

CALENDAR

OF

THE UNIVERSITY OF ADELAIDE

FOR THE YEAR

1961

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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.

The academic work of the University began in March, 1876, with 8 matriculated and 52 non-graduating students attending classes in Arts and Science subjects. But very early in its existence the University sought to meet, as far as it could, the needs of South Australia in the training of men for the professions. Beginning with Law in 1883 and Medicine in 1885, courses of professional training in various fields have been added from time to time to the curriculum, so that the University now grants degrees in Arts, Economics, Science, Agricultural Science, Engineering, Architecture, Law, Medicine, Dentistry, Music, Technology and Applied Science, and diplomas in Education, Physical Education, Public Administration, Music, Pharmacy, Social Studies, 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 1960 the University had conferred 9,040 degrees and 3,994 diplomas by examination, and 702 degrees and 15 diplomas by admission *ad eundem gradum*; in 1960 there were 4,731 matriculated students, 649 non-graduating students (mostly proceeding to sub-graduate diplomas) and 343 graduates proceeding to higher degrees or post-graduate diplomas, apart from

the 387 students at the Elder Conservatorium of Music; and the staff of four professors in 1876 had grown to 40 professors, over 250 full-time readers, senior lecturers and lecturers, and over 200 part-time lecturers and teachers.

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

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

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

In addition to such Governmental support, the University from its foundation has been especially fortunate in the number and extent of the benefactions it has received from private citizens and public

companies, and many of the most important developments within the University, both in buildings and in staff, have been the outcome of such generous gifts.

The principal benefactors of the University have been:—

Sir Walter Watson Hughes—£20,000 to endow chairs in Classics and Philosophy;

Sir Thomas Elder—£20,000 to endow chairs in Mathematics and Natural Science, £31,000 to endow the medical school, £21,500 to endow the school of Music, and £26,000 as an endowment for general purposes;

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

Mr. Peter Waite and his daughters Elizabeth Macmeikan and Lily Waite—an estate and gifts valued at about £129,000 to advance the cause of education in Agriculture, Forestry and allied subjects;

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

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

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

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

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

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

Sir George Murray—£10,000 for a Men's Union Building, and £79,700 (estimate) for general purposes;

Edward Neale—£29,000 (estimate) for Medical Research;

Mrs. R. F. Mortlock and Mr. J. T. Mortlock—£25,000 for research into soil erosion and the regeneration of pastures; a bequest of £5,000 from Mrs. R. F. Mortlock for cancer research; £20,000 from Mr. J. T. Mortlock for scientific research in the Medical School; and £10,000 from Mrs. J. T. Mortlock for pastoral 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—£51,400 (estimate) to encourage the study of natural history;

Hugh Hughes—£35,100 (estimate) for pastoral research;

The Broken Hill Pty. Co. Ltd.—£15,000 to endow the Chair in Mining and Metallurgy, £10,000 towards founding a Chair in Economic Geology, and £5,000 towards founding Chairs in Electrical and Mechanical Engineering;

North Broken Hill Ltd., £17,500, and Broken Hill South Ltd. and The Zinc Corporation Ltd., each £10,000 towards founding a Chair in Economic Geology;

Mrs. G. Hastings—£50,000 for the promotion of medical research with a bequest (in 1955) of another £100,000 and the residue of her estate for the same purpose;

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

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

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

Reginald Walker—£35,000 (estimate) for general purposes.

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

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

LETTERS PATENT

Dated 22nd March, 1881

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

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

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

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

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

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

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

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

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

By warrant under the Queen's Sign Manual.

PALMER.

SUPPLEMENTARY CHARTER

For Recognising Degrees in Surgery and Engineering

Dated 2nd September, 1913

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

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

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

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

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

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

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

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

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

By Warrant under the King's Sign Manual

UNIVERSITY OF ADELAIDE ACT, 1935.

No. 2228.

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

(Assented to 5th December, 1935.)

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

Short Title

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

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

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

Interpretation

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

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

Incorporation and Continuance of University

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

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

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

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

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

The Council

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

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

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

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

Election of Members of Council by Senate

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

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

Election of Members of Council by Parliament

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

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

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

Time of Appointment and Tenure of Office

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

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

Effect of Councillor Ceasing to be Member of Parliament

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

Filling of Vacancies

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

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

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

Election of Chancellor and Vice-Chancellor

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

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

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

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

Constitution of Senate

13. (1) The Senate shall consist—

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

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

Election of Warden

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

Conduct of Business

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

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

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

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

Chairmanship of Council and Senate

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

Management of the University

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

Power to Make Statutes

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

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

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

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

Power to Confer Degrees

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

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

Residence of Undergraduates During Terms.

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

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

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

No Religious Test to be Administered

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

Governor to be Visitor

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

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

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

Annual Grant to University

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

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

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

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

Grants for Agricultural Research

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

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

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

Conditions of Grant

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

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

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

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

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

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

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

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

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

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

Annual Report

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

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

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

University to be Exempt from Land Tax

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

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

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

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

Trusts in Relation to Certain University Land

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

Validation of Degrees and Statutes and Regulations

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

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

THE FIRST SCHEDULE

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

THE SECOND SCHEDULE

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

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

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

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

No. 9 of 1950.

1. In these by-laws—

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

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

“Road” includes way and track;

“University” means the University of Adelaide;

“University grounds” means—

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

HOSPITALS ACT, 1934.

No. 2158 of 1934.

Adelaide Hospital to be Medical and Dental School

Section 32 of the Act provides—

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

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

Advisory Committee

Section 33 provides—

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

* (2) The committee shall consist of a chairman and nine other members.

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

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

One by the Council of the University of Adelaide;

One by the Faculty of Medicine of the said University;

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

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

One by the Faculty of Dentistry of the said University;

Two by the board;

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

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

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

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

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

* Amendments given assent, 27th November, 1958.

ALMANAC FOR 1961

TERMS:

First Term: March 6-May 13.

Second Term: June 5-August 5.

Third Term: August 28-December 9.

Lectures will cease in some cases in the week ending October 21
and in others in the week ending October 28.

1961		JANUARY	
Sun. 1	Commonwealth inaugurated 1901.		
M. 2	New Year's Day.		
Tu. 3	Board for Anthropological Research—1.30 p.m.		
Th. 5	Faculty of Dentistry—4.30 p.m.		
F. 6	Faculty of Medicine—8 p.m.		
M. 9	Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.		
W. 11	Advisory Committee of the University and the Q.E.H.—5 p.m.		
Th. 12	Faculty of Architecture and Town Planning—2.15 p.m.		
F. 13	Faculty of Agricultural Science—2 p.m.		
Tu. 17	Faculty of Science—2 p.m. Faculty of Economics—4 p.m. Last day of entry for the Supplementary Leaving Examinations to be held in February.		
W. 18	Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.		
F. 20	Faculty of Music—9.15 a.m.		
M. 23	Last day of entry for the Special Degree and Diploma examinations to be held in February and March.		
Th. 26	Education Committee—2 p.m.		
M. 30	Public Holiday: Celebration of Australia Day.		
Tu. 31	Finance Committee—2.20 p.m.		

FEBRUARY

W. 1	Hospital year begins. Last day of entry for Evening Studentships.		
Th. 2	Faculty of Dentistry—4.30 p.m.		
F. 3	Faculty of Agricultural Science—2 p.m. Council—2.20 p.m. Faculty of Medicine—8 p.m.		
M. 6	ENROLMENTS BEGIN.		
Tu. 7	Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m. Faculty of Economics—4 p.m. Supplementary Leaving Examinations begin.		
W. 8	Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m. Postgraduate Committee in Medicine—8 p.m.		
Th. 9	Faculty of Architecture and Town Planning—2.15 p.m.		
F. 10	Faculty of Music—9.15 a.m.		
M. 13	Special Degree and Diploma examinations begin. Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m. Last day of enrolment for Technology and Applied Science students.		
Th. 16	Education Committee—2 p.m.		
M. 20	LAST DAY OF ENROLMENT. Finance Committee—2.20 p.m. Conservatorium first term begins. LECTURES BEGIN in those subjects for the degrees of Bachelor of Technology and Bachelor of Applied Science that are given at the S.A. Institute of Technology.		
F. 24	Council—2.20 p.m. For last day of entry for examinations in Music and the Art of Speech to be held in April—see A.M.E.B. Manual.		

MARCH

- Th. 2 Faculty of Dentistry—4.30 p.m.
 F. 3 Faculty of Medicine—8 p.m.
 Sa. 4 Long Vacation ends.
 M. 6 UNIVERSITY FIRST TERM BEGINS.
 NOTE: Students are required to attend such preliminary meetings of their classes in the first week of term as may be announced.
 Tu. 7 Board for Anthropological Research—1.30 p.m.
 W. 8 Advisory Committee of the University and the Q.E.H.—5 p.m.
 Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.
 F. 10 Faculty of Agricultural Science—2 p.m.
 M. 13 LECTURES BEGIN. Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 14 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 15 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
 F. 17 Faculty of Music—9.15 a.m.
 M. 20 Board of Research Studies—9 a.m.
 Th. 23 Education Committee—2 p.m.
 M. 27 Finance Committee—2.20 p.m.
 Th. 30 Council—2.20 p.m. Last day for submitting entries for the Bunday Prize.
 F. 31 Good Friday.

APRIL

- M. 3 Easter Monday.
 Tu. 4 Board for Anthropological Research—1.30 p.m.
 W. 5 Faculty of Technology—2 p.m. Faculty of Engineering—3 p.m.
 Th. 6 Faculty of Dentistry—4.30 p.m.
 F. 7 Faculty of Agricultural Science—2 p.m. Faculty of Medicine—8 p.m.
 Sa. 8 ANNUAL COMMEMORATION—FIRST CEREMONY—10.30 a.m.
 M. 10 Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 11 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 12 ANNUAL COMMEMORATION — SECOND CEREMONY—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
 Th. 13 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Arts—2.15 p.m.
 F. 14 Faculty of Music—9.15 a.m.
 Sa. 15 ANNUAL COMMEMORATION—THIRD CEREMONY—10.30 a.m.
 Th. 20 Education Committee—2 p.m.
 M. 24 Finance Committee—2.20 p.m.
 Tu. 25 Anzac Day.
 F. 28 Council—2.20 p.m.
 For Theory of Music and Art of Speech examinations—see A.M.E.B. Manual.

MAY

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- Tu. 2 Board for Anthropological Research—1.30 p.m.
 Th. 4 Faculty of Dentistry—4.30 p.m.
 F. 5 Faculty of Agricultural Science—2 p.m. Faculty of Medicine—8 p.m.
 M. 8 Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 9 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 10 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m. Postgraduate Committee in Medicine—8 p.m.
 Th. 11 Faculty of Architecture and Town Planning—2.15 p.m.
 F. 12 Faculty of Music—9.15 a.m.
 Sa. 13 UNIVERSITY FIRST TERM ENDS.
 M. 15 University first short vacation begins.
 Th. 18 Education Committee—2 p.m.
 Sa. 20 Conservatorium first term ends.
 M. 22 Conservatorium first short vacation begins. Finance Committee—2.20 p.m.
 F. 26 Council—2.20 p.m.
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JUNE

- Th. 1 Faculty of Dentistry—4.30 p.m.
 F. 2 Faculty of Medicine—8 p.m.
 Sa. 3 University and Conservatorium first short vacation ends.
 M. 5 UNIVERSITY AND CONSERVATORIUM SECOND TERM BEGINS.
 Tu. 6 Board for Anthropological Research—1.30 p.m.
 Th. 8 Faculty of Architecture and Town Planning—2.15 p.m.
 F. 9 Faculty of Agricultural Science—2 p.m.
 M. 12 Public Holiday: Celebration of Queen's Birthday.
 Tu. 13 Faculty of Science—2 p.m. Faculty of Economics—4 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 W. 14 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
 Th. 15 Faculty of Law—4.30 p.m.
 F. 16 Faculty of Music—9.15 a.m.
 Th. 22 Education Committee—2 p.m.
 M. 26 Finance Committee—2.20 p.m.
 F. 30 Council—2.20 p.m. Last day for submitting theses for the Bonython Prize and for the degree of D.D.Sc. For last day of entry for Music and the Art of Speech examinations to be held in October—see A.M.E.B. Manual.
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 JULY

- Tu. 4 Board for Anthropological Research—1.30 p.m.
 Th. 6 Faculty of Dentistry—4.30 p.m.
 F. 7 Faculty of Agricultural Science—2 p.m. Faculty of Medicine—8 p.m.
 M. 10 Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 11 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 12 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
 Th. 13 Faculty of Architecture and Town Planning—2.15 p.m.
 F. 14 Faculty of Music—9.15 a.m.
 M. 17 Board of Research Studies—9 a.m.
 Th. 20 Education Committee—2 p.m.
 M. 24 Finance Committee—2.20 p.m.
 F. 28 Council—2.20 p.m.
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AUGUST

- Tu. 1 Board for Anthropological Research—1.30 p.m.
 Th. 3 Faculty of Dentistry—4.30 p.m.
 F. 4 Faculty of Agricultural Science—2 p.m. Faculty of Medicine—8 p.m.
 Sa. 5 UNIVERSITY SECOND TERM ENDS. LAST DAY OF ENTRY FOR THE DEGREE AND DIPLOMA EXAMINATIONS TO BE HELD IN NOVEMBER.
 M. 7 University second short vacation begins.
 Tu. 8 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 9 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m. Postgraduate Committee in Medicine—8 p.m.
 Th. 10 Faculty of Architecture and Town Planning—2.15 p.m.
 F. 11 Faculty of Music—9.15 a.m.
 Sa. 12 Conservatorium second term ends.
 M. 14 Conservatorium second short vacation begins. Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Th. 17 Education Committee—2 p.m.
 M. 21 Finance Committee—2.20 p.m.
 F. 25 Council—2.20 p.m.
 Sa. 26 University second short vacation ends.
 M. 28 UNIVERSITY THIRD TERM BEGINS.
 Th. 31 Last day of entry for the PUBLIC EXAMINATIONS to be held in November and December.
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 SEPTEMBER

- Sa. 2 Conservatorium second short vacation ends.
 M. 4 Conservatorium third term begins.
 Tu. 5 Board for Anthropological Research—1.30 p.m.
 Th. 7 Faculty of Dentistry—4.30 p.m.
 F. 8 Faculty of Agricultural Science—2 p.m. Faculty of Medicine—8 p.m.
 M. 11 Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 12 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
 W. 13 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
 Th. 14 Faculty of Architecture and Town Planning—2.15 p.m.
 F. 15 Faculty of Music—9.15 a.m.
 Th. 21 Education Committee—2 p.m.
 M. 25 Finance Committee—2.20 p.m.
 F. 29 Council—2.20 p.m.
 Sa. 30 Last day for submitting entries for the United Nations Prize.
 For Music and the Art of Speech examinations—see A.M.E.B. Manual.
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OCTOBER

- Tu. 3 Board for Anthropological Research—1.30 p.m.
 Th. 5 Faculty of Dentistry—4.30 p.m.
 F. 6 Faculty of Agricultural Science—2 p.m. Faculty of Medicine—8 p.m.
 M. 9 Public Holiday: Labour Day.
 Tu. 10 Faculty of Science—2 p.m. Faculty of Economics—4 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 W. 11 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
 Th. 12 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Law—4.30 p.m.
 F. 13 Faculty of Music—9.15 a.m.
 Th. 19 Education Committee—2 p.m.
 Sa. 21 Lectures in some Departments end.
 M. 23 Finance Committee—2.20 p.m.
 F. 27 Council—2.20 p.m.
 Sa. 28 All lectures end.
 M. 30 Fifth and Sixth Year Medical examinations begin.
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NOVEMBER

- W. 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.
- Th. 2 Faculty of Dentistry—4.30 p.m.
- F. 3 Faculty of Agricultural Science—2 p.m. Faculty of Medicine—8 p.m.
- M. 6 All other DEGREE AND DIPLOMA EXAMINATIONS BEGIN. Last day for sending to the Clerk of the Senate nominations of candidates for the annual vacancies on the Council and for the offices of Warden and Clerk, and notices of motion for the meeting of the Senate to be held on November 22.
- Tu. 7 Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
- W. 8 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m. Postgraduate Committee in Medicine—8 p.m.
- Th. 9 Faculty of Architecture and Town Planning—2.15 p.m.
- F. 10 Faculty of Music—9.15 a.m.
- M. 13 Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Th. 16 Education Committee—2 p.m.
- M. 20 Finance Committee—2.20 p.m.
- W. 22 Senate—8 p.m. Election of Members of the Council and Warden and Clerk of the Senate.
- Th. 23 PUBLIC EXAMINATIONS BEGIN.
- F. 24 Council—2.20 p.m.
- Th. 30 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—4.30 p.m.

DECEMBER

- F. 1 Faculty of Music—9.15 a.m. Faculty of Agricultural Science—2 p.m. Faculty of Medicine—8 p.m.
- Sa. 2 Conservatorium year ends.
- M. 4 Board of Research Studies—9 a.m. Faculty of Law—4.30 p.m.
- Tu. 5 Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
- W. 6 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
- Th. 7 Education Committee—2 p.m.
- Sa. 9 ACADEMIC YEAR ENDS.
- M. 11 Finance Committee—2.20 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- W. 13 Advisory Committee of the University and the Q.E.H.—5 p.m.
- F. 15 Council—2.20 p.m.
- M. 25 Public Holiday: Christmas Day.
- Th. 28 Public Holiday: Proclamation Day.
- Sa. 30 Last day of application for Mining and Metallurgical Bursaries.

1962

JANUARY

- M. 1 New Year's Day. Commonwealth inaugurated 1901.
 Tu. 2 Board for Anthropological Research—1.30 p.m.
 Th. 4 Faculty of Dentistry—4.30 p.m.
 F. 5 Faculty of Medicine—8 p.m.
 M. 8 Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 W. 10 Advisory Committee of the University and the Q.E.H.—5 p.m.
 Th. 11 Faculty of Architecture and Town Planning—2.15 p.m.
 F. 12 Faculty of Agricultural Science—2 p.m.
 Tu. 16 Faculty of Science—2 p.m. Faculty of Economics—4 p.m. Last day of entry for the Supplementary Leaving Examinations to be held in February.
 W. 17 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
 F. 19 Faculty of Music—9.15 a.m.
 M. 22 Last day of entry for the Special Degree and Diploma examinations to be held in February and March.
 Th. 25 Education Committee—2 p.m.
 M. 29 Public Holiday: Celebration of Australia Day.
 Tu. 30 Finance Committee—2.20 p.m.

FEBRUARY

- Th. 1 Hospital year begins. Faculty of Dentistry—4.30 p.m. Last day of entry for Evening Studentships.
 F. 2 Faculty of Agricultural Science—2 p.m. Council—2.20 p.m. Faculty of Medicine—8 p.m.
 M. 5 ENROLMENTS BEGIN.
 Tu. 6 Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m. Faculty of Economics—4 p.m. Supplementary Leaving Examinations begin.
 W. 7 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m. Faculty of Engineering—3 p.m.
 Th. 8 Faculty of Architecture and Town Planning—2.15 p.m.
 F. 9 Faculty of Music—9.15 a.m.
 M. 12 Special Degree and Diploma Examinations begin. Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m. Last day of enrolment for Technology and Applied Science students.
 W. 14 Advisory Committee of the University and the Q.E.H.—5 p.m. Postgraduate Committee in Medicine—8 p.m.
 Th. 15 Education Committee—2 p.m.
 M. 19 LAST DAY OF ENROLMENT. Conservatorium first term begins. LECTURES BEGIN in those subjects for the degrees of Bachelor of Technology and Bachelor of Applied Science that are given at the S.A. Institute of Technology. Finance Committee—2.20 p.m.
 F. 23 Council—2.20 p.m.

MARCH

- Th. 1 Faculty of Dentistry—4.30 p.m.
F. 2 Faculty of Medicine—8 p.m.
Sa. 3 Long vacation ends.
M. 5 **FIRST TERM BEGINS.**
NOTE: Students are required to attend such preliminary meetings of their classes in the first week of term as may be announced.
- Tu. 6 Board for Anthropological Research—1.30 p.m.
Th. 8 Faculty of Architecture and Town Planning—2.15 p.m.
F. 9 Faculty of Agricultural Science—2 p.m.
M. 12 **LECTURES BEGIN.** Board of Research Studies—9 a.m.
Faculty of Law—4.30 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
Tu. 13 Faculty of Science—2 p.m. Faculty of Economics—4 p.m.
W. 14 Faculty of Technology—2 p.m. Faculty of Arts—2.15 p.m.
Faculty of Engineering—3 p.m. Advisory Committee of the University and the Q.E.H.—5 p.m.
- F. 16 Faculty of Music—9.15 a.m.
Th. 22 Education Committee—2 p.m.
M. 26 Finance Committee—2.20 p.m.
F. 30 Council—2.20 p.m. Last day for submitting entries for the Bunday Prize.
For last day of entry for examinations in Music and the Art of Speech to be held in April—see A.M.E.B. Manual.
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The University of Adelaide

1961

VISITOR

HIS EXCELLENCY THE GOVERNOR

CHANCELLOR

THE HONOURABLE SIR JOHN MELLIS NAPIER, K.C.M.G., LL.D. Elected for the first time as from 1st February, 1948; re-elected, 1958.

DEPUTY CHANCELLOR

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. Appointed 1958; re-appointed, 1960.

VICE-CHANCELLOR

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

DEPUTY VICE-CHANCELLOR

PROFESSOR SIR MARK LEDINGHAM MITCHELL, M.Sc. (Cambridge). Appointed 1951.

THE COUNCIL

THE CHANCELLOR. A member since 1948.

THE VICE-CHANCELLOR. A member since 1958.

PROFESSOR JAMES GLADSTONE CORNELL, M.A. (Melbourne), L. ès L. (Paris), Chevalier de la Légion d'Honneur. A member since 1949. Date of last election, 23rd November, 1960.

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

JULIAN RANDAL DRIDAN, C.M.G., B.E. A member since 1955. Date of last election, 25th November, 1959.

JOHN ANGUS DUNNING, M.A. (Oxford), M.Sc. (N.Z.). Elected for the first time, 23rd November, 1960.

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

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

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

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

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

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

FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P. A member since 1949. Date of last election, 25rd November, 1960.

IVAN BEDE JOSE, M.C., M.S., F.R.C.S. A member since 1953. Date of last election, 27th November, 1957.

PROFESSOR PETER HENRY KARMEL, B.A. (Melbourne), Ph.D. (Cambridge). A member since 1955. Date of last election, 17th December, 1958.

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

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

JAMES MELVILLE, M.Sc. (N.Z.), Ph.D. (London). Elected for the first time, 26th November, 1958.

KENNETH HARVEY MILNE, B.E., M.I.E.E., M.I.E. (Aust.). A member since 1956. Date of last election, 23rd November, 1960.

PROFESSOR SIR MARK LEDINGHAM MITCHELL, M.Sc. (Cambridge). A member since 1949. Date of last election, 27th November, 1957.

THE HONOURABLE SIR FRANK TENNYSON PERRY, M.B.E., M.L.C. Appointed by Parliament for the first time, 10th August, 1949. Date of last appointment, 18th August, 1959.

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

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

WYBERT MILTON CAUST SYMONDS, B.Sc., Dip.Ed. A member since 1953. Date of last election, 23rd November, 1960.

PROFESSOR JOHN REGINALD TREVASKIS, M.A. (Cambridge). Elected for the first time, 23rd November, 1960.

ANNIE WINIFRED WALL, M.B., B.S., F.F.A., R.A.C.S. Elected for the first time, 23rd November, 1960.

SIR KENNETH AGNEW WILLS, K.B.E., M.C., E.D. A member since 1945. Date of last election, 25th November, 1959.

REGISTRAR:

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

THE SENATE

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

OFFICERS:

Warden—ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S. Elected for the first time, 23rd November, 1960.

Clerk—VICTOR ALLEN EDGELOE, B.A. Elected for the first time, 24th November, 1948; re-elected 23rd November, 1960.

THE UNIVERSITY COLLEGES

ST. MARK'S COLLEGE (Affiliated 1924)

Master—Robert Brook Lewis, B.Sc. (Melbourne), B.A.

ST. ANN'S COLLEGE (Affiliated 1939)

Principal—Lilian Bush, M.A. (Edinburgh).

AQUINAS COLLEGE (Affiliated 1947)

Rector—The Very Reverend Father Michael Arthur MacDonald Scott, S.J., M.Sc. (National University, Ireland).

LINCOLN COLLEGE (Affiliated 1951)

Master—The Reverend William Frank Hambly, M.A., B.D. (Melbourne).

COMMITTEES, FACULTIES AND BOARDS FOR 1961

EDUCATION COMMITTEE

Chairman: Professor J. R. Trevaskis

Vice-Chairman: Professor H. N. Robson

The Chancellor	The Director of the Waite Agricultural
The Vice-Chancellor	Research Institute
Mr. J. A. Dunning	The Heads of the Departments of Entomology, German, Plant Pathology, and Plant Physiology
Mr. D. A. Dunstan	
Mr. A. J. Hannan	The Librarian
Mr. I. B. Jose	The Director of Adult Education
Dr. A. Grenfell Price	A representative of the four Colleges
Mr. W. M. C. Symonds	The Professors of the University
The Deans of Faculties	
The Chairmen of Boards of Studies	

FINANCE COMMITTEE

Chairman: Mr. R. A. Simpson

The Chancellor	Mr. I. B. Jose
The Vice-Chancellor	Professor P. H. Karmel
The Deputy Vice-Chancellor	The Hon. Sir George Ligertwood
The Hon. L. H. Densley	The Hon. Sir Frank Perry
Mr. A. J. Hannan	Sir Kenneth Wills
Dr. F. Ray Hone	

FACULTY OF ARTS

Dean: Professor G. H. Lawton

Members *ex officio*:

The Chancellor	Professor M. A. Jeeves
The Vice-Chancellor	Professor P. H. Karmel
The Chairman of the Education Committee	Professor G. H. Lawton
The Dean of the Faculty of Science	Mr. E. Mander-Jones
Professor E. S. Barnes	Professor N. R. Morris
Professor John Bishop	Professor L. F. Neal
Professor J. G. Cornell	Dr. H. H. Penny
Professor W. G. K. Duncan	Professor J. J. C. Smart
Mr. M. M. S. Finnis	Professor H. Stretton
Professor C. J. Horne	Professor J. R. Trevaskis

Members appointed by the Council:

Mr. E. R. Corney	Mr. B. Mason
Miss M. H. Crampton (during Professor Cornell's absence)	Mr. R. E. C. Penny
Mr. D. A. David	Dr. A. Grenfell Price
Mr. R. W. V. Elliott	Mr. R. L. Reid
Dr. E. C. Forsyth	Dr. B. C. Rennie
Dr. C. R. S. Harris	Mr. E. Roe
Dr. K. S. Inglis	Mr. E. A. Russell
Mr. R. S. Livingstone (during Dr. Van Abbé's absence)	Mr. H. J. Siliakus
	Mr. W. M. C. Symonds
	Miss K. Woodroffe (during Professor Stretton's absence).

FACULTY OF SCIENCE

Dean: Professor G. M. Badger

Members *ex officio*:

The Chancellor	Professor G. M. Badger
The Vice-Chancellor	Professor E. S. Barnes
The Chairman of the Education Committee	Professor J. H. Bennett
The Dean of the Faculty of Agricultural Science	Mr. G. R. Fuller
The Dean of the Faculty of Arts	Professor H. S. Green
The Dean of the Faculty of Dentistry	Dr. D. L. Hayman
The Dean of the Faculty of Engineering	Professor D. O. Jordan
The Dean of the Faculty of Medicine	Professor Sir Mark Mitchell
Professor A. A. Abbie	Professor W. P. Rogers
Professor A. R. Alderman	Professor D. Rowley
	Professor E. A. Rudd
	Professor R. F. Whelan
	Dr. H. B. S. Womersley

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CLASSICS AND COMPARATIVE PHILOLOGY AND LITERATURE

The Hughes Professor:

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

Senior Lecturers:

ERIC RONALD CORNEY, M.A. Appointed Lecturer, 1938; Senior Lecturer, 1950.

ALFRED FRENCH, M.A. (Camb.). Appointed 1950.

Lecturers:

DAVID ALBERT HESTER, M.A. (Camb.). Appointed 1958.

RONALD WALTER GARSON, B.A. (Sydney and Camb.). Appointed 1959.

Senior Tutor:

KATHLEEN LILIAN HASSELL, M.A.

ANTHROPOLOGICAL RESEARCH

Reader in Australian Linguistics:

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

ENGLISH LANGUAGE AND LITERATURE

The Jury Professor:

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

Reader:

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

Reader in Australian Literature:

BRIAN ROBINSON ELLIOTT, M.A. (W.Aust.), D.Litt. Appointed Lecturer, 1940; Senior Lecturer, 1956; Reader, 1961.

Senior Lecturers:

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

GEOFFREY PIERS HENRY DUTTON, B.A. (Oxford). Appointed Lecturer, 1955; Senior Lecturer, 1961.

Lecturers:

FRANCIS HUGH MARES, B.A. (Dur.), B.Litt. (Oxford). Appointed 1957.

PETER DIXON, B.A. (Oxford), M.A. (London). Appointed 1958.

PAUL CLIFFORD HAEFFNER, M.A. (Oxford), Ph.D. (Leeds). Appointed 1958.

ROBERT VINCENT JOHNSON, Ph.D. (Manc.). Appointed 1958.

ALAN WILLIAM RUDRUM, B.A. (London). Appointed 1958.

ANTHONY MATTHEWS GIBBS, B.A. (Melb. and Oxford). Appointed 1959.

KEVIN BARRY MAGAREY, M.A. (Oxford), B.A. Appointed 1960.

Tutor:

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

FRENCH LANGUAGE AND LITERATURE

Professor:

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

Senior Lecturers:

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

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

Lecturers:

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

BRUCE WALTER ELLIS, D. de l'U. (Paris), B.A. Appointed 1960.

GERMAN LANGUAGE AND LITERATURE

Reader-in-Charge:

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

Lecturers:

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

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

Tutor:

ALDIS OTTO BONIG, B.A. (Melb.).

HISTORY

Professor:

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

Reader:

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

Senior Lecturers:

HEINZ SIGFRID KOPLOWITZ KENT, M.A. (N.Z.), Ph.D. (Camb.). Appointed Lecturer, 1955; Senior Lecturer, 1957.
 KATHLEEN WOODROOFE, M.A. Appointed Lecturer, 1951; Senior Lecturer, 1958.
 GEORGE FREDERICK RUDE, M.A. (Camb.), Ph.D. (London), F.R.Hist.S. Appointed 1960.
 WALTER ALFRED PETER PHILLIPS, M.A. (Oxford). Appointed Lecturer, 1957; Senior Lecturer, 1961.

Lecturers:

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

Tutors:

PATRICIA MARY GIBSON, B.A.
 LOUIS FERDINAND GREEN, B.A. (Qsld.).
 MEREDITH JEAN ROONEY.

HISTORY AND POLITICAL SCIENCE**Professor:**

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

Senior Lecturer in Government and Public Administration:

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

Lecturers:

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

Senior Tutor:

ROBERT HETHERINGTON, B.A.

PHILOSOPHY**The Hughes Professor:**

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

Senior Lecturers:

MAURICE MEREDITH STERIKER FINNIS, B.A. Appointed Lecturer, 1941; Senior Lecturer, 1950.
 CHARLES BURTON MARTIN, B.A. (Boston), Ph.D. (Camb.). Appointed Lecturer, 1954; Senior Lecturer, 1956.
 CHARLES FREDERICK PRESLEY, B.A. (Wales), B.Litt. (Oxford). Appointed Lecturer, 1958; Senior Lecturer, 1961.

PSYCHOLOGY**Professor:**

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

Reader:

ZOLTAN PAUL DIENES, Ph.D. (London), Dip.Ed. (Leic.). Appointed 1960.

Senior Lecturers:

SYDNEY HAROLD LOVIBOND, B.A. (Melb.), M.A., A.U.A. (Soc. Sci.). Appointed Lecturer, 1954; Senior Lecturer, 1959.
 LAURENCE BINET BROWN, M.A., Dip.Ed. (N.Z.), Ph.D. (London). Appointed Lecturer, 1957; Senior Lecturer, 1961.

Lecturers:

RONALD EDGAR COOPER PENNY, B.A. (Melb.). Appointed 1958.
 PETER HELMUT CLOW, B.A. (Melb.); Ph.D. (London). Appointed 1959.
 LAMBROS HOUSIADAS, B.A. (Thessalonika), Ph.D. (Leeds). Appointed 1961.

GEOGRAPHY**Professor:**

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

Senior Lecturers:

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

Lecturers:

ANN MARSHALL, M.Sc. (Melb.). Appointed Part-time Lecturer, 1940; Lecturer, 1958.
 CHARLES ROWLAND TWIDALE, M.Sc. (Bristol), Ph.D. (McGill). Appointed 1959.
 TREVOR LOUIS CHARLES GRIFFIN, M.A. (Wales), F.R.Met.S. Appointed 1960.
 MICHAEL WILLIAMS, Ph.D. (Wales). Appointed 1960.

Demonstrators:

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

Part-time Tutors:

JAMES MALCOLM RICHMOND.
 JANETTE DEIRDRE DRAGOVICH.

EDUCATION

Professor:

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

Lecturers:

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

DEREK MORTON TOOMEY, B.A. (Manc.), Dip.Ed. (Leeds). Appointed 1960.

Part-time Lecturers:

ROBERT SYMES COGGINS, B.Sc., B.A., Dip.Ed. Appointed 1961.

GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.P.H., D.T.M. (Syd.). Appointed 1951.

RALPH KEITH MARTIN, B.Ed. (Melb.), B.A. Appointed 1955.

ANNIE JOHNSON MILNE, B.A., Dip.Ed. Appointed 1959.

FACULTY OF ECONOMICS**ECONOMICS**

The George Collin Professor:

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

Readers:

RONALD ROBERT HIRST, M.Ec. Appointed Lecturer, 1946; Reader, 1950.

ERIC ALFRED RUSSELL, B.A., B.Com. (Melb.), M.A. (Camb.). Appointed Senior Lecturer, 1952; Reader, 1958.

Reader in Agricultural Economics:

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

Senior Lecturer:

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

Senior Lecturer in Agricultural Economics:

JOHN LOUIS DILLON, B.Sc.Agr. (Sydney), Ph.D. (Iowa). Appointed 1961.

Lecturers:

ROBERT HENRY WALLACE, B.Com. (Melb.), B.Phil. (Oxford). Appointed 1956.

GEOFFREY COLIN HARCOURT, M.Com. (Melb.), Ph.D. (Camb.). Appointed 1958.

DONALD HENRY WHITEHEAD, B.A. (Oxford). Appointed 1958.

ALLAN DOUGLAS BARTON, B.Com. (Melb.). Appointed 1959.

KEITH JACKSON HANCOCK, B.A. (Melb.), Ph.D. (London). Appointed 1959.

MAUREEN DORIS BRUNT, B.Com. (Melb.). Appointed 1960.

Tutor:

MARGARET EVELYN LAWRENCE, B.A.

Research Fellow (Commonwealth Bank Grant):

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

COMMERCE

Professor:

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

Lecturers:

JAMES WILLIAM BENNETT, B.Com. (Melb.). Appointed 1958.

ROBERT HENRY PARKER, B.Sc. (Econ.) (London), A.C.A. Appointed 1959.

KEITH GERALD JONES, B.Com. (Melb.), A.A.S.A. Appointed 1961.

FACULTY OF SCIENCE**MATHEMATICS**

The Elder Professor of Pure Mathematics and Head of the Department:

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

Professor of Applied Mathematics:

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

Professor of Mathematical Statistics:

EDMUND ALFRED CORNISH, B.Agr.Sc. (Melb.), D.Sc., F.A.A. Appointed 1960.

Reader:

GEORGE SZEKERES, Dip.Chem.Eng. (Budapest). Appointed Lecturer, 1948; Senior Lecturer, 1950; Reader, 1957.

Senior Lecturers:

MAURICE CHADWICK GRAY, B.Sc. Appointed Lecturer, 1943; Senior Lecturer, 1950.

BASIL CAMERON RENNIE, M.A., Ph.D. (Camb.). Appointed 1950.

MAURICE NORMAN BREARLEY, B.E. (W.A.), B.Sc. (Syd.), M.A. (Camb.), Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1958.

DAVID ELLIOTT, M.Sc. (London), M.S.E. (Princeton). Appointed 1958.

JAMES HENRY MICHAEL, Ph.D. Appointed Lecturer, 1958; Senior Lecturer, 1959.

Lecturers:

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

Senior Tutor:

ROBERT PALMER HALE, B.A. (Camb.), B.Sc.

Tutors:

MARTA SVED, B.Sc.
 MURIEL JEAN GRACE, B.Sc.

Part-time Tutor:

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

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

STANLEY GORDON TOMLIN, Ph.D. (London), F.Inst.P. Appointed Senior Lecturer, 1950; Reader, 1953.

Senior Lecturers:

GEORGE RAYNER FULLER, B.Sc. Appointed Assistant Lecturer, 1927; Lecturer, 1946; Senior Lecturer, 1950.
 GORDON JAMES AITCHISON, Ph.D. Appointed Lecturer, 1946; Senior Lecturer, 1954.
 WILLIAM GRAHAM ELFORD, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.
 DAVID JOHN SUTTON, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.
 EDWIN HARRY MEDLIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1960.

Lecturers:

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

Senior Demonstrator:

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

Demonstrators:

ROY EDWIN WHITE, B.A. (Camb.).
 ALAN CHARLTON BASTIAN, B.Sc. (W. Aust.).
 DEAN ROBERT DOWLING.

MATHEMATICAL PHYSICS**Professor:**

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

Reader:

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

Senior Lecturer:

IAN ELLERY MCCARTHY, Ph.D. Appointed Lecturer, 1960; Senior Lecturer, 1961.

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

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

Senior Lecturers:

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

Lecturers:

STANLEY WALLACE KENNEDY, Ph.D. (Belfast). Appointed 1957.
 THOMAS KURUCSEV, Ph.D. Appointed 1958.
 THOMAS NORMAN BELL, Ph.D. (Durham). Appointed 1958.
 MAURICE LEON MARTIN, B.A., B.Sc., Dip.Ed. Appointed 1959.
 JOHN HEWLETT COATES, B.Sc. (Nottingham), Ph.D. Appointed in Agricultural Chemistry, 1957; Physical and Inorganic, 1959.
 ALEXANDER ADAMANTIOU DIAMANTIS, M.Sc. (Sydney), Ph.D., D.I.C. (London). Appointed 1959.
 BARRY JOHN STEEL, B.Sc. (W.A.), Ph.D. (N.E.). Appointed 1960.
 GERALD STEVEN LAURENCE, M.Sc. (W.A.), Ph.D. (Leeds), A.R.A.C.I. Appointed 1961.

ORGANIC CHEMISTRY**Professor:**

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

Readers:

HAROLD JAMES RODDA, Ph.D. (Camb.), M.Sc. Appointed Senior Lecturer, 1951; Reader, 1957.

JOHN WILLIAM CLARK-LEWIS, B.Sc. (London), B.Pharm., Ph.D. (Nott.), F.R.I.C. Appointed Senior Lecturer, 1955; Reader, 1960.

Senior Lecturer:

GRAHAM ETHELBERG LEWIS, Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1961.

