
241N	Electrical Engineering I and Electronics IA—						
	Lectures	12	—	—	10	10	—
	Practical (3 hours)	2–5	—	—	—	2–5	—
242N	Electronics IB—						
	Lectures	—	—	—	—	9	—
	Practical (3 hours)*	—	—	2–5 and by arrangement			
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	—	2–5	—	—	—
245	Industrial Engineering	—	—	—	12	12	—
256N	Mechanical Engineering I—						
	Lectures	—	12	12†	—	11	—
	Practical*	—	2–5	—	—	—	—
	Drawing Office (3 hours)	—	2–5	2–5‡	—	—	—
267N	Mining Engineering I	9	—	—	—	10	—
261N	Process Engineering I—						
	Lectures	9	—	—	11	—	—
	Practical (6 hours)	—	—	—	2-5	and by arrangement	
274	Strength of Materials—						
	Lectures	—	9	—	9	—	—
	Practical (3 hours)	—	—	—	—	2–5	—
277	Surveying IA—						
	Lectures	—	—	—	9	—	—
	Practical	—	—	—	—	2–5	—
287N	Workshop Practice II—						
	Lectures	—	—	—	9	—	—
	Practical (3 hours)	—	—	—	2–5	2–5	—

** Candidates must attend either (A) or (B).

* For two terms. † Third term only. ‡ One term only.

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	
Biochemistry (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		5.15	To be arranged	6.15	
Tutorial Classes					
Accountancy II ..... Lectures		5.15	To be arranged	6.15	
Tutorial Classes					
Accountancy III ..... Lectures	5.15	To be arranged		5.15	
Tutorial Classes					
Economics I .... Lectures			12		12
Tutorial Classes		To be arranged			
Economics II .... Lectures			5.15		5.15
Tutorial Classes		To be arranged			
Economics III			10		10
Social Economics	5.15			5.15	
Commercial Law I			5.15		5.15
Commercial Law II (new course)			5.15		5.15
Commercial Law III		To be arranged			
Statistics I	5.15			5.15	
Statistics II	12		12		
Public Administration			7.15		6.15
Public Finance			5.15		

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						
12				Theory of Massage*		
1						
2	Physics	Anatomy			Anatomy	
3						
4	Theory of Movement†	Physiology		Physiology	Theory of Movement†	

* Second and third terms. † Third term.