Lecturers:

WOLFGANG HERMANN FRITZ SASSE, Ph.D. Appointed 1956.

ATHELSTAN LAURENCE JOHNSON BECKWITH, B.Sc. (W.A.), D.Phil. (Oxford). Appointed 1958.

GEORGE EDWARD GREAM, M.Sc. (N.E.). Appointed 1961.

RICHARD ALAN JONES, B.A., B.Sc. (Oxford), Ph.D. (Camb.). Appointed 1961.

RALPH ALAN MASSEY-WESTROPP, M.Sc. (Syd.), Ph.D. (Manc.). Appointed 1961.

GEOLOGY AND MINERALOGY**Professor:**

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

Reader in Geology and Palaeontology:

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

Senior Lecturers:

ALFRED WILLIAM KLEEMAN, Ph.D. Appointed Lecturer, 1939; Senior Lecturer, 1950.

ROBERT LANGFORD OLIVER, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed Lecturer, 1958; Senior Lecturer, 1960.

Lecturers:

JOHN BRETT JONES, B.Sc. (Qsld.), Ph.D. (Wisconsin). Appointed 1959.

JAMES LAWRENCE TALBOT, B.A. (Camb.), M.A. (California). Appointed 1958.

BRIAN DALLY, Ph.D. Appointed 1961.

Senior Demonstrators:

ELIZABETH MAUD McBRIAR, B.Sc. (Melb.).

MARY JULIA WADE, Ph.D.

Demonstrators:

CHRISTOPHER CARL VON DER BORCH, B.Sc.

KINGSLEY JOHN MILLS, B.Sc.

Laboratory Steward:

HECTOR EDWARD EARL BROCK.

ECONOMIC GEOLOGY**Professor:**

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

BOTANY**Professor:**

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

Reader:

HUGH BRYAN SPENCER WOMERSLEY, Ph.D., D.Sc. Appointed Lecturer, 1946; Senior Lecturer, 1950; Reader, 1961.

Senior Lecturer:

JAMES PETER REEVE RICHES, M.A., Ph.D. (Camb.). Appointed Lecturer, 1953; Senior Lecturer, 1956.

Systematic Botanist:

CONSTANCE MARGARET EARDLEY, M.Sc. Appointed 1950.

Senior Demonstrator:

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

Demonstrators:

MARGARET ELVA JACKMAN, B.Sc.

JUDITH EILEEN BROWN, B.Sc.

PETER HAMILTON SMITH, B.Sc. (N.Z.).

ELIZABETH ADELAIDE ANNE HALL, B.Sc.

SHIRLEY RAE SHANKS, B.A. (N.Z.).

Senior Lecturer:**BIOLOGY**

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

Lecturer:

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

Senior Demonstrator:

ESTELLE ANNE SHEPLEY, M.Sc.

ZOOLOGY**Professor:**

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

Senior Lecturers:

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

STANLEY JOE EDMONDS, B.A., Ph.D. Appointed Lecturer, 1952; Senior Lecturer, 1955.

GEOFFREY BRUCE SHARMAN, B.Sc. (Tas.). Appointed Lecturer, 1956; Senior Lecturer, 1959.

Senior Demonstrator:

LAURA MADELINE ANGEL, M.Sc.

Demonstrators:

LEOLA BETH TWIST, B.Sc.

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

LAWRENCE JOHN BENNETT, B.Sc. (Wales).

ANIMAL ECOLOGY**Reader:**

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

Senior Lecturer:

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

Research Fellow (Wool Research Fund):

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

BIOCHEMISTRY AND GENERAL PHYSIOLOGY**Professor:**

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

Reader:

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

Senior Lecturer:

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

Lecturer:

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

Part-time Lecturer in Agricultural Biochemistry:

IVAN GEORGE JARRETT, M.Sc.

Demonstrators:

GRETEL MARY STANBURY, B.Sc.

GULIELMA HACK.

PATRICIA MARGARET WILSON, B.Sc.

Part-time Tutor:

JOAN BURTON PATON, M.Sc.

HUMAN PHYSIOLOGY AND PHARMACOLOGY**Professor:**

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

Reader:

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

Reader in Pharmacology:

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

Senior Lecturers:

DAVID IAN BEVISS KERR, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1955.

ALLAN JOHN DAY, D.Phil. (Oxford), M.Sc., M.D. Appointed Lecturer, 1954; Senior Lecturer, 1955.

Temporary Lecturer:

PETER GLYNN DELLOW, B.D.S., M.B., B.S. Appointed 1959.

Demonstrators:

JOHN NEILSON McNALLY, B.Sc.

REGINALD BERNARD PORTER, B.Sc.

DOLLY CHEAH, B.Sc.

MICROBIOLOGY**Professor:**

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

Reader:

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

Lecturers:

FRANK MILES COLLINS, M.Sc. Appointed Assistant Lecturer and Demonstrator, 1952; Lecturer, 1954.

CHARLES REINHOLD JENKIN, Ph.D. (London). Appointed 1960.

EUGENE ROBIN JOSEPH PAVILLARD, M.B., B.S. (London). Appointed Research Fellow, 1960; Lecturer, 1961.

Research Fellow (Wellcome Trust Grant):

PETER REEVES, Ph.D. (London). Appointed 1961.

Demonstrators:

ANTHONY HOWARD ROGERS, B.Sc.

GORDON ERNEST SCHWAB, B.Sc.

AILEEN JOYCE THOMPSON, B.Sc.

GENETICS**Professor:**

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

Senior Lecturers:

GEORGE MELROSE ELTON MAYO, Ph.D. Appointed Agronomist, 1947; Plant Geneticist, 1950; Senior Lecturer, 1957.

MARJORIE JEAN MAYO, Ph.D. (Camb.), M.Sc. (Melb.). Appointed Lecturer, 1952; Senior Lecturer, 1957.

Lecturer:

DAVID LINDSAY HAYMAN, Ph.D. Appointed 1959.

FACULTY OF AGRICULTURAL SCIENCE

and

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

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

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

ROBERT KERFORD MORTON, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A. Appointed 1957.

Readers:**Soil Science:**

JAMES PATRICK QUIRK, B.Sc.Agr. (Syd.), Ph.D. (Lond.). Appointed 1956.

Virology:

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

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

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

Enzyme Chemistry:

MAURICE RAYMOND ATKINSON, Ph.D. (Tas.). Appointed Lecturer, 1957; Senior Lecturer, 1961.

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

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

Virus Chemistry:

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

Soil Chemistry:

DAVID GRAY LEWIS, M.Sc. Appointed 1951.

Protein Biochemistry (Wheat Industry Fund):

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

Animal Biochemistry:

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

Soil Science:

ALAN MEYER POSNER, Ph.D. (London). Appointed 1960.

Analyst:

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

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

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

Readers:

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

Plant Breeding and Genetics:

KEITH WARREN FINLAY, Ph.D. (W.A.). Appointed Senior Lecturer, 1955; Reader, 1961.

Senior Lecturers:**Agronomy:**

KEITH PERCIVAL JOHN BARLEY, M.Agr.Sc. (Melb.). Appointed Lecturer, 1955;
Senior Lecturer, 1958.
RICHARD JAMES MILLINGTON, M.Sc. (Syd.), Ph.D. Appointed Lecturer, 1952;
Senior Lecturer, 1959.

Agrostology:**Animal Production (Mortlock Fellow)**

WILLIAM GEORGE ALLDEN, M.A. (Camb.). Appointed Lecturer, 1956; Senior
Lecturer and Mortlock Fellow, 1961.

Lecturers:**Botany:**

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

Agronomy:

JAMES KELVIN POWRIE, B.Sc. (Agric.)(W.A.), M.Sc. Appointed 1958.

Plant Breeding and Genetics:

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

DAVID HEREWARD BURNABY SPARROW, B.Sc. (Reading) (Barley Improvement
Fund). Appointed 1960.

Animal Production (Wool Research Fund):

GRAHAM CHARLES EVERITT, M.Sc. (Wales). Appointed 1961.

Agrostology:

JAMES HENRY SILSBURY, M.Sc. (Agric.)(W.A.). Appointed 1956.

EDWARD DIMENT CARTER, B.Ag.Sc. Appointed 1960.

Species Studies:

JAMES ALFRED CARPENTER, M.Sc. (Agric.) (W.A.) Appointed 1961.

Wheat Geneticist (Wheat Industry Fund):

KENNETH WILLIAM SHEPHERD, B.Ag.Sc. Appointed 1961.

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

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

BRUCE JOHNSON, B.Sc.Agr. (Syd.), Ph.D. (London). Appointed Lecturer, 1955;
Senior Lecturer, 1960.

FURNESS DAVID MORGAN, M.Sc. (N.Z.), Ph.D. (Calif.). Appointed Lecturer,
1958; Senior Lecturer, 1961.

Lecturers:

KEITH MURRAY DOULL, M.Agr.Sc. (N.Z.). Appointed 1955.

DEREK ALAN MAELZER, M.Sc. (W.A.), Ph.D. Appointed 1956.

PETER WALLACE MILES, M.Sc. (Rhodes), Ph.D. (Camb.). Appointed 1957.

DOUGLAS JOHN TAYLOR, B.Sc. (Wales), Dip.Ag.Sc. (Camb.), Dip.Trop.Agr.
(Trin.), (Wool Research Fund). Appointed 1957.

JOHN MALCOLM MONRO, B.Sc. (Syd.). Appointed 1958.

Assistant Systematic Entomologist:

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

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

NOEL THOMAS FLENTJE, Ph.D. (Lond.), M.Sc. Appointed Lecturer, 1947;
Senior Lecturer, 1951; Reader, 1958.

Senior Lecturers:**Microbiology:**

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

Plant Pathology:

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

Systematic Mycologist (Department of Health Grant):

PATRICK HENRY BRABAZON TALBOT, M.Sc. (Sth. Africa), Ph.D. (London).
Appointed 1960.

Lecturers:**Plant Pathology:**

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

MAURICE VERNON CARTER, M.Ag.Sc. Appointed Research Officer, 1953;
Lecturer, 1956.

BRUCE GARNET CLARE, B.Sc. (Q'land). Appointed Temporary Lecturer, 1958;
Lecturer, 1960.

Nematology:

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

Forest Pathology:

LAURI OLAVI VAARTAJA, Ph.D. (Helsinki). Appointed 1960.

Virology:

RICHARD FRANCKI, M.Sc. (N.Z.). Appointed 1961.

PLANT PHYSIOLOGY

Reader, and Head of the Department:

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

Lecturers:

Plant Physiology:

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

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

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

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

Horticulture:

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

OTHER OFFICERS

Reader in Biometrics:

Secretary:

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

Farm Manager:

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

Librarian:

SHIRLEY JEAN SUSMAN, B.Sc. Appointed 1951.

Photographer:

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

FACULTY OF ENGINEERING**CIVIL ENGINEERING**

Professor:

FRANK BERTRAM BULL, M.A. (Camb.), B.Sc. (London). Appointed 1952.

Readers:

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

GEORGE SVED, Dip.Mech.Eng. (Budapest). Appointed Senior Lecturer, 1950; Reader, 1958.

Senior Lecturers:

ARTHUR JAMES ROBINSON, B.C.E. (Melb.). Appointed Testing Officer, 1937; Assistant Lecturer, 1940; Lecturer, 1946; Senior Lecturer, 1950.

ROBERT CULVER, B.Sc., B.E. Appointed Lecturer, 1949; Senior Lecturer, 1954.

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

MAURICE ARNOLD, B.Sc. (Eng.) (Natal), M.A.S.C.E., A.M.S.Afr.I.C.E., A.M.N.Z.I.E. Appointed 1960

Lecturers:

DAVID STIRLING BROOKS, M.E. Appointed 1958.

GEOFFREY SEWELL WEST, B.Sc. (Eng.) (London). Appointed 1960.

ELECTRICAL ENGINEERING

Professor:

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

Reader:

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

Senior Lecturers:

GORDON ALBERT ROSE, B.E. Appointed 1958.

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

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

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

Lecturer:

BRIAN HARTLEY SMITH, B.E. Appointed 1961.

Part-time Lecturers:

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

JOHN STUART PACKER, B.E. Appointed 1960.

KEITH DERWENT VAWSER, B.E. Appointed 1960.

Demonstrator:

GEORGE KAROLYI, B.E.

MECHANICAL ENGINEERING

Professor:

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

Reader:

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

Senior Lecturers:

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

DOUGLAS HECTOR NORRIE, B.E., B.Sc. (N.Z.). Appointed Lecturer, 1957; Senior Lecturer, 1959.

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

Lecturers:

JAMES HENRY FOWLER, B.E. Appointed 1956.

ANTHONY GEORGE THOMPSON, B.E. (Auckland), A.M.Mech.E. Appointed 1958.

ROBERT BRUCE KING, B.Sc. (Syd.), A.S.T.C. Appointed 1959.

Honorary Lecturer (and Head of the Department of Mechanical Engineering in the South Australian Institute of Technology):

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

Part-time Lecturer in Industrial Engineering:

DAVID LLEWELLYN ELIX, B.E. Appointed 1954.

MINING, METALLURGICAL AND CHEMICAL ENGINEERING

Professor, and Director of the Bonython Laboratories:

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

Reader in Mining Engineering:

Reader in Chemical Engineering:

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

Senior Lecturer in Chemical Engineering:

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

Lecturer:

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

FACULTY OF LAW

The Bonython Professor of Laws:

NORVAL RAMSDEN MORRIS, LL.M. (Melb.), Ph.D. (London). Appointed 1958.

Reader:

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

Senior Lecturers:

ALEXANDER CUTHBERT CASTLES, LL.B. (Melb.), J.D. (Chicago). Appointed 1958.

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

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

HORST KLAUS LÜCKE, Dr.Jur. (Cologne), M.C.J. (New York). Appointed 1961.

Part-time Lecturers:

In the Law of Property:

WILLIAM ANDREW NOYE WELLS, B.A., B.C.L. (Oxford), LL.B. Appointed 1954.

In the Law of Equity and Conveyancing:

BRIAN OSWALD HUNTER, LL.B. Appointed 1956.

In the Law of Evidence:

ELWYN BEWELL SCARFE, LL.B. Appointed 1956.

In the Law of Procedure:

GEORGE HENRY WALTERS, LL.B. Appointed 1961.

In Legal Ethics:

JOHN NEIL McEWIN, LL.B. Appointed 1953.

In Roman Law:

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

In Family Law:

ROMA FLINDERS MITCHELL, LL.B. Appointed 1960.

In Taxation Law:

ALEXANDER KEITH SANGSTER, LL.B. Appointed 1960.

In Commercial Law:

SAMUEL JOSHUA JACOBS, LL.B. Appointed 1956.

OSCAR CEDRIC ISAACHSEN, LL.B. Appointed 1953.

Tutors:

MALCOLM CARROLL ATKINSON.

GRAHAM ERIC PARKER, LL.B.

FACULTY OF MEDICINE

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

STUDIES IN HUMANITIES FOR MEDICAL STUDENTS

Reader:

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

Part-time Tutor:

MARGARET SYLVIA ELLIOTT, B.A. (N. Staffs.).

ANATOMY AND HISTOLOGY

The Elder Professor:

ANDREW ARTHUR ABBIE, M.D., B.S., D.Sc. (Syd.), Ph.D. (London), F.R.A.C.P. Appointed 1945.

Reader:

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

Senior Lecturers:

JOHN HENRY MARTIN GODFREY VAN DETH, M.D. (Brussels). Appointed 1960.
ROBERT ANGUS BARBOUR, M.B., B.S. Appointed Lecturer, 1956; Senior Lecturer, 1961.

Lecturer:

GRAEME SORBY ADAMS, M.B., B.S. Appointed 1959.

Temporary Lecturer:

PHILIP WILLIAM SANTO MESSENT, M.B., B.S. Appointed 1961.

Lecturer in Histology:

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

Senior Demonstrator in Histology:

JUDITH SCHRODER, B.Sc.

PATHOLOGY

The George Richard Marks Professor:

JAMES STRUAN ROBERTSON, M.B., B.S. (Syd.), D.Phil. (Oxford). Appointed 1949.

Reader:

ROSS TRELOAR WISHART REID, M.D., M.C.P.A. Appointed Lecturer, 1950; Senior Lecturer, 1952; Reader, 1957.

Senior Lecturer in Forensic Pathology:

PHILIP RICHARD HODGE, M.B., B.S. Appointed 1958.

Lecturers:

KEITH DOUGLAS MURRAY, M.B., B.S. (Syd.). Appointed 1957.
ATHOL WILLIAM JOHN LYKKE, M.B., B.S. Appointed Temporary Lecturer, 1959; Lecturer, 1959.
LEONARD RAYMOND MATZ, M.B., B.S. Appointed Temporary Lecturer, 1960; Lecturer, 1961.

Temporary Lecturer:

RICHARD JOHN BURNS, M.B., B.S. Appointed 1961.

MEDICINE

The Mortlock Professor:

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

Reader:

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

Senior Lecturers:

HARRY LANDER, M.B., B.S., M.R.A.C.P. Appointed 1959.
DAVID NORMAN PHEAR, M.A., M.D. (Camb.), M.R.C.P. (London). Appointed 1961.

Part-time Lecturers:

In Medicine at the Royal Adelaide Hospital:

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

In Medicine at the Queen Elizabeth Hospital:

ROBIN ARCHIBALD BURSTON, M.B., B.S., M.R.C.P. (Lond. and Edin.), M.R.A.C.P. Appointed 1960.

In Psychological Medicine:

HARRY MILTON SOUTHWOOD, B.Sc., M.D., M.R.A.C.P. Appointed 1949.

In Pulmonary Tuberculosis:

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

Part-time Tutors:**In Medicine at the Royal Adelaide Hospital:**

IVAN MAURICE HENRY CAMENS, M.B., B.S., M.R.A.C.P.
 DAVID EVERSON DUNN, M.B., B.S., M.R.C.P.
 ROBERT HECKER, M.D., M.R.C.P., M.R.A.C.P., D.T.M. and H. (Liv.).
 DENE ALAN HICKS, M.B., B.S., M.R.A.C.P.
 RICHARD HAROLD CHARLES RISCHBIETH, M.B., B.S., M.R.C.P. (Edin. and Lond.), M.R.A.C.P.
 JOHN LANE WADDY, B.Sc., M.B., B.S., M.R.A.C.P.

In Medicine at the Queen Elizabeth Hospital:

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

In Infectious Diseases:

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

In Clinical Psychiatry:

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

Teaching Registrar in Medicine, Queen Elizabeth Hospital:

ALEXANDER GEOFFREY SANDISON, M.B., B.S.

Full-time Assistant to the Professor:

ROBERT LEY HODGE, M.B., B.S., M.R.A.C.P.

Michell Research Worker:

DONALD JOHN DELLER, M.B., B.S. (Sydney), M.R.A.C.P.

Research Fellow:

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

Demonstrator:

BRIAN FRANCIS GOOD, B.Sc.

SURGERY**Professor:**

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

Reader:

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

Senior Lecturer:

LOUIS JONAH OPIT, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S. Appointed Part-time Senior Lecturer, 1959; Senior Lecturer, 1960.

Part-time Senior Lecturer:**At the Royal Adelaide Hospital:**

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

Part-time Lecturers:**In Surgery at the Royal Adelaide Hospital:**

JOHN RUSSELL BARBOUR, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1954.
 ALISTAIR CAMPBELL McEACHERN, M.B., M.S., F.R.C.S. (Eng. and Edin.),
 F.R.A.C.S. Appointed 1951.

ALAN HARDING LENDON, M.B., B.S., F.R.C.S., F.R.A.C.S. Appointed 1950.

In Surgery at the Queen Elizabeth Hospital:

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

In Ophthalmic Surgery (Dr. Charles Gosse Lecturer).

THOMAS LESLIE McLARTY, M.D., D.O.M.S. Appointed 1954.

In Diseases of the Ear, Nose and Throat:

ALFRED SYDNEY DE BOHUN COCKS, M.B., M.S., D.L.O. (R.C.P. and S.),
 F.R.A.C.S. Appointed 1959.

In Surgical Diseases of Children:

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

In Anaesthetics:

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

Part-time Tutors:**In Surgery and Applied Anatomy at the Royal Adelaide Hospital:**

JOHN ROBERT BADGER, M.B., B.S., F.R.C.S. (Eng. and Edin.).
 BRIAN LESLIE CORNISH, M.B., B.S., F.R.C.S. (Eng. and Edin.), F.R.A.C.S.
 RICHARD ENGLISH DUNSTAN, M.B., B.S., F.R.C.S., F.R.A.C.S.
 LEHONDE LUCAS HOARE, M.B., B.S., F.R.C.S., F.R.A.C.S.
 RONALD HUNTER, M.B., B.S., F.R.C.S., F.R.A.C.S.
 DONALD STUART KIDD, M.B., B.S., F.R.C.S., F.R.A.C.S.
 DONALD BARTON McLEAY, M.B., B.S., F.R.A.C.S.
 MAURICE GLEN MAGUIRE, M.B., B.S., F.R.C.S., F.R.A.C.S.
 JOHN PATRICK RICHARDSON, M.B., B.S., F.R.C.S., F.R.A.C.S.
 MERVYN KEITH SMITH, M.B., B.S., F.R.C.S., F.R.A.C.S.
 BARTON FREDERICK VENNOR, M.B., M.S., F.R.C.S., F.R.A.C.S.
 CHARLES GRAHAM WILSON, M.B., B.S., F.R.C.S. (Eng. and Edin.), F.R.A.C.S.

In Surgery and Applied Anatomy at the Queen Elizabeth Hospital:

COLIN GORDON PAULL, M.B., B.S., F.R.C.S., F.R.A.C.S.
 WILLIAM DAVID PROUDMAN, M.B., B.S.
 VIVIAN EALDEN REES, B.Sc., M.R.C.S., L.R.C.P., D.A. (R.C.P. and S.).

In Surgical Pediatrics at the Adelaide Children's Hospital:

GEOFFREY GURNER WYLLIE, M.B., B.S., F.R.C.S., F.R.A.C.S.

Teaching Registrar in Surgery at the Royal Adelaide Hospital:

JAMES CROWE DAVIDSON MILL, M.B., B.S., F.R.C.S.

Teaching Registrar in Surgery at the Queen Elizabeth Hospital:

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

Research Fellow:

JOSEPH PATRICK SAVAGE, M.B., B.S., F.R.A.C.S.

OBSTETRICS AND GYNAECOLOGY**Professor:**

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

Reader:

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

Senior Lecturer:

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

Part-time Tutors:

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

Part-time Tutor in Mothercraft:**CHILD HEALTH****The McGregor Reid Professor:**

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

Temporary Lecturer:

GARRY MALCOLM KNEEBONE, M.B., B.S., M.R.A.C.P. Appointed 1960.

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

THOMAS HUDSON BEARE, M.B., B.S., M.R.C.P. (Lond. and Edin.), M.R.A.C.P.
 HUGH MATHESON DOUGLAS, M.B., B.S.

At The Queen Elizabeth Hospital:

HENRY GEORGE RUSCHBIETH, M.B., B.S., D.C.H. (R.C.P. and S.), M.R.A.C.P.

At The Queen Victoria Maternity Hospital:

ERIC BALDWIN SIMS, M.D., B.S., F.R.A.C.P.

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

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

Demonstrators in Public Health and Preventive Medicine:

HARRY FENWICK HUSTLER, M.B., B.S. (Melb.), D.P.H. (Syd.).
 GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.T.M., D.P.H. (Syd.).

Tutor in Radiology:

MARTIN DESMOND BEGLEY, M.B., B.S. (Lond.), M.R.C.S., L.R.C.P., D.D.R.
 (Melb.), M.C.R.A., M.R.A.C.P., F.F.R.

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

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

PROSTHETIC DENTISTRY**Reader:**

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

Part-time Lecturer:

KENNETH JAMES ROBERTSON, M.D.S. Appointed 1961.

Part-time Tutors:

ROBERT STEWART BLACKBURN, B.D.S. Appointed 1949.
 JOHN BICE DAY, B.D.S. Appointed 1949.
 HAROLD BRUCE FRAYNE, M.D.S. Appointed 1949.
 REUBEN JOHN MYHILL, B.D.S. Appointed 1961.
 CHRISTOPHER MALCOLM SOMERVILLE, B.D.S. Appointed 1961.

Part-time Demonstrators:

JOHN BLUM, B.D.S. Appointed 1959.
 KENNETH AYLESBURY BROWN, B.D.S. Appointed 1959.
 JOHN FRANCIS BURROW, B.D.S. Appointed 1961.
 THOMAS EGON KRASSAY. Appointed 1961.

CONSERVATIVE DENTISTRY**Part-time Lecturer/Instructor:**

JOHN ALEXANDER REINERS, B.D.S. Appointed 1961.

Part-time Tutors:

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed 1960.
 HAROLD VERNON CLARKE. B.D.S. Appointed 1949.
 REGINALD FRANK HARRINGTON, B.D.S. Appointed 1960.
 JOHN FREDERIC LAVIS, M.D.S. Appointed 1961.
 GLENN MILLHOUSE. B.D.S. Appointed 1952.
 ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S. Appointed 1947.

Part-time Tutor in Children's Dentistry:

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

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

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

DENTAL ANATOMY**Lecturer:**

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

DENTAL SURGERY AND PATHOLOGY**Reader:**

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

Senior Lecturer:

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

Part-time Tutors:

KEVIN READING MOORE, B.D.S. Appointed 1959.
 THOMAS BRUCE LINDSAY, M.B., B.S., M.D.S. Appointed 1960.

ORTHODONTIA**Part-time Lecturer:**

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

Part-time Tutor:

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

PERIODONTIA**Lecturer:**

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

PART-TIME LECTURERS**Surgery:**

JAMES ESTCOURT HUGHES, M.B., M.S. Appointed 1954.

Medicine:

JOHN MILROY McPHIE, M.B., B.S., M.R.A.C.P. Appointed 1955.

Dental Materia Medica and Therapeutics:

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

Principles of Dental Practice:

ROGER GEORGE WILLOUGHBY, D.D.S. (Northwestern), M.D.S. Appointed 1960.

Children's Dentistry:

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

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

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

PART-TIME TUTORS**In Medicine:**

ROBERT HECKER, M.D., M.R.C.P., M.R.A.C.P., D.T.M. and H. Appointed 1958.

In Surgery:

DONALD BARTON McLEAY, M.B., B.S., F.R.A.C.S. Appointed 1954.

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HAROLD BRUCE FRAYNE, M.D.S. Appointed 1961.
 KENNETH AYLESBURY BROWN, B.D.S. Appointed 1961.

FACULTY OF MUSIC

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THE ELDER CONSERVATORIUM OF MUSIC

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

THEORETICAL SCHOOL

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Lecturers:

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

Part-time Lecturer:

ALISON JOYCE HOLDER, Mus.Bac.

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JAMES COBURN GOVENLOCK, Mus.Bac., F.R.C.O.

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ENID WILLIAMS.

Organ:

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HAROLD FAIRHURST.
LADISLAV JASEK.
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JOHN DAVID BISHOP.
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DAVID CUBBIN.

Oboe:

NOEL POST.

Clarinet:

KEVIN MURPHY.

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French Horn:

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Italian:

GEORGE MASERO, Dott. in Lettere (Genoa).

German:

EDITH DUBSKY.

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

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JOHN LEONARD PORTER. Appointed 1956.

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

Reader:

GILBERT, HERBERT, M.Arch., Dip.T.P. (Rand.), A.R.I.B.A., M.I.A. Appointed
1961.

Senior Lecturers:

HERBERT NEVILLE HOSKINGS, Dip.Arch. (Polytechnic), A.R.I.B.A., A.R.A.I.A.
Appointed 1957.
JAMES DERRICK KENDRICK, B.Sc. (Tech.) (Manc.). Appointed 1958.

Lecturer:

TORBEN SCHIOTT, M.A.A. (Denmark). Appointed 1961.

Part-time Lecturers:

GEORGE PARK DUNCAN, D.A., Dip.T.P. (Edin.), F.R.I.C.S., A.R.I.B.A., A.I.Q.S.
(Aust.), M.A.P.I.
DONALD JOHN CRISP, F.R.I.C.S., F.I.Q.S. (Aust.), M.R.San.I., A.I.A.S. Appointed
1961.

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IN TEACHING IN THE FACULTY OF TECHNOLOGY.

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 ERIC ARTHUR TAMLIN, B.Sc. (Mathematics).
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 WILLIAM STEVENSON BOUNDY, B.Sc., Dip.Ed. (Mathematics).
 DESMOND JOHN CLARKE, B.Sc. (W.A.) (Mathematics).
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 COLIN RAYMOND McGEE, B.Sc. (Physics).

MECHANICAL ENGINEERING

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 BRUCE EDWARD FREDERICK MALONE, B.Tech. (Engineering Drawing and Design).
 DONALD CHARLES McDONALD, A.S.A.S.M. (Engineering Drawing and Design).
 BERT VAN DAAL, Dip.Mech.Eng. (Holland) (Engineering Drawing and Design).
 JACK HUBERT BARTHOLOMEW (Workshop Practice).

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 (Head of Department and Director of the Bonython Laboratories).
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 ROY VERNON CULVER, B.Sc., Ph.D., A.S.A.S.M., D.I.C. (Applied Chemistry).
 WILLIAM THOMAS DENHOLM, B.Met.E., M.Eng.Sc. (Melb.), Ph.D. (Physical Metallurgy).
 MALCOLM HILL, B.E., F.S.A.S.M. (Mineral Dressing).
 REGINALD EDWARD UNDERDOWN, M.Sc., B.Tech., A.U.A. (Industrial Instrumentation).
 FRANTIŠEK VNUK, B.A., B.Sc., A.S.A.S.M. (Physical Metallurgy).
 HARRY WATTS, B.Sc., Ph.D. (Bristol), (Applied Physical Chemistry).
 JAMES DURIE ESDAILE, B.E.

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Senior Lecturer on Materia Medica, Pharmacy, and Dispensing:

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

Lecturer in Pharmacy:

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

Temporary Lecturer:

BERESFORD HANNAM STOCK, A.U.A.

Part-time Lecturers:

In Forensic Pharmacy:

RODERICK CHARLES McCARTHY, A.U.A.

In Commercial Pharmacy:

RODERICK CHARLES McCARTHY, A.U.A.

DEPARTMENT OF PHYSICAL EDUCATION

Senior Lecturer-in-Charge:

BERT FREDERICK GEORGE APPS, B.A., Dip.Ed., D.P.E. (Melb.). Appointed Lecturer-in-Charge, 1947; Senior Lecturer-in-Charge, 1950.

Lecturers:

ELIZABETH MERYON BARWELL, D.P.E. (Bedford), M.C.S.P. (London). Appointed 1948.

ANTONY WILLIAM SEDGWICK, B.A. (Birmingham). Appointed 1959.

DEPARTMENT OF SOCIAL STUDIES

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RAYMOND GEORGE BROWN, B.A., Dip.Soc.Stud. (Melb.), M.S.S. (Bryn Mawr), Ph.D. (Birm.). Appointed 1959.

Lecturer:

MARGARET NORTON, B.Com., Dip.Soc.Stud. (Melb.), M.A. (Chicago). Appointed 1957.

Tutor:

PAMELA ELSIE RINGWOOD, B.A., LL.B., A.U.A. (Soc.Sci.).

Part-time Tutor:

HELEN LAWTON, A.U.A. (Soc.Sci.).

DEPARTMENT OF PHYSIOTHERAPY

Senior Lecturer-in-Charge:

ELMA GERTRUDE CASELY, T.M.M.G. Appointed Lecturer-in-Charge, 1946;
Senior Lecturer-in-Charge, 1961.

Lecturer:

MARIE JOAN HAMMOND, A.U.A., T.M.M.G., T.E.T. Appointed 1960.

Part-time Lecturers:

In Physics of Medical Electricity:

ROY STANLEY BURDON, D.Sc.

In Electrotherapy:

HONOR CAMERON WILSON.

In Theory of Movement:

MARY KELL FINNIS

In Pathology:

ROBERT MEADOWS, M.B., Ch.B. (St. Andrews).

Part-time Tutors:

In practical Electrotherapy:

HONOR CAMERON WILSON.

CLARE ANNE HANNAFORD, A.U.A.

GARY COLIN GRAY, A.U.A.

In General Treatments:

CLARE ANNE HANNAFORD, A.U.A.

GEOFFREY DOUGLAS MAITLAND, A.U.A.

In Children's Treatments:

HELEN SCOTT BLAIR.

MARY KELL FINNIS.

LOIS HEATH DAVISON.

ANTI-CANCER COMMITTEE

Chairman of the Committee and Hon. Radiotherapist R.A.H.:

BERTRAM SPEAKMAN HANSON, D.S.O., O.B.E., E.D., M.B., B.S., F.C.R.A.

Senior Physicist:

BOYCE WILSON WORTHLEY, B.A., M.Sc. Appointed 1942.

Physicists:

MERVYN JOHN TOOZE, B.Sc. Appointed 1948.

MURRAY HAROLD PARKER, M.Sc. Appointed 1957.

Assistant Physicist:

JUDITH MARIE HAYWARD, B.Sc. Appointed 1960.

Neoplasm Registrar:

ELMA SANDFORD MORGAN, M.B., B.S. Appointed 1954.

Cyto-Pathologist:

RUTH OSMOND, M.B., B.S., M.C.P.A. Appointed 1961.

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Lieutenant-Governor and Chief Justice of South Australia, 1883-1916.

THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,

Lieutenant-Governor and Chief Justice of South Australia, 1916-1942.

PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A., 1942-1948.

VICE-CHANCELLORS

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elected Chancellor 1876.

THE RIGHT HONOURABLE SIR SAMUEL JAMES WAY, Bart., P.C., D.C.L., LL.D., Chief
Justice of South Australia. Appointed 1876; elected Chancellor 1883.

THE REVEREND WILLIAM ROBY FLETCHER, M.A., 1883-1887.

THE VENERABLE ARCHDEACON GEORGE HENRY FARR, M.A., LL.D., 1887-1893.

JOHN ANDERSON HARTLEY, B.A., B.Sc., Inspector-General of Schools, 1893-1896.

WILLIAM BARLOW, C.M.G., LL.D., 1896-1915.

THE HONOURABLE SIR GEORGE JOHN ROBERT MURRAY, K.C.M.G., B.A., LL.M.,

Judge of the Supreme Court. Appointed 1915; elected Chancellor, 1916.

PROFESSOR SIR WILLIAM MITCHELL, K.C.M.G., M.A. Appointed 1916; elected Chan-
cellor 1942.

THE HONOURABLE SIR HERBERT ANGAS PARSONS, Kt., LL.B., Judge of the Supreme
Court, 1942-1945.

PROFESSOR JOHN McKELLAR STEWART, C.M.G., D.Phil., Deputy Vice-Chancellor, 1943-
1945; Vice-Chancellor, 1945-1948.

ALBERT PERCIVAL ROWE, C.B.E., B.Sc. (Lond), LL.D. (Melb.), Hon. Fellow of Imperial
College, 1948-1958.

WARDENS OF THE SENATE

WILLIAM GOSSE, M.D., 1877-1880.
 THE VENERABLE ARCHDEACON FARR, M.A., LL.D., 1880-1882.
 FREDERIC 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.
 THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B., 1945-59.
 ALBERT JAMES HANNAN, C.M.G., Q.C., M.A., LL.B., 1960.

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 SIR GEORGE BROOKMAN, K.B.E., 1913-1926.
 SIR WALTER JAMES YOUNG, K.B.E., 1927-1935.
 SIR WILLIAM GEORGE TOOP GOODMAN, Kt., M.I.C.E., M.I.E.E., M.I.E. (Aust.), 1936-1953.
 SIR KENNETH AGNEW WILLS, K.B.E., M.C., E.D., 1954-1960.

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 PROFESSOR PETER HENRY KARMEI, B.A. (Melb.), Ph.D. (Camb.), 1956-1957.
 PROFESSOR LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), 1958-1959.

FORMER PROFESSORS

Classics:

REV. HENRY READ, M.A. (Camb.), 1874-1878.
 DAVID FREDERICK KELLY, M.A. (Camb.), 1878-1894.
 EDWARD VAUGHAN BOULGER, M.A., D.Litt. (Dublin), 1894.
 EDWARD VON BLOMBERG BENSLEY, M.A. (Camb.), 1895-1905.
 HENRY DARNLEY NAYLOR, M.A. (Camb.), 1907-1927 (Emeritus, 1927).
 JOHN ALOYSIUS FITZHERBERT, M.C., M.A. (Camb.), 1928-1957 (Emeritus, 1958).

English Language and Literature and Mental and Moral Philosophy:

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

Mental and Moral Philosophy:

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

English Language and Literature:

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

ALEXANDER NORMAN JEFFARES, Ph.D. (Dublin), D.Phil. (Oxford), 1951-1956.

Modern History and English Language and Literature:

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

Modern History:

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

Political Science and History:

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

Economics:

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

Mathematics and Physics:

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

Mathematics:

JOHN RAYMOND WILTON, Sc.D. (Camb.), D.Sc., 1920-1944.
 HAROLD WILLIAM SANDERS, M.A. (Camb.), Lecturer, 1923-1943; Professor, 1944-1958 (Emeritus, 1959).

Physics:

SIR KERR GRANT, M.Sc. (Melb.), F.Inst.P.; Acting Professor, 1909-1910; Professor, 1911-1948 (Emeritus, 1949).
 LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), F.A.A., 1949-1959 (Emeritus, 1960).

Chemistry:

EDWARD HENRY RENNIE, M.A. (Syd.), D.Sc. (Lond. and Melb.), 1884-1927.
ALEXANDER KILLEN MACBETH, C.M.G., M.A. (St. And.), D.Sc. (Belf.), 1928-1954 (Emeritus, 1955).

Natural Science:

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

Geology and Palaeontology:

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

Geology and Mineralogy:

SIR DOUGLAS MAWSON, Kt., O.B.E., B.E. (Syd.), D.Sc., F.R.S.; Lecturer 1905-1920; Professor of Geology and Mineralogy 1921-1952 (Emeritus, 1953).

Botany:

THEODORE GEORGE BENTLEY OSBORN, D.Sc. (Manc.), 1912-1928.
JOSEPH GARNETT WOOD, Ph.D. (Camb.), D.Sc., F.A.A.; Lecturer 1927-1934; Professor, 1935-1959.

Zoology:

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

Biochemistry and General Physiology:

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

Physiology:

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

Human Physiology and Pharmacology:

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Bacteriology:

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

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Agriculture:

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

Agronomy:

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

Entomology:

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

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

Civil Engineering:

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

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JOHN WILLIAM SALMOND, M.A., LL.B. (Lond.), 1897-1905.
WILLIAM JETHRO BROWN, LL.D. (Camb.), D.Litt. (Dublin), 1906-1916.
COLEMAN PHILLIPSON, M.A., LL.D., Litt.D. (Victoria, Manchester), 1920-1925.
ARTHUR LANG CAMPBELL, B.A., B.E. (Svd.), 1926-1949.
RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford), B.A., 1950-1957.

Anatomy

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

Pathology:

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

Experimental Medicine:

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

Genetics:

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Dental Science:

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

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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.
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Hon. Radiologist:

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

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

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D. O. TONKIN, M.B., B.S. (Adel.), D.O. (R.C.P. and S.).
- Hon. Surgeon:
B. F. VENNER, M.S. (Melb.), F.R.C.S. (Eng.), F.R.A.C.S.
- Visiting Neuro-Surgeon:
L. C. E. LINDON, M.B., M.S. (Adel.), F.R.C.S. (Eng. and Edin.), F.R.A.C.S.
- Visiting Tuberculosis Specialist:
R. C. ANGOVE, M.B., B.S. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.
- Visiting Refractionist:
E. COUPER BLACK, B.A., M.B., B.S. (Adel.).
- Visiting Neurologist:
J. V. GORDON, M.D. (Adel.), M.R.C.P. (Lond.), F.R.A.C.P.

TUBERCULOSIS SERVICES**Chest Clinic and Frome Ward****Director of Tuberculosis Services:**

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

Physicians:

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

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

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

Clinical Assistants:

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

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

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

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

Anaesthetists:

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

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

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

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

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

Medical Officer for Tuberculosis Services:

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

Medical Superintendent, Morris Hospital:

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

Visiting Medical Officer, Bedford Park Sanatorium:

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

Laryngologist:

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

General Surgeon:

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

Thoracic Surgeon:

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

Assistant Thoracic Surgeon:

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

Part-time Neurosurgeon:

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

Part-time Medical Officer:

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

REPRESENTATIVES OF THE UNIVERSITY

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

BENEFACTIONS BY PRIVATE PERSONS

ENDOWMENTS (£1,000 or more)

(Smaller endowments are listed in the financial statements in Part III of the Calendar.)

- 1872: Sir W. W. Hughes—£20,000 to found chairs in Classics and in English and Philosophy.
- 1874: Sir Thomas Elder—£20,000 to found chairs in Mathematics and Natural Science.
- 1878: The Hon. J. H. Angas—£4,000 to found a scholarship and exhibitions in Engineering.
- 1883: Sir Thomas Elder—£10,000 to found a medical school.
- 1884: The Hon. J. H. Angas—£6,000 to found a chair in Chemistry.
- 1884-9: Sir Thomas Elder—£1,500 }
 1884-9: Private Subscriptions—£1,150 } in support of a chair in Music.
- 1884: Sir Thomas Elder—£1,000 to found evening classes.
- 1886: Public Subscriptions—£800 }
 1916: Public Subscriptions—£325 } to found a lectureship in Ophthalmic Surgery
 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.
- 1892-1911: R. Barr Smith—£9,000 for the purchase of books for the University Library (subsequently increased by capitalisation of £106 income).
- 1897: Sir Thomas Elder—£20,000 to endow the school of Medicine.
- 1897: Sir Thomas Elder—£20,000 to endow the school of Music.
- 1897: Sir Thomas Elder—£25,000 for general purposes.
- 1903: Joseph Fisher—£1,000 to provide the Fisher Medal and the Fisher Lecture in Commerce.
- 1907: G. J. R. Murray—£1,000 to found the Tinline Scholarships in History.
- 1908: David Murray—£2,000 to found scholarships.
- 1913: The Creswell Memorial Committee—£1,300 to found scholarships in memory of John Creswell.
- 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 income to enable the University to utilize for the purposes intended the land given in 1914 and 1915.
- 1915-21: Subscriptions from his Old Scholars—£1,000 to found a research scholarship in memory of John L. Young.
- 1916-22: Sir Samuel J. Way—£1,277 for general purposes.
- 1919: Miss E. M. Bunday—£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 Hon. Sir George Murray—£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.
- 1922: Mrs. Jane Marks—£30,000 for the better endowment of the medical school and to perpetuate the memory of George Richard Marks and his wife Jane Marks.
- 1922: Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—Property of the estimated value of £20,923 for advancement of medical research (subsequently increased by capitalisation of £10,000 accumulated income).
- 1926: The Hon. Sir Langdon Bonython—£20,000 to endow the chair of Laws.
- 1926: The Hon. Sir Josiah Symon—£9,500 for the Lady Symon Building, the women's portion of the University Union.
- 1926: Sir Joseph Verco—£5,000 to establish a fund for the publication of results of research in the medical sciences.
- 1926: Public Subscriptions—£1,076 for the encouragement of orchestral music; the fund was inaugurated by Mr. Percy Grainger in memory of his mother.
- 1927: John Melrose—£10,000 for a chemistry laboratory at the Waite Agricultural Research Institute.
- 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.
- 1930-4: The Hon. Sir Langdon Bonython—£52,329 for a Great Hall.
- 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.
- 1935-7: Sir Joseph Verco—£2,165 for the medical school and £2,165 for the dental school.
- 1936: Miss M. T. Murray—£53,307 (estimate) for general purposes.
- 1936: The Hon. Sir George Murray 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 } towards the building and equipping of an
 1936: Mrs. T. E. Barr Smith—£5,000 } Institute of Medical Science.
- 1937: Sir William Mitchell—£20,000 to endow the chair of Biochemistry.
- 1937-55: Sir Thomas G. Wilson—£2,500 to found a travelling scholarship in Obstetrics.
- 1939: F. Lucas Benham—£51,380 (estimate) to encourage the study of natural history.
- 1939: Mrs. R. F. Mortlock—£5,037 for cancer research.
- 1939: Mrs. L. E. Bateman—£2,553 for cancer research.
- 1940: Sir William Mitchell—£5,000 as an endowment for the purchase of books for the Barr Smith Library.
- 1940: Mrs. Louisa Gardner—£1,500 to found a scholarship in Surgery in memory of Dr. William Gardner; subsequently increased to £2,042.
- 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.
- 1942: Hugh Hughes—£36,005 (estimate) for pastoral research.
- 1942: The Hon. Sir George Murray—£86,767 (estimate) for general purposes.
- 1944: Miss Sarah Barrans—£3,000 to found a scholarship for research in geological or metallurgical science, in memory of James Barrans.

- 1944: John Jenkins—£5,000 to found scholarships, preferably in the agricultural, domestic and social sciences (increased to £6,975 in 1958 by the capitalisation of accumulated income).
- 1946: E. F. Hern—£1,157 for cancer research.
- 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.
- 1948: F. W. H. Wheadon—£4,250 for the University Observatory.
- 1949: Clarice V. Crocombe—£3,721 for the purposes of the Anti-Cancer Committee.
- 1949: Robert T. Melrose—£2,291 for the purposes of the Anti-Cancer Committee.
- 1950: From the estate of the late W. H. Sandland—£17,225 for the purposes of the Waite Agricultural Research Institute.
- 1950: W. D. Grigg—£18,304 for the purposes of the Waite Agricultural Research Institute.
- 1950: J. T. Mortlock—the income from "The John Mortlock Medical Bequest" of £20,000 for the purposes of scientific research in the Medical School.
- 1951: Mr. R. C. Baker—£4,245 to found a scholarship in Law in memory of his father, Sir Richard Chaffey Baker, and his brother, Mr. J. R. Baker (increased in 1960 to £5,000 by capitalisation of £755 accumulated income).
- 1951: Mrs. Guli Magarey—£1,000 to support two scholarships in Singing.
- 1951: Mrs. Jessie Francis Raven—£2,450 to establish series of lectures in Philosophy in memory of her father, Gavin David Young.
- 1951: Constance Fraser—Income from Estate to establish the George Fraser Scholarship.
- 1952: £2,845 from Mrs. H. L. Heuzenroeder for the purposes of the Anti-Cancer Committee.
- 1953-58: Mrs. G. Hastings—£50,000 to establish the Gwendolyn Michell Foundation for medical research; and £103,916 further to promote medical research.
- 1953: T. E. Barr Smith, jun.—£13,875 to establish the Barr Smith Travelling Scholarship in Agricultural Science.
- 1953: Mrs. E. C. Hoare—£5,768 for the purposes of the Anti-Cancer Committee.
- 1953: W. Donnithorne—£2,934 to provide help for students in the Faculties of Law and Medicine.
- 1953: Miss Lily Waite—£10,000 for the Waite Agricultural Research Institute.
- 1954: Emma Jeffress—£6,098 for the purposes of the Anti-Cancer Committee.
- 1954: Mrs. A. L. C. Shorney—£1,000 to endow the Herbert Shorney Memorial Library.
- 1955: Eleanor Kate Barker—£3,000 to found the John Barker Scholarship for medical research.
- 1955: Dr. Ruby C. Davy—£300 to found a prize for the composition of music, and £839 for the general support of music in the University.
- 1955: Mrs. Margaret August—£1,836 for cancer research.
- 1956: The Athol Lykke Memorial Committee—£1,860 to establish the Athol Lykke Award for postgraduate studies in music.
- 1957: Sewell Myers—£20,000 to establish the Sewell Myers Bequest for research in leukemia.
- 1958: F. Kenneth Milne—£5,000 to found the Kenneth and Hazel Milne Travelling Scholarship in Architecture.
- 1958: Miss A. M. Barnes—£10,429 for the benefit of women undergraduates.
- 1959: George Collin—£20,000 to endow the chair of Economics.
- 1959: Olive Eva Braund—£2,200 for the purposes of the Anti-Cancer Committee.
- 1959: S. McGregor Reid—£23,591 (estimate) for cancer research.
- 1959: Mrs. S. McGregor Reid—£90,000 (estimate) for cancer or other medical or surgical research as the University shall think proper.
- 1960: Reginald Walker—£35,000 (estimate) to establish the Reginald Walker Bequest.

GIFTS (£1,000 or more)

- 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.
 1926: J. T. Mortlock—£2,000 for equipment for the Waite Agricultural Research Institute.
 1928: W. J. Young—£1,000 for the erection of the fence on Victoria Drive.
 1931: The Hon. Sir George Murray—£2,000 for the general purposes of the University.
 1937: The Misses L. and E. Waite—£2,000 for the University bridge.
 1937-60: Professor Sir Mark Mitchell—£13,200 towards the cost of equipment and expenses in the Biochemistry Department.
 1940-41: Sir Thomas G. Wilson—£1,500 towards the salary of a Director in Obstetrics.
 1941: J. T. Mortlock—£1,000 to provide a residence at Yudnapinna.
 1948: J. T. Mortlock—£2,000 for investigations into pasture regeneration.
 1950: J. T. Mortlock: £1,000 a year for 15 years under his will, for the purposes of the Waite Agricultural Research Institute.
 1951: £2,380 from an anonymous donor for the provision of the Staff Club in the University.
 1952: An anonymous donor—£15,000 for the development of Clinical Medicine.
 1952: Mrs. J. T. Mortlock—£10,000 to support the John Mortlock Research Station at Yudnapinna.
 1952: £1,212 from the South Australian Members of the Institute of Chartered Accountants in Australia, £880 from the Members of the Adelaide Chamber of Commerce (Inc.), £125 from the Commonwealth Institute of Accountants, and £125 from the Federal Institute of Accountants, to support the establishment of a Readership in Commercial Studies.
 1954: Anonymous donors—£2,500 for equipment in the Department of Geology.
 1955: James Waite—£1,000 for the purposes of the Waite Agricultural Research Institute.
 1956: Broken Hill Mine Managers' Association—£1,500 for investigations into wire ropes.
 1956: The Bonython Family—£2,350 for an electronic organ, for the Bonython Hall.
 1957: Miss E. M. Symon—£1,000 for research work amongst aboriginal women.
 1957: Professor Sir Mark Mitchell—£1,000 towards the cost of furnishing the new Council Room.
 1957: Anonymous—£2,000 for various purposes.
 1958-60: An anonymous benefactor—£45,000 for the Medical School.
 1959: An anonymous gift of £5,000 for the support of animal research.

NON-MONETARY GIFTS

- 1956: K. A. Wills—a portrait of Sir Douglas Mawson by Ivor Hele.
 1957: Miss Eva Waite—family silver for the Waite Institute.
 1960: Miss Gladys Lloyd Thomas—a Breton violin.
 1960: Alfred Hill—a Guarnerius violin.

GIFTS AND BEQUESTS TO THE UNIVERSITY LIBRARY.

- (1) Public Library of South Australia: the medical portion of the Public Library.
- (2) William Barlow, C.M.G., LL.D.: a collection of 450 Law Books.
- (3) The Rt. Hon. Sir S. J. Way, Bart.: a library of over 15,000 volumes; and bronze statuettes and silverware.
- (4) The Hon. Sir Josiah Symon, K.C.M.G., K.C.: a valuable collection of the earlier Law Reports and other legal books.
- (5) Sir Joseph Verco, Kt.: books for the Medical Library.
- (6) W. Ramsay Smith, D.Sc.: a collection of books and periodicals numbering 2,165 volumes.
- (7) R. J. M. Clucas, B.A.: 1,300 books selected from his library.
- (8) Ayimer Strong: the library of his brother, Professor Sir Archibald Strong.

- (9) The French Government: 470 volumes selected by the Lecturer in French.
 (10) Sir Douglas Mawson: 19 volumes of Drygalski's records of his South Pole Expedition.
 (11) F. Lucas Benham, M.D.: a collection of about 1,000 books.
 (12) R. S. Rogers, M.A., M.D., D.Sc.: about 800 books on botany, chiefly on orchids.
 (13) Canon T. H. Frewin: a collection of more than 300 classical coins.
 (14) Lord Norman: a copy of the transcript of the argument before the Privy Council in the Banking Case.
 (15) Mrs. E. V. Steele: a valuable collection of about 1,100 volumes of English fiction.
 (16) Miss Gladys Johnson: a facsimile reproduction of the Holkham Picture Bible.
 (17) Professor D. Nichol Smith: about 300 books.
 (18) Carnegie Corporation of New York: a collection of about 350 books designed to portray contemporary American civilization.
 (19) Several benefactors: an offset reproduction of the fourteenth century Codex Manesse, a collection of German "Minnesongs".
 (20) The Netherlands Government: a collection of books in appreciation of Dutch migration to Australia.

GIFTS OF £1,000 OR MORE FOR THE STUDENTS' UNION BUILDINGS
AND WAR MEMORIAL (1927-1936)

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

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

	£	s.	d.		£	s.	d.
The Chancellor				Hon. Sir Langdon			
(Sir George Murray)	1,000	0	0	Bonython	1,000	0	0
The Vice-Chancellor (Sir				T. E. Barr Smith	1,000	0	0
William Mitchell)	1,000	0	0	Other Donations	9,115	14	5
John Barker	1,000	0	0	Total Donations	£33,615	14	5

GIFTS OF £1,000 OR MORE, 1955-60

General Motors-				The Shell Co. of			
Holden's Ltd. -	£12,000	0	0	Australia Ltd. -	1,000	0	0
Adelaide University				Sir Claude Gibb -	1,000	0	0
Union Council -	6,000	0	0	Vacuum Oil Co. Pty.			
Broken Hill Pty. Ltd.	5,000	0	0	Ltd. - - - -	1,000	0	0
Advertiser News-				Commonwealth Bank			
papers Ltd. - -	5,000	0	0	of Australia - - -	1,000	0	0
Mrs. J. Alwyn Mudge	5,000	0	0	S. Kidman & Co.			
Elder, Smith & Co.				Ltd. - - - -	1,000	0	0
Ltd. - - - -	5,000	0	0	British Tube Mills			
The Broken Hill As-				(Australia) Pty.			
sociated Smelters				Ltd. - - - -	1,000	0	0
Pty. Ltd. - - -	3,000	0	0	Chrysler Australia			
The United Licensed				Ltd. - - - -	1,000	0	0
Victuallers' Asso-				H. V. McKay Charit-			
ciation - - - -	2,500	0	0	able Trust - - - -	1,000	0	0
S.A. Associated				The Federal Viticul-			
Brewers - - - -	2,500	0	0	tural Council - - -	1,000	0	0
Imperial Chemical				Ford Motor Co. of			
Industries of Aus-				Australia - - - -	1,000	0	0
tralia and New				National Bank of			
Zealand Ltd. - -	2,000	0	0	Australasia Ltd. -	1,000	0	0
Mrs. George Tarlton				Electrolytic Zinc Co.			
Wills - - - -	2,000	0	0	of Australasia Ltd.	1,000	0	0
Members of the Staff				Bank of Adelaide -	1,000	0	0
of the University							
of Adelaide - -	1,860	0	0		67,065	0	0
Mr. K. A. Wills - -	1,105	0	0	Other Gifts totalling	36,695	13	1
Australia and New				As at 31/12/60	-£103,760	13	1
Zealand Bank Ltd.	1,100	0	0				

1960: York Theatre—£1,500 for projection equipment.

TO THE ANTI-CANCER CAMPAIGN

Gifts in 1930	- -	£6,000	0	0	Proceeds of the Lord
Gifts in 1939	- -	£3,350	0	0	Mayor's Appeal for
Gifts in 1948	- -	£221	0	0	Cancer in 1950
Gifts in 1949	- -	£1,458	0	0	Gifts in 1951-60
					£102,794 0 0
					£3,593 0 0

TO SUPPORT THE ESTABLISHMENT OF A UNIVERSITY SCHOOL
OF ARCHITECTURE, 1955-60

Architects Board of					S.A. Institute of Archi-
S.A.	- - -	£1,750	0	0	tects
Woods, Bagot, Lay-					- - - -
bourne-Smith and					1,000 0 0
Irwin	- - -	1,250	0	0	7,000 0 0
F. Kenneth Milne,					Other donations of vary-
Dawkins, Boehm and					ing amounts under
Ellis	- - -	1,000	0	0	£1,000 - - -
Hassell and McConnell		1,000	0	0	£15,006 12 0
Harris, Scarfe and Co.					
Ltd.	- - -	1,000	0	0	Total
					£22,006 12 0

DONATIONS TOWARDS THE ESTABLISHMENT OF A CHAIR
OF MICROBIOLOGY, 1958-60

South Australian Asso-					Other gifts, totalling
ciated Brewers	-	£2,000	0	0	- 3,385 8 0
Advertiser Newspapers					Total donations as at
Ltd.	- - -	1,250	0	0	31/12/60
					- £6,635 8 0

JOINT COLLEGES' APPEAL

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

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

A. Gifts paid to the University:

Broken Hill Associated				
Smelters Pty. Ltd.;				
North Broken Hill				
Ltd.; Broken Hill				
South Ltd.; The Zinc				
Corporation Ltd.;				
Consolidated Zinc				
Pty. Ltd.	- - -	5,000	0	0
Broken Hill Proprietary				
Co. Ltd.	- - -	2,000	0	0
General Motors-Hold-				
en's Ltd.	- - -	2,000	0	0
Advertiser Newspapers				
Ltd.	- - -	1,000	0	0
British Tube Mills				
(Aust.) Pty. Ltd.	-	1,000	0	0
Professor Sir Mark				
Mitchell	- - -	1,000	0	0
Vacuum Oil Co. Pty.				
Ltd.	- - -	1,000	0	0
Other gifts, totalling	-	11,682	19	1
		£24,682	19	1

B. Gifts paid direct to the Colleges
(as at 31/12/60).

<i>St. Mark's</i>				
Gifts totalling	-	£4,374	2	0
<i>St. Ann's</i>				
A. M. Barnes' Estate	-	5,000	0	0
Other gifts, totalling	-	2,099	12	5
		£7,099	12	5
<i>Aquinas</i>				
Adelaide Development				
Co. Ltd.	- - -	2,500	0	0
		£2,500	0	0
<i>Lincoln</i>				
Mary E. Seymour	-	1,000	0	0
Thos. G. Seymour	-	1,000	0	0
Other gifts, totalling	-	5,820	10	6
		£7,820	10	6
Total		£46,472	4	0

PAST AND PRESENT GRADUATES

His Royal Highness George Frederick Ernest Albert, Duke of Cornwall and York (His late Majesty King George V.), LL.D. (Cambridge, 1894)	1901		
His Royal Highness Edward Albert Christian George Andrew Patrick David, Prince of Wales (afterwards His Majesty King Edward VIII.), LL.D. (D.C.L. Oxford, 1919)	1920		
His Royal Highness Albert Frederick Arthur George, Duke of York (His late Majesty King George VI.), LL.D. (Cambridge, 1922)	1927		
His Royal Highness Henry William Frederick Albert, Duke of Gloucester, LL.D. (Cambridge, 1934)	1935		
This list was revised in 1931, in 1941, in 1951, and in 1961 by the omission of deceased graduates; it will be similarly revised in 1971. For former Lists see Calendars for 1930, 1940, 1950, and 1960.			
A			
†Abbie, Alison Ruth, LL.B.	1958	Allen, John Howard, B.Sc.	1916
Abbie, Andrew Arthur, D.Sc. (Sydney, 1941)	1945	Allen, Kevin Reginald, B.D.S.	1952
Abbott, Clifford Alexander, B.Sc.	1952	Allen, Leonard Nicholls, M.A. (B.A., 1926)	1933
Abbott, Charles Anthony Lempriere, LL.B.	1947	Allen, Lois Waveney, B.A.	1913
Abbott, Derek Athol Lempriere, LL.B.	1950	Allen (nee Mann), Margaret Noble, B.A.	1927
Abbott, Geoffrey Joseph, B.E.	1921	Allen, Maxwell George, B.Sc.	1949
Abbott, Howard Lockyer, B.A.	1952	Allen, Murray William, B.E.	1950
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1943	†Allen, Philip Wesley, M.B., B.S.	1960
Abbott, Nigel Basil Gresley, M.B., B.S.	1916	Allen, Roy, M.B., B.S.	1951
Abbott, Nigel Drury Gresley, M.B., B.S.	1944	Allen, Shirley Hope, B.Sc.	1943
†Abbott, Warwick Donald Francis, B.Sc.	1960	Allen, Thomas Howard, M.B., B.S.	1953
†Abdul Majeed, Siti Khalsom Ruby, M.B., B.S.	1959	Allen, William Douglas, B.Sc.	1934
Abele, Charles, B.Sc.	1957	Allert, Margaret Elizabeth, B.A.	1950
Abotomey, Olive Wanda, B.A.	1930	Allison, John Kenneth, B.A.	1939
†Abraham, Samuel Clifford Ethermanasingham, M.B., B.S.	1959	†Alksnis, Ivars Janis, B.A.	1959
Adam, Elizabeth Anderson, B.A.	1949	Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
†Adams, Anthony Charles Irvine, M.B., B.S.	1960	Almond, William Wesley, B.Sc. (Eng.)	1945
Adams, Arthur John Sorby, B.Sc.	1926	†Alpers, John Henry, M.B., B.S.	1960
Adams, Colin Francis, B.E.	1934	Alpers, Michael Philip, B.Sc.	1956
Adams, Dorothy Sorby, M.B., B.S.	1922	Altman, Olive Stella, B.A.	1948
†Adams, Douglas Charles, B.Tech.	1959	Altmann, Arthur Richard, B.E.	1920
Adams, Edward James Stanley, B.E.	1941	Altmann, Frank William, M.B., B.S.	1959
Adams, Graeme Sorby, M.B., B.S.	1956	Altmann, Herbert Franz, M.B., B.S.	1922
Adams, John Clifford, B.Ec.	1955	†Alwyn, John Edward Stacey, M.B., B.S.	1958
Adams, John Clyde, B.E.	1941	†Ambastha, Harendra Narayan Sinha, M.A.G.Sc.	1954
Adams, Reginald Keith Sorby, M.A. (B.A., 1922)	1926	Ambrose, Betty Rosslyn, M.B., B.S.	1936
Addison, Stanley Simpson, B.Sc.	1908	Ambrose, John Rosslyn, M.B., B.S.	1943
Adey, Colin Richard, B.Sc. (Eng.)	1942	Amey, Douglas John, B.E.	1956
Adey, William Ross, M.D., (M.B., B.S., 1943)	1949	†Amey, Ian Frank, B.E.	1959
Adlam, Kenneth Charles, B.E.	1952	Amey, Lloyd, Ronald, B.Ec.	1951
Adlam, Robert Delbridge, B.A.	1957	Amos, George Lewis, M.Sc. (B.Sc., 1936)	1939
Ahern, Kevin Barry, LL.B.	1951	†Amos, Kenneth Albert, B.Sc.	1960
Ahrens, Elsie Gladys, B.A.	1955	†Anastas, George, M.B., B.S.	1959
†Ahrens, Richard Walter, B.Sc.	1960	†Anceff, Brian Edward John, M.B., B.S.	1957
Aistrope, Stanley Thomas, B.A.	1954	Andary, Dean, B.D.S.	1956
Aitchison, Erica Nancy, B.A.	1931	Anders, Douglas John, B.Sc.	1936
Aitchison, Gordon Douglas, M.E. (B.E., 1938)	1952	Anders, Ralph Charles, B.E.	1934
Aitchison, Gordon James, Ph.D. (B.Sc., 1939; M.Sc., 1945)	1957	Andersen, Kerstin Lillemer, B.A.	1934
Aitchison, Gordon John, B.E.	1927	Anderson, Adrian Akhurst, B.E.	1925
Aitken, Gilbert William Elliot, M.B., B.S.	1943	Anderson, Alan Bruce, B.Sc.	1922
†Akkermans, Charles Henry, M.B., B.S.	1959	Anderson, Albert Raymond, M.B., B.S.	1951
Alcock, Dudley Herald, B.A.	1943	Anderson, Alex Gordon, B.Sc.	1953
Alderman, Arthur Richard, D.Sc. (B.Sc., 1924; M.Sc., 1928)	1943	Anderson, Alison Margaret, B.A.	1937
Alderman, Colin Graham, M.B., B.S.	1943	Anderson, Aubrey James Clifton, B.A.	1947
Aldersey, Algernon Lumley Haydon, B.Sc.	1950	Anderson, Claude Leonard, M.B., B.S.	1933
Aldersey, Richard Baker, B.Sc.	1923	Anderson, Colin Charles, B.Sc. (Eng.)	1944
†Aldor, Thomas Arthur Menachem, M.B., B.S.	1960	Anderson, Donald Robert Ross, M.B., B.S.	1947
†Aleksandrovics, Pavils, B.Tech.	1958	Anderson, Dorothy Kathleen Ross, M.B., B.S.	1942
Alexander, Donald John, B.E.	1951	Anderson, Douglas Bruce, B.E.	1952
Alexander, Rosemary Margery Blanche, LL.B.	1935	Anderson, Geoffrey Fraser, LL.B.	1943
Alexander, William Colin, B.E.	1928	†Anderson, Gordon Athol, Mus.Bac. B.A.	1958
Alexandravicius, Vera, B.D.S.	1954	†Anderson, Graham Lancelot George, B.Sc.	1960
†Allan, John Brooker, M.B., B.S.	1958	Anderson, Gwendoline Mary, B.A.	1933
Allard, James Thomas, B.E.	1956	Anderson, Isabella, B.A.	1930
Allardice, John Graham, B.E.	1950	Anderson, Jack Sidney, M.B., B.S.	1944
Allden, William George, M.A. (Cambridge, 1958)	1959	Anderson, John Brayton, M.B., B.S.	1957
Allen, David William, B.E.	1954	Anderson, Kevin, M.D. (London, 1951)	1960
Allen, Dulce Dawn, B.A.	1945	Anderson, Malcolm Webber, B.E.	1955
Allen, Edgar, M.A. (B.A., 1909)	1913	Anderson, Max Kimberley, M.B., B.S.	1943
Allen, Gordon Lewis, B.E.	1951	Anderson, Peter Cameron, M.B., B.S.	1955
Allen, Gordon Vivian, B.E.	1936	Anderson, Ronald Alexander, B.Sc.	1948
Allen, Gordon Vivian, B.E.	1936	Anderson, Sesca Ross, LL.B.	1941
Allen, Gwenneth Dawn, B.Sc.	1947	Anderson (nee Lewis), Sylvia Hilda, M.Sc. (B.Sc., 1950)	1954
Allen, Henry Joshua, M.A. (B.A., 1927)	1929	Anderson, William Moffat, B.E.	1920
Allen, James Lawrence, B.A.	1935	Anderson, Brian William, B.E.	1948
Allen, John Bernard, B.A.	1942	Andrew, Hugh Graham, M.B., B.S.	1941
		Andrew, Ronald Headland, M.B., B.S.	1953
		Andrewartha, Herbert George, D.Sc. (M.A.G.Sc., Melbourne, 1932)	1947
		Andrews, Jean Mary Agnes, B.A.	1948
		Andrews, Jennifer Ruth, B.A.	1956
		Andrews, Judith Mary, B.A.	1957

† Not yet Members of the Senate.

Barnden, Vina Melba, Mus.Bac.	1935	Beare, Thomas Hudson, M.B., B.S.	1952
Barnes, Charles Stalley, M.Sc. (B.Sc., 1948)	1951	Beare, Thomas James, B.E. (Interim B.Sc. (Eng.), 1949, surrendered)	1951
Barnes, David Thomas, M.B., B.S.	1951	Bearman, Imelda, B.A.	1952
Barnes, Eric Stephen, Ph.D. (Cambridge, 1952)	1959	Beasley, Victor John, B.A.	1957
Barnes, Frederick Lynne, B.Sc.	1938	Beaton, Doris Jean, LL.B.	1940
Barnes, Marjorie Joyce, LL.B.	1937	Beauchamp, Edward Benjamin, LL.B.	1927
Barnes, Robert, M.B., B.S.	1948	†Beaumont, Gordon Dean, M.B., B.S.	1959
Barnes, Ronald David, B.Ec.	1955	Beaumont, Olive Sowter, B.A.	1939
Barnes, Thomas Alfred, M.Sc. (B.Sc., 1932)	1950	Beaumont, Paul Charles, B.A.	1921
Barnett, Samuel Powell, M.B., B.S.	1927	Beck, Alan Beavis, M.Sc. (B.Sc., 1930)	1932
Barnfield, George Thomson, LL.B.	1937	Beck, Kevin Charles, B.Sc.	1957
Barr, Alan Marshall, M.B., B.S.	1957	Beck, Merlin Benjamin, B.Ag.Sc.	1949
Barr, Helen Elizabeth, B.Sc.	1947	Beck, Robert George, B.Ag.Sc.	1941
†Barrett, Arthur Jeremy, B.Ec.	1959	Beckwith, Athelstan Laurence Johnson, Ph.D. (D.Phil., Oxford, 1956)	1959
†Barrett, Beverley Noelle, B.A.	1960	Beckwith, Ralph Symonds, B.Sc.	1944
Barrett, Harold John, B.A.	1956	Beckwith, Shirley Katie, B.A.	1939
Barrett, Murray James, M.D.S. (B.D.S., 1939)	1949	Bednall, Brian Herbert, B.Sc.	1925
Barrett, William Vernon, B.A.	1949	Bednall, David Maurice, LL.B.	1953
Barrett-Lennard, Lancelot, M.B., B.S.	1947	†Bednall, Ian William Gordon, B.E.	1958
Barrien, Beryl Stoddart, M.Sc. (B.Sc., 1934)	1938	Bednall, Maurice William, LL.B.	1924
Barrien, John, B.E.	1948	Beech, Ernest Robert, M.B., B.S.	1932
Barritt, Lola Marjory, B.A.	1955	Beech, Margaret Doris, B.Sc.	1952
Barrow, Peter McKee, B.Ag.Sc.	1949	Beecham, Anthony Frank, B.Sc.	1950
Barry, Brian Robert, B.Ec.	1950	Beer, Barbara Helen, M.B., B.S.	1956
Barter, Francis Charles, LL.B.	1931	Begg, Barbara Rosemary, B.Sc.	1947
Barter, Kenneth Edwin, B.A.	1931	Begg, Betty Shannon, M.B., B.S.	1949
Barter, Robert Alexander, M.D. (M.B., B.S., 1947)	1953	Begg, Malcolm William, M.B., B.S.	1956
Barter, Ruth Estelle, B.A.	1931	Begg, Percy Raymond, B.D.S. (Melbourne, 1924)	1932
Bartholomaeus, Clifford Geoffrey, B.E.	1930	D.D.Sc.	1935
Bartholomaeus, Edmund Stanley, B.A.	1914	Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered)	1918
Bartholomaeus, Richard Voules, B.D.S.	1955	†Behrens, Dietrich Wilhelm Frido, B.A.	1960
Barthelet, Nancy Irene, B.A.	1939	Behrndt, Arthur Clive, M.B., B.S.	1948
Barlett, William John, M.A. (B.A., 1912)	1914	Beilby, Bruce Parnell, B.E.	1952
Barton, Allan Douglas, B.Ec. (B.Com., Melbourne, 1954)	1960	Beilby, Jack Canavan, M.B., B.S.	1956
Barton, David Charles, M.B., B.S.	1956	Bell, Donald George, B.A.	1941
Barton, Felix Kingston, B.A.	1911	Bell, Franklyn Gilbert, M.B., B.S.	1949
†Bartsch, Kenneth Murray, B.E.	1958	Bell, Thomas Norman, Ph.D. (Durham, 1957)	1959
Barwell, Mary Gilbert, B.A.	1926	Beltrame, Gino Ernest, B.E.	1957
Bascdow, Bernhard Frederick, B.Ec.	1954	Bender, Jill Margaret, B.A.	1954
Basedow, Karl Johannes, M.B., B.S.	1938	Benjaminson, Albert, B.E.	1951
Basheer, Keith Cameel, M.B., B.S.	1953	Bennett (nee Berriman), Annie Stevens, B.A.	1919
Basheer, Max Rafeek, LL.B.	1952	Bennett, Charles Gordon, B.A.	1922
Bassett, Maxwell Aunger, B.Ec.	1951	Bennett, David John, B.Sc.	1932
†Basson, Alfred Graham, B.Ag.Sc.	1960	Bennett, Donald Collier, M.B., B.S.	1946
Basten, Henry Bolton, M.A. (Oxford, 1954)	1954	Bennett, Donald John, B.E.	1954
Bastian, Elwin Scott, B.A.	1956	Bennett, Floyd Chester, B.A.	1951
Basto, Antonio Alberto, B.Ec.	1957	Bennett, Frederick Norman, B.A.	1905
Batchelor, Florence Elizabeth Reine, M.A. (B.A., 1919)	1931	Bennett, Graham Leslie, M.B., B.S.	1935
Batchelor, John, B.E.	1956	Bennett, Henry Trevor, LL.B.	1950
Bateman, Gretel Mary, B.Sc.	1956	Bennett, James William, B.Ec. (B.Com., Melbourne, 1957)	1958
Bateman, Peter Patrick, M.B., B.S.	1950	Bennett, John Barkly, M.B., B.S.	1947
Bateman, Wilfrid, B.Sc.	1941	Bennett, John Henry, Ph.D. (Cambridge, 1952)	1957
Bateman, Winston Trevor, B.E.	1956	Bennett, John Nelson, LL.B.	1944
Bates, Brian Lewis, B.Sc.	1947	Bennett, Keith McQuarrie, B.E.	1925
Bates, William George James, B.E.	1935	†Bennett, Malcolm Gordon, B.A.	1958
†Bateup, John Fraser, B.E.	1960	Bennett, Mary Gilmour, B.Sc.	1951
Bath, Donald James, B.E.	1950	Bennett, Richard Barkly, M.B., B.S.	1948
Battye, Gavin Ross, B.E.	1949	Bennett, Richard Clayton, M.B., B.S.	1954
Baudinet, Walter Hooper, M.B., B.S.	1935	Bennett, Thomas Southall, B.A.	1933
Bauer, Franz, M.B., B.S.	1942	Bennett, William Barkly, M.B., B.S.	1956
Baum, Murray Richard, B.A.	1955	Bennier, Donald John, B.E.	1951
Bawden, Albert Victor, B.A.	1930	Benskin, Frederick George, M.A. (Oxford, 1900)	1923
Bawden, Maxwell George, M.B., B.S.	1954	Benson, Colin John, M.B., B.S.	1953
Bawden, Thomas Edward, B.Sc.	1956	Benson, Maurice Bernard, B.A. (London)	1950
Baxter, Reginald Robert, B.Sc.	1912	Benson, Richard Neville, M.B., B.S.	1953
†Baxter, Robert Crawford, B.Ag.Sc.	1959	Benson, William Herbert, M.B., B.S.	1951
Bayliss, Colin Evan, M.B., B.S.	1951	Bentley, Alan, M.B., B.S.	1953
†Bayly, Elizabeth Jean, B.A.	1960	Bentley, John Donald, B.A.	1951
Bazeley, Austin Joseph, B.D.S.	1955	Bentley, William James, B.A.	1935
Bazeley, Francis, B.E.	1950	Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1949
†Beames, Lloyd Arthur, B. Tech.	1959	Berndt, Kenneth Lewis, B.Sc.	1937
Bean, Sir Edgar Layton, B.A. LL.B.	1913	B.A.	1943
Bean, Edgar Stewart, M.B., B.S.	1947	Berriman, Ian Palmer, B.E.	1955
Bean, Malcolm James Layton, B.D.S.	1954	Berriman, Peter Souter, B.Sc.	1954
Beaney Harold Leigh, M.E. (B.E., 1932)	1959	Berriman, Robert Harrold, B.E. (B.Sc., 1915, surrendered)	1919
Beard, Donald Douglas, M.B., B.S.	1947	Berry, Frances Winifred, M.A. (B.A., 1915)	1919
Beard, Jack Roland Stanley Grose, M.B., B.S.	1914	Berry, Patricia Dean, B.Sc.	1952
Beard, Roland Maurice Charles Georges, M.B., B.S.	1946	Berry, Philip Alan, M.Sc. (B.Sc., 1919)	1934
Beare, Hedley, B.A.	1954	Berry, Thomas Bruce, B.D.S.	1953
†Beare, James Hudson, M.B., B.S.	1958		
Beare, John Alan, B.Ag.Sc.	1937		
†Beare, Lynden Day, B.A.	1960		

† Not yet Members of the Senate.

Berryman, Maurice James, B.E.	1956	Blaess, Frederick John Henry, M.A. (B.A., 1938)	1943
Bert, Ernest Julius, B.E.	1921	Blaess, Ronald Frederick, B.A.	1943
Bessant, Dorothy Elizabeth, B.A.	1952	Blair, David Scott, B.E.	1949
Best, Effie Deland, B.Sc.	1953	Blair, Joan Scott, B.A.	1949
Best (nee Deland), Effie Wylie, M.Sc., (B.Sc., 1926)	1930	Blair, Ruth Margaret, B.A.	1951
†Best, Rupert Faraday, B.Tech.	1960	Blake, Milton Audley, B.Sc.	1923
Best, Rupert Jethro, D.Sc. (B.Sc., 1926; M.Sc., 1927)	1948	Blakeway, Lionel Norman, B.A.	1948
Bested, Gordon John, B.A.	1942	Blanch, Beverley Ruth, B.Sc.	1956
Bettison, Margaret Selina, B.A.	1949	Blaskett, Alan Charles, B.Sc.	1950
Betheras, Frank Rex, M.B., B.S.	1957	Blaskett, Donald Reginald, B.E.	1940
Betts, Beatrice Berenice, B.A.	1933	Blaskett, Kenneth Selway, B.E.	1931
Betts, William James, M.B., B.S.	1941	†Blaskett, Malcolm John, B.E.	1959
Bevan, Arthur Reginald, M.Sc. (Sydney, 1949)	1960	Blaskett, Sydney Norman, B.E.	1928
Bevan, Medhurst Llewellyn Willett, LL.B.	1931	Bleby, Dorothy Aileen, B.A.	1930
†Bevan, Rosalind Mary Willett, LL.B.	1959	Bleby, Gordon Edward Henry, LL.B.	1931
Beverley, David William Ernest, B.E.	1951	Bleby, John Raymond, B.A.	1933
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Bleby, Thelma Evelyn, LL.B.	1923
Bevis, Archibald Charles Kidman, B.A.	1943	Blesing, Rae Flora, B.A.	1947
Bhavilaj, Rawi, M.Sc.	1952	Blight, John Malcolm, B.Sc.	1950
Biaggini, Ernest Gordon, D.Litt. (M.A., 1932)	1944	Blight, Thomas David, B.Sc.	1951
Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	1920	Bloomfield, Allan John, B.D.S.	1939
Bickford, Reginald Nevill Cudmore, M.B., B.S.	1935	Bloomfield, Denis Alexander, M.B., B.S.	1956
Biddle, Enid Barbara, B.A.	1948	Bloomfield, Jack Lee, B.Ec.	1943
Biddle, Gordon Crawford, B.Sc.	1950	Blown, William Baker, B.E.	1930
Bidstrup, Patricia Leslie, M.D. (M.B., B.S., 1939)	1958	Blum, John, B.D.S.	1955
Biele, Keith William, B.Ec.	1952	Boas, Isaac Herbert, B.Sc.	1899
†Biernert, Gunter Horst, B.Sc.	1960	†Bockman, David, M.B., B.S.	1959
†Biggins, George Edward, B.E.	1960	Bodmer, Noel Frederick John, M.B., B.S.	1955
†Billing, Robert Heaton, B.Ec.	1960	Boehm, Ernst Arthur, M.Ec. (B.Ec., 1949)	1955
†Billinghurst, Harry, B.E.	1954	Boehm, Jack, LL.B.	1952
†Billinghurst, Onslow Chestle, B.E.	1958	Boehm, Rolfe Vernon, B.E.	1935
Billitzer, Anthony Wolfgang, M.Sc. (B.Sc., 1943)	1952	Boehm, Walter Gotthilf, B.A.	1953
Bills, Allan Maynard, B.A.	1931	Boer, Edward Douglas, M.B., B.S.	1942
Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Bogner, Robert Eugene, M.E. (B.E., 1956)	1959
Bills, David Charles, B.Sc.	1950	Bolin, Beverley Louise, B.E.	1948
Bills, Lawrence McAusland, LL.B.	1937	Bollen, Derek Willoughby, LL.B.	1951
Bills, Malcolm Bruce, B.D.S.	1947	Bollen, Kenneth Willoughby, M.B., B.S.	1918
Bilney, Neil Joseph, B.A.	1938	Bollen, Peter Willoughby, B.Sc.	1957
†Bilton, Anthony Herbert, M.B., B.S.	1958	Bond, Leonard Gordon, B.A.	1924
Binns, Raymond Thomas, M.D. (M.B., B.S., 1923)	1937	†Bond, Roy Douglas, B.Tech.	1958
Birch, John Bright, M.B., B.S.	1915	Bone, Maxwell Harold, B.A.	1938
Birch, Louis Charles, D.Sc. (M.Sc., 1941)	1949	Bonner, Brian Christopher, B.Sc.	1950
Birchall, Nicholas John Wardlaw, LL.B.	1956	M.B., B.S.	1957
Bird, Alan Francis, M.Sc.	1955	Bonnin, James Arthur, M.D. (M.B., B.S., 1946)	1955
†Bird, Peter Allan, B.A.	1958	Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936)	1947
Birdseye, Sydney Alick, M.B., B.S.	1951	Bonnin, Lansell, M.B., B.S.	1941
Birks, Peter Macintyre, M.B., B.S.	1934	Bonnin, Murray Frew, LL.B.	1936
Birks, Peter Roland, M.Ag.Sc., (B.Ag.Sc., 1957)	1960	B.A.	1947
Birks, Walter Gordon, M.B., B.S.	1937	Bonnin, Noel James, M.S. (M.B., B.S., 1932)	1944
Birks, Walter Richard, B.Sc.	1910	Bonython, Charles Warren, B.Sc.	1938
Birrell, Archibald Novar, B.E.	1957	Bonython, John Langdon, B.A. (Cambridge, 1928)	1928
†Bishop, John Neil, B.Ec.	1958	Bonython, Richard Martin, B.Ag.Sc.	1957
†Bishop, Michael Marriott, B.E.	1960	Booker, Robert Franklin, M.A. (B.A., 1927)	1933
Biswas, Samarendra Nath, Ph.D.	1958	Boomsma, Clifford David, M.Sc. (B.Sc., 1946)	1949
Bitmead, Francis Vincent, B.A. (Western Australia, 1949)	1960	†Boord, Kwong Kah, B.E.	1959
Bittner, Anita, B.A.	1956	Boord, Frederick Hughes, B.A.	1956
Black, Edward William, Mus.Bac.	1925	Boord, Leslie, B.E.	1953
Black, Eustace Couper, M.B., B.S.	1910	Booth, Edward Stirling, B.Sc.	1932
B.A.	1957	Booth, Jean Marie, Mus.Bac.	1944
Black, James Foster Barham, B.E.	1955	†Borick, Kevin Vincent, LL.B.	1959
Black, Nancy Helen Barham, M.B., B.S.	1951	Borland, Francis Thomas, M.A. (Melbourne)	1952
Blackburn, Sir Charles Bickerton, B.A.	1893	†Boros, Peter George, B.E.	1959
Blackburn, Harold Stewart, M.B., B.S.	1942	Borrow, Keith Travers, LL.B.	1939
Blackburn, John Stewart, B.A.	1914	Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937)	1947
Blackburn, Margaret Alison, B.A.	1951	Bosher, Peter Abel, B.E.	1950
Blackburn, Richard Arthur, B.A.	1939	Bosher, Victor James Marcel, M.Sc. (B.Sc., London)	1949
Blackburn, Robert Stewart, B.D.S.	1941	Bosworth, Richard Charles Leslie, D.Sc. (B.Sc., 1928; M.Sc., 1931)	1938
Blackburn, Suzanne Burton, M.B., B.S.	1948	†Both, Ross Andrew, B.Sc.	1960
Blacket, Alison Flora, B.A.	1954	Botham, John Robert, B.Ag.Sc.	1950
Blacket, Arthur Howard, B.A.	1927	Botten, Robert Gray, M.B., B.S.	1949
Blacket (nee Dickinson), Edith Grace, B.A.	1926	Boucaut, James Penn, LL.B.	1939
†Blacket, Margaret Edith Wilmot, B.A.	1960	†Boucaut, William Ray Penn, B.Sc.	1958
†Blackman, Lynette Nancy, B.A.	1960	Boundy, Clive Alfred Paul, B.E.	1935
†Blackmore, Gerda, B.A.	1958	Boundy, Rex, B.E.	1923
Blades, James Frederick, B.A.	1947	Boundy, William Stevenson, B.Sc.	1950
		Bourke, Elma Marie, B.A.	1933
		Bourke, Herbert Merwin, M.B., B.S.	1922
		Bourne, Malcolm Cornelius, B.Sc.	1949
		Bowden, John Gilmore, B.Sc.	1954
		Bowden, Kevin Benjamin, B.E.	1951
		Bowden, Wallace Auckland, M.B., B.S.	1953
		Bowen, Maurice Emanuel, LL.B.	1956

† Not yet Members of the Senate.

Bowering, Beryl, M.B., B.S.	1933
Bowering, Douglas Charles, M.B., B.S.	1954
Bowering, Owen Wheatley, M.B., B.S.	1937
Bowes, Colin Robert, B.Sc.	1945
Bowes, Donald Ralph, M.Sc. (B.Sc., 1945)	1948
Bowes, Keith Russell, M.A. (B.A., 1955)	1958
Bowey, Allan Edgar, B.Sc.	1953
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
Bowyer, Donald Albert, B.E.	1957
Boyce, Althea Enid, B.A.	1930
†Boyce, Malcolm Herbert, B.Tech.	1960
†Boyce, Peter James, B.Tech.	1960
Boyce, Robert William, B.E.	1954
Boyce, Sidney Herbert, B.E.	1928
†Boyd, Ashley James, B.Sc.	1960
Boylan, Francis Eugene, LL.B.	1953
Boyle, Kevin William, B.E.	1940
Boyle, Lester Robert, M.D.S. (B.D.S., 1943)	1947
Brabham, Roy Andrew, B.E.	1956
Bracken, Maurice John, B.A.	1947
†Bradbury, James Samuel, B.Tech.	1960
Braddock, Lyall Arthur, B.Ec.	1944
Braden, Allan Walter Horace, B.Sc.	1944
†Bradley, James, B.Tech.	1959
†Bradley, Michael Charles, M.A. (B.A., 1955)	1960
†Bradtko, Walter John, M.B., B.S.	1960
Bragg, Sir William Lawrence, B.A.	1908
†Braham, Henry Arnold Collyer, B.A.	1959
Brain, Patricia Ethel, M.B., B.S.	1957
Brame, Alan John Fisher, B.E.	1951
Bramwell, Myra Gladys, B.A.	1940
Brand, Ian Allen George, M.B., B.S.	1957
Brandstater, Bernard John, M.B., B.S.	1951
Brandstater, Rhona, B.Sc.	1949
†Branford, John Andrew, B.Tech.	1960
†Branford, Neil Leslie, B.Ec.	1959
Branson, Colin William, B.Ec.	1953
Branson, Dean Martin, M.B., B.S.	1955
Branson, Harold Randolph, M.B., B.S.	1921
Brasch, Leonard William, B.Sc.	1950
†Brauer, Arne, B.Ec.	1960
Brauer, Edwin Harold, B.A.	1947
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899)	1905
†Brauer, Thomas, B.Tech.	1959
Braunthal, Norman Frank, B.Ec.	1947
Brawn, May, M.A. (B.A., 1922)	1924
Bray, Andrew Mackie, M.E. (B.E., 1950)	1960
Bray, Elva Mildred, B.A.	1941
Bray, Gildart Harvey, M.A., (Aberdeen, 1890)	1891
Bray, Isabel Mary, B.Sc.	1951
Bray, John Jefferson, LL.D. (LL.B., 1932)	1937
Bray, John Marmion, B.Sc.	1942
Bray, Robert Stow, B.Sc.	1942
Bray (nee Trengove), Rosalie Irene, M.A. (B.A., 1928)	1930
Bray, William Harry, LL.B.	1951
Brazel, James Francis, LL.B.	1926
Brazier, John Richard, B.A.	1948
Breakey, Angus James, B.E.	1953
Braekwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931)	1939
Brealey, Keith Lisle, B.Sc.	1951
Brearley, Maurice Norman, Ph.D.	1958
Brebner, Charles Ross, LL.B.	1954
Brebner, Donald Malcolm, LL.B.	1951
Bree, Ellen Ruth, B.A.	1942
Bree, Joan Alison, B.Sc.	1948
Brentnall, George Rex, M.B., B.S.	1953
Brett, Horace William Walter, Ph.D. (B.Sc., 1951)	1957
Brett, Peter Robin, B.Sc.	1956
Breyard, Keith Beaumont, B.E.	1956
Brice, Annette, B.A.	1954
Brice, Emilie Una, B.A.	1937
Brice, Helen Elizabeth, B.Sc.	1953
Brice, John Marshall, B.Sc.	1951
Brideson, Hedley Cyril, B.A.	1943
†Bridge, Kennedy James, B.A.	1959
Bridgland, Milton Deane, B.Sc.	1942
Bridgland, Reginald James, M.E. (B.E., 1930)	1935
Brigden, James Bristock, B.A. (Oxford, 1920)	1926
Bright, Charles Hart, B.A.	1934
LL.B.	1934
Brindal, Rosemary Barbara, M.B., B.S.	1949
Brindal, William Harley, B.D.S.	1956
Brisbout, John Augustus Roger, M.B., B.S.	1950
Broadbent, Eric Elihu, M.B., B.S.	1917
Broadbent, Henry Neil Gribble, B.E.	1952
Broadbent, Ian Nicholas, M.B., B.S.	1954
Broadfoot, Kenneth Davidson, B.E.	1954
Brock, Erland Jeffrey, B.A.	1955
Brock, Rex Richard Ashby, M.B., B.S.	1949
Brock, Robert John, B.E.	1955
Brockhoff, John Ashleigh, B.Sc.	1956
†Brockhurst, Peter John, B.Tech.	1959
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. (B.A., 1912)	1926
Brook, Donald Leslie, B.E.	1949
Brook, Richard John, B.Sc.	1956
Brooke, Joyce Ethel, M.Sc. (B.Sc., 1935)	1939
Brooke, Malcolm Archibald, B.E.	1925
†Brooke, Peter Michael, B.E.	1958
Brooke, William Charles Robert, B.E.	1931
Brooker, Murray Ian Hill, B.Ag.Sc.	1957
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. (B.E., 1913)	1925
Brooks, Brian John, B.E.	1951
†Brooks, Bruce Allen, B.E.	1960
†Brooks, Colin Charles, B.Sc.	1959
Brooks, David Stirling, M.E. (B.E., 1955)	1958
Brooks, George Herbert, B.Sc. (Eng.)	1943
Brooks, Hector Buckland, B.Ag.Sc.	1954
Brooks, Ian Arnot, M.B., B.S. (Edinburgh, 1943)	1955
Brooks, James Alfred, B.Sc.	1952
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. (B.A., 1938)	1940
Brose, Henry Herman Leopold Adolph, D.Sc. (B.Sc., 1910)	1931
†Brougham, John Harvey, B.E.	1960
Broughton, Rodney Whitfield-Smith, B.E.	1953
Brous, Michel, M.B., B.S.	1945
Brown, Alfred Reginald Radcliffe, M.A. (Cambridge)	1926
Brown, Cyril Maitland Ash, B.A.	1932
†Brown, Denis Hackett, B.Sc.	1960
Brown, Donald Edgar, B.A.	1954
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, Graham Barrett, B.E.	1952
Brown, Geoffrey Frank, B.Sc.	1952
Brown, Geoffrey Ivan, B.D.S.	1946
Brown, Geraldine Whittle, B.Sc.	1949
Brown, Henry, M.A. (B.A., 1920)	1924
B.Ec.	1936
Brown, Howard Arthur, B.E.	1938
Brown, Ian, B.Sc.	1940
Brown, James Howard, M.B., B.S.	1944
Brown, Jennifer May, M.B., B.S.	1957
Brown, Joan, B.Sc.	1954
Brown, John Arthur Stacy, B.Sc.	1951
Brown, Judith Eileen, B.Sc.	1954
Brown, Kenneth Aylesbury, B.D.S.	1950
Brown, Kenneth Barden, M.B., B.S.	1942
Brown, Laurence Binet, Ph.D. (London, 1954)	1958
Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948
Brown, Margaret, M.B., B.S.	1956
Brown, Mary Home, B.Sc.	1902
Brown, Maurice William, M.B., B.S.	1954
Brown, Norman, B.A.	1952
†Brown, Raymond George, Ph.D. (Birmingham, 1956)	1959
†Brown, Raymond George, B.Sc.	1960
Brown, Reginald Dutton, B.Ec.	1945
Brown, Richard Archibald, B.E.	1954
Brown, Robert Foster, LL.B.	1936

† Not yet Members of the Senate.

Campbell, Archibald Way, M.B., B.S.	1896	Catchlove, Sydney George Leyland, M.B., B.S.	1907
Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889)	1889	Catchpole, Bernard Newman, M.D. (Manchester, 1959)	1960
Campbell, Donald, LL.B.	1911	Catchpoole, John Roger, B.Sc.	1952
Campbell, Florence Way, Mus.Bac.	1897	†Catford, Geoffrey William, B.A.	1959
Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Cathro, Keith James, Ph.D. (B.E., 1954)	1957
Campbell, George McClelland, B.D.S.	1956	Cattrall, Robert Walter, B.Sc.	1957
Campbell, Gordon Cathcart, B.A.	1906	Causby, Donald James, B.E.	1950
LL.B.	1909	Caust, David Kennings, M.B., B.S.	1946
Campbell, Ian Duncan, B.E.	1955	Caust, Leslie James, M.B., B.S.	1954
Campbell, Ian George, M.B., B.S.	1953	Cavalier, Herbert Ramsden, M.A. (Oxford, 1902)	1931
Campbell, Jessie, B.A.	1908	†Cavenett, Brian Clifford, B.Sc.	1960
Campbell, Jessie, B.A.	1929	Cawdle, Robert Ferris, B.E.	1951
Campbell, Kenneth Bruce Desmond, B.E.	1931	Cawte, Frederick George Nelson, B.A.	1943
†Campbell, Kevin Desmond, B.Tech.	1958	Cawte, John Ewart, M.B., B.S.	1949
†Campbell, Thomas Draper, D.D.Sc., (B.D.S., 1921)	1923	Cellier, Kevyn Meylan, B.Sc.	1955
D.Sc.	1939	†Chai, Hon-Chan, B.A.	1959
Canaway, Geoffrey Watson, B.E.	1951	Chalklen, Gwendoline Elizabeth, B.A.	1930
Cannell, Cedric James, B.Sc.	1931	Chalklen, Roland John, B.A.	1956
B.A.	1943	Chamberlain, Reginald Roderic St. Clair, LL.B.	1922
†Cannell, John Kingerley, B.E.	1959	Chambers, Gordon Manson, M.B., B.S.	1957
Canning, Albert Edward, B.E.	1949	Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930)	1933
Canny, Kevin Francis, LL.B.	1953	†Chan, Chee Wah, B.E.	1959
Canny, Nicholas Joseph, B.Sc.	1947	Chan, Kong Lam, M.B., B.S.	1956
†Cant, Alistair McKinnon, B.A.	1939	†Chan, Sau Kam, Mary Bernadette, M.B., B.S.	1960
†Cant, Elizabeth Lawrence McKinnon, B.Sc.	1959	†Chan, Wah Tim, Henry, B.E.	1960
†Cant, Harry Arundale, B.Sc.	1924	Chandler, Arthur James, M.B., B.S.	1927
†Cant, Isobel Brown, B.A.	1954	†Chandran, Saravanamuthu, M.B., B.S.	1959
†Cant, Rodney Revett, B.Ag.Sc.	1949	†Chant, Barry Mostyn, B.A.	1960
†Cantlon, Bryon Ernest Charles, B.Tech.	1959	†Chaplin, Denis Howard, B.Tech.	1959
†Capon, Ian Nicholas, B.Sc.	1957	Chapman, Arthur Horsley, B.E.	1927
†Carapetis, Steve, B.Tech.	1958	†Chapman, Denise Alcon, B.A.	1960
†Carasso, Alfred Samuel, B.Sc.	1960	Chapman, Ernest Stirling, B.D.S.	1928
Carden, David, M.B., B.S.	1953	Chapman, Frank Hewett, LL.B.	1930
Carey, Edward John, B.Ec.	1946	Chapman, Gilbert Wesley, M.B., B.S.	1955
Carey, Francis Clive Savell, Mus.Bac. (Cambridge, 1906)	1924	Chapman, John Marsden, B.A.	1934
†Carey, Gerald David, B.Ec.	1958	†Chapman, John Pearce, Mus.Bac.	1960
Carey, John Gilbert, B.Sc.	1954	Chapman, Peter Noel, B.D.S.	1952
Carman, Robert Douglas, M.S. (M.B., B.S., 1939)	1948	Chapman, Stanley Bertram, B.Sc.	1931
Carman, Stephen Hewett, LL.B.	1936	B.E.	1934
Carmen, Noel Francis, B.A.	1947	Chapman, William Glanville, B.E.	1935
Carmichael, Donald Ross, B.A.	1950	†Chappel, Shirley Joan, B.A.	1959
Carne, Alfred George, B.A.	1912	Chappell, John Francis, B.E.	1952
Carne, Ian Hamilton, B.E.	1940	Chappell, John Graham, B.Sc.	1950
Carr, Emma Lucy, B.A.	1917	Chappell, William Thomas, M.B., B.S.	1953
†Carrail, Robert Murray, B.Ag.Sc.	1958	Chapple, Alfred, B.Sc.	1894
Carroll, Mary Philomena, B.A.	1933	Chapple, Colin Frederic, M.B., B.S.	1936
†Carruthers, Alfred Lloyd Harvey, B.Ec.	1957	Chapple, Harold, B.Sc.	1900
Carter, Alan Norval, M.Sc.	1917	Chapple, Phoebe, B.Sc.	1898
Carter, Alexander John, B.Sc.	1957	M.B., B.S.	1904
Carter, Charles Robert, B.Sc.	1947	Chard, June Myra, M.B., B.S.	1947
Carter, Edward Diment, B.Ag.Sc.	1949	Charlesworth, George Harvey, B.A.	1953
Carter, Elijah, LL.B.	1947	Charlesworth, Thomas William, M.A., (B.A., 1925)	1932
Carter, Elizabeth Reay, B.A.	1942	Charnock, John Stewart, B.Sc.	1956
Carter, Frank Killingbeck, B.Sc.	1922	†Charter, Brian, B.E.	1958
Carter, Ian Dan, M.B., B.S.	1952	Chartres, Bruce Alywn, M.Sc. (B.Sc., 1950)	1953
Carter, Ida Jane, B.A.	1918	Chase, Brian Collison, B.E.	1956
Carter, Maurice Vernon, M.Ag.Sc. (B.Ag.Sc., 1951)	1957	†Cheah, Dolly, B.Sc.	1959
Carter, Maxwell John, B.Sc.	1948	Cheah, Sim Huat, M.B., B.S.	1957
Carter, Melville Lionel, M.B., B.S.	1953	Cheek, Allison Mary, B.A.	1949
†Carter, Rodney Frederick, M.B., B.S.	1959	Cheek, Bruce Mansfield, M.A. (B.A., 1947)	1949
Carthew, Allen Rex, B.Sc.	1949	Cheek, Donald Brook, M.D. (M.B., B.S., 1947)	1953
Carthew, Brian, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Cheek, Nancy Olive, M.B., B.S.	1942
Carthew, John, B.E.	1952	†Cheeseman, Andrew Walford, B.A.	1959
Carthew, Lancelot, B.A.	1932	Cheesman, Graham Frank, M.B., B.S.	1946
Cartledge, Jack Pickering, LL.B.	1921	Chelley, Thelma Loraine, B.Sc.	1954
Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Chenell, John Gordon Peake, B.Sc.	1951
†Casals, Joel Canonigo, B.E.	1960	Cheney, Kevin, M.B., B.S.	1956
†Cashin, Ronald James, B.Tech.	1960	Cherry, Aileen Percival, B.A.	1934
Cashmore, Alec Brooke, M.Sc. (B.Sc., 1929)	1938	M.B., B.S.	1949
Cashmore, George Herbert, M.B., B.S.	1927	Cherry, Edward Percival, M.B., B.S.	1938
†Cashmore, Gillian Frances, B.A.	1960	†Cherry, Robert James, B.Tech.	1960
Cashmore, Helen Patricia, B.A.	1948	Chesney, David Alexander, B.Sc.	1954
Casling, Reginald Herbert, B.E.	1951	B.A.	1957
Casson, Leslie Frank, M.A. (B.A., 1925)	1928	Chester, Harry Leonard, M.B., B.S.	1925
Casson, Paul Bevis, B.Sc.	1935	Chester, Leonard Raymond, B.Sc.	1951
Castle, Edgar Woods, B.A.	1952	Chesterman, Harry Martin, B.E.	1950
Castle, Robert Norman, M.B., B.S.	1953	Chew, Chong Kan, M.B., B.S.	1957
Castles, Alexander Cuthbert, LL.M. (J.D., Chicago, 1957)	1959	Chibnall, Helen, B.Sc.	1944
Catcheside, David Guthrie, D.Sc. (London)	1952	Chick, John Bertram, B.Sc.	1948
		M.B., B.S.	1955
		†Chick, Malcolm, B.Sc.	1958

† Not yet Members of the Senate.

Chignell, Arthur Kent, B.A.	1900	Cleland, James Lindsay, B.A.	1954
Child, Marie Beatrice, B.A.	1926	Cleland, Joan Burton, M.Sc. (B.Sc., 1937)	1947
Childs, John Tothill, B.D.S.	1952	Cleland, John Burton, M.B. (Sydney, 1902)	1902
Childs, Peter Anthony, M.B., B.S.	1953	Cleland, Michael Edward Erskine, LL.B.	1951
Chinner, Beryl Esther, Mus.Bac.	1947	Cleland, Pamela Mary, B.A.	1949
Chinner, Graham Alan, M.Sc. (B.Sc., 1953)	1955	LL.B.	1956
Chinner, Melville Ernest, M.D. (M.B., B.S., 1925)	1938	Cleland, Peter Fullerton, LL.B.	1947
Chittleborough, Glen, B.Sc.	1956	Cleland, William Paton, M.B., B.S.	1934
Chittleborough, Jeffrey David, B.Sc.	1951	Clements, Trevor Murray, B.D.S.	1950
Chittleborough, John Lincoln, B.E.	1956	Clendinnen, Ian Jeffrey, B.Sc.	1952
Chittleborough, Laurel Evelyn, B.A.	1947	M.B., B.S.	1959
†Chittleborough, Lyall, B.A.	1960	Clezy, John Kenneth Albert, M.B., B.S.	1954
Chittleborough, Robert Graham, M.Sc. (B.Sc., 1948)	1952	†Clezy, Trevor Munro, M.B., B.S.	1958
Chmelauskas, Stasys, B.A. (Ph.D., Leipzig, 1944)	1954	Cliff, Lawrence Henry Marcus, B.A.	1951
Choate, Max Paul, B.A.	1950	Clisby, Robert Leonard, B.E.	1954
†Chong, Chee Tsun, M.B., B.S.	1959	B.Ec.	1960
†Chong, Peng Wah, B.Sc.	1960	Clode, Ailsa Marjorie, B.A.	1928
†Chong, Yoon Hin, B.Sc.	1958	Close, Frank William, B.Sc.	1931
Choo, Chek Juan, B.Ec.	1956	Close, Mary Frances, B.A.	1940
Choo, Soo Bin, B.D.S.	1957	Close, Maynard Davidson, B.A.	1938
†Choo, Suat Bee, B.Sc.	1959	Close, Ronald Wilkinson, B.Sc.	1929
Christie, Basil James Frederick, Ph.D. (B.Sc., 1953)	1958	Close, Rosemary Jocelyn, M.B., B.S.	1947
Christie, Margaret, B.A.	1945	Close, Walter John Westcott, M.S., (M.B., B.S., 1913)	1929
Christie, Patrick Joseph, LL.B.	1925	†Clothier, Eric Andrews, B.E.	1958
Christie, William, M.B., B.S.	1925	Coaldrake, John Edward, M.Sc. (B.S., 1949)	1951
Christophers, Barry Eastwood, M.B., B.S. (Melbourne, 1945)	1956	†Coat, Jillian Irene, B.Ec.	1958
Christophersen, Jack Vivian, B.D.S.	1927	Coates, Dorothy Ravelle, M.B., B.S.	1949
†Chuah, Kim Leong, B.Sc.	1959	Coates, John Hewlett, Ph.D.	1958
†Chung, Sooli Kong, M.B., B.S.	1960	Coates, John Richard, M.B., B.S.	1944
Church, Jack Raymond, B.Sc.	1949	Coats, Claude Hampson, M.A. (B.A., 1927)	1929
Church, John Henry, M.A. (B.A., 1932)	1934	Coats, Douglas Alan, M.B., B.S.	1946
Church, Keith Neville, B.E.	1951	Coats, Geraldine Dulcie, B.Sc.	1951
Churchward, Spencer, M.A. (B.A., 1900)	1903	Coats, Lloyd Stewart, M.B., B.S.	1957
Churchward, Stella Mary, B.Sc.	1904	Cochrane, Gordon Ross, M.A. (New Zealand, 1955)	1957
†Cibiras, Stasys, LL.B.	1958	†Cochrane, Heather Bernice, B.A.	1959
Clento, Sir Raphael West, M.D. (M.B., B.S., 1918)	1922	Cock, Alexa Beatrice, B.A.	1921
Clapp, Cedric Norman, B.D.S.	1938	Cock, Herbert Edward, B.D.S.	1941
Clapp, Kevin Hubert, M.Sc. (B.Sc., 1947)	1960	Cock, Leonard Ambrose, M.B., B.S.	1932
†Clare, Bruce Garnet, B.Sc. (Queensland, 1958)	1959	Cockburn, Andrew Syme, M.B., B.S.	1954
Claridge, Philip George Brian, B.E.	1954	Cockburn, Malcolm Turner, M.D. (M.B., B.S., 1925)	1934
Clark, Annie Winifred, M.B., B.S.	1922	†Cockburn, Malcolm, B.Ec.	1958
Clark, Archie Septimus, B.Sc.	1900	Cockburn, Patricia, B.A.	1944
Clark, Eunice Jean, B.Sc.	1952	Cockburn, Robert Forbes, B.E.	1933
Clark, Helen Goldthorp, M.Sc. (B.Sc., 1942)	1948	Cockburn, Robert Francis, B.E.	1957
Clark, Henry William, B.A.	1951	Cocks, Alan Malcolm Vawdrey, M.B., B.S.	1946
Clark, Hugh Rodney, M.E. (B.E., 1934)	1938	Cocks, Alec Douglas, B.D.S.	1924
Clark, James Blyth, LL.B.	1953	Cocks, Alfred Sydney de Bohun, M.S. (M.B., B.S., 1925)	1939
Clark, John Francis, B.D.S.	1922	Cocks, Bruce Gordon, B.D.S.	1952
Clark, John Osborne, LL.B.	1941	Cocks, Edward Desmond, M.B., B.S.	1942
Clark, John Symonds, B.E.	1951	Cocks, Keith Trestrail, B.Ec.	1956
Clark, Leslie Helen, B.Sc.	1955	Cocks, Sydney Gordon, B.D.S.	1925
Clark, Mary Patricia, B.A.	1951	Coffey, Dennison Dean, LL.B.	1953
Clark, Pauline, B.Sc.	1948	Coggins, Harold Douglas, B.Sc.	1951
Clark, Robert John, LL.B.	1933	Coggins, Robert Symes, B.Sc.	1949
Clark, William Raymond, B.E.	1951	B.A.	1954
Clarke, Allan Lawrence, B.Ag.Sc.	1952	Coghlan, Brian Laurence Dillon, Ph.D. (Birmingham, 1957)	1958
Clarke, Andrew Michael Fausset, M.B., B.S.	1951	Coghlan, Marie Teresa Clare, B.A.	1928
Clarke, Brian Russell, B.Sc.	1945	Cohen, Alexander Kevin, M.B., B.S.	1950
Clarke, Geoffrey David, B.D.S.	1956	Cohen, Brian Garland Dunstan, M.B., B.S.	1957
Clarke, Harold Vernon, B.D.S.	1934	Cohen, Harry, M.B., B.S.	1955
Clarke, Miles de Courcy, M.B., B.S.	1942	Cohen, Lena Sybil, B.A.	1934
Clarke, Phil Gregory, B.A.	1948	Colby, Eunice Mary, B.Sc.	1949
Clarke, Reginald Harry, B.Sc.	1939	Cole, Anthony Haslam, B.Sc.	1953
B.A.	1942	Cole, Cyril Richard, B.Sc.	1914
Clark-Lewis, John William, Ph.D. (Nottingham, 1951)	1956	Cole, Joan Margaret, B.Sc.	1957
Clarkson, Alan James, M.B., B.S.	1934	Cole, Jonathan Haslam, B.A.	1954
Clarkson, Colin Lloyd, B.Sc.	1950	Cole, Reuben Herbert George, B.Sc.	1950
Clarkson, Roger Philip, M.B., B.S.	1956	Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
†Clarnette, David Leon, M.B., B.S.	1959	Cole, Thomas Haslam, LL.B.	1922
†Clayer, John Reeves, M.B., B.S.	1960	Colebatch, Gordon Thomas, B.E.	1932
Claxton, Lindsay Grahame, B.E.	1955	Colebatch, Hal John Hester, M.B., B.S.	1951
Clayton, Arthur Ross, M.B., B.S.	1902	Colebatch, John Houghton, M.B., B.S.	1933
†Clayton, John Graham, B.E.	1959	Colebatch, Walter John, B.Sc. (Edinburgh, 1903)	1906
Clayton, John Jesson, B.E.	1957	Coleman, Arthur Paul, B.E.	1948
Clayton, Sally Jeanette, B.A.	1954	Coleman, Isobel Beryl Jean, B.A.	1939
†Clegg, Michael John, B.E.	1960	Coleman, James Terence, LL.B.	1952
Clegggett, Edith, B.A.	1921	†Coleman, John Patrick, B.Ec.	1960
Clegggett, Lloyd, B.A.	1955	Coleman, Margaret Christine, B.A.	1945
Cleland, Elizabeth Robson, M.Sc. (B.Sc., 1931)	1935	Coleman, Margaret Elizabeth, B.Sc.	1945
		Coles, Mignonette, B.A.	1912
		Coles, Philip Douglas, B.A.	1936

† Not yet Members of the Senate.

Collins, Allen Geoffrey, M.B., B.S.	1956
Collins, Charles Vincent, B.A.	1931
Collins, Frank Miles, M.Sc. (B.Sc., 1950)	1952
Collins, Frank Sandford, B.E.	1942
Collins, John Malcolm, M.B., B.S.	1952
† Collins, Kenneth Ernest, M.B., B.S.	1960
Collins, Leslie William Nettell, B.E.	1931
Collins, Marjorie Isabel, B.Sc. (Sydney, 1916)	1918
† Collison, Bayfield Ian, LL.B.	1958
Colman, William Russell Goodwin, B.E.	1922
† Colquhoun, Harold George, M.B., B.S.	1960
Colquhoun, Lindsay Talbot, B.D.S.	1956
Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929)	1933
Colton, John Blacker, LL.B.	1941
Colton Robert Stirling, M.D. (M.B., B.S., 1944)	1960
† Colvill, Anthony John Ernest, B.Sc.	1959
Colville, Arthur Landseer, LL.B.	1905
Colville, John Stuart, M.Sc. (B.Sc., 1948)	1956
Comley, Charles Herbert, M.A. (B.A., 1906) B.Sc.	1910 1906
Conant, James Bryant, D.Sc. (Sc.D., Columbia)	1951
Condon, Robert Francis, B.Sc. M.B., B.S.	1940 1946
† Conley, William Michael, B.Ag.Sc.	1958
Connor, Brian Anthony, M.B., B.S.	1953
Connor, John Leo, B.A.	1935
Conroy, Keith Douglas, B.E.	1952
Conybeare, William James, B.A. (Cambridge, 1894)	1895
Cook, Adrian Hartley, B.A.	1952
Cook, Ernest Peter, B.E.	1929
Cook, Gordon James, B.Ec.	1941
Cook, Hugh David, M.B., B.S.	1953
Cook, Ronald Bruce, B.E.	1957
Cooke, Allan George, B.E. B.Sc.	1945 1952
Cooke, Barbara Terment, B.Sc.	1936
Cooke, David John, B.E.	1954
Cooke, Florence Emmeline, Mus.Bac.	1900
Cooke, Frank Edward, B.Sc.	1950
† Cooke, James Alexander Elder, B.Ag.Sc.	1960
Cooke, Peter Terment, B.Sc.	1931
Cooke, Raymond Greayer, D.Sc. (M.Sc., 1938)	1960
Cooke, Theodore John Lloyd, M.B., B.S.	1956
Cooling, Max Sylvester, M.B., B.S.	1944
Coombe, Alec Holloway, M.A. (B.A., 1924)	1933
Coombe, Bryan George, M.Ag.Sc. (B.Ag.Sc., 1948)	1957
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
Coombe, Toderick Edward, B.D.S.	1952
Coonan, Edward Raymond, B.Ec.	1955
† Cooney, James Marcus, B.Tech.	1958
Cooper, Adrian Harry Campbell, B.A.	1935
Cooper, Catherine Margaret, LL.B.	1954
† Cooper, Christopher John, M.B., B.S.	1959
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, Peter George, B.Tech.	1960
† Cooper, Richard Edgar, B.Sc.	1960
Cooper, Thomas Edwards, B.E.	1922
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered)	1913
Cootie, George Gilbert, B.Sc. B.A.	1931 1939
Cooter, Robert Benjamin, M.B., B.S.	1952
Copland, Sir Douglas Berry, LL.D. (McGill, Clark, Carleton, British Columbia)	1958
Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
† Coppock, Barrie William, B.Tech.	1960
† Corbett, John Vincent, B.Sc.	1960
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
Cornelius, Muriel Merle, B.A.	1951
Cornell, James Gladstone, M.A. (Melbourne, 1928)	1938
Cornell, Philippa Sinclair, B.A.	1956
Corney, Eric Ronald, M.A. (B.A., 1936)	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, D.Sc. (M.Sc., 1940)	1951
Cornish, Jack Rodolph, LL.B.	1928
Cornish, John Edwin, B.Sc.	1943
† Cornish, William Rodolph, LL.B.	1960
Corpe, John Wood, B.E.	1935
Correll, Shirley Edith, B.A.	1953
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, James Sutherland, B.Sc.	1959
Cotton, John Carrington, B.Sc.	1951
Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Cottrell, Eric, B.E.	1935
Coulls, Brian Helston, B.Sc.	1950
Coulter, John Richard, M.B., B.S.	1956
Coulter, Wilfred Neil, B.E.	1954
† Coulthard, Robert John, M.B., B.S.	1958
Counsell, Ruth Kingsley, B.A.	1951
Couche, Raymond Arthur, B.Sc.	1949
Coventry, Cameron Hilder, B.Sc.	1900
Covernton, John Selby, M.D. (M.B., B.S., 1931)	1947
Cowan, George Dalrymple, LL.B.	1911
Cowan, Leslie Thompson, B.Sc.	1907
Cowan, Robert Francis, B.A.	1912
† Cowan, Robert Mowlem, B.Sc.	1960
Cowan, Ronald William Trafford, B.A.	1936
Cowan, William Albert, M.A. (N.Z., 1930)	1934
Coward, Ivan Fernley, B.Ec. B.A.	1940 1951
Cowden, Kenneth Laurence Brooke, M.B., B.S.	1932
Cowell, Dorothy Margaret, B.A.	1941
† Cowell, James Howard, B.Ag.Sc.	1958
Cowell, James Richard, B.A.	1939
Cowley, George Russell, B.E.	1949
Cowley, John Maxwell, D.Sc. (B.Sc., 1942; M.Sc., 1945)	1957
Cowling, Brian Deucalion, M.B., B.S.	1948
Cowling, Gordon Aubrey, B.E.	1928
Cowling, Lionel Deucalion, M.B., B.S.	1923
† Cowper, Ronald George, B.Tech.	1958
Cowperthwaite, Elsie Eleanor, M.A. (B.A., 1903)	1906
Cox, Alwyn Birchmore, M.Sc. (B.Sc., 1927)	1932
Cox, Bernard John, B.E.	1956
Cox, Brian Rothwell, LL.B.	1953
Cox, Carlton Ingham, B.Sc.	1929
Cox, David Vassall, Mus.Bac.	1936
Cox, David William, B.Sc.	1934
† Cox, John Baxter, B.E.	1960
Cox, John Samuel Tweedale, M.B., B.S.	1955
Cox, Lloyd Woodrow, M.B., B.S. (M.B., Ch.B., N.Z., 1943)	1959
Cox, Norman Charles, B.E.	1951
Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
Cox, Rudolph William Arthur, B.E.	1921
Cox, William Frederick, B.Sc.	1955
Crabbe, Gavin Murray, M.B., B.S.	1927
Crafter, Kenneth Charles, M.B., B.S.	1944
† Craig, Robert James, M.B., B.S.	1959
Craig, William Alexander, B.E.	1950
Craker, David Lindsay, B.Sc.	1951
Craker, John Melville, B.Sc. B.E.	1954 1956
Cramond, Kelvin Malcolm, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945
Cramond, Margaret Mary Alyn, B.A.	1952
Crampton, Mary Hope St. Clair, M.A. (B.A., 1923)	1926
Cran, James Alexander, M.D.S. (B.D.Sc. (Qsld.), 1936)	1952
Crane, Alexander Herbert, B.Sc.	1926
Crane, Greta Ruby, B.Ec.	1937

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Crane, Neil Raymond, B.Sc.	1954
Cranley, Patrick, M.B., B.S.	1952
Craton, Patricia Clarice, B.A.	1948
Craven, David Edward, M.B., B.S.	1943
†Crawford, Graham John, B.Sc.	1959
†Crawford, John Sidney, B.Sc.	1960
Crawford, Lionel Payne, M.A. (Oxford, 1890)	1897
Creed, Philip John, M.B., B.S.	1950
Creeth, James Michael, Ph.D. (London, 1948)	1955
Cresswell, Edwin Fletcher, B.E.	1927
Cresswell, George Edwin, LL.B.	1939
Cresswell, Harry Richard, B.Ec.	1956
Cresswell, Reginald Gilbert Dorrien, LL.B.	1937
Crisp, Brian Correll, M.D.S. (B.D.S., 1945)	1952
Crisp, Charles Stephens, B.Sc.	1948
Crisp, Colin Francis Correll, B.E.	1954
Crisp, John Douglas Correll, M.E. (B.E., 1950)	1956
Crisp, Leslie Finlay, M.A. (B.A., 1938)	1948
Crisp, Margaret Emily, M.Sc. (B.Sc., 1945)	1950
Crocker, Dudley Furneaux, B.E.	1939
Crocker, Robert Langdon, D.Sc. (B.Sc., 1936; M.Sc., 1940)	1948
Crocker, Walter Russell, B.A.	1925
Croft, Edwin George, LL.B.	1952
Croker, Annie Isobel, B.A.	1934
Cromer, D'Arcy Ananda Neil, M.Sc. (B.Sc., 1932)	1935
†Crompton, Beverly Anne, B.Sc.	1960
†Crompton, David Owen, M.B., B.S.	1939
Crompton, James Woodhouse, M.E. (B.E., 1949) (Interim B.Sc. (Eng.), 1944, surrendered)	1959
Crompton, Robert Woodhouse, Ph.D. (B.Sc., 1948)	1954
Crook, Marjorie Marion, B.A.	1940
Crook, Richard Dallas, B.Sc.	1940
Crook, Walter Ralph, B.E.	1953
Cropley, Arthur John, B.A.	1957
Cropley, Frederick Waterton, B.E.	1932
Crosby, Melville Alexander Keith, M.E., (B.E., 1937)	1944
Crosby, Neil Daniel, M.D. (M.B., B.S. 1935)	1951
Crosby, Raymond Wilbur Louis, M.B., B.S.	1940
†Cross, Helen Margaret, B.A.	1960
Cross, Jack, B.A.	1957
Cross, Kenneth Gustav Walter, B.A. (Dublin, 1951)	1956
†Crouch, Shirley Joan, B.Sc.	1958
†Croucher, Colin, M.B., B.S.	1950
Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945
Crowe, Brian Rooney, LL.B.	1952
Crowe, Dean Salter, B.E.	1957
Crowe, Elizabeth Mary, B.A.	1951
Crowe, Noel Raymond, LL.B.	1957
Crowley, Desmond William, Ph.D. (London, 1952)	1960
Crowley, Noel Clarence, Ph.D. (M.Sc., 1954)	1957
Crozier, Jan Edwin Digby, M.D. (Cambridge, 1931)	1932
Cruikshank, Donella Heather, M.Sc.	1943
Crump, Cecil Charles, LL.B.	1923
B.A.	1935
Cudmore, Sir Collier Robert, B.A. (Oxford, 1909)	1932
Cullity, Thomas Brendan, M.B., B.S.	1947
Culshaw, George Vincent, LL.B.	1927
†Culshaw, George Vincent, B.E.	1959
Culver, Dorothy Evelyn, B.Sc.	1945
Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
B.Sc.	1949
Culver, Roy Vernon, Ph.D. (B.Sc., 1940)	1955
†Cumpston, Graham Neil, M.B., B.S.	1958
Cunningham, Mark Laurence, M.B., B.S.	1953
Curnow (nee Gilham), Doreen, B.A. LL.B.	1950
LL.B.	1958
†Curnow, Ellen Isabel, B.A.	1959
Curry, Allan Ralph, B.E.	1949
†Curtin, John Francis, B.Tech.	1960
†Curtis, Lawrence Gordon, B.Ec.	1959
Cusack, John Charles, B.Sc.	1954
Cussen, Nan Woodforde, B.A.	1935
Custance, Harold Maxwell, B.Sc.	1941
Custance, John Kentish, B.E.	1947
Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc.	1953
†Cutten, Judith Ann, B.A.	1959
D	
Dack, Thomas, B.A.	1936
Daddow, Henry Howard, B.A.	1940
Daenke, Lachlan Lewis, B.D.S.	1950
Daily, Brian, Ph.D. (B.Sc., 1952)	1957
†Dainius, Vytautas Peter, M.B., B.S.	1959
†Dalgarno, Charles Robert, B.Sc.	1959
Dallwitz, Walter Berthold, B.A. M.Sc.	1940
M.Sc.	1943
Dally, Frederick George, M.B., B.S.	1956
Dally, John Alton, B.A.	1956
Daltry, Kate, M.A. (B.A., 1922)	1924
Daly, David James, M.B., B.S.	1952
Daly, Lawrence John, B.E.	1951
Daly, Lewis John, B.A.	1953
Daly, Lyndsay James, M.B., B.S.	1954
Dalziel, Lawrence Henry, B.A.	1949
Daniell, Aileen Edna, B.A.	1950
Daniels, Brian William, M.B., B.S.	1957
Darling, Leslie Hayward, M.Sc. (B.Sc., 1945)	1949
Darr, David James, B.Sc.	1955
Darragh, Peter John, B.Sc.	1950
†Darskus, Rolf Ludwig, B.Sc.	1958
Dart, Ralph John, B.E.	1915
Darwin, Errol Raffael Henry, B.Sc.	1907
Darwin, Lisle Julius, M.A. (B.A., 1905)	1910
Davenport, John, M.B., B.S.	1952
Davey, Constance Muriel, M.A.	1918
Davey, Esther Marion, B.Sc.	1915
Davey, Laurence Llewellyn, M.B., B.S.	1913
†Davey, Lloyd Ernest, B.E.	1960
Davey, Roy Herbert, B.Sc.	1920
Davey, Victor Stanley, B.E.	1955
David, Daniel Arthur, M.A.	1930
David, John Fairhall, B.A.	1952
B.Ec.	1955
Davidson, James Logie, M.Ag.Sc. (B.Ag.Sc., 1953)	1956
Davidson, Robert Thomas, M.B., B.S.	1951
Davidson, Roy Laidlaw, B.A.	1907
Davie, Robert Samuel, B.E.	1955
Davies, Cathrine Margaret, B.A.	1957
Davies, David Llywelyn, M.B., B.S.	1943
Davies, Donald John, B.E.	1955
Davies, Donald Laurence, B.E.	1951
Davies, Ernest Salter, M.A. (Oxford)	1937
Davies, Myfyr Bryn, M.A. (Oxford, 1941)	1953
Davies, Norma Esther, M.B., B.S.	1953
Davies, Peter Owen Alfred Lawe, B.E. (Sydney, 1947)	1951
Davies, Rodney Deane, M.Sc. (B.Sc., 1950)	1953
Davies, Sheila Caroline, LL.B.	1948
Davies, William Laurence, B.A.	1914
Davis, Brian, B.Ec.	1955
†Davis, Bruce Raymond, B.E.	1960
Davis, Christine Joyce, B.A.	1937
Davis, Clive, B.Sc.	1951
Davis, David, B.A.	1906
Davis, Edward Bruce, B.Sc.	1949
Davis, Frederick Harry, B.A.	1955
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, Margaret Lily, B.A.	1955
Davis, Ray, B.Sc.	1915
Davis, Robert Bruce, B.A.	1948
Davis, Robert George, B.Sc.	1951
†Davis, Robert Keith, B.Ec.	1960
Davoren, John Joseph, LL.B.	1922
Davy, Arthur Francis, B.D.S.	1951
Daw, Arthur Baden Secombe, B.Ec.	1957
Daw, Francis Alan, B.Sc.	1945
Dawbarn, Mary Campbell, D.Sc. (B.Sc., 1923; M.Sc., 1928)	1959
Dawes, Walter Ernest, B.A.	1954
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, Margaret Ina, B.A.	1938
Dawkins, Sydney Letts, M.B., B.S. (Edinburgh, 1899)	1920
Dawson, Alfred Lisle, B.Sc.	1926
†Dawson, Anthony James, B.E.	1959
Dawson, David Lancelot, B.A.	1934
Dawson, Geoffrey Dean, B.E.	1937

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Dawson, Joseph Bernard, M.D. (London, 1911)	1920	†Djakusumah, Taty Rahmatiah, B.Ag.Sc.	1960
Dawson, Michael Dean, M.B., B.S.	1942	†Djaka, Soetratma, B.E.	1960
Dawson, William Inglis, M.B., B.S.	1957	Doble, William Devon, B.E. (Sydney, 1943)	1957
Day, Alison Chapman, B.Sc.	1947	Dobson, Lesbia Constance Alma, B.A.	1947
Day, Allan John, M.Sc. (B.Sc., 1947)	1950	†Dodd, Ian Hainsworth, B.E.	1960
M.D. (M.B., B.S., 1954)	1957	Dodd, Leslie, B.A.	1947
Day, Graham John, B.D.S.	1951	†Dodd, Lindsay Richard, B.Sc.	1960
Day, John Bice, B.D.S.	1944	Dodd, Robert Hedley, B.A.	1931
Day, Kathleen Emily, B.Sc.	1931	Doddridge, Albert Keith, M.B., B.S.	1953
†Day, Peter Julian, B.E.	1959	†Dodman, Robert Louis, B.Ag.Sc.	1959
Day, Robert Sydney, M.B., B.S.	1934	Dodwell, David, B.A.	1955
Deam, Robert Joseph, B.Sc.	1942	Dodwell, George Frederick, B.A.	1905
Deacon, Glen Berenger, B.Sc.	1957	†Doel, Derek Alfred, B.Ec.	1960
†Dean, Harry Michael, B.Med.Sc.	1960	†Dohadwala, Kutbuddin s/o Fidahusen, B.Sc.	1960
Deans, Absalom, B.A.	1912	Dohnt, Brian Ray, B.Sc.	1945
Dearlove, Thomas Pearce, M.B., B.S.	1942	Doherty, Maurice Edward, B.E.	1939
Dearman, Cyril Henry, B.E.	1950	Dolling, Charles Hoani Scott, M.Ag.Sc. (B.Ag.Sc., 1951)	1959
De Boehme, Cecil Brooks, LL.B.	1931	Dolling, Eleanor Ngaire, B.Sc.	1950
De Ceon, Neil, B.E.	1951	Doman, Frederick Spencer Howe, M.B., B.S.	1949
Deer, John Gregory, B.Sc.	1948	†Doman, Mary Gladys, B.A.	1959
Deer, William Henry, B.E.	1950	Donald, Colin Malcolm, M.Ag.Sc. (B.Sc. Agr., Sydney, 1933)	1939
de la Lande, Ivan Stanley, Ph.D. (Melbourne, 1958)	1959	Donald, Gordon Frederick, M.B., B.S. (Sydney, 1948)	1960
Deland (nee Robjohns), Annie Joan, B.A.	1923	Donaldson, Muriel Grace, B.A.	1934
Deland, Charles Mervyn, M.B., B.S.	1924	†Donaldson, Pamela Margaret, B.A.	1959
Deland, Curtis George, M.B., B.S.	1955	Donnellan, Teresa Marie, B.A.	1945
Deland, Peter Leonard, B.Sc.	1955	Donnelly, Thomas Hewson, M.B., B.S.	1937
Deland, Raymond John, B.Sc.	1947	Donnelly, Thomas Hugh, M.B., B.S.	1911
Dellow, Peter Glynn, B.D.S.	1949	Donovan, Francis Patrick, LL.B. (B.C.L., Oxford)	1952
M.B., B.S.	1957	Donovan, Mortimer Edward, M.B., B.S.	1946
Delmont, William George, B.D.S.	1932	Doolan, Ernest Joseph, B.A.	1944
Delprat, Lica, M.B., B.S.	1910	Doolittle, John Barton, B.Ag.Sc.	1951
Delprat, Mary Johanna Alberta Theodora, M.B., B.S.	1909	Dore, Frederick Arthur, B.Sc.	1950
Denby, Ernest Frank, B.Sc.	1951	Dorman, David Charles, B.Sc.	1915
Denholm, William Thomas, Ph.D. (M.Eng.Sc., Melbourne, 1952)	1960	Dorsch, Ernst Georg, B.A.	1926
†Dening, Patricia Joan, B.A.	1958	Dorsch, Magdalene Hedwig, B.A.	1933
Denis, William Norman, B.Sc.	1951	Dorsch, Theodor Siegfried, B.A.	1933
Dennis, Alan Henry, B.A.	1936	Dorsch, Wilhelm Bernhard, M.B., B.S.	1933
Dennis, Barbara Joan, B.Sc.	1955	Doudy, Cecil Roy, LL.B.	1906
Dennis, Edwin, B.Sc.	1950	Douglas, Donald Robin, B.Sc.	1949
Dennis, William John Allenby, B.Sc.	1956	Douglas, Francis John, M.B., Ch.B. (Melbourne, 1897)	1898
Dent, Marjorie, B.A.	1956	Douglas, Frank Nugent, M.B., B.S.	1956
Dent, Nancy, B.A.	1960	Douglas, Hugh Matheson, M.B., B.S.	1947
†Denton, David Ross, B.A.	1960	Douglas, Robert Langton, M.A. (Oxford, 1891)	1900
Denton, James Graham, M.B., B.S.	1954	†Douglas, Robert Matheson, M.B., B.S.	1960
Denton, Noel Fletcher, M.B., B.S.	1945	†Douglas (nee Duguid), Rosemary Lillian, B.A.	1958
†Depasquale, Paul, B.A.	1960	Douglas, Sholto John, M.B., B.S.	1930
de Rohan, Maurice John, B.Tech.	1960	Doull, Keith Murray, M.Ag.Sc. (N.Z., 1950)	1959
Derrington, Arnold Ward, M.B., B.S.	1947	Dow, Ian Baird, LL.B.	1953
Deutscher, Maxwell John, B.A.	1959	Dow, Lorna Ruth, M.B., B.S.	1954
Devaney, Helen, LL.B.	1942	Dow, William Harold John, B.Sc.	1949
de Vedas, Jack, M.B., B.S.	1938	†Dowbnia, Jaroslaw, B.E.	1958
Dew, Ian Albert, B.Sc.	1953	Dowding, Alan Lorimer, B.Sc.	1950
Dewar, Colin Chudleigh, M.B., B.S.	1949	Dowdy, Norman James, B.A.	1948
Dewar, Donald Gordon, B.E.	1952	Dowie, David Lincoln, M.E. (B.E., 1933)	1935
Dewar, John, B.Sc. (Eng.)	1945	Dowie, Donald Alexander, M.B., B.S.	1954
Diamantis, Alexander Adamantou, Ph.D. (London, 1958)	1960	Dowling, Donald Augustus, M.B., B.S.	1923
Diamond, Arthur Ian, B.A.	1952	†Downer, John William, B.E.	1959
Dibden, Frederick Andrew, M.B., B.S.	1941	Downey, Donnell Raymond, LL.B.	1930
Dibden, William Andrew, M.B., B.S.	1939	†Downey, Michael Seymour, M.B., B.S.	1960
Dick, Gordon Stuart Blyth, B.Sc.	1923	Downing, Bruce Jacob, M.B., B.S.	1953
†Dickson, Margaret Jill Barr, M.B., B.S.	1960	†Downing, Jennifer Alandine, LL.B.	1959
†Dickson, Ronald Stanley, B.Sc.	1958	Downing, Robert Gregory, M.B., B.S.	1952
Dickson, Warren, B.A.	1949	Downs, Benjamin, M.E. (Liverpool, 1947)	1949
Dietman, Clarence Charles, M.B., B.S.	1954	Downs, George William, B.A.	1947
Digance, James Roy, B.A.	1945	Downs, Howard Albert, B.A.	1949
Diggle, John Nelson, M.B., B.S.	1946	Doyle, Leo James, LL.B.	1931
†DiIanni, Michael James, B.A.	1959	Drabsch, Alfred Felix, B.A.	1941
Dilworth, Nerida Margaret, M.B., B.S.	1950	†Dragovich, Branko, B.Ec.	1959
Dineen, Desmond Patrick, M.B., B.S.	1952	Draper, Fred, B.Sc.	1924
Dineen, John Kenneth, Ph.D. (B.Sc., 1951)	1957	Draper, Morrell Henry, M.B., B.S.	1944
Dingle, Ian Ridgway, B.D.S.	1957	Draper, Neil, B.E.	1953
†Dingle, Margaret Jennifer, B.A.	1958	Draper, Ronald Philip, Ph.D. (Nottingham, 1953)	1956
Dinham, Charles Anthony, B.E.	1952	Drever, Ian Campbell, M.B., B.S.	1951
Dinning, Alfred Ernest, B.A.	1915	Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Dinning, Rodney Alfred Brady, B.A.	1950	Drew, Michael John Roskilly, M.B., B.S.	1951
Dinning, Trevor Alfred Ridley, M.B., B.S.	1942	Dridan, Julian Randal, B.E.	1922
Disney, Patrick Canning Wemyss, M.A. (Oxford, 1934)	1954	Driscoll, Hilda Marion, B.A.	1908
Dix, Alfred James, B.E.	1930	Drummond, Euphemia Gibb, B.A.	1923
†Dixon, Genevieve, B.Sc.	1960	†Drury, James Edward Owden, B.Ec.	1959
Dixon, John, B.Ec.	1957	Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Dixon, Lyall Douglas, M.A. (B.A., 1927)	1931		
Dixon, Peter, M.A. (London, 1956)	1958		

† Not yet Members of the Senate.

†Evans, David Denton Edwards, M.B., B.S.	1960	Field, Alan Kimber, B.A.	1956
Evans, David Wyke, B.Ec.	1957	Field, Frederick Laurence, LL.B.	1936
Evans, Dene, B.E.	1951	†Field, Graham John, B.E.	1958
†Evans, Elizabeth Ann, B.Sc.	1960	†Fielder, Donald Raymond, B.Sc.	1958
Evans, Eric Laurence, B.A.	1930	Fielding, Leonard Edmund, B.E.	1937
Evans, Geoffrey Gordon Llewellyn, B.D.S.	1951	†Filipic, Marijan, M.B., B.S.	1960
†Evans, Geoffrey William, B.Sc.	1959	†Filmer, Kenneth Frederick, B.D.S.	1946
Evans, George Richard, B.E.	1937	Filsell, Owen Holbrook, B.Sc.	1954
Evans, Horace Clement, B.Ec.	1956	Finch, Emily Olive, B.A.	1913
Evans, John William, M.A. (Cambridge, 1931)	1932	Finch, Peter Stewart, M.B., B.S.	1952
Evans, Kenneth Alan Greig, M.B., B.S.	1953	Finger, Martyn Rudolph, B.E.	1951
Evans, Lloyd Lindsay Carey, M.B., B.S.	1957	Finlay, Ada Jeanne, B.A.	1951
Evans, Marilyn Joan, B.A.	1957	Finlay, Frederic Albert Montague, Mus.Bac.	1940
Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929)	1943	Finlayson, Allan Harvey, B.E.	1932
Evans, Owen Ross, B.E.	1950	Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922)	1936
Evans, Robert George, M.B., B.S.	1954	Finlayson, Frank Harvey, B.E.	1930
Evans, Walter Alfred Wyke, B.D.S.	1928	Finlayson, James Francis, B.Sc.	1940
Evans, Wilfred Robert, B.E.	1924	Finn, Beatrice Mary, B.A.	1938
Everard, Betty Ann, B.Sc.	1945	Finnis, Maurice Meredith Steriker, B.A.	1937
Evershed, The Right Honourable Sir Francis Raymond, P.C., LL.D. (Melbourne, 1951)	1951	Finucane, Kevin Eugene, M.B., B.S.	1957
Ewens, John Qualtrough, LL.B.	1929	Fischer, Arthur Frederick, LL.B.	1925
Ewens, William David, B.A.	1934	Fischer, Gerald Lyn, B.A.	1954
Ewens, William Hector, B.Sc.	1957	Fishburn, Thomas Harold, B.A.	1932
Excell, John Eliot, B.E.	1940	Fisher, Anthony Graham, M.B., B.S.	1946
Ey, Geoffrey Thomas, M.B., B.S.	1947	†Fisher, Brian George, B.E.	1960
Eyers, Vivian George, B.Sc.	1955	†Fisher, David John, B.E.	1960
Eyles, Helen Mary, B.Sc.	1943	†Fisher, Dean Francis, B.Tech.	1960
Eyles, Philip Sydney, M.B., B.S. B.A.	1942	Fisher, Francis Robert, LL.B.	1950
Eylward, Richard John, B.Sc.	1949	Fisher, George Read, B.E.	1925
†Ezekiel, Eric, M.B., B.S.	1954	Fisher, Harry Medcalf, M.B., B.S.	1922
	1958	Fisher, Helen Joan, B.Sc.	1955
		Fisher, James Hubert Thomas, M.E. (B.E., 1934)	1950
F		Fisher, John Malcolm, B.Ag.Sc. (B.Sc.Agr., Sydney, 1953)	1959
†Faber, Bartholomeus, B.Tech.	1959	Fisher, Sir Ronald Aylmer, D.Sc. (Sc.D., Cambridge)	1959
Fahey, John Kevin, B.E.	1950	Fisher, Ruben Walter Alfred, B.A.	1948
†Fahy, Carlien Lorraine, M.B., B.S.	1960	Fisher, Tryphena Ellen, B.A.	1930
Fahy, Frederick Edward, B.E.	1953	Fisk, Graham Bristow, M.B., B.S.	1946
†Fails, Mervyn James, M.B., B.S.	1958	Fitch, Kenneth Duncan, M.B., B.S.	1955
Fairley, James, M.B., B.S.	1941	Fitch, Rosemary Lamburn, B.A.	1949
Fairley, Neil Hamilton, M.D. (Melbourne, 1917)	1949	Fitzgerald, Anne-Marie, B.Sc.	1955
Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered)	1913	Fitzgerald, Bartholomew John, B.A.	1929
Fairweather, Edna May, B.A.	1932	Fitzgerald, Clarence Lindsay, B.A.	1952
Fairweather, Ethel Firl, B.D.S.	1955	Fitzgerald, Gerald, B.D.S.	1932
Fairweather, John Henry, B.E.	1954	Fitzgerald, Hugh Lawrence, B.A.	1940
Falkenberg, Walter Edwin, B.A.	1940	Fitzgerald, James Joseph, M.A. (Melbourne, 1908)	1908
Fargher, Philip John, B.E.	1956	FitzHerbert, John Aloysius, M.A. (Cambridge, 1923)	1928
Farmer, Helen Robinson, B.A.	1945	Fitzpatrick, Alan Harding, M.B., B.S.	1953
Farnell, Leila Mavis, B.A.	1933	Flaherty, Anna Theresa, B.A.	1953
Farr, Alan Pembroke, B.A.	1950	Flaherty, Edward John, B.A.	1924
Farrell, Edward Francis, B.A.	1940	Flaherty, Francis Ignatius, M.B., B.S.	1935
†Farrent, Michael John, B.E.	1958	Flaherty, James Aloysius, M.B., B.S.	1952
Farrent, Thomas Albert, B.Sc. B.E.	1923	†Flaherty, Teresa Anne, B.A.	1958
Farrer, Kenneth Joseph, B.A. (Manchester, 1949)	1924	Flecker, Margaret Mabel, M.B., B.S.	1932
Farrow, Murray Aubrey, B.A.	1945	Flecker, Patrick Oscar, M.B., B.S.	1944
Farrow, Robert Murray, B.A.	1956	Fleming, Francis John, B.E.	1938
Farsch, Rehle Katherine, B.A.	1955	Fleming, Hugh Douglas, B.E.	1934
†Faulkner, Denys Barrie, B.A.	1959	Flentje, Noel Thomas, M.Sc. (B.Ag.Sc., Melbourne)	1947
Faunce, Marcus de Laune, M.B., B.S.	1946	Fletcher, Ann Willoughby, B.A.	1953
Favilla, Domenico Raffaele, B.Ec.	1954	†Fletcher, Emid Lillian, B.A.	1959
†Fawcett, Robert Graham, B.Ag.Sc.	1959	Fletcher, Sir Frank, M.A. (Oxford, 1893)	1936
Featherstone, Dora Bewlay, M.A. (B.A., 1918)	1932	Fletcher, Helen Weld, B.A.	1933
Fechner, Martin Johann Traugott, B.A.	1937	Fletcher, John Weld, LL.B.	1947
Fee, Warren William, B.Sc.	1956	†Fletcher, John Weld, LL.B.	1947
Fehlberg, Tasman Julius August, B.A.	1932	†Fletcher, Judith Willoughby, B.Sc.	1960
Felgenhaur, Robert Frederick, B.A.	1949	Flett, John Stanley, B.Sc.	1941
Fenner, Frank John, M.D. (M.B., B.S., 1938)	1942	Flett, John Stanley, B.Sc. M.B., B.S.	1951
Fenner, William Greenock, B.E.	1945	Flierl, Hans Eric, B.E.	1957
Fenwick, Aline Mary, LL.B.	1944	Flint, Harold Elsdon, M.A. (B.A., 1919)	1927
Ferguson, Andrew, B.Sc.	1904	Flint, Richard Russell, B.E.	1942
†Ferguson, James, B.Sc.	1960	Florey, Hilda Josephine, M.B., B.S.	1912
†Ferguson, James Andrew, B.Ag.Sc.	1959	Florey, Sir Howard Walter, M.D. (M.B., B.S., 1921)	1944
Ferguson, Wilfred John, B.A.	1930	Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924)	1950
Ferguson, William Rex, B.E.	1931	Flower, Clifford James McKinnon, M.B., B.S.	1953
Fergusson, George Robert, B.A.	1953	Flynn, Kevin John, B.A.	1938
Ferres, Helen Millicent, M.Sc. (B.Sc., 1941)	1949	Foale, Harold Robert, LL.B.	1933
Ferrett, Robert George, LL.B.	1952	Foale, Michael Ambrose, B.Ag.Sc.	1957
†Ferrie, David Noel, B.Sc.	1960	†Fong, Jek Swee, B.E.	1960
†Ferry, Andrew Sage, B.Ec.	1958	†Fong, Thin Yiew, B.E.	1958
†Fiala, Jiri, LL.B.	1959	†Fong, Yeng Soh, B.E.	1959
†Fidge, Noel Hadden, B.Sc.	1960	†Foo, Chee Eng, B.E.	1960
Fidock, Dean Henwood, B.E.	1952		
†Fiebig, Eric Ronald, B.Tech.	1959		

† Not yet Members of the Senate.

Foong, Siew Muay, M.B., B.S.	1957	Fritsch, Garnette Grace, B.A.	1957
Foord, Peter Maxwell, B.E.	1952	Fritsch, Eunice Serena, B.A.	1947
Foote, George Buchanan, B.Sc.	1934	Fritsch, Luthilde Clara, B.A.	1948
†Footner, Bruce Albert, B.Tech.	1958	Fritsch, Mary Walda, M.B., B.S.	1955
Forbes, Alexander James deBurgh, B.A.	1951	Frost, Mary Millicent, B.A.	1927
Forbes, Bryan George, Ph.D. (B.Sc., 1952)	1956	Fry, Adelaide Elizabeth, LL.B.	1953
Forbes, David Stewart, M.B., B.S.	1955	Fry, Dorothy Gillian, B.A.	1945
Forbes, Ian James, M.B., B.S.	1956	†Fry, Geoffrey Alfred, B.Tech.	1960
Forbes, William, B.A.	1936	Fry, Leslie Barry, B.E.	1954
Ford, James Albert, B.A.	1919	Fry, Robert Mason, B.Sc.	1947
†Ford, John Robert, B.E.	1960	Fullbohm, Margaret, B.A.	1944
Ford, Raymond William, B.E.	1922	Fuller, Clarence Oliver, M.B., B.S.	1954
Ford, Ronald Munro, M.D. (M.B., B.S., 1943)	1956	Fuller, Donald Andrew, B.E.	1955
Forder, Charles Rex, B.D.S.	1928	Fuller, Geoffrey Roy, B.Sc.	1951
Forder, Douglas Highmoor, B.Sc.	1932	Fuller, George Rayner, B.Sc.	1924
B.A.	1938	Fuller, William Rayner, M.B., B.S.	1953
Forder, Howard Hamlyn, B.E.	1926	Fullerton, Anne McPherson, B.Sc.	1957
Fordham, Juanita Horwood, B.A.	1927	Fulton, Gwen Evelyn Hamilton, M.A. (B.A., 1932)	1939
Forgan, Anthony James, B.E.	1954	Funder, Anne Cathrine, B.D.S.	1934
†Forgan, Dorothea Wald, M.B., B.S.	1958	Funder, Brian Patrick, M.B., B.S.	1933
Forgan, Frederick Robert, LL.B.	1928	Funder, John Francis, B.Sc.	1935
Forgan, Humphrey Crayle, B.E.	1927	M.B., B.S.	1938
†Forgan, Peter John, M.B., B.S.	1959	Fung, Khyam Shen, B.E.	1957
Forgan, Sydney Bayly, M.B., B.S.	1926	Furler, Ian King, M.B., B.S.	1948
Forgie, Donald Schollar, B.A.	1949	Furness, Eric Taylor, B.Sc.	1955
Formby, Myles Landseer, M.B., B.S.	1924	Furness, Gwenda Marie, B.A.	1941
Fornachon, John Charles Macleod, M.Sc. (B.Ag.Sc., 1934)	1943	Furze, Betty Joan, B.Sc.	1951
Forrest, Waldie William, B.Sc.	1948	Furze, Janet Lesley, B.Sc.	1956
Forster, William Edward Stanley, LL.B.	1950	Fyfe, Dorothy Mary, B.A.	1926
Forsyth, Elliott Christopher, Ph.D. (Docteur de l'Université, Paris, 1954) (B.A., 1947)	1955	G	
Forsyth, Robert Samuel, B.A.	1937	†Gabb, Mary Elizabeth, M.B., B.S.	1960
Forwood, Peter Strauss, B.Sc.	1956	Gaetjens, Gertrude Vera, B.A.	1925
Foster, Robert Jacob, B.E.	1955	Gaffney, Fay Madeline, B.Sc.	1949
Fotheringham, James David, M.B., B.S.	1937	†Gaffney, Richard Stephen, B.E.C.	1959
Fotheringham, Walter Douglas, B.E.	1956	Gagolski, Julian, Ph.D.	1955
Fowler, Dorothy Colyer, B.A.	1949	†Galatiltis, Antanas, B.Tech.	1960
Fowler, James Henry, B.E.	1952	Galbraith, Cyril, B.E.	1927
Fowler, Kenneth Raymond, B.A.	1955	†Gale, Allen Ewart, M.B., B.S.	1958
Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946)	1951	Gale, Frederick Julius, B.A.	1915
†Fowler, Robert Malcolm, B.Ec.	1958	Gale, Margaret Jean, B.A.	1953
Fowler, Russell Aubrey, B.Sc.	1919	Gallagher, William Edward, M.B., B.S.	1932
†Fox, Bruce Spafford Owen, M.B., B.S.	1958	Gallasch, Frank Edward, M.B., B.S.	1927
Fox, David Michael, B.D.S.	1953	Gallasch, Malcolm George, B.E.	1955
Fox, Ina Alice Owen, M.B., B.S.	1938	Galliford, Robert Henry, B.Sc. (Eng.)	1947
Fox, Robert Owen, M.B., B.S.	1925	Gallus, Hermann Peter Christian, M.Sc. (B.Sc., 1928)	1934
Frahn, Leslie John, M.Sc. (B.Sc., 1941)	1949	Galpin, Arthur Lorden, B.E.	1949
Francis, Albert Edward John, B.Sc.	1949	Galvin, Leola Beth, B.Sc.	1945
Francis, John Graham, M.B., B.S.	1955	Galvin, Patrick John, B.A.	1956
†Francis, Robert John, B.Sc.	1959	Galvin, Selma Ruth, B.A.	1953
Francis, Vera Eleanor, M.A. (B.A., 1938)	1941	Galvin, Thomas Bernard, B.A.	1916
Francis, Wilfred Galton, B.E.	1935	†Gambling, Janice Melva, B.A.	1958
†Franklin, Ian Robert, B.Sc.	1960	Game, David Aylward, M.B., B.S.	1949
†Franks, Mary Lorraine, B.Sc.	1959	Game, John Aylward, M.B., B.S.	1938
†Fraser, Dougal, B.D.S.	1958	Game, Patricia Jean, M.B., B.S.	1949
Fraser, Duncan Lovat Radcliffe, B.Sc.	1950	†Gam, Tiang Hua, B.Sc.	1958
Fraser, Frederick Christopher, B.D.S.	1938	Gann, Eric Crump, B.A.	1950
Fraser, Harry Lovat, LL.B.	1932	Gann, Graham Dean, B.E.	1957
B.A.	1933	Garbaliuskas, Leonardas Raimundas, B.E.	1954
Fraser, Hugh Barron, M.B., B.S.	1955	Gard, Jeanette Trush Brentnall, M.B., B.S.	1953
Frayne, Graham Arthur, B.D.S.	1933	Gardiner, Beauchamp Lennox, B.Sc.	1902
Frayne, Harold Bruce, M.D.S. (B.D.S., 1940)	1953	Gardiner, Philippa Margaret, M.B., B.S.	1942
Frayne, John Felix, M.B., B.S.	1936	Gare, Lloyd, B.Sc.	1932
Frayne, Max Thorley, B.D.S.	1945	B.A.	1950
Frayne, Peggy Searle, B.Sc.	1945	Garran, Elisabeth Rosemary, B.A.	1954
Frederick, Esmond Joseph, M.B., B.S.	1953	Garrett, David Mitchell, B.E.	1956
Freeman, Jef Elliot, B.Sc.	1940	Garrett, Dorothea Helene, B.A.	1934
Freestun, William David, B.E.	1949	Garson, Ronald Walter, B.A. (Sydney, 1956, Cambridge, 1958)	1960
Freidenfelds, Regina, B.D.S.	1956	Carton, Mary May, B.A.	1923
French, Alfred, M.A. (Cambridge, 1946)	1951	Cartrell, Eric Frank, M.B., B.S.	1921
French, Eric Lancelot, M.Sc. (B.Sc., 1942)	1948	Gaskell, Joan Mary, B.A.	1945
French, Reginald James, B.Ag.Sc.	1948	Gaston, Walter Garfield, M.B., B.S.	1953
Fremy, Martin Raphael, B.Sc.	1930	†Gates, Malcolm John, B.E.	1959
Freytag, Ian Bernard, B.Sc.	1955	Gault, Estelle Ruth, B.Sc.	1914
Frick, Majorie May, LL.B.	1934	M.B., B.S.	1919
Frick, Patricia Marian, LL.B.	1938	Gault, Freda Steele, B.A.	1931
†Frick, Ross Allen, B.Sc.	1958	Gault, Maisie Isabel Ogilvy, B.A.	1921
Fricke, Graham Andrew, B.E.	1955	†Gavelis, Antanas, B.A.	1960
Fricke, Lyall Peterie, B.Sc.	1949	Gazard, Geoffrey Albion, B.A.	1949
B.A.	1951	Gazard, John Anthony, B.E.	1935
Fricke, Norman Meshach, B.E.	1933	Gehling, Lorenz Wilfred, B.E.	1950
Fricke, Richard John, B.Sc.	1955	Gehling, Ronda Beryl, Mus.Bac.	1943
Fricke, Vera May, M.A. (B.A., 1930)	1932	Geisler, Frederick, M.B., B.S.	1951
Fridman, Gerald Henry Louis, LL.M. (LL.B., 1953)	1955	Geisler, Wilfred Ross, B.Sc.	1937
Frith, Ernest Everard, B.Sc.	1949	B.Ec.	1954

† Not yet Members of the Senate.

†Gelson, Henrick, B.A.	1958	Gillham, James Edgar, B.A.	1954
Gemmell, Donald Stewart, B.Sc.	1955	Gillman, Phyllis Constance, B.A.	1916
Gent, Alan Franklin, B.A.	1948	Gilmore, Hugh Robert, M.B., B.S.	1945
Gent, Alison Grace, M.A. (B.A., 1941)	1948	Gilmore, Jean, LL.B.	1934
Gent, John George Moyns, B.A.	1940	Giorgio, Antonio, M.B., B.S.	1956
George, Victor Gerhard, B.A.	1949	Gladigau, Rita Doreen, B.Ec.	1948
George, Adalbert James, B.D.S.	1927	Glaessner, Martin Fritz, D.Sc. (Melbourne, 1948)	1951
George, Barbara Kay, B.Sc.	1957	Glasson, Leonard William Addison, M.E. (B.E., 1955)	1958
†George, David Charles, B.Sc.	1960	Glastonbury, Dudley Ivan, B.Sc.	1930
George, Hilda Constance, B.A.	1928	B.A.	1933
George, Ian Gordon, LL.B.	1957	Glastonbury, James Oliver Garnet, B.A.	1932
George, Rowland Francis, B.D.S.	1923	M.Sc. (B.Sc., 1928)	1935
Gerard, Kenneth Edward, B.E.	1935	Glastonbury, Keven, M.B., B.S.	1926
Gerlach, Max Johann, B.A.	1925	Clayde, Ernest James, B.E.	1927
Gerny, Elma Seavington, B.Sc.	1936	Gledhill, John Douglass, B.E.	1952
Gerny, John Seavington, M.E. (B.E., 1936)	1949	Glenn, Graham Gordon, B.A.	1958
Gerny, Ronald Seavington, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1944	†Glenn, Margaret Joy, B.A.	1958
Geytenbeck, David Robert, B.Sc.	1952	Giesinger, Marianna Antonie, M.B., B.S.	1953
Geytenbeck, Peter Everard, B.Ag.Sc.	1950	Cliddon, Alfred Bertram Keith, M.B., B.S.	1948
†Giam, Choo Huat, B.E.	1960	Cliddon, William Aquilla Robert James, B.A.	1950
Gibb, Kenneth Murray, B.E.	1942	Glover, Brian, B.Sc.	1945
Gibberd, William Obed, M.Sc. (B.Sc., 1940)	1945	Glow, Peter Helmut, Ph.D. (London, 1958)	1960
†Gibbes, Alfred Francis Blower, B.Tech.	1960	Cluis, John, M.A. (B.A., 1911)	1922
Gibbes, Elaine Frances Keele, M.B., B.S.	1953	Cluyas, Maxwell Allan, M.B., B.S.	1957
Gibbison, Marie Claire, B.Sc.	1951	Cluyas, Richard John, B.D.S.	1956
Gibbs, Allan George, B.E.	1933	Cluyas, Robert John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Gibbs, Anthony Matthews, B.A. (Melbourne, 1956)	1960	Glynn, Brian McMahon, LL.B.	1933
Gibbs, Betty Valmai, B.A.	1949	Glynn, Denis McMahon, LL.B.	1929
Gibbs, Bruce Glanville, B.E.	1955	Glynn, Robert McMahon, M.B., B.S.	1919
Gibbs, David Norris, Ph.D. (London, 1955)	1958	†Gnanasamugan, Balasuntharam, B.E.	1959
†Gibbs, Glen Barker, LL.B.	1958	Goatcher, Philip Daniel, M.B., B.S.	1945
Gibbs, Graham Rossiter, B.Ec.	1953	†Goble, James Roy, B.Tech.	1960
†Gibbs, Malcolm Henry, B.Sc.	1958	Gobbett, Thelma Jean, B.A.	1950
†Gibbs, Ronald Malcolm, B.A.	1960	†Goddard, Peter Norman Lighton, B.Sc.	1959
†Gibson, Bramwell St. Clair, B.Tech.	1958	Godfrey, Edward John Owen, M.B., B.S.	1945
Gibson, Douglas Barr, M.B., B.S.	1945	Godfrey, Kirke Charles, M.B., B.S.	1914
Gibson, George Taylor, M.B., B.S.	1935	Godfrey, Robert Charles, M.B., B.S.	1944
Gibson, Gladys Ruth, B.A.	1937	Godlee, Margery Rebecca, B.A.	1917
Gibson, Graham Coyne, B.A.	1949	Godlee, Theodore, M.B., B.S.	1932
Gibson, Malcolm Milne, B.A.	1956	Gold, Mervyn Roy, M.B., B.S.	1939
Gibson, Margaret Dawn, B.Sc.	1952	Gold, Ronald Geoffrey, M.B., B.S.	1952
†Gibson, Patricia Mary, B.A.	1960	Goldbeck, Rene Alice, M.B., B.S.	1949
Giersch, Leonard Ernst, B.A.	1940	Goldby, Frank, M.D. (Cambridge, 1936)	1937
Gifford, Alfred Silva Harril, LL.B.	1922	Goldfinch, Arthur Leslie, B.Sc.	1951
Gilbert, John Scollard, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948	Golding, Edmond William, B.A.	1951
Gilbert, Ronald Sunter, M.A. (B.A., 1950)	1959	Golding, Phyllis May, B.A.	1951
Gilbert, Stephen Hamilton, B.E.	1934	Goldsworthy, Arthur Clive, B.A.	1953
Gilbertson, Nannette, B.A.	1951	Goldsworthy, David, B.A.	1949
Gilchrist, John Thomas, Ph.D. (Leeds, 1957)	1959	†Goldsworthy, David John, B.A.	1960
Gilchrist, Robert James, B.A.	1950	Goldsworthy, Eric Roger, B.Sc.	1950
Gild, Albert, M.B., B.S.	1934	Goldsworthy, Janice Julia, B.A.	1956
Gild, David, M.B., B.S.	1938	Goldsworthy, John Garfield, M.A., (B.A., 1926)	1930
Gilding, Gwendoline Fay, B.A.	1952	†Goldsworthy, Lance Rodney, M.B., B.S.	1959
Gilding, Kevin Rex, B.A.	1952	Goldsworthy, Reuben, B.Sc.	1948
Giles, Allan Leonard, Mus.Bac.	1950	Golinger, Donald, M.B., B.S.	1955
†Giles, David Lithgow, B.E.	1960	Colledge, John Gouldhawke, M.B., B.S.	1954
Giles, Douglas Haynes, B.E.	1954	†Gomez, Rodolfo Mesina, B.Tech.	1959
Giles, Harold, B.A.	1911	Good, Brian Francis, B.Sc.	1955
Giles, Ireton Elliot, B.A.	1897	Good, Frances Helena, B.A.	1916
Giles, Jack Bernard, B.Sc.	1943	Good, Richard John, B.E.	1953
Giles, James Palmer, B.A.	1931	Goodale, Peter Lewis, B.E.	1957
†Giles, James Ramsay, B.A.	1959	Goodchild, Robin John, B.Sc.	1955
Giles, Keith Emanuel, M.B., B.S.	1951	Goode, Benjamin Ryall, M.B., B.S.	1947
Giles, Mortimer, LL.B.	1911	Goode, Harold Ralph, B.E.	1945
Giles, Nigel Stuart, B.Sc.	1905	Goode, Henry Arthur, M.B., B.S.	1938
Giles, Peter Mortimer, B.E.	1953	Goode, John Reginald, B.Ag.Sc.	1937
Gilfillan, William Robert, B.E.	1948	Goode, Kenneth Burden, B.E.	1914
Gill, Clarence William Cecil, B.A.	1934	Goode, Muriel Gertrude, Mus. Bac.	1911
Gill, Lancelot Waring, B.E. (B.Sc., 1908, surrendered)	1913	Goode, Philip Charles Ryall, M.B., B.S.	1939
Gill, Raymond Harold, B.E.	1951	Goode, Thomas Britten, M.B., B.S.	1952
Gill, Richard Townshend, M.B., B.S.	1951	Goode, Thomas Ryall, B.E.	1937
Gill, Robert Charles, B.Sc.	1957	Gooden, Edgar Whitridge, B.Sc.	1957
Gillam, Dora Alice, M.A. (Sydney, 1903)	1934	Gooden, John Ernest Alfred, M.Sc. (B.Sc., 1955)	1958
Gillam, Leon George, M.B., B.S.	1954	Gooden, John Stanley, M.Sc. (B.Sc., 1940)	1945
Gillen, Robert Spencer, M.B., B.S.	1953	Gooden, Philip Compton, M.B., B.S.	1952
Gillespie, Donald Tom Chalton, M.Sc. (B.Sc., 1938)	1943	†Gooden, Rosalind Mary, B.Sc.	1960
Gillespie, Doris Pearl, B.A.	1940	Goodenough, Warwick William, B.A.	1953
Gillespie, Elsie Jean Ann, B.A.	1935	†Goodes, William John, B.Sc.	1958
Gillespie, Frank Cecil, B.Sc.	1956	Goodhart, Mabel Flora, LL.B.	1927
Gillespie, William Charles, LL.B.	1927	Goodhart, Richard Akhurst, M.B., B.S.	1941
Gillett, Bernard St. Patrick, M.B., B.S.	1928	Goodman, Cyril William, B.E.	1915
Gillett, Mervyn Clem, LL.B.	1931	†Goodrich, John Eric, B.Sc.	1960
Gillham, Charles Alfred, B.A.	1911	Goodrich, Roy Stanley, B.Sc.	1953

† Not yet Members of the Senate.

Goodwin, Geoffrey Leonard, B.A.	1955	†Greet, Elizabeth Bronwen, B.A.	1958
M.Sc. (B.Sc., 1951)	1959	Greet, Frank Hamilton, B.A.	1958
†Gordon, Ian Donald, B.E.	1959	Greet, Norman George Frank, M.A.	1928
Gordon, John Murray, Mus.Bac.	1953	Greet, Raymond James, B.A.	1957
B.A.	1956	Gregory, Cedric Errol, B.E.	1931
Gordon, John Vivian, M.D. (M.B., B.S., 1942)	1949	B.A.	1944
Gordon, Leslie Kenneth, LL.B.	1953	Gregory, Janet Phillis, B.A.	1954
†Goscombe, Peter Watson, B.Sc.	1959	Grenfell, Ian Henry, B.A.	1957
Goss, Mary Blanche, B.A.	1936	Grewar, Lais Valerie, M.B., B.S.	1952
Goss, Noel Frederick, B.A.	1934	Gribble, Albert Elijah, M.B., B.S.	1929
†Gottschall, Martin, B.E.	1960	Grierson, John James, B.E.	1937
Gough, John Lewis, B.A.	1945	Grieve, Ian Charles, LL.B.	1953
Gould, Joseph Gordon, B.Sc.	1955	Griff, Bernard, LL.B.	1925
†Gould, Murray William, B.E.	1959	Griffin, Danielle, B.A.	1949
Gouldhurst, Peter Richard Stuart, M.B., B.S.	1955	Griffin, Donald Ward, B.E.	1951
Govenlock, James Coburn, Mus.Bac.	1943	Griffin, Gerald John, B.A.	1957
Gower, Charlie James, B.A.	1954	Griffiths, David Robert, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
†Grace, Muriel Jean, B.Sc.	1960	Griffiths, George, Townsend, Mus.Bac.	1915
†Gradussov, Alexis, B.A.	1958	Griffiths, Thomas Lester, LL.B.	1913
Grabner, David Carl, B.E.	1953	Griggs, Clarence Middleton, B.Sc.	1924
Graham, George Finlay, B.E.	1927	Griggs, James Middleton, B.E.	1949
Graham, Janet Scott Douglas, Ph.D. (St. Andrews, 1956)	1960	Grimes, Louisa Catherine, Mus.Bac.	1937
Graham, Mary Theresa, M.A. (B.A., 1929)	1933	Crimwade, Arnold Elliott, B.Sc.	1955
Graham, May Elisabeth, B.A.	1941	†Grivell, Baden John, B.E.	1958
Graham, Roger Dean, B.E.	1950	Grivell, Peter Desmond, M.B., B.S.	1956
Grant, Allan Kerr, M.B., B.S.	1947	Gross, Gordon Flinders, M.Sc. (B.Sc., 1950)	1956
Grant, Colin Kerr, B.Sc.	1931	Gross, Klem Bassett, B.E.	1924
Grant, Donald Kerr, M.B., B.S.	1942	Gross, Patricia Mary, B.A.	1958
Grant, John McBain, M.Ec. (B.Ec., 1950)	1953	†Grosse, John Allan, B.A.	1910
Grant, Sir Kerr, B.Sc. (M.Sc., Melbourne, 1901)	1911	Grosser, Agnes Juliana Hulda, B.A.	1910
Grant, Marjorie Ruth, B.A.	1939	Grosvenor, Cyril, B.D.S.	1925
Grant, Mary Raymond, M.Sc. (B.Sc., 1945)	1950	Grosvenor, Edna Mary, M.A. (B.A., 1921)	1926
Grant, Richard Longford Thorold, M.B., B.S.	1918	Grote, Albert Walter, M.B., B.S.	1926
Grasso, Rosario, B.Sc.	1954	Grote, Fay, M.B., B.S.	1956
†Grastins, Dagnija, B.A.	1960	Grote, Keith Walter, B.D.S.	1956
Gratton, Gordon Sydney, LL.B.	1950	Groves, Murielle Annis Clemland, B.A.	1937
Gratton Marshall Gladstone, M.B., B.S.	1941	Grubb, Yvonne, B.A.	1951
Gratton, Mephan John, B.E.	1934	Gubbay, Sasson Stephen, M.B., B.S.	1957
Gratton, Norman Murray Gladstone, B.A. (Melbourne, 1915)	1920	Gubbins, Heather Welch, B.A.	1950
Grava, Andreis, B.D.S.	1956	Gudkovs, Ariss, M.B., B.S.	1955
Grave, Keith Cyril, B.D.S.	1956	Cuerin, Robert Langley, M.B., B.S.	1957
Gray, Alexander Frederick, B.Sc. (Eng.)	1942	Ceurin, Ronald St. Clair, B.E.	1953
†Gray, Donald Mervyn, B.Ec.	1958	Guinand, Andrew Paul, B.Sc.	1932
Gray, Eric William, B.A.	1931	Guinand, Mimi Helen, B.A.	1938
Gray, Frederic Victor, M.Sc. (B.Sc., 1935)	1948	Gulland, David Lumgair, M.B., B.S.	1955
Gray, Harvey Hamilton, B.Ec.	1949	Gulland, Ian Ferris, M.B., B.S.	1956
B.A.	1952	†Gunn, Richard Townsend, M.B., B.S.	1960
Gray, Keith Douglas, M.B., B.S.	1926	Gunn, Archibald Keith, B.E.	1956
Gray, Maurice Chadwick, B.Sc.	1933	†Gunn, James Allan Baikie, B.A.	1959
†Gray, Neil Boon, B.E.	1958	Gunn, John Alexander, M.A. (Liverpool, 1919)	1926
Gray, William Watt Erskine, B.E. (B.Sc., 1912, surrendered)	1913	†Cunning, Julianne Elizabeth Stannus, M.B., B.S.	1958
Green, Alan Elston, B.Sc.	1949	Cunning, Norman Stannus, M.B., B.S.	1926
Green, Cynthia Joan, B.A.	1945	Gunson, John Grattan, M.B., B.S.	1952
Green, Donald Clare, B.Sc.	1942	Gunson, John Michael Morphett, M.B., B.S.	1933
Green, Harry Edward, B.E.	1957	Gunton, James Donald, B.A.	1938
Green, Herbert Sydney, D.Sc. (Edinburgh)	1952	Guppy, Douglas James, B.Sc.	1944
Green, John William, B.Sc.	1953	Guppy (nee Knox), Joan Claudia, B.Sc.	1943
Green, Lawrence Goodwin, B.Ec.	1951	Turner, Colin, M.B., B.S.	1918
Green, Lorna Mary Alexander, Ph.D. (B.Sc., 1927; M.Sc., 1958)	1960	Turner, Colin Marshall, M.B., B.S.	1942
B.A.	1929	Gurney, Harold Cyril, M.Sc. (B.Sc., 1930)	1932
Green, Louis Ferdinand, B.A. (Queensland, 1951)	1958	Gurr, Clifford George, B.Sc.	1947
Green, Mary Patricia, B.Sc.	1954	Gurr, Graham Edward, B.Sc.	1956
†Green, Patricia Marie, B.A.	1959	Guster, Allan Frederick, B.E.	1951
Green, Ralph Noel, B.A.	1954	Guthaner, Ernst, M.B., B.S.	1942
Green, Richard Maslen, B.A.	1937	Guymer, Arthur Howes, M.B., B.S.	1915
Green, Ronald Gordon, B.Sc.	1949	Guymer, Ernest Albert, M.B., B.S.	1914
Green, William Allan McInnes, B.E.	1928	Guymer, Max William, M.B., B.S.	1947
Greenfield, Vivian Hutchison, B.Sc.	1951		
Greenhough, Arthur David, B.E.	1942	H	
Greenland, Dennis James, Ph.D. (Oxford, 1955)	1960	Habib, Bernadette Dolores, M.B., B.S.	1954
Greenland, Patrick Cecil, M.A. (B.A., 1931)	1933	Habich, Carl Gerhard, B.A.	1932
Greenlees, Alan David, B.E. (B.Sc., 1909, surrendered)	1913	Habich, Carl Julius, B.E.	1930
Greenlees, Rollo, M.B., B.S.	1937	Hackett, Cecil John, M.D. (M.B., B.S., 1927)	1935
†Greenslade, Noel Walter, B.Sc.	1960	Hackworthy, Harold Stewart, B.Sc.	1945
Greenway, Harold, B.E. (B.Sc., 1906, surrendered)	1913	Haddrick, Eric Murray, LL.B.	1954
Greenway, Thomas Charles, B.Sc.	1900	Haddrick, Peter Donald, B.E.	1953
Greenwood (formerly Nadebaum), Rudolph Oertel, B.A.	1907	Haden, John Forbes, B.A.	1953
Greer, Henry Steven, M.B., B.S.	1952	Haefner, Paul Clifford, Ph.D. (Leeds, 1957)	1959

† Not yet Members of the Senate.

Haines, Colin Edward, B.Ag.Sc.	1941	Harbison, Alan Thomas, M.B., B.S.	1927
Haines, Murray David, B.A.	1947	Harbison, John Henry, M.B., B.S.	1949
†Haines, Peter David, B.E.	1960	Harbison, Peter Alan, M.B., B.S.	1953
Haines, Norman Lindsay, B.A.	1947	Harbison, William Arthur, B.E.	1938
Hains, Ivan Coronel, M.B., B.S.	1911	Harcourt, Geoffrey Colin, M.Ec. (M.Com., Melbourne, 1956)	1959
Hains, Robert Myer, M.B., B.S.	1940	Harders, Clarence Waldemar, LL.B.	1944
Hakendorf, Andrew John, M.B., B.S.	1929	Harding, Florence Mary, M.A. (N.Z., 1932)	1949
Haldane, Alexander David, B.Sc.	1949	Hardy, Alfred Burton, LL.B.	1898
Hale, Robert Palmer, B.Sc.	1954	Hardy (nee Beckwith), Anne Caroline, M.Sc., (B.Sc., 1944)	1947
Hall, Alfred Daniel, M.A. (Oxford)	1914	Hardy, Evan Lovell, B.E.	1935
Hall, Barbara Isabelle Herbert, Ph.D. (B.Sc., 1951)	1956	Hardy, John Evans Simpson, M.B., B.S.	1945
Hall, Charles Fishbourne, M.A. (B.A., 1905)	1922	Hardy, John Howard, B.A.	1955
†Hall, Donald Richard, M.B., B.S.	1959	Hardy, John Scott, LL.B.	1926
†Hall, Elizabeth Adelaide Anne, B.Sc.	1959	Hardy, Mabel Phyllis, B.A.	1914
Hall, Frederick Leonard, B.Ec.	1955	Hardy, Thomas Walter, B.Sc. (Eng.)	1947
†Hall, Geoffrey Charles, B.D.S.	1958	Hargrave, John Charles, M.B., B.S.	1954
Hall, Jocelyn Rosemary, B.A.	1948	Hargrave, Nathaniel Charles, LL.B. B.A.	1938
Hall, Marjorie Gertrude, Mus.Bac.	1931	Harkness, Robert, B.A.	1907
Hall, Norman Bruce, M.B., B.S.	1917	Harley, David George, B.E.	1953
Hall, Robert Darwin, B.E.	1956	Harley, James Froome, M.B., B.S.	1951
Hall, William Oswald James, B.Sc.	1950	Harley, Marjory, B.A.	1925
Hallett, Evan Charles, M.B., B.S.	1947	Harley, Peter Ash, B.E.	1956
Hallett, Harold Sinclair, B.E.	1932	Harman, Lewis Clive, B.D.S.	1953
†Hallett, Joan, B.Sc.	1960	†Harman, Ray, B.Ec.	1959
Hallett, Reginald Thomas, B.E.	1938	Harms, John Eric, M.Sc. (B.Sc., 1951)	1960
†Halley, Winifred, M.B., B.S.	1960	Harms, Lois Philippa, M.B., B.S.	1948
Halloran, Noel, M.B., B.S.	1953	Harmiman, William Ronald, LL.B.	1936
†Halwax, Karoly, M.B., B.S.	1959	Harper, Anthony, LL.B.	1926
Hamann, Keith Maurice, B.Sc.	1953	Harper, Judith Mary, M.B., B.S.	1957
Hambidge, Margaret Cecile, B.A.	1935	Harper, Ronald George, B.A. B.Ec.	1938
Hambly, Francis Sutherland, B.Ec.	1957	Harrington, Colin, B.A.	1947
Hambly, Peter Sutherland, B.A.	1957	Harrington, Enid Greta, B.A.	1950
Hambly, William Frank, M.A. (Melbourne)	1952	Harrington, Joan Margaret, B.Sc.	1945
Hamden, William Callil, M.B., B.S.	1953	Harrington, Reginald Frank, B.D.S.	1943
Hamdorf, Clifton John, Ph.D. (B.E., 1953)	1957	Harrip, Brian John, B.A.	1950
Hames, Muriel Jean, B.A.	1941	Harris, Allan Cuthbert, B.Sc.	1923
†Hamilton, David Wyndham, M.B., B.S.	1959	Harris, Beryl Ruth, B.A.	1935
Hamilton, Frank Alexander, B.E.	1941	Harris, Cecil George, B.A.	1951
Hamilton, Ian Ayliffe, M.B., B.S.	1924	Harris, Charles Reginald Schiller, Ph.D. (D.Phil., Oxford, 1924)	1959
Hamilton, Ian Michael, M.B., B.S.	1956	Harris, Clare Sparkes, LL.B.	1925
Hamilton, Ian Scott, LL.B.	1951	Harris, David Hall, M.B., B.S.	1942
Hamilton, Jean Anne, B.Sc.	1947	Harris, David John, M.B., B.S.	1952
Hamilton, Margaret Berner, B.Sc.	1952	Harris, Digby Ian, M.B., B.S.	1953
Hamilton, Reginald Hewgill, M.B., B.S.	1925	†Harris, Dominic Richard, B.Tech.	1959
Hamilton, William Murray, M.B., B.S.	1944	Harris, Donald Dunstan, M.A. (B.A., 1928)	1929
Hammill, Robert Duncan, M.B., B.S.	1942	†Harris, Donald Ernest, B.Tech.	1960
Hammond, Brian George, B.Sc.	1957	Harris, Dorothy Mary, B.A.	1919
Hammond, Henry Grant, M.B., B.S.	1944	Harris, Dudley Andrew, B.A.	1938
Hammond, John Michael, M.Sc.	1958	Harris, Frank Randall, B.Ec.	1955
Hamp, Frances Marian, M.B., B.S.	1925	Harris, Ian Antrobus, M.B., B.S.	1949
†Hamra, Kameel Lawrence, M.B., B.S.	1958	Harris, James Dunbar, M.B., B.S.	1953
Hancock, George Alfred, M.A. (B.A., 1901)	1909	Harris, Jack Ronald, M.Sc. (B.Sc., 1943)	1951
Hancock, James Russell, B.Sc.	1941	Harris, John, M.B., B.S.	1924
Hancock, John Owen, M.B., B.S.	1952	Harris, John Ernest, B.E.	1949
†Hancock, Jonathan Yeatman, M.B., B.S.	1959	Harris, Lorna Muriel, B.A.	1934
Hancock, Keith Jackson, Ph.D. (London, 1959)	1960	†Harris, Robert Oxenberry, B.Ec.	1958
†Hancock, Richard Russell, B.E.	1958	†Harris, Roger Lawrence Newton, B.Sc.	1960
Hancock, William Andrew, B.Sc.	1924	Harris, Shirley Joyce, B.A.	1938
Hancock, Sir William Keith, M.A. (Oxford, 1930)	1931	Harris, Sophie Dora, B.A.	1928
Handley, Donald Alfred, M.B., B.S.	1953	Harris, William Brocas, B.Ag.Sc.	1947
Handley, Harold Arthur, M.B., B.S.	1951	Harris, William Patrick, M.B., B.S.	1933
Handley, Joan Marie, M.B., B.S.	1955	Harrison, Geoffrey John, B.Arch. (Sydney, 1951)	1959
Hankel, Barbara Joan, B.A.	1954	Harrison, Howard Raymond, B.Sc. B.A.	1948
†Hanna, Robert Graham, B.Tech.	1960	†Harrison, Jack, B.Ec.	1955
Hannafoord, Brian Douglas, B.Sc.	1945	†Harrison, Peter Linden, B.E.	1959
Hannan, Albert James, M.A. (B.A., 1909)	1914	Harrison, Walter, B.A.	1929
LL.B.	1912	Harrold, Colin Morse, M.B., B.S.	1953
Hannan, Clare Reginald, LL.B.	1922	Harry, Arthur Hartley, B.A.	1901
Hannan, Ian Ignatius, B.E.	1949	Harry, Geoffrey Courtenay, LL.B.	1925
LL.B.	1958	Harry, Grant Varley, B.E.	1953
†Hannan, John Spencer, LL.B.	1958	Harry, Irene Pearl, B.A.	1915
Hannan, Mignonne Elizabeth, LL.B.	1955	Harry, Romilly Carveth, LL.B.	1929
Hannon, Dennis Francis, M.B., B.S.	1942	Hart, Arthur Maxwell, B.A.	1950
Hannon (née Lewis), Gweneth Elizabeth, B.D.S.	1932	Hart, David Henderson, B.Sc.	1942
Hansberry, Gerald Maxwell, M.B., B.S.	1953	†Hart, Gavin, B.Sc.	1960
Hansberry, John Pierce, B.A.	1945	Hart, Mary Margaret, B.A.	1950
Hansberry, Mary Estelle, B.Sc.	1951	Hartill, Graeme Donald, M.B., B.S.	1955
B.A.	1954	Hartshorne, Brian Herbert, M.B., B.S.	1952
Hansen, Ian Alfred, Ph.D. (B.Sc., 1948)	1956	†Hartwig, Ivan David, B.Tech.	1959
Hansen, Ian Victor, B.A.	1950	Harvey, Alison, B.A.	1938
Hansen, Ruth, B.Sc.	1956	Harvey, Bernice Enid, Mus.Bac.	1928
Hansford, Clifford Gerald, D.Sc. (Cambridge)	1952		
Hanson, Bertram Speakman, M.B., B.S.	1928		
†Hanson, Thomas Anthony Speakman, M.B., B.S.	1959		

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Harvey, Christine Alice, B.A.	1955	Hebart, Siegfried Paul, M.A. (B.A., 1930)	1932
Harvey, Dean Lawrence, B.Sc.	1947	Hebart, Werner Friedrich, B.A.	1934
Harvey, Faith Fairbank, Mus.Bac.	1925	Hecker, Joyce, B.A.	1955
B.A.	1936	Hecker, Olive May, B.A.	1954
Harvey, Frederick George, M.A. (Yale, 1934)	1934	Hecker, Robert, M.D. (M.B., B.S., 1947)	1956
Harvey, Joseph Leonard, B.Tech.	1960	Heddle, Frederic French, M.B., B.S.	1935
Harvey, Raymond Hynson, B.E.	1936	Heddle, Robert Charles, M.B., B.S.	1942
Harvey, Richard Gilbert Mungo, B.Ag.Sc.	1948	Heddle, Shirley, B.A.	1947
Harvey, Wilbur Henry, B.E.	1955	Hedger, Dorothy Mavis, B.A.	1936
Harvie, Sydney Haral, B.Sc.	1927	†Hedger, Joy West, B.Sc.	1959
†Harwood, Denis Arthur, B.Sc.	1960	Hefford, Ronald Keith, B.Ec.	1956
Harwood, John William, M.B., B.S.	1953	Heidenrich, George Bernhard Franz, B.A.	1944
Haselgrove, Harold Frederick, M.B., B.S.	1946	Heighway, Freida Ruth, M.D. (Sydney, 1939)	1949
Haselgrove, Helene Martha, B.A.	1923	Heinemann, Mary Josephine, B.A.	1948
Haselgrove, Janet Storrie, B.Sc.	1950	Heinemann, Mervyn Lambert, B.A.	1940
†Haselgrove, Richard Frederick, B.Ag.Sc.	1959	†Heinjus, David Frederick, B.Tech.	1960
Haselgrove, Wilfred Eric, B.E.	1937	Heinrich, Harold Gordon, B.Ec.	1956
Haseloff, Milton Conrad, B.A.	1956	Heinrich, Jeff Dean, B.Sc.	1949
Hasenohr, David, B.Sc.	1951	Heithersay, Geoffrey Sinclair, B.D.S.	1956
Hasenohr, Edward, B.A.	1938	Heitmann, Dorothea Smith, M.B., B.S.	1949
Hasenohr, Geoffrey, M.B., B.S.	1948	Heitmann, John Smith, M.B., B.S.	1951
Haskard, George Henson Barrett, M.Sc. (B.Sc., 1925)	1936	Hely, Arnold Stanley McMath, M.A. (New Zealand, 1948)	1957
Haskard, John Rex, B.Sc.	1950	Hemingway, Peter Cunliffe, B.Sc.	1949
†Haskard, Malcolm Rosslyn, B.E.	1959	Henderson, Eric Malcolm, B.E.	1932
†Haslam, Christopher Osborne, B.Sc.	1958	Henderson, Leonard Ross, B.Ec.	1949
Haslam, Denise Allison, B.Sc.	1953	Henderson, Margaret Evelyn, B.A.	1956
Haslam, Margaret Martha, M.B., B.S.	1935	Henderson, Roland, LL.B.	1926
Hassell, Frank Colin, B.E.	1933	Henderson, Ronald George, B.E.	1957
Hassell, Kathleen Lillian, M.A. (B.A., 1923)	1927	Hendrickson, Douglas Buxton, M.B., B.S.	1941
Haste, Mary Joan, B.A.	1941	Henning, Frederick Rudolph, M.D.S. (B.D.S., 1952)	1959
Haste, Reginald Arthur, B.Sc.	1911	Henningsen, Marcus, B.E.	1952
M.B., B.S.	1914	Henschke, Lawrence Ronald, B.E.	1951
†Hastings, Margaret Claire, M.B., B.S.	1958	Henschke, Norman Frederick, B.Sc.	1952
Hawes, Brian Richard Albert, B.E.	1953	Hensel, Gordon Maxwell, B.Sc.	1951
Hawke, Cynthia Joy, B.A.	1957	Herath, Meewakkala Mudiyanseelage Jinadasa Willehad, B.Sc.	1955
Hawke, John Burton, M.B., B.S.	1954	Herbert, Septimus Giffen Mills, B.Sc.	1949
Hawke, John Gardner, B.Sc.	1954	†Hercus, Robert William, B.E.	1959
Hawke, Vivian Lee, M.B., B.S.	1946	†Herman, Eugene, B.A.	1960
Hawken, Doris Marguerite, B.A.	1917	Hermes, Clarence Lindsay, LL.B.	1951
Hawker, Elizabeth Julie Seymour, B.A.	1942	Herriot, Robert Irvine, B.Ag.Sc.	1932
Hawker, John Seth, B.Sc.	1956	Herriot, Ronald Melbourne, B.E.	1952
Hawkes, Joan Muriel, B.A.	1955	Hersel, August Wilhelm, B.A.	1935
Hawkes, Rose Adeline, B.A.	1928	Herzog, Paul, B.A.	1953
Hawkins, Frederick James, LL.B., B.A.	1942	Heseltine, Augustus Frederick, B.E. (B.Sc., 1904, surrendered)	1913
Hawkins, Henry Stuart, B.Ag.Sc.	1956	Heseltine, Samuel Richard, LL.B.	1908
†Hay, Gordon Stuart Baron, M.B., B.S.	1958	Hester, David Albert, B.A. (Cambridge, 1958)	1958
†Hayball, John Frederick, B.Sc.	1958	Hester, Gwynn Thomas John, B.A.	1950
Hayes, Horace Townsend, M.B., B.S.	1936	Hetherington, Robert, B.A.	1951
Hayman, David Lindsay, Ph.D. (B.Ag.Sc., 1953)	1958	Hetzel, Basil Stuart, M.D. (M.B., B.S., 1944)	1949
Haynes, James Dalrymple, B.A.	1950	Hetzel, Kenneth Stuart, M.D. (M.B., B.S., 1920)	1926
Hayward, Edward Leo, LL.B.	1925	Hetzel, Peter Stuart, M.D. (M.B., B.S., 1948)	1952
Hayward, John, B.E.	1953	Heuer, Powel Max, B.Sc.	1953
Hayward, John Lionel, M.D. (M.B., B.S., 1932)	1936	Heuzenroeder, Reginald Leo, LL.B.	1923
†Hayward, Judith Marie, B.Sc.	1959	†Heuzenroeder, Peter Mathwin, LL.B.	1960
Hayward, Lancelot Alfred, M.B., B.S.	1914	Hewett, Esther Jean, B.A.	1938
†Hayward, Norman William, B.A.	1960	Hewett, Peter Neil, B.Sc.	1956
Hayward, Thomas Ronald, B.Ec. B.A.	1949	Hewgill, Frank Richmond, Ph.D.	1955
Hayward, Walter Richard, B.A.	1934	Hewitson, Gordon Frank, B.A.	1951
Haywood, Edward Francis, M.B., B.S.	1952	Hewitson, Malcolm Thomas, B.A.	1951
Head, John Graeme, B.Ec.	1954	Hewitt, Cecil Austin, LL.B.	1924
†Head, Malcolm Gordon, B.Tech.	1958	Hewton, Anthony Walter, B.Sc.	1957
Heading, Keith Edward George, B.Sc. B.A.	1930	Heyne, Carl William, B.D.S.	1949
Headlam, Morley Lewis Caulfield, M.A. (Oxford, 1893)	1900	Heyne, Ida Marie, B.A.	1916
†Heairfield, Ian Venters, B.Sc.	1960	Heyne, Laura Olga Hedwig, M.A.	1917
Healy, Anthony Hodgens, B.D.S.	1952	Heyward, Marie Louise, B.A.	1941
Healy, Peter, B.Sc.	1948	Hiatt, Jack Thomas, LL.B.	1947
Healy, Vincent Michael, B.Sc.	1939	B.Ec.	1948
Heard, Kenneth Harold, M.B., B.S.	1936	Hibbert, Kevin Malcolm, B.E.	1953
†Heard, Malcolm Keith, B.Tech.	1960	Hickey, Kathleen Veronica, B.A.	1945
Heard, Terrence George, B.Ag.Sc.	1959	Hickinbotham, Alan David, B.Sc.	1949
†Heam, Anthony Clem, B.Sc.	1958	Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915)	1926
Heaslip (nee Shorney), Barbara Kate, B.A.	1928	M.D. (M.B., Ch.B., N.Z., 1923)	1936
Heaslip, William Gordon, M.B., B.S.	1929	Hicks, Dene Alan, M.B., B.S.	1948
Heath, George Ross, B.Sc.	1960	Hicks, Edward Paul, M.B., B.S.	1951
Heath, Neil Stewart, Ph.D.	1955	Hicks, Francis Gibson, LL.B.	1915
Heath, Ronald Bertram, B.E.	1941	†Hicks, John Buchanan, B.Sc.	1960
Heath, Trevor James Gartrell, B.A. (Cambridge, 1928)	1928	Hicks, Neil Dennis, M.D. (M.B., B.S., 1948)	1960
LL.B.	1932	†Hicks, Ronald Pettinger, B.Ec.	1960
Heaton, Herbert, M.A. (Leeds, 1912)	1918	Hicks, Warren Roseveare, B.Sc.	1944
†Heaysman, Clive, M.B., B.S.	1958	Hicks-Hall, Wellesley Ian Norman Sutcliffe, B.E.	1956
Hebart, Armin William, B.Sc.	1944	Hiern, Maurice Noel, B.Sc.	1952

† Not yet Members of the Senate.

Hieser, Ronald Oswald, M.Ec. (B.Ec., 1949)	1954	Hoile, Douglas Edward, M.B., B.S.	1951
Higginbottom, Edwin Corlett, B.A.	1920	Hoile, Edward Murray, M.B., B.S.	1953
Higginbottom, Edwin John, B.Ec.	1950	†Hokin, John Andrew Baird, M.B., B.S.	1960
Higgins, Alan Leslie, B.E.	1953	Holdaway, Frederick George, M.Sc. (Queens-	
Higgins, Alfred James, B.A.	1930	land, 1925)	1926
Higgins, Bruce Ashley, M.B., B.S.	1956	Holden, Ethel, B.A.	1931
Higgins, John William, B.A.	1957	Holden, Geoffrey Raymond, B.Sc.	1951
Higgins, Raymond Hugh Edward, B.Ec.	1956	†Holden, Ralph William, B.Tech.	1958
Higgs, Edward Davies, B.Ag.Sc.	1950	Holden, Robert William, B.E.	1950
Hilbig, Maxwell John, B.E.	1955	Holder, Alison Joyce, Mus.Bac.	1941
Hilbig, Paul Berthold, B.A.	1930	Holder, Ethel Roby, M.A.	1901
†Hilbrink, Janna, B.A.	1960	Holder, Evan Morecott, B.E. (B.Sc., 1909,	
Hill, Albert Charles, B.A.	1914	surrendered)	1913
Hill, Alma Isobel, B.A.	1948	Holder, Sophia Ellen, B.A.	1906
Hill, Arthur William, D.Sc. (Cambridge,		†Holdich, John Rodger, B.A.	1960
1918)	1927	†Holding, Barry John, B.Ec.	1959
†Hill, Donald Gordon, B.E.	1959	Holding, Sheila Dolby, B.A.	1943
Hill, Douglas Henry, M.B., B.S.	1949	Holdsworth, Eric Spencer, Ph.D. (Leeds,	
Hill, Florence McCoy, B.Sc. (California,		1950)	1959
1897)	1927	Holdsworth, Leslie McLeod, B.A.	1934
Hill, Hilda Mary, B.A.	1908	†Hole, Godfrey William Reynolds, B.E.	1960
Hill, Ivan William, B.Sc.	1956	Holland, Charlotte Annie, B.A.	1916
Hill, John, B.Sc.	1922	†Holland, Gregory Dominic, M.B., B.S.	1960
Hill, John Albert, B.Sc.	1943	Holland, James Williams, B.D.S.	1932
Hill, John Distin, B.Sc.	1940	Holland, Joan, B.A.	1944
†Hill, John Manners, M.B., B.S.	1958	Holland, Laurence Corin, M.B., B.S.	1935
Hill, John Seymour Thew Tregarthen, M.B.,		Hollands, Judith Helen, B.Sc.	1956
B.S.	1941	†Holley, Maurice Frederick, B.Sc.	1959
Hill, Kenneth Arthur, B.Sc. (Eng.)	1950	Holliday, Norman Grant, B.E.	1952
Hill, Malcolm, B.E.	1951	Hollidge, Alfreda Faith, B.A.	1932
Hill, Malcolm Robert, M.Ec. (B.Ec., 1952)	1957	Hollidge, David Henry, M.A.	1889
Hill, Thomas Benjamin, M.A. (Clark's,		Hollidge, Geoffrey David, LL.B.	1926
U.S.A., 1910)	1920	Hollis, William Frederick, B.D.S.	1955
Hillier, Howard Armstrong, B.E.	1950	†Holloway, Beth, B.Sc.	1958
Hills, Neville Francis, M.B., B.S.	1957	Holman, Lawson James, M.B., B.S.	1954
Hilton, Arthur Robert, B.A.	1909	Holmes, Angus Spooner, B.A.	1955
Hilton, Frank Morphet, B.Ag.Sc.	1948	Holmes, Henry Bertram, M.B., B.S.	1940
Hilton, Keith Denyer, LL.B.	1949	Holmes, John Winspere, M.Sc.	1955
Hinc, Feliks-Alfons, B.E.	1957	†Holmes, Patricia Langley, B.A.	1958
Hinde, James Tempest, B.Sc.	1941	Holmes, Reginald Murray, M.B., B.S.	1949
Hine, Denise Charlotte, M.Sc. (B.Sc., 1949)	1952	Holtham, Richard, B.A. (Queensland, 1916)	1920
Hine, Florence Pauline, B.A.	1947	Holton, Jack Arthur, B.E.	1952
Hirst, Ronald Robert, M.Ec. (B.Ec., 1941)	1950	Holywell, Keith Harold, M.Sc.	1959
Hiscock, Ian David, Ph.D. (B.Sc., 1948;		Homburg, John, LL.B.	1908
M.Sc., 1950)	1952	Hone, Alfred Andrew, B.Sc.	1924
Hiscock, Kenneth George, B.D.S.	1952	Hone, Brian William, B.A.	1928
Hiscock, Stephen West, B.Sc.	1949	Hone, Effie Jessie, M.B., B.S. (Melbourne,	
Hisgrove, Gladys, B.A.	1936	1921)	1938
Hiskey, Thomas Alan, B.A.	1949	†Hone, Frank Alexander, B.E.	1959
†Hislop, Ian Gordon, M.B., B.S.	1958	Hone, Frank Raymond, B.Sc., M.D. (M.B.,	
Hitchcox, Alison Rosemary, B.A.	1955	B.S., 1920)	1923
Hitchcox, Alfred Clarke, M.A. (B.A., 1924)	1932	Hone, Garton Maxwell, M.B., B.S.	1924
Hitchcox, Joyce Mary, B.A.	1949	Hone, Michael Raymond, B.Sc.	1950
†Hiu, Hock Leng, B.E.	1958	M.B., B.S.	1954
Ho, Shui, B.E.	1955	Hone, Winifred Ruth Selwyn, B.A.	1934
Hoar, Barbara Charlotte, B.Sc.	1948	Honnor, Wilfred Weston, B.Sc.	1931
Hoare, Charles Gilles Lucas, M.B., B.S.	1955	M.E. (B.E., 1935)	1945
Hoare, Lehone Lucas, M.B., B.S.	1949	†Hood, Margaret Daphne, B.A.	1959
Hobbs, Alan Frank, M.B., B.S.	1922	Hood, Vivian George, B.D.S.	1950
Hobbs, Brian Kenneth, M.B., B.S.	1956	Hooker, Robert John, B.E.	1951
Hobbs, Graham Alan, M.B., B.S.	1955	Hooper, Frederick Harvey, B.Ag.Sc.	1936
Hobbs, Ian Harold, M.B., B.S.	1948	Hooper, Jane Barker, B.A.	1941
Hobbs, Michael Sydney Talbot, M.B., B.S.	1956	†Hooper, John Robert, B.A.	1959
†Hobbs, William Harris, M.B., B.S.	1958	†Hooper, Peter Laurence, B.Sc.	1934
Hobden, Joan Frances, B.Sc.	1952	Hooper, Rex Truran, M.E. (B.E., 1938)	1949
†Hocking, Brian Dominic Windsor, B.A.	1960	Hoopman, Friedrich Wilhelm, M.B., B.S.	1922
Hocking, Colin Stanley, B.Sc.	1949	Hoopmann, Eric Paul, M.B., B.S.	1949
Hocking, Frank Maxwell, B.Sc.	1929	†Hoopmann, Peter William, M.B., B.S.	1959
†Hocking, Ian Winston, M.B., B.S.	1960	Hopkins, Brian McDonald, B.Sc.	1950
Hocking, Kevin, B.E.	1953	†Hopkins, John McEwan, B.Tech.	1958
Hockney, Barry Herbert, B.Sc.	1955	Hopper, Brian William, B.Sc.	1947
Hodan, Miroslav, M.Ec. (B.Ec., 1953)	1956	Hopton, Peter Phillip Adrian, B.A.	1947
Hodby, Frederic Stephen, LL.B.	1925	Horan (nee Cleland), Margaret Burton, M.B.,	
Hodby, Kenneth Wellesley, M.B., B.S.	1936	B.S.	1932
Hodby, Lindley David, M.B., B.S.	1929	Horman, William Dinwoodie Ackland, M.B.,	
Hodge, Philip Richard, M.B., B.S.	1952	B.S.	1941
Hodge, Robert Ley, M.B., B.S.	1956	Hornbrook, Reginald Denys, M.B., B.S.	1925
Hodgkinson, Peter Willis, B.Ec.	1952	Home, Colin James, M.A. (Oxford, 1941)	1958
Hodgson, Ian Harold, B.D.S.	1950	†Horner, Frances Jane, B.A.	1960
†Hodgson, Richard Berkeley, M.B., B.S.	1959	†Horsfield, Helen Fay, M.B., B.S.	1959
†Hoepner, Robert John, B.E.	1959	Horton, Robert Ralph, M.B., B.S.	1953
Hoff, Lothar Clemens, M.B., B.S.	1953	Horvat, Leon, B.A.	1955
Hoffman, Jack, M.B., B.S.	1951	Horvat, Victor, M.B., B.S.	1955
†Hoffman, Mervyn John, M.B., B.S.	1960	Horvath, Laszlo, B.E.	1960
Hogan, Margaret Mary, B.A.	1950	†Hosking, Alexa Anne, B.Sc.	1959
Hogan, Philip Cornelius, M.B., B.S.	1928	Hosking, David Edgeworth, B.E. (Interim	
Hogarth, David Stirling, LL.B.	1931	B.Sc. (Eng.), 1942, surrendered)	1947
Hogben, Roy, B.Sc.	1950	†Hosking, Douglas William, B.A.	1960
		†Hosking, Herbert Champion, M.B., B.S.	1923

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Hosking, Lochee Maud, B.A.	1931
Hosking, Norman Grantham, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Hosking, Peter Kay, B.E.	1948
Hosking, William Rex, B.A.	1958
Hossfeld, Paul Samuel, Ph.D. (B.Sc., 1924; M.Sc., 1926)	1953
Hotten, Douglas Ernst, B.Sc.	1956
Hourigan, Lloyd David, B.Ec.	1950
Howard, Arthur Ewing, B.A.	1912
Howard, Donald William Digby, B.Ec.	1949
Howard, Ephrem, B.A.	1937
Howard, Juliet Hardman, M.B., B.S.	1951
Howard, Leo, M.A. (B.A., 1937)	1943
Howard, Patience Constance Joann, B.Ec.	1959
Howard, Peter Felix, B.Sc.	1950
Howard, Rex Trowbridge, B.Sc.	1950
Howard, Ronald Walter, B.E.	1951
Howard, Yvonne Mary, B.A.	1945
Howe, George William Osborn, D.Sc. (Durham, 1914)	1914
Howell, Frederick Glenroy Graham, B.Sc.	1949
Howell, Murray Wentworth, B.E.	1935
Howes, David William, M.Sc. (B.Sc., 1949)	1955
Howie, Mary Hotham, B.A.	1943
Howland, Donald John, B.A.	1948
Howlett, Diana Rosemary, B.A.	1956
Howlett (nee Hughes), Nellie Ruth, B.A.	1941
Howlett, Philip Thomas Michael, M.A. (B.A., 1940)	1947
B.Ec.	1953
Hronsky, Eugenia, M.B., B.S.	1955
Huang, Su-Eng, B.Sc.	1958
Huang, Yuan-Tung, Anthony, M.B., B.S.	1959
Hubbard, Margaret Eileen, M.A. (B.A., 1945)	1949
Hubbe, Edith Ulrica, B.A.	1908
M.B., B.S.	1922
Hubble, George Dixon, B.Ag.Sc.	1934
Huckson, Ernest John, B.E.	1952
Huddleston, Leslie Basil, B.Sc. (Eng.)	1942
Huddleston, Stanley Ernest, B.Sc.	1934
B.E.	1935
Hudson, Dean Franklin, B.A.	1958
Hudson, Geoffrey Marshall, B.Ec.	1957
Hudson, Hugh Richard, B.Ec. (Sydney, 1953)	1960
Hughes, Francis Henry, B.Tech.	1960
Hughes, Harold Timothy, B.Ag.Sc.	1941
Hughes, James Estcourt, M.S. (M.B., B.S., 1926)	1937
Hughes, John Burnell, M.B., B.S.	1952
Hughes, Leslie Donald, B.E.	1949
Hughes, Patricia Gliddon, B.Sc.	1952
Hughes, Robert Douglas, B.D.S.	1938
Hughes, Robert George, B.Sc. (Eng.)	1942
Hui, Weng Choon, M.B., B.S.	1957
Human, James Peter Egerton, M.Sc. (B.Sc., 1946)	1948
Humble, Dudley Samuel, M.B., B.S.	1959
Hume, Beryl May, B.A.	1959
Humphrey, Edwin Vincent, B.Tech.	1960
Humphris, Elisabeth Amy, B.A.	1952
Humphris, Francis Henry, B.E.	1924
Humphris, Francis Ross, B.Ag.Sc.	1944
Humphry, Alfred Henry, M.B., B.S.	1937
Humphry, Lulu Eileen, B.Sc.	1935
Hundertmark, Bruce B.E.	1959
Hunkin, Leonard Dale, LL.B.	1935
Hunkin, Milton Philip, B.A.	1954
Hunt, Arnold Dudley, B.A.	1942
Hunt, Arnold Leighton, Ph.D. (B.Sc., 1952)	1957
Hunt, Max Aubrey, B.E.	1931
Hunter, Betty Vera, B.Sc.	1947
Hunter, Brian Oswald, LL.B.	1932
Hunter, Doris, B.A.	1924
Hunter, Geoffrey Alan, 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
Huppatt, John Lawrence, B.Sc.	1960
Hurley, Leonard Joseph Bernard, B.A.	1914
Hurren, Pauline Mary, B.E.	1959
Hurst, Charles Angus, Ph.D. (Cambridge, 1952)	1959
Hurst, Edward Weston, D.Sc. (Birmingham, 1932)	1941
Hurst, Harvey Herbert, M.B., B.S.	1929
Hurst, Peter Edwin, M.B., B.S.	1953
Hurst, Walter William, B.Sc.	1916
Hussey, Brian Leitch, B.D.S.	1951
Hustler, Harry Fenwick, M.B., B.S. (Melbourne, 1929)	1945
Hutcheson, George Ian Dewart, B.E.	1917
Hutcheson, Gordon Bramwell, LL.B.	1930
Hutchins, John Noel, M.B., B.S.	1960
Hutchinson, Clive Reginald, B.A.	1948
Hutchinson, Colin Frederick, B.Sc.	1950
Hutton, Edward Mark, D.Sc. (B.Ag.Sc., 1933; M.Sc., 1940)	1951
Hutton, John Thomas, B.Sc.	1938
Hutton, Tom Allan, LL.B.	1940
Huxley, Leonard George Holden, Ph.D. (D.Phil., Oxford, 1928)	1950
Hyde, Alan Graham, B.Ec.	1951
Hyde, James O'Halloran, M.B., B.S.	1954
Hyde, Mirian Beatrice, Mus.Bac.	1931
Hyslop, Alexander, B.A.	1960
Hyson, Peter, B.Sc.	1960
I	
Ide, Donald Norman, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1948
Ide, Frank Boyle, B.E.	1928
Iliffe, Michael Isaac Glover, B.Sc.	1934
Ingamells, Dora, B.A.	1909
Ingamells, Eric Marfleet, B.A.	1908
Ingleby, Aileen Constance, LL.B.	1921
Inglis, Cecil Frederick, B.E.	1958
Inglis, Kenneth Stanley, Ph.D. (D.Phil., Oxford, 1956)	1957
Ingram, Arthur Donald, B.Sc.	1957
Inman, Ross Banks, Ph.D. (B.Sc., 1956)	1960
in't Veld (nee Champion de Crespigny), Margaret, B.A. (Melbourne, 1940)	1940
Ireland, Graham Malcolm, M.B., B.S.	1953
Ireland, Norman Arthur, M.A. (B.A., 1913)	1932
Irvine, Beatrice May, M.B., B.S.	1941
Irving, Denys Benson, B.Sc.	1950
Irving, (nee Robin), Elizabeth Anne, M.Sc. (B.Sc., 1949)	1954
Irving, Henry Edward, LL.B.	1933
Irving, Iris Mary, B.A.	1950
Irving, Roger John, M.Sc. (B.Sc., 1945)	1948
Irwin, Bernard John, B.Ec.	1957
Irwin, Edith French, B.Sc.	1939
Irwin, Graham Wilkie, B.A.	1947
Irwin, John Francis, B.D.S.	1951
Irwin, Robert Newenham, LL.B.	1929
Irwin, William Morris, M.B., B.S.	1938
Isaac, Alfred Frank, B.Sc.	1959
Isaachsen, Oscar Cedric, LL.B.	1932
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937
Isles, Keith Sydney, M.A. (Cambridge, 1933)	1941
Isom, Constance Ruth, B.A.	1934
J	
Jack, Fannie Augusta, B.A. (Sydney, 1899)	1913
Jack, Malcolm Alexander, M.A. (Oxford, 1958)	1959
Jack, Robert Lockhart, B.E. (Sydney, 1899)	1913
D.Sc.	1930
Jack, William Logan, M.B., B.S.	1929
Jackman, Frank Downer, B.E.	1924
Jackman, Lloyd Miles, Ph.D. (B.Sc., 1945; M.Sc., 1949)	1952
Jackman, Margaret Elva, B.Sc.	1954
Jackson, Arthur Marchant, B.A.	1943
Jackson, Edward Arthur, B.Ag.Sc.	1951
Jackson, Graham Douglas Fischer, B.Sc.	1959
Jackson, John Frederick, B.Sc.	1945
M.B., B.S.	1951
Jackson, John Flexmore, M.Sc. (B.Sc., Tasmania, 1958)	1960
Jackson, Norton, B.E.	1941
Jacob, Charles Ernest Frederick, B.E.	1934
Jacobs, Alan Brian, B.Ec.	1949
Jacobs, Donald Arthur, M.B., B.S.	1954
Jacobs, Doreen Miriam, Mus.Bac.	1941
Jacobs, Maxwell Ralph, M.Sc. (B.Sc., 1925)	1936
Jacobs, Samuel Joshua, LL.B.	1948
Jacobsen, John Viggo, B.Ag.Sc.	1959
Jacquier, Maxwell Leslie, B.Sc.	1959
Jaffrey, Andrew Maxwell, B.Sc.	1956
Jaffrey, John Maxwell, LL.B.	1956

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Jago, John Geoffrey, LL.B.	1955	Johns, Rowland Walden, B.E.	1951
Jakobsen, Hugo, B.A.	1954	Johnson, Alan Rhodes, Ph.D. (Leeds, 1953)	1955
James, Alan Treleven, M.Sc. (B.Sc., 1943)	1949	Johnson, Bruce, Ph.D. (London, 1955)	1956
James, Bertha Gwendoline, B.A.	1934	Johnson, Christopher Malcolm, B.E.	1952
† James, Brian Norman, B.E.	1958	Johnson, Darlene Fraser, B.A.	1957
James, Clarence Keith, B.E.	1932	Johnson, Dorothy Mavis, B.A.	1931
James, Colin Thomas, M.B., B.S.	1942	Johnson, Edwin Ralph, B.A.	1931
James, Helen Margaret, B.A.	1941	Johnson, Eleanor Elizabeth, B.Sc.	1957
James, Paul Reuben, M.B., B.S.	1941	Johnson, Francis Henry, M.A. (Oxford, 1946)	1952
James, Richard Cecil, B.A.	1954	Johnson, Francis James, B.E.	1952
James, Robert Jeffrey, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Johnson, Jeffery William Harwood, LL.B.	1951
† James, Robert William, B.Tech.	1959	Johnson, Keith Douglas, B.Sc.	1950
James, Wesley Hughes, B.Sc.	1919	Johnson, Margaret Isabel, B.A.	1952
M.E. (B.E., 1921)	1932	Johnson, Peter Ralph, B.Sc.	1941
James, William Rex, M.B., B.S.	1928	Johnson, Robert Douglas, B.E.	1955
Janardhan, Narienkadu Mohanarunga, B.E.	1954	Johnson, Robert Vincent, Ph.D. (Manchester, 1952)	1959
Jankas, Boris Sebire, M.Sc.	1948	Johnson, Ronald Lisle, LL.B.	1937
† Jankauskas, Algis, M.B., B.S.	1959	† Johnson, Ross Gordon, M.B., B.S.	1958
Jansen, Marcus Gordon, M.B., B.S.	1943	Johnson, William Courtenay Saunders, B.A.	1934
Janzow, Eric Herbert Martin, B.A.	1940	Johnson, William Herbert, B.A.	1911
Jarrett, Frank George, Ph.D. (Iowa)	1955	Johnston, Elizabeth, LL.B.	1948
† Jarrett, Ivan Gentry, M.Sc. (B.Sc., 1939)	1947	Johnston, Elliott Frank, LL.B.	1940
Jarvis, Ronald Harris, M.B., B.S.	1948	Johnston, Lance Galbraith, B.E.	1925
Jaskewycz, Taras, B.Sc.	1956	Johnston, Ross George, B.D.S.	1936
Jauncey, George Eric Maedonnell, D.Sc. (B.Sc., 1909)	1922	Johnstone, William Watson, M.E. (B.E., 1937)	1947
Jay, Hubert Melville, M.B., B.S.	1908	Jolly, Bertram Morris, M.B., B.S.	1937
Jay, Peter Gerald, M.B., B.S.	1941	Jolly, Dennis Rawson Penfold, B.Sc.	1953
Jeanes, Brian Hamilton, M.B., B.S.	1953	Jolly, Donald, B.Sc.	1945
Jeanes, John Colin, B.E.	1954	Jolly, Erica Annette, B.A.	1956
Jeevaratnam, Appapillai Jacob, M.Ag.Sc. (B.Ag.Sc., 1955)	1956	Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930)	1936
Jeeves, Malcolm Alexander, Ph.D. (Cambridge, 1957)	1960	Jolly, William Alfred Swinburne, B.E.	1948
Jeffares, Alexander Norman, M.A. (Oxford)	1952	Jolly, William Richard Norman, B.Sc. B.A.	1933
Jefferies, Brian Crossley, B.Ag.Sc.	1953	Jona, Jacob, B.Sc.	1908
Jeffers, Arthur Tarlton, B.Sc.	1908	Jona, Judah Leon, D.Sc. M.B., B.S. (Melbourne, 1911)	1910
† Jeffrey, Peter Dalrymple, B.Sc.	1960	M.S.	1919
Jeffries, Elizabeth Shirley, B.A.	1957	† Jonas, Oswald, M.B., B.S.	1959
Jeffries, John Singleton, M.B., B.S.	1942	† Jones, Alan Stuart, B.Sc.	1960
Jeffries, Lewis Wibmer, M.B., B.S.	1907	Jones, Alan Thomas Britten, M.B., B.S.	1921
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952)	1953	Jones, Albert Walter, B.Sc. M.A. (B.A., 1937)	1932
Jeffries, Sir Shirley Williams, LL.B.	1909	† Jones, Beverley Lillian, B.A.	1944
† Jellett, Leon Barry, M.B., B.S.	1960	Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1949
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945)	1951	B.E.C.	1958
Jenke, Dudley Conrad, B.Sc.	1950	Jones, Conway Jeffrey, B.Sc. (Eng.)	1945
Jenkin, Alfred John Roseland, B.A.	1932	Jones, David Lewis, M.B., B.S.	1950
Jenkin, Beth Lenore, B.A.	1940	Jones, Doris Egerton, B.A.	1911
† Jenkin, John Grenfell, B.Sc.	1960	Jones, Dorothy Irene, B.A.	1945
Jenkin, Mabel Gertrude, B.A.	1928	Jones, Geoffrey Hedley, M.B., B.S.	1947
† Jenkin, Philip Ross, B.E.C.	1960	Jones, Gwynfred, B.Sc.	1926
Jenkins, Heather Gordon, B.Sc.	1950	Jones, Herbert William, B.E.	1939
Jenkins, Rex Desmond, B.A.	1941	Jones, Jean Murray, M.B., B.S.	1944
Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916)	1922	Jones, John Brett, Ph.D. (Wisconsin, 1958)	1960
Jenner, Anthony Martin, B.E.	1952	Jones, Kelvin Lindsay, B.Sc.	1945
† Jenner, Monica Marie, B.A.	1959	Jones, Kenneth Thomas, M.B., B.S.	1951
Jennings, Bruce Arthur, B.E.	1950	Jones, Evan Mander, M.A. (Oxford, 1937)	1948
Jennings, Robert Edward, B.Sc.	1952	Jones, Margaret Britten, B.A.	1947
Jennison, Raymond Barraclough, B.E.	1950	Jones, Michael John, B.A.	1954
Jens, John Matthias Joseph, M.B., B.S.	1934	Jones, Reginald John, B.A.	1948
Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941)	1948
Jensen, Richard Ian Broughton, B.A.	1951	Jones, Robert Britten, M.B., B.S.	1952
Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool, 1933)	1957	Jones, Robert Howard, B.Sc.	1940
Jensen, Tom Broughton, B.E.	1938	Jordan, Dierdre Frances, B.A.	1947
Jephcott, Bruce Reginald, B.Sc.	1950	Jordan, Denis Oswald, D.Sc. (London, 1953)	1955
Jepson, Richard Pomfret, M.B., B.S. (M.B., Ch.B., Manchester, 1941)	1959	Jorgensen, Donald Murray, M.B., B.S.	1953
Jericho, Arnold Mervyn, B.E.	1938	† Jorgensen, Francis Richard Arthur, B.E.	1960
Jessup, Allan Aubrey, M.B., B.S.	1952	† Jory, Rodney Leonard, B.Sc.	1959
Jessup, Leonard Clive, M.B., B.S.	1952	Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1947
Jessup, Rupert William, M.Sc. (B.Sc., 1945)	1948	Jose, Edward Salisbury, B.A. (Oxford, 1904)	1905
Jew, Ronald William, LL.B.	1937	Jose, Geoffrey Alan, M.B., B.S.	1948
Jewell-Thomas, Stephen Rutter Culross, B.E.	1954	Jose, Ivan Bede, M.S. (M.B., B.S., 1915)	1923
Johinke, Albert Keith, B.E.	1952	Jose, John Salisbury, M.B., B.S.	1957
John, Glen Owen, B.E.	1951	Joseph, George, LL.B.	1938
John, Lloyd Vincent, B.A.	1954	Joseph, Hapurarachchige Don Austin Carlo, B.Sc.	1956
Johncock, Leonard Percy, B.A.	1926	Joseph, Kianthra Thomas, M.Ag.Sc.	1958
Johns, Bennett Gilbert Langman, B.Sc.	1937	† Joshi, Jagan Nath, M.B., B.S.	1958
† Johns, Darby Richard, B.E.C.	1958	Joske, John Webster, M.B., B.S.	1955
† Johns, Malcolm Grant, B.Sc.	1960	Joyce, Rosalie Woodruff, B.A.	1929
† Johns, Robert Edwin, B.E.	1960	Joyner, Malcolm Stewart, B.D.S.	1926
† Johns, Robert Keith, M.Sc. (B.Sc., 1948)	1960	Joyner, Max Frederick, LL.B.	1913
† Johns, Rodger Norman, B.E.	1960		

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Judd, James, B.A.	1954	†Kelsall, George Robert Henry, M.B., B.S.	1958
Judd, Percival Richard Henry, B.A.	1934	Kelsey, Oswald Mortimer, B.E.	1938
B.Ec.	1938	Kemp, Henry Kenneth, B.Ag.Sc.	1933
Jude, Gertrude Josephine, B.Sc.	1901	Kempster, Charles John Edgar, Ph.D. (Cambridge, 1958)	1960
Judell, Maurice Wolff, B.Sc.	1903	Kendrew, George Harry, M.B., B.S.	1917
Judell, Trevor Leopold, B.Sc.	1947	Kenihan, Raphael Leo, M.B., B.S.	1915
Judell, Vivienne, LL.B.	1933	Kenihan, Robert Austin, M.B., B.S.	1946
Juett, Christina Margaret, M.A. (B.A., 1929)	1933	Kennare, Hugh Daly, B.D.S.	1950
†Juhasz, Ferenc, B.Ec.	1958	Kennedy, Alan Duncan, B.A.	1952
Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909)	1914	Kennedy, Alexander Lorimer, B.E.	1915
Jungfer, Carl Clifford, M.D. (M.B., B.S., 1936)	1949	Kennedy, Desmond Anthony, M.B., B.S.	1955
Jungfer, Lorenz Wilfred, B.D.S.	1933	Kennedy, Donald Edward, M.A. (Melbourne, 1952)	1957
Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907)	1914	†Kennedy, Geoffrey Sydney, B.Ag.Sc.	1958
Juttner, Prudence Anne, B.Sc.	1952	Kennedy, John Graham, B.E.	1952
		Kennedy, Josephine Margaret, M.B., B.S.	1939
		Kennedy, Karin Isobel, B.Sc.	1955
		†Kennedy, Michael Brian, B.E.	1959
		Kennedy, Philip James Anthony, LL.B.	1954
		Kennedy, Stanley Wallace, Ph.D. (Belfast, 1954)	1957
		Kennett, Edmund Richard, B.E.	1949
		Kenny, Daniel Thomas, B.E.	1951
		Kenny, Martin Lance, B.A.	1940
		Kenny, Patricia Mary, B.A.	1954
		Kent, George Lynden, B.A.	1952
		Kent, Heinz Sigfrid Koplowitz, Ph.D. (Cambridge, 1955)	1956
		†Kentish, Peter Horwood, B.A.	1960
		Kentish, Timothy David, B.Ag.Sc.	1949
		Keon-Cohen, Russel Hallel, M.A. (Melbourne, 1925)	1945
		Kerin, John Francis, B.A.	1949
		Kerin, Kevin Vincent, LL.B.	1952
		†Kerin, Mary Bridget, B.A.	1960
		Kerr, Allen, Ph.D.	1956
		Kerr, Colin Gregory, M.A. (B.A., 1934)	1937
		Kerr, David Ian Bevis, Ph.D. (B.Sc., 1947)	1954
		Kerr, Sydney Challen, M.B., B.S.	1942
		†Kerry, Jack Chris, M.B., B.S.	1960
		Kerslake, William James, B.A.	1942
		†Kersten, Lee Irving, B.A.	1959
		Kessell, Abraham, M.B., B.S.	1955
		Kessell, John Samuel, M.B., B.S.	1923
		Kessell, Maurice, M.B., B.S.	1950
		Kessell, Stephen Lackey, M.Sc. (B.Sc., 1917)	1927
		Kesting, Louis John, B.A.	1944
		Ketteridge, Colin Ralph, B.D.S.	1956
		Ketteridge, Ian Bruce, B.E.	1951
		Keynes, Doris Ruth, B.Sc.	1950
		Keynes, Nanette Joan, B.A.	1943
		†Kho, Chin Heng, B.Sc.	1960
		Khoo, Teng Joo, B.A.	1955
		†Khor, Teik Hean, Michael, B.E.	1959
		†Kidd, Barrington Horace, B.D.S.	1959
		Kidd, Rowland James, B.D.S.	1953
		Kiek, Laurence Edward, M.A. (B.A., 1947)	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
		Kilmier, Arthur Clifford, B.A.	1929
		Kilmier, Betty Margaret, B.A.	1953
		†Kilpatrick, Iain David, B.E.	1960
		Kimber, Hugh Robert Reid, B.E.	1940
		†Kimber, Jennifer, B.A.	1959
		Kimber, Pamela, B.A.	1947
		Kimber, Richard John, B.D.S.	1953
		†Kimber, Robert James, B.A.	1960
		Kimber, Ronald Walter Lincolne, Ph.D. (B.Sc., 1956)	1960
		Kindler, John Ernest, M.E. (B.E., 1928)	1930
		King, Brian Maxwell, B.E.	1956
		King, Colin George, B.D.S.	1938
		King, Donald, M.Sc. (B.Sc., 1948)	1950
		King, Edwin George, B.A. (Western Australia, 1942)	1958
		†King, Frances Mary, B.A.	1960
		King, Jack Naisbitt, M.A. (Cambridge, 1956)	1956
		King, Leonard James, LL.B.	1951
		King, Robert Bruce, B.Sc. (Sydney, 1947)	1960
		†Kinlough, Margaret Anne, M.B., B.S.	1958
		†Kinnaird, Malcolm Alexander, B.E.	1959
		Kinnane, Kenneth James, B.D.S.	1952

† Not yet Members of the Senate.

Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	†Kruhming, Edward Charles, B.E.	1960
Kinnear, Andrew Munro, B.E.	1950	Krumins, Dagmara Eleonora, B.D.S.	1954
Kinsman, Andrew Guise, B.E.	1954	Kryvoviaza, Jaroslaw, B.D.S.	1953
Kirby, David Bevan, M.B., B.S.	1951	†Kubacz, George John, M.B., B.S.	1959
Kirkman, David Norton, M.B., B.S.	1947	Kuchel, Carl Wilhelm August, M.A. (B.A., 1908)	1912
Kirkman, Edith Doreen, B.Sc. M.B., B.S.	1948	Kuchel, Clemens Carl, B.Sc.	1934
Kirkman, Kenneth Hainsworth, LL.B.	1919	Kuchel, Rex Harold, B.Sc.	1942
Kirkman, Lawrence Hayworth, LL.B.	1949	Kuchel, Robert Erwin, B.Sc.	1947
†Kirsch, Marina, LL.B.	1960	Kuhl, Dean Hasting, B.Sc.	1957
Kirsten, Marcia Meymott, B.A. (Sydney, 1924)	1952	Kuhlmann, Herman Frederick, M.B., B.S.	1943
Kirwan, Colleen Joy, B.Sc.	1956	†Kulasingham, Lynn, B.A.	1959
Kissel, Thomas Alfred, B.A.	1954	Kummick, Donald Kerr, M.B., B.S.	1951
Kitchener, Martin John, B.E.	1957	Kurczak, Henry, B.E.	1957
Kitson, Mary Cecil, LL.B.	1916	Kurtz, Clarence Norman, B.A.	1956
†Kitto, Rodney Keith, B.Tech.	1959	Kurucsev, Tomas, Ph.D. (B.Sc., 1954)	1958
Kiusalaas, Jaan, B.E.	1956	Kutcher, Raymond William Harrold, B.E.	1951
†Klaebs, Kenneth Eric, B.Sc.	1960	†Kuusk, Eda Renaate, M.B., B.S.	1958
Klaebs, Robert John, B.D.S.	1955	Kwok, Hae Leong, B.E.	1957
Klaebs, Ruth Adelaide, B.A.	1947	Kwong, Sea Yoong, B.D.S.	1955
Klauss, Cynthia Beaumont, B.Sc.	1953	Kyd, Isabel Somerville, B.A.	1937
Kleeman, Alfred William, Ph.D. (B.Sc., 1933; M.Sc., 1935)	1955	Kyd, Margaret Florence, B.A.	1941
Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	L	
Kleeman, Peter Wallace, B.E.	1951	Lacey, John Salisbury, B.E.	1946
Kleeman, Reginald Theodore, B.E.	1923	Ladd, Jeffrey Norman, M.Sc. (B.Sc., 1952)	1955
Kleemann, Colin Martin, B.E.	1939	Lade, Kathleen Beatrice, B.A.	1930
Klein, Robert William, M.B., B.S.	1939	Lade, Norman Edgar, M.A. (Melbourne, 1926)	1937
Kleing, Cyril Raymond, B.Ag.Sc.	1950	Laffan, Anna Estelle, B.A.	1922
Kloeden, Louis Adolph, B.A.	1948	Laffer, Leonard Hughes, B.Ag.Sc.	1934
Klose, Alfred Emil Johannes, B.A.	1915	La Ganzza, Richard Francis, M.Sc. (B.S., Yale, 1957)	1960
†Klose, Edwin Francis, B.Sc.	1959	Lagzdins, Lia, B.A.	1957
Knapman, William Hamilton, B.Sc.	1951	Lai, Mun Seng, M.B., B.S.	1956
Knarhoi, Harry Hansen, M.B., B.S.	1956	Laidlaw, Donald Hope, LL.B.	1949
†Knauerhase, Juliet Mary Lillemor, B.A.	1960	Laidlaw, William Clarke, B.A.	1938
Knauerhase (nee Kiek), Margaret Lucy, B.A.	1934	Lake, Blair Hingston, B.D.S.	1950
Knauerhase, Oscar Carl, M.A. (B.A., 1934)	1943	Lake, Robb Hingston, LL.B.	1939
Kneebone, Christopher Stephen, B.E.	1920	Lam, Lambert Teck Choon, M.B., B.S.	1955
Kneebone, Clive Stuart, M.B., B.S.	1951	†Lam, Yu Sweet, B.Sc.	1960
Kneebone, Garry Malcolm, M.B., B.S.	1953	Lamacraft, Kenneth Ronald, B.A.	1954
Kneebone, John Henry, M.B., B.S.	1954	Lamborne, Maxwell Addison, B.A.	1953
Kneebone, John Keith, M.B., B.S.	1947	Lamey, Charles Sydney, B.A.	1932
Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911)	1921	Lamey, Gwenyth Eugene, B.A.	1940
Kneebone, Nance Gordon, B.A.	1950	Lampard, Dudley John, M.B., B.S.	1941
Knight, Edwin Walter, M.B., B.S.	1957	Lampe, Victor Leslie, B.A.	1919
Knight, Ronald Barrington, M.B., B.S.	1933	Lamphee, Allan Dunstan, M.B., B.S.	1924
Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Lamphee, Catherine Elspeth, B.Sc.	1953
†Knox, Peter Gordon, B.Tech.	1958	Lamshed, Albert Saville, B.A.	1950
Koch, Colin Barry, B.D.S.	1951	La Nauze, Barbara Burton, B.Sc.	1937
Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928)	1938	La Nauze, John Andrew, B.A. (Oxford, 1934)	1935
Koehne, Ivan Harold, M.B., B.S.	1956	Lander, Harry, M.B., B.S.	1951
Koehne, Marjorie Evelyn, B.A.	1931	†Lane, Barbara Edith, B.Sc.	1960
Koehne, Peter David, B.A.	1957	Lane, Douglas James, B.Sc.	1950
Koehne, Raymond Percy, B.A.	1932	†Lane, John Edgar, B.Sc.	1959
Koerber, Brian Walter, B.Sc.	1956	Lang, Eric, M.E. (B.E., 1924)	1930
Koerner, Carl Frederick, M.E. (B.E., 1923) B.Sc.	1933	†Lang, Craham Bruce, B.Sc.	1958
Koerner, John Francis, B.E.	1924	Lang, Ian Philip, B.Sc.	1951
Kohler, Theodor George, M.B., B.S.	1946	Lang, Philip Roy, M.A. (B.A., 1923)	1929
Kollosche, Harold Frank, M.B., B.S.	1915	Lang, Samuel Brambley, B.A.	1949
Koop, Eric John, B.E.	1949	Lang, Sydney Chapman, B.A.	1896
Koop, Peter Malcolm, M.B., B.S.	1949	Langevad, Eric James, B.E.	1933
Korallis, Costa Agis, B.Sc.	1956	Langford-Smith, Trevor, M.Sc. (B.Sc., Sydney, 1940)	1942
Korytnyk, Wsewolod, Ph.D. (B.Sc., 1953)	1957	†Langrehr, John Scott, B.Sc.	1960
Kowanko, Nicholas, B.Sc.	1956	Langridge, John Balcombe, Ph.D.	1956
Krantz, Kenneth David, M.B., B.S.	1941	Langron, William Joseph, B.Sc.	1947
Krantz, Roy, M.B., B.S.	1930	Langsford, Diana, B.A.	1948
Krantz, Sydney, M.B., B.S.	1927	Langstaff, Lois, B.A.	1944
Kranz, Murray Lyall, B.D.S.	1951	†Lanyon, Richard Ian, B.E.	1958
Krause, Malcolm Rex, B.Ag.Sc.	1947	Lapidge, Jack Stanley, B.E.	1935
Kretschmer, Gaynor Blanche, B.A.	1948	Laslett, George Nield, B.A.	1951
Krichauff, George Frederick, B.E.	1927	Laslett, Ian John, B.Sc.	1950
†Krichauff, Henry Stead, B.Ag.Sc.	1958	†Laslett, Robert Lacy, B.Sc.	1960
Krieg, Erwin Oswald, B.A.	1947	Last, John Murray, M.B., B.S.	1949
Krieg, Marcus Gustav, B.A.	1941	Last, Peter Murray, M.B., B.S.	1952
Kriehrn, Adolf Oscar, M.A. (B.A., 1922)	1926	Last, Raymond Jack, M.B., B.S.	1924
†Krishnan, Subramaniam Sivarama, M.B., B.S.	1958	Latz, Clement Victor, B.Sc.	1955
†Krishnapillai, Vijayachari, B.Sc.	1960	Laubsch, Colin Andrew, B.Sc.	1951
†Kristoff, Julia, B.Sc.	1960	Laught, Keith Alexander, LL.B.	1927
Krockenberger, Bruno, B.E.	1956	Laughton, Frances Elizabeth, B.A.	1941
Kruger, James Morris, B.Sc.	1948	Laughton, Rosemary Pauline, B.A.	1945
		Laurence, Joan Mary, B.A.	1935
		Laurie, John Buxton, B.E.	1955
		Laver, John Poynton, B.E.	1952
		†Lavery, Christopher Soward, B.E.	1960

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Lavis, David Milton, B.Sc.	1949	LePage, Keith Ernest, M.B., B.S.	1952
Lavis, John Frederic, M.D.S. (B.D.S., 1945)	1954	LePage, Patricia Nadeane, B.A.	1958
Law, Gertrude Teresa, M.A.	1924	LePage, Rex Newbury, M.Sc. (B.Sc., 1955)	1960
Lawrance, Robert, M.Sc.	1958	Leske, Clive William, B.E.	1950
Lawrence, Alfred Oscar Platt, B.Sc.	1928	Leske, David, M.B., B.S.	1954
Lawrence, Bruce Ernest, M.B., B.S.	1927	Leske, Elmore, B.A.	1947
Lawrence, James Roland, M.B., B.S.	1954	Leske, Kenneth Berthold, B.Ag.Sc.	1948
Lawrence, John Robert, B.E.	1957	Leslie (nee Sharman), Florence Mary, M.A.	1919
†Lawrence, Margaret Evelyn, B.A.	1959	Leslie, Jean, M.A. (B.A., 1920)	1932
Lawrence, Robert John, B.A.	1953	Leslie, Peter William, M.B., B.S.	1943
Lawrie, David Charles, B.Sc.	1954	Leslie, Robert Bradshaw, B.Sc.	1952
Lawrie, John Desmond, B.E.	1954	†Lesnikowski, Zdzislaw, B.E.	1960
†Lawry, Peter Sheldon, B.Sc.	1960	Le Souef, John Dudley, M.B., B.S.	1948
Lawry, Reginald Arthur, B.A.	1943	Letcher, Herbert George, M.B., B.S.	1927
Laws, Keith William, B.D.S. (Sydney, 1924)	1925	Levitt, Solomon, M.B., B.S.	1950
†Laws, Beverley Joy, B.Sc.	1959	Levy, Judith Anne Winstanley, B.Sc.	1956
Lawson, Frederick Henry, B.Sc.	1935	Levy, Rose Winstanley, LL.B. (Western Australia, 1941)	1952
Lawson, Margaret Elaine, M.B., B.S.	1955	Lewcock (nee Orrock), Ena Beatrice Faith, B.A.	1926
Lawson, William Scott, M.B., B.S.	1954	Lewcock, Harry Kingsley, B.Sc.	1923
Lawton, Graham Henry, M.A. (Oxford)	1952	Lewis, Arthur Sangster, B.E.	1930
Lawton, Peter Alan, B.Sc.	1950	Lewis, Sir Aubrey Julian, M.D. (M.B., B.S., 1923)	1931
Lawton, Ralph Stanley, B.A.	1953	Lewis, Basil Reece, B.Sc.	1944
Laycock, Frederick John, M.B., B.S.	1941	Lewis, Colin Hamilton, B.D.S.	1943
Laycock, Geoffrey Clifton, B.A.	1952	Lewis, David Alfred, B.Sc.	1943
Laycock, Margaret, B.A.	1954	Lewis, David Gray, M.Sc. (B.Sc., 1949)	1957
†Lea, David Alexander Maclure, B.A.	1958	Lewis, Eric Henry, M.D. (M.B., B.S., 1906)	1908
Lea, John Francis Maclure, B.E.	1957	Lewis, Glen Arthur, B.E.	1949
Leach, Basil Wood, B.D.S. (Melbourne, 1920)	1924	Lewis, Gordon John, B.E.	1951
Leach, John Brian, B.D.S.	1947	Lewis, Graham Ethelbert, Ph.D. (B.Sc., 1950)	1955
Leach, Raymond Basil, B.D.S.	1950	Lewis, Irene Gwendoline, B.Sc.	1907
Leach, Robert William, B.A.	1950	Lewis, John Aylward, M.B., B.S.	1944
Leach, Ronald Hubert, M.Sc. (B.Sc., 1950)	1953	Lewis, Joseph Arthur, B.A. (Western Australia, 1934)	1935
Leach, William Valentine, M.A. (B.A., 1922)	1923	Lewis, Keith Gray, B.Sc.	1940
Leader, Haynes, LL.B.	1926	Lewis, Keith William, B.E.	1952
Leak, Brian Hedley, B.A.	1954	Lewis, Kevin Joseph, B.D.S.	1933
Leaney, Cecil John, M.B., B.S.	1952	Lewis, Leonard Arthur, B.Sc.	1940
Leaney, Peter Anthony, M.B., B.S.	1954	Lewis, Mary, B.A.	1949
Leaney, Roy Kent, B.A.	1947	Lewis, Norman Benjamin, B.Sc.	1947
Leask, John Hunter, B.E.	1928	Lewis, Peter Alexander, B.E.	1957
†Leask, John James, B.E.	1960	Lewis, Raymond Douglas, B.Sc.	1939
Leaver, Edward, LL.B.	1928	B.A.	1959
Leaver, Kenneth Batten, B.A.	1942	Lewis, Reginald William Frederick, B.E.	1925
Leaver, Sally Lucia Eulalie, B.Sc.	1956	Lewis, Richard Owen, B.A.	1951
Leckie, Alexander, Joseph, Mus.Bac.	1913	Lewis, Robert Brook, B.Sc. (Melbourne, 1941)	1947
LeCornu, Colin George, B.A.	1954	B.A.	1952
Ledger, Gladys May, B.A.	1912	Lewis, Roy Newman, B.Sc.	1945
Ledger, William Henry, B.Sc. (B.E., Sydney, 1903)	1906	Lewis, Stuart Hayes, M.B., B.S.	1950
Leditschke, Friedrich Berthold, M.B., B.S.	1924	Leyland, Geoffrey Agar, M.B., B.S.	1944
Leditschke, John Frederick, M.B., B.S.	1957	Liddy, Desmond Terence, B.Sc.	1950
Leditschke, Kathleen Dora, B.Sc.	1956	Liddy, John Francis, B.E.	1952
Leditschke (nee Bennier), Margaret Mary Caroline, B.A.	1955	Liebich, Alvin Frederick, B.E.	1940
Lee, Chin Tiong, M.B., B.S.	1957	†Lieschke, Alister Headley, B.Sc.	1959
Lee, Chye Chow, M.B., B.S.	1955	Ligertwood, Sir George Coutts, B.A.	1908
Lee, Frank Milton, B.A.	1939	LL.B.	1910
Lee, Heather Vivian, B.A.	1947	Ligertwood, James Arthur, B.E.	1950
Lee, Hector John, M.Sc. (B.Sc., 1932)	1949	Ligertwood, Neil Coutts, LL.B.	1948
†Lee, Kee Ching, B.E.	1958	Ligeti, Pirooska Magdolna, M.B., B.S.	1954
Lee, Kevin John, B.E.	1954	Lilburn, William Embleton, B.E.	1954
Lee, Kwok Ching, M.B., B.S.	1955	Lilburne, Geoffrey Douglas Roland, M.B., B.S.	1949
Lee, Kwok Poh, B.D.S.	1956	†Liljegren, David Roland, B.Sc.	1959
Lee, Lance Maurice, LL.B.	1956	Lill, John Charles, B.E.	1955
Lee, Raymond Wilson, B.E.	1954	Lillecrapp, Douglas Arthur Julian, B.A.	1949
†Lee, Ronald Milton, B.Tech.	1959	Lillywhite, Cuthbert, B.Sc.	1936
Leidig, Ludwig Adolf Emanuel, M.A. (B.A., 1924)	1926	Lillywhite, John Wilson, B.Sc.	1936
Leifer, Michael, Ph.D. (London, 1959)	1960	†Lillywhite, Myra Jean, B.A.	1960
Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935)	1947	†Lim, Khaik Leang, B.Sc.	1959
Leitch, Raymond John, M.B., B.S.	1956	Lim, Kwang Hua, B.E.	1957
Lekias, Michael Simon, M.B., B.S.	1955	†Lim, Leong Geok, B.E.	1959
LeLacheur, Heliier, B.A.	1915	Lim, Yong Peng, B.Ag.Sc.	1957
LeMaistre, Ray Mauger, B.A.	1939	†Limmer, Allan Noel, M.B., B.S.	1959
Lemcke, Vincent Andrew Howard, B.A.	1940	Lindon, John Leonard Henry, M.B., B.S.	1952
LeMessurier, David Hugh, B.Sc.	1932	Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919)	1923
LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913)	1920	Lindon, Marten Edward, M.B., B.S.	1953
†LeMessurier, Patricia Anne, B.A.	1959	Lindsay, Keith Malcolm, B.A.	1939
LeMessurier, Robert Ernest, B.E.	1949	Lindsay, Thomas Bruce, M.D.S. (B.D.S., 1939)	1950
Lemmey, Ford Frall, B.A.	1951	M.B., B.S.	1957
Lemon, Arnold William, LL.B.	1936	Lines, Dean Franc, B.Sc.	1944
Lendon, Alan Harding, M.B., B.S.	1937	Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915)	1933
Lendon, Elspeth Lockett, B.A.	1950	Lines, George Edward, B.Ag.Sc.	1951
Lendon, Guy Austin, M.D. (M.B., B.S., 1917)	1922	Lines, Helen Nora, B.A.	1952
Lennon, Vincent Francis Bennett, M.B., B.S.	1930		
†Leonard, Ian Ferguson, M.B., B.S.	1959		
†Leong, Luen Kit, B.E.	1960		

† Not yet Members of the Senate.

McDonald, Bruce Alexander, B.D.S.	- - -	1951	McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	- - -	1948
McDonald, Collin Robert, B.Sc.	- - -	1949	McKellar, John Ralph, B.Sc.	- - -	1956
†McDonald, Donald Charles, B.Tech.	- - -	1960	McKelvie, Donald, B.Sc.	- - -	1953
McDonald, Donald Stuart, B.A.	- - -	1937	McKenna, Donald George, M.B., B.S.	- - -	1949
McDonald, Gilbert Sherman, B.A.	- - -	1930	McKenna, Keith Patrick, M.B., B.S.	- - -	1953
McDonald, Heather Hunter, B.Sc.	- - -	1949	McKenzie, Donald Keith, M.B., B.S.	- - -	1927
McDonald, Hugh Thomas, M.B., B.S.	- - -	1953	McKenzie, Jean, B.Sc.	- - -	1954
†McDonald, John Anthony, B.Sc.	- - -	1960	McKenzie, Mary, M.B., B.S.	- - -	1946
McDonald, John Gregory, M.B., B.S.	- - -	1956	†McKenzie, Reginald Murray, B.Tech.	- - -	1958
McDonald, John Hunter, B.A.	- - -	1934	†McKie, David Graham, B.A.	- - -	1958
McDonald, Kenneth Duncan, B.Sc.	- - -	1951	Mackie, Dean Graham, M.B., B.S.	- - -	1953
†McDonald, Margaret Doreen, B.Sc.	- - -	1959	McKie, Duncan, Mus.Bac.	- - -	1938
Macdonald, Keith Alexander, LL.B.	- - -	1932	Mackie, James Joseph, B.E.	- - -	1953
McDonald, Percy William, B.A.	- - -	1932	McKinnon, Donald Campbell, M.B., B.S.	- - -	1957
McDonald, Peter Baker, B.A.	- - -	1950	McKinnon, George Clarence, B.Sc.	- - -	1933
McDonald, Peter de Paul, B.D.S.	- - -	1953	McKinnon, Heather Campbell, B.A.	- - -	1952
McDonald, Ross, LL.B.	- - -	1913	McKinnon, John Desmond, B.D.S.	- - -	1951
†McDonnell, Desmond Leo, M.B., B.S.	- - -	1958	McKinnon, Robert Campbell, B.A.	- - -	1934
McDonnell, Eileen Mary, B.A.	- - -	1929	McKinnon, Robert Keith, B.E.	- - -	1950
McDonnell, Ellen Mary, B.A.	- - -	1943	McKinnon, Ross Charles, M.B., B.S.	- - -	1952
McDougall, Elisabeth, B.A.	- - -	1942	Macklin, Ellen Dulcie, M.Sc. (B.Sc., 1924)	- - -	1927
McDougall, John, B.E.	- - -	1943	Macklin, Laura Muriel Caterer, B.A.	- - -	1934
McDowall, Barry Patrick, B.Sc.	- - -	1954	Macklin, William Charles, M.Sc. (B.Sc., 1952)	- - -	1956
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926)	- - -	1948	†McLachlan, Margaret Elizabeth, LL.B.	- - -	1959
McEachern, Morven, B.D.S.	- - -	1927	McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935)	- - -	1947
McEvoy, Aloysius John, B.A.	- - -	1937	McLaughlin, Eric Enstone, LL.B.	- - -	1935
McEvoy, Frances, B.Sc.	- - -	1952	McLaughlin, Eugene, M.B., B.S.	- - -	1922
McEwan, Lena Elizabeth, M.B., B.S.	- - -	1949	†McLaughlin, Ian Leonard, B.Sc.	- - -	1960
†McEwin, Adrian Gardner, B.Sc.	- - -	1958	McLaughlin, Moira Clare, B.Sc.	- - -	1957
McEwin (nee Marshall), Betty Waddell, B.Sc.	- - -	1943	McLay, Andrew Harold, B.A.	- - -	1953
McEwin, John Neil, LL.B.	- - -	1928	McLean, Albert Eric, M.A. (B.A., 1928)	- - -	1931
McEwin, Keith, M.B., B.S.	- - -	1912	McLean, Dorothy Alice, B.A.	- - -	1927
McEwin, Roderick Gardner, M.B., B.S.	- - -	1944	McLean, Ian Weymouth, B.Sc.	- - -	1952
McFarlane, Alan, B.E.	- - -	1953	†McLean, Lancelot Henry Archibald, B.E.	- - -	1960
McFarlane, Eileen Dorothea, B.A.	- - -	1943	McLean, Murray Colin, B.A.	- - -	1949
McFarlane, John Preiss, LL.B.	- - -	1936	McLean, Reginald Alexander, B.A.	- - -	1932
McFarlane, Trevor Hector, LL.B.	- - -	1937	McLean, Sibeley Jean, M.Sc. (B.Sc., 1945)	- - -	1951
McFarlane, William Hector, B.Ag.Sc.	- - -	1942	McLeay, Colin James, M.B., B.S.	- - -	1956
McGee, Colin Raymond, B.Sc.	- - -	1953	McLeay, Donald Barton, M.B., B.S.	- - -	1947
McGee, John, LL.B.	- - -	1922	McLeay, Helen Mary, B.A.	- - -	1950
†McGee, Skaidrite, B.A.	- - -	1959	†McLennan, Heather Margaret, B.Sc.	- - -	1958
Maghey, Mary Veta, M.A. (B.A., 1919)	- - -	1930	MacLennan, James Sydney Kilcoy, LL.B.	- - -	1906
McGill, Ian Keith, M.A. (B.A., 1956)	- - -	1958	McLeod, Allan John, B.Sc.	- - -	1939
McGlashan, John Eric, M.B., B.S.	- - -	1909	McLeod, Douglas Burton, LL.B.	- - -	1952
McGlashan, John Gardner, M.B., B.S.	- - -	1942	†McLeod, John Kenneth Allister, B.E.	- - -	1960
McGlashan (nee Gardner), Mary Beatrice, B.A.	- - -	1909	McLoughlin, Vincent Patrick, B.A.	- - -	1949
McGlasson, William Barry, B.Ag.Sc.	- - -	1951	McMahon, Francis Leslie, B.E.	- - -	1951
McGlew, Phyllis Dorothy, M.B., B.S.	- - -	1918	Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	- - -	1948
McGovern, Thomas Henry, LL.B.	- - -	1951	McManus, John Bernard, B.Sc.	- - -	1954
McGowan, George Murray, B.A.	- - -	1938	McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- - -	1944
McGowan, Norman Leslie, B.E.	- - -	1950	McMichael, Kenneth Price, B.E.	- - -	1950
McGowran, Brian, B.Sc.	- - -	1957	McMillan, James William, M.B., B.S.	- - -	1952
McGowran, Myrie Irene, B.A.	- - -	1954	McMillan, Raymond, B.E.	- - -	1949
McGrath, Ivimey Stanley, B.D.S.	- - -	1946	McMillan, Stanley Lyall, B.Sc.	- - -	1949
McGrath, James Patrick, B.A.	- - -	1955	B.A.	- - -	1959
McGrath, Kelvin Paul, B.Sc.	- - -	1950	McMutrie, Alan Ian, B.A.	- - -	1935
McGregor, Gordon Thompson, B.A.	- - -	1950	†McMutrie, Ian Hugh, B.Sc.	- - -	1958
McGuire, Anthony, B.A.	- - -	1955	McMutrie, Winifred Joan, B.A.	- - -	1935
Machell, John Edward Lewis, B.Sc.	- - -	1948	McNally, John Neilson, B.Sc.	- - -	1953
Machin, George Herbert, B.E.	- - -	1934	McNamara, Agnes, B.A.	- - -	1937
Machin, Simon, M.B., B.S.	- - -	1952	McNeil, Ian (formerly John), M.B., B.S.	- - -	1918
McHugh, Edward Charles, LL.B.	- - -	1948	McNeil, Philippa Florence, B.A.	- - -	1952
†McInerney, Brian Thomas, B.Tech.	- - -	1959	McNicol, David Williamson, B.A.	- - -	1937
McInerney, Thomas John, B.Sc.	- - -	1949	McNicol, John Howard, B.Sc.	- - -	1953
McInerney, Thomas Taylor, LL.B.	- - -	1939	McPharlin, Alison Tudor, B.A.	- - -	1952
McInnes, Ian Donald, B.D.S.	- - -	1957	McPharlin, Deane, B.Sc.	- - -	1945
McIntosh, Gerald Alexander, M.B., B.S.	- - -	1944	McPheat, Ian William, B.E.	- - -	1957
McIntosh, Howie James, B.E.	- - -	1927	McPheat, Leslie John, B.E.	- - -	1957
Macintosh, Ronald MacKenzie, M.B., B.S.	- - -	1941	†McPhee, Brian, B.Ec.	- - -	1959
Mack, Douglas Urban Gilbert, B.A.	- - -	1940	†McPhee, Wendy Jean, B.A.	- - -	1960
McKail (nee Boyer), Gertrude Mary, B.A.	- - -	1912	McPherson, Alexander Owen, B.Sc.	- - -	1926
Mackail, John William, LL.D. (Edinburgh)	- - -	1923	M.A. (B.A., 1931)	- - -	1933
McKay, Alexander Leslie Gordon, M.A. (Sydney, 1924)	- - -	1924	McPherson, Margaret Helen, B.A.	- - -	1951
McKay, Douglas Gordon, M.B., B.S.	- - -	1927	McPherson, Mary, B.A.	- - -	1947
McKay, Malcolm George, B.A.	- - -	1947	Macpherson, Reginald Murray, B.A.	- - -	1947
McKay, Malcolm William, B.A.	- - -	1936	Macpherson, Shirley Helen, B.A.	- - -	1945
McKay, Margaret Ethel, M.Sc. (B.Sc., 1933)	- - -	1938	McPhie, Jean Elsbeth, B.Sc.	- - -	1945
McKay, Maureen Gordon, B.Sc.	- - -	1949	McPhie, John Milroy, M.D. (M.B., B.S., 1942)	- - -	1957
McKay, Ronald George MacAlpine, M.B., B.S.	- - -	1941	McQuade, Joseph Aloysius, M.B., B.S.	- - -	1956
Mackay, Samuel Angus, B.Sc.	- - -	1921	McQueen, George Hugh, M.B., B.S. (Melbourne)	- - -	1947
McKay, William Alfred, M.A.	- - -	1937	McRobert, Helen Angus, M.B., B.S.	- - -	1949
McKechnie, Alan Francis Clark, B.E.	- - -	1924	MacSkimming, Walt Ronald Auscot, B.A.	- - -	1950
McKechnie, Elizabeth Lawson, B.A.	- - -	1926			

† Not yet Members of the Senate.

McWhae, Douglas Hope, M.B., B.S.	1945	†Marcus, Eva Bessie, Mus.Bac.	1960
Maddeford, Sheila Lamont, LL.B.	1927	Marcus, Irving, M.B., B.S.	1951
Maddern, Cecil Pomeroy, B.D.S.	1951	Mares, Francis Hugh, B.A. (B.Litt., Oxford, 1954)	1958
Maddern, John Pearce, M.B., B.S.	1948	†Marinkovich, Nevin John, M.B., B.S.	1958
Maddern, Martin Randall Foss, B.A.	1937	Marinos, Nicos George, Ph.D.	1958
Maddern, Max Wilfred, B.Sc.	1953	Marker, William Herman, B.E.	1949
M.B., B.S.	1960	Markey, Gregory Barton, M.B., B.S.	1953
Madge, Paul Edward, Ph.D. (M.Ag.Sc., 1953)	1956	Markham, Neville Lawrence, B.Sc.	1952
Madigan, Claire Phyllis, M.Sc. (B.Sc., 1945)	1951	†Marks, Bernadette Joan, B.Sc.	1960
Madigan, David Cecil, B.Sc.	1937	Marks, Monica Mary, B.A.	1956
Madigan, James Francis, B.E.	1952	Marlow, Alfred Dudley Roy, B.Sc.	1938
Madigan, Michael Roebourne, M.B., B.S.	1952	Marmion, Robert James, B.Sc.	1918
B.Sc.	1953	Marriner, Frank Wilfred, B.Sc.	1949
Madigan, Paul Edward, LL.B.	1922	Marrriott, John Edward, B.D.S.	1951
Madigan, Russel Tullie, M.E.	1957	†Marrriott, Valmai Dawn, B.A.	1959
LL.B.	1960	Marsh, Charles William, B.E.	1950
Madison, Thomas Glover, M.B., B.S.	1946	Marsh, John Albert, B.Sc.	1952
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900)	1901	†Marsh, Judith Irene, B.Sc.	1958
D.Sc.	1907	†Marshall, Allan George, B.Tech.	1959
Maegraith, Brian Gilmore, M.B., B.S.	1930	Marshall, Annie, M.Sc. (Melbourne, 1930)	1954
Maelzer, Derek Alan, Ph.D.	1958	Marshall, Herbert Edmund, B.A.	1940
Maerschel, Barbara, B.A.	1951	Marshall, Lyle Gordon, B.E.	1956
Magarey, Alexander Roy, M.B., B.S.	1941	Marshall, Janette Ruth Watson, M.B., B.S.	1953
Magarey, Ashley Henderson, LL.B.	1938	Marshall, Theo John, B.Ag.Sc. (B.Sc. (Agric.) Western Australia, 1929)	1933
M.B., B.S.	1940	M.Ag.Sc.	1933
Magarey, Brian Attwill, LL.B.	1948	Marshman, Ashley Mead, B.A.	1936
Magarey, Frank Rees, M.D. (M.B., B.S., 1935)	1941	Marshman, Wesley Melvyn Tiller, B.D.S.	1924
Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927)	1939	Marston, Colin Frederick, B.E.	1951
Magarey, James Rupert, M.S. (M.B., B.S., 1938)	1951	Marston, Hedley Ralph, D.Sc. (Australian National University, 1957)	1959
Magarey, Katherine Ashley, B.Sc.	1949	Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912)	1913
Magarey, Kathleen de Brett, B.A.	1921	Martin, Alfred Irwin, B.E.	1928
B.Sc.	1932	Martin, Alfred William, B.A.	1950
Magarey, Kevin Barry, B.A.	1950	Martin, Amalia Anna, B.A.	1930
Magarey, Paul Robertson, B.E.	1952	Martin, Arthur Bruce, M.B., B.S.	1956
Magarey, Robert Richmond, M.B., B.S.	1951	Martin, Bernice Wilma, B.A.	1945
Magarey, Rupert Eric, M.B., B.S.	1904	Martin, Beryl Claire, B.A.	1952
Magor, Clifford James, M.A. (B.A., 1927)	1932	Martin, Bruce Ramford, B.Sc.	1957
Magor, Irvine Frank, B.A.	1938	Martin, Bruce Peter, B.E.	1954
Magor, Margaret Elizabeth, B.A.	1955	Martin, Charles Burton, B.A. (Boston, 1948)	1954
Maguire, John Charles, B.A.	1941	Martin, Sir Charles James, D.Sc. (London, 1896)	1931
Maguire, Maurice Glen, M.B., B.S.	1953	Martin, David Elwes, B.E.	1947
†Maher, John George, LL.B.	1958	Martin, David Montgomerie, B.Sc. (Eng.)	1945
Maiden, Leslie Carrington, B.D.S.	1924	Martin, Donald Leslie, B.E.	1956
Main, Arthur Charles, B.E.	1926	Martin, Frederick Clarence, M.A. (B.A., 1927)	1932
Mainstone, John Sydney, Ph.D. (B.Sc., 1954)	1959	Martin, Helene Alice, B.Sc.	1954
Maitland, James Angus, LL.B.	1932	Martin, Ian Holland, M.D. (M.B., B.S., 1942)	1952
Mak, Kai Tye, B.E.	1957	Martin, John Claude, LL.B.	1905
Makin, Frank Humphrey, M.B. (Melbourne, 1901)	1906	Martin, John Gerald, B.E.	1955
Mallan, James Michael, B.D.S.	1927	Martin, Jeanne Mary, B.A.	1953
Mallen, Arthur Lindsay, M.E. (B.E., 1953)	1958	Martin, Keith George, B.Sc.	1952
Mallen, Leonard Ross, M.B., B.S.	1925	†Martin, Leslie James, B.Ec.	1960
Mallyon, Rebecca Oakley Kingsnorth, B.A.	1943	Martin, Lincoln William, M.B., B.S.	1931
†Malone, Bruce Edward Frederick, B.Tech.	1959	Martin, Maurice Leon, B.Sc.	1945
Maloney, Joan, B.A.	1951	B.A.	1954
Maloney, Martin James, B.E.	1928	Martin, Patrick Lawrence, B.D.S.	1954
Maloney, Vernon Thomas Steven, B.Sc.	1929	Martin, Peter Gordon, Ph.D. (B.Sc., 1953)	1957
Mander, Linden Alfred, M.A. (B.A., 1917)	1920	Martin, Ralph Keith, B.A.	1947
Mander, Suzanne Flora, B.Sc.	1949	Martin, Stanley Bamford, M.B., B.S.	1946
Manca, Ernest Cosmo, M.B., B.S.	1949	Martin, Trevor Wallis, B.D.S.	1950
Manca, Spero, M.B., B.S.	1952	Martin, Walter Raymond, B.A.	1938
Manassis, Peter Christopher, M.B., B.S.	1952	Martin, William Thomas, B.A.	1914
Mangan, John Arthur, LL.B.	1957	Marzo, Leo Alfred, M.B., B.S.	1957
†Mann, Airdrie Jean, B.A.	1958	†Maschmedt, Zillah Daisy, M.A. (B.A., 1933)	1947
Mann, Edward Thomas, B.E.	1953	Maslen, Grant Lewis, B.E.	1955
Mann, Gertrude Irene, B.A.	1919	Mason, Bruce, B.Sc.	1938
†Mann, William Eric, M.B., B.S.	1958	†Mason, Edith Kathleen Lillian, B.Sc.	1959
Mannam, John, Ph.D. (Birmingham, 1955)	1960	†Mason, Edward John Thomas, B.Sc.	1960
Mannes, Sylvester Joseph, B.A.	1938	Mason, Robert Claud, B.Sc.	1951
†Manning, Kathleen Anne, M.B., B.S.	1958	†Masters, Bernard Lincoln, B.A.	1959
Manoel, Eva Mary, B.A.	1938	Masters, Ross Lincoln, B.Sc.	1924
Mansbridge, Harold Edgar, M.Sc. (B.Sc., 1949)	1960	Materne, Desmond Eric, B.A.	1956
Mansfield, Eric William, B.E.	1950	Materne, Maurice Ernest, M.B., B.S.	1956
Mansfield, William Walladge, B.Sc.	1943	Materne (nee Kohlhausen), Myra Audrey, B.Sc.	1955
†Manson, James Ian, M.B., B.S.	1958	Mather, Keith Benson, M.Sc. (B.Sc. (Eng.), 1942)	1944
†Manson, Jillian Mary, B.A.	1960	Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1948
Manthorpe, Thomas Dion, M.B., B.S.	1951	Matheson, Pamela, B.Sc.	1949
Manuel, Deane James Hubert, B.Ec.	1950	Matheson, Roderick Grant, LL.B.	1952
B.A.	1959	B.A.	1953
Manuel, James Douglas, B.A.	1944		
†Manuel, Josephine Gertrude Kamala, M.B., B.S.	1960		

† Not yet Members of the Senate.

Matheson, William Edmund, B.Ag.Sc.	1952
Mathews, David Stanley, B.Sc.	1938
B.A.	1940
Mathews, Kenneth Elliott, B.E.	1953
Mathews, Russell Lloyd, B.Ec. (B.Com., Melbourne, 1950)	1953
Mathias, Brian Morgan, B.E.	1952
Mathieson, Marjorie Jean, Ph.D. (Cambridge, 1950)	1954
†Mathison, Murray John, B.Ag.Sc.	1960
Matters, Horace John, B.A.	1950
Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916)	1929
M.S.	1935
Matthew, Evelyn Maime, B.Sc.	1957
Matthew, Ian George, Ph.D. (B.E., 1956) B.Sc.	1960
†Matthews, Brian Wesley, B.Sc.	1959
Matthews, Gladys Mary Palmer, LL.B.	1935
Matthews, Harold Pflaum, B.E.	1927
Matthews, Maurice John, M.B., B.S.	1944
Matthews, Richard Trahair, B.A.	1941
Matthews, Robert Stephen, B.Sc.	1948
Mattingley, Brian John, B.A. (Tasmania, 1937)	1938
†Mattner, Charles Prince, M.B., B.S.	1960
Mattner, Ivy Ida, B.A.	1948
Mattner, Philip Edward, B.Ag.Sc.	1949
Mattner, Richard Hocking, B.E.	1952
Matulich, Ross Noel, LL.B.	1950
†Matz, Leonard Raymond, M.B., B.S.	1958
Mauger, Alan Harris, M.B., B.S.	1955
Mawby, Olga Gates, B.A.	1922
Mawson, Jessica Quita, B.Sc.	1939
Mawson, Patricia Marietje, M.Sc. (B.Sc., 1936)	1938
Maxwell, George Morrison, M.D. (Edin- burgh, 1954)	1960
May, Dorothy Mary, B.A.	1938
May, Geoffrey Ernest, B.Ec.	1957
†May, James Richard, B.E.	1958
†May, John Colwyn, M.B., B.S.	1958
May, John Wilhelm, M.Sc. (B.Sc., 1952)	1956
May, Lancelot Harris, B.Sc.	1949
May, Leonard Seymour, B.Sc.	1926
May, Roland George, Mus.Bac.	1939
†Mayfield, John Maxwell, B.Sc.	1958
†Mayfield, Philip, B.A.	1959
Maynard, Donald Archer Scott, B.Sc.	1938
B.A.	1945
Mayne, Robert John Bruce, M.A. (New Zealand, 1926)	1937
Mayo, Clarice Elton, B.A.	1935
Mayo, George Melrose Elton, Ph.D. (B.Ag.Sc., 1945)	1957
Mayo, Helen Mary, M.D. (M.B., B.S., 1902)	1926
Mayo, Sir Herbert, LL.B.	1909
Mayo, Mary Penelope, M.A.	1937
Mead, Dorothy, B.A.	1927
Mead, John William, B.Ec.	1950
Mead, Marjory, B.A.	1933
Meadows, Arthur Wilkes, Ph.D. (London, 1951)	1955
Meaker, Arthur Reginald, B.A.	1940
Meaney, Maxwell Francis, B.Sc.	1950
Meaney, Neville Kingsley, M.A. (B.A., 1955)	1956
Meadsday, Ellen May, B.A.	1940
Meadsday, Jack William, B.E.	1948
†Medlin, Brian Herbert, B.A.	1959
Medlin, Edwin Harry, Ph.D. (B.Sc., 1949)	1956
Medlow, David, B.Sc. (Eng.)	1944
Medwell, John Gordon, B.A.	1952
Meiers, John Maurus, B.A.	1937
Melbourne, Henry Eoin Sydney, B.E.	1920
Melbourne, John Clifford, B.E.	1952
Melbourne, William Henry John, B.A.	1949
Meldrum, Brian Reginald, M.B., B.S.	1953
Meldrum, Edgar Albert, B.D.S. (Sydney, 1924)	1925
Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge)	1951
Mellor, Geoffrey Lloyd, M.B., B.S.	1947
Mellows, Peter Ernest, M.B., B.S.	1947
Melville, James, Ph.D. (London, 1934)	1956
†Melville, John Howard, LL.B.	1959
Melvin, Geoffrey Ronald, M.B., B.S.	1954
†Melvin, Maxwell Victor, B.A.	1958
Menadue, John Laurence, B.Ec.	1956
Menear, Ira, B.A.	1927
B.Ec.	1955
Menear, Yvonne, M.B., B.S.	1957
Menz, Emmi Margarete, B.A.	1932
Menz, William John, B.Ec.	1948
Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947
Mercer, Donald James, B.E.	1957
Mercer, Edgar Howard, D.Sc. (B.Sc., 1935)	1960
Mercer, Frank Verdun, B.Sc.	1942
†Merchant, David John, Mus.Bac.	1959
Merity, John Patrick, LL.B.	1952
Merrett, James Laurence, B.Sc.	1949
Mertin, Jack Victor, B.Ag.Sc.	1944
Messel, Harry, Ph.D. (National University, Ireland)	1952
†Messenger, Malcolm James, B.E.	1960
Messent, Esther Mary, B.A.	1928
Messent, Keith Santo, B.E.	1920
Messent, Sir Philip Santo, M.S. (M.B., B.S., 1918)	1923
Messent, Philip William Santo, M.B., B.S.	1954
†Mestrov, Thomas John, M.B., B.S.	1959
Meyer, Heinrich Carl, B.Sc.	1932
Meyer, Richard Leo, B.A.	1953
Michael, James Henry, Ph.D. (B.Sc., 1951; M.Sc., 1953)	1957
Michael, Maxwell Roy, B.E.	1951
Michael, Peter William, Ph.D. (B.Ag.Sc., 1951)	1959
Michell, Charles Francis, M.B., B.S.	1921
†Michell, Meredith June, B.A.	1958
Michell, Mignon Norma Howard, B.A.	1944
Michelmore, Walter Maxfield, B.Sc.	1941
†Mickan, Bruce Valentine, B.Ec.	1959
Mickan, Erwin Laurence, B.Sc.	1956
Mickan, John Herbert, M.B., B.S.	1952
Middleton, Melville John William, B.A.	1941
Middleton, William Thomas Steele, B.Sc.	1947
Mierisch, Robert Johnston, M.E. (B.E., 1954)	1957
Miethke, Adelaide Laetitia, B.A.	1924
Mikuzis, Jonas, M.B., B.S.	1954
Milazzo, Clare Cecelia, B.A.	1952
Milazzo, Stephen Charles, M.B., B.S.	1949
Mildren, Mary Louise, B.A.	1955
†Mildren, Michael John, B.E.	1959
†Milencewicz, Witalius, M.B., B.S.	1959
Miles, John Arthur Reginald, M.D. (Cam- bridge, 1951)	1953
Miles, Peter Wallace, Ph.D. (Cambridge, 1957)	1959
Miles, Perry Ambrose, M.Sc. (B.Sc., 1949)	1951
Milesi, Angelo John, B.Sc.	1927
Mill, James Crowe Davidson, M.B., B.S.	1953
Millard, Colin, B.Ec.	1950
Miller, Annie Rose, B.A.	1934
Miller, Beryl Jessica, B.A. (Tasmania, 1923)	1924
†Miller, Ian Charles, M.B., B.S.	1958
Miller, Ian Lindemann, M.B., B.S.	1938
†Miller, James William Haigh, B.Ec.	1960
Miller, John Keutley, M.B., B.S.	1955
Miller, John Milton, M.B., B.S.	1957
Miller, Joseph Brendan, B.E.	1951
Miller, Justin Herbert, M.B., B.S.	1954
Miller, Leslie Gordon, M.B., B.S.	1949
Miller, Malcolm William, M.B., B.S.	1932
Miller, Margaret Una, B.A.	1928
Miller, Peter Geoffrey, B.Sc.	1952
Miller, Raymond Orlando Maurice, B.A.	1905
Miller, Robert Lionel, B.Sc.	1942
M.B., B.S.	1947
†Miller, Thomas William, B.Tech.	1960
Miller, Victor John, B.E.	1952
Millerd, Alison Adele, Ph.D. (Sydney, 1953)	1959
†Millhouse, Grace Mary, LL.B.	1960
Millhouse, Glenn, B.D.S.	1948
Millhouse, Robin Rhodes, LL.B.	1951
Millhouse, Vivian Rhodes, LL.B.	1939
Milligan, Brian, Ph.D. (B.Sc., 1952)	1956
Millington, Richard James, Ph.D. (M.Sc., Sydney, 1951)	1958
Mills, Barbara Joyce, B.A.	1938
Mills, Bessie Heather, B.A.	1952
Mills, Dorothy Nell, B.A.	1928
Mills, Eric Baxter, B.E.	1929
Mills, John Archer, M.Sc. (B.Sc., 1938)	1944
Mills, John Brabyn, B.Sc.	1936
Mills, John Murray, B.A.	1952

† Not yet Members of the Senate.

Mills, John Scott, B.E.	1955	†Moore, Phillip James, LL.B.	1960
†Mills, Kingsley John, B.Sc.	1959	Moore, Phyllis Mary, B.A.	1909
Milne, Annie Johnson, B.A.	1936	Moore, Robert Brian, B.Sc.	1950
Milne, Kenneth Harvey, B.E.	1925	Moore, Robert Clifton, B.A.	1956
Milne, Kevin Fowler, M.B., B.S.	1951	Moore, Robert Waters, B.Ag.Sc.	1957
†Milner, Bryan John, B.Sc.	1959	†Moores, John Robert, B.Sc.	1960
Milner, Desmond Walter, B.E.	1936	Morad, Ahmad Bin, M.B., B.S.	1954
Milton, Bernard Eric, M.Sc. (B.Sc., 1954)	1959	Moran, Francis Brian, LL.B.	1948
Milton, Gerald White, M.B., B.S.	1947	Moran, John Francis, B.D.S.	1941
†Milton, Henry Richard, B.E.	1958	Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Minihan, Agnes Cecelia, M.A. (B.A., 1927)	1933	Morcom, Ross George, B.E.	1955
Minson, Charles Stanley, B.Ec.	1939	More, William St. Barbe, B.Sc. (Western Australia, 1922)	1947
†Miocevich, Leonard Stephen James, M.B., B.S.	1958	Moreland, Jack, M.B., B.S.	1926
Miraglia, Carlotta, Rosina, B.A.	1953	Morey, Burnard Spondley, B.Sc.	1950
Misson, Patrick William, M.B., B.S.	1956	Morey, Geoffrey Wilson, M.B., B.S.	1926
Mitchell, Albert Leonard, B.A.	1956	Morgan, David Archibald Stevenson, M.B., B.S.	1943
Mitchell, Betty Dawn, B.A.	1947	Morgan, Edward James Ranembe, LL.B.	1920
Mitchell, Donald Thomas, B.E.	1930	Morgan, Eric Desmond, B.D.S.	1948
Mitchell, Frank Wyndham, B.Sc.	1927	Morgan, Furness David, Ph.D. (California, 1956)	1959
B.A.	1933	†Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1953
M.A. (Ph.D., London, 1937)	1943	Morgan, Lloyd Kenneth, M.B., B.S.	1952
Mitchell, Geoffrey George, M.Sc. (B.Sc., 1947)	1951	Morgan, Owen Brakspear, M.B., B.S.	1952
Mitchell, George Thomas Jeffrey, M.A., (B.A., 1924)	1932	Morgan, Olwen Esther, B.A.	1930
Mitchell, Helen Margaret, B.Sc.	1952	Morgan, William Matheson, B.E.	1930
†Mitchell, Ian Vaughan, B.Sc.	1959	Moritz, Alan Gilbert, B.Sc.	1957
Mitchell, John Turnbull, B.Ec.	1953	Morlet, Geoffrey Claude, M.B., B.S.	1955
Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	†Morley, Donald Norman, B.Sc.	1960
Mitchell, Sir Mark Ledingham, B.Sc.	1923	Morphett, Anthony Eddy, B.Sc.	1950
Mitchell, Noel John, M.B., B.S.	1956	†Morphett, Ian Rivers, B.Tech.	1960
Mitchell, Percival Harris, B.A.	1906	Morphett, John Neville, B.A.	1955
†Mitchell, Peter, B.Sc.	1959	†Morphett, John Wallace, B.E.	1958
†Mitchell, Robert John, B.Sc.	1960	Morris, David Franklin, B.Sc.	1955
Mitchell, Roma Flinders, LL.B.	1934	Morris, Hildred Ione, B.A.	1929
Mitchell, Terrence John, B.A.	1957	Morris, John Lennox, B.A.	1949
Mitchell, Thomas Oliver, B.Ag.Sc.	1933	Morris, Kerwin William, B.Sc.	1949
Mitchell, Sir William, M.A. (Edinburgh, 1886)	1895	Morris, Lenore, B.Sc.	1950
Mitchell, William Robert, B.E.	1950	Morris, Lyndall Erica, B.A.	1924
Mitchell, William Russell, B.E.	1948	Morris, Mervyn Charles, LL.B.	1923
Mitchell, Zonne Marion, B.A.	1956	†Morris, Neville Johnston, M.B., B.S.	1959
Mitt, Hugo, B.E.	1955	Morris, Norval Ramsden, LL.M. (Melbourne, 1948)	1959
Mitton, Jennifer Jean, B.A.	1956	†Morrison, Ian Bruce, B.E.	1958
Mitton, Ronald Gladstone, M.Sc. (B.Sc., 1926)	1928	†Morrison, John Colin, B.A.	1959
Mizon, Errol Alfred, B.Sc.	1948	Morris, Elsie, M.A. (B.A., 1928)	1931
Moffat, Dorothy Joan, B.A.	1944	Mortimer, Isabel Inkster, M.B., B.S.	1955
Moffat, May Josephine, M.B., B.S.	1911	Mortimer, Peter Inkster, M.Sc. (B.Sc., 1943)	1957
Moffatt, Betty Josephine Margaret Douglas, B.A.	1946	Morton, Christopher Gordon, B.E.	1924
LL.B.	1947	Morton, Donald James, B.Sc.	1956
Moffatt, Cathie Douglas, M.B., B.S.	1953	Morton, Robert Kerford, Ph.D. (Cambridge, 1952)	1959
Moffatt, Graeme Gilbert, M.Ec. (B.Ec., 1957)	1960	Moss, Colin Lance, B.A.	1939
Moffatt, Jeannie May Douglas, M.B., B.S.	1953	Moss, Rodney Clare, M.B., B.S.	1954
Moffitt, Richard Barry, B.E.	1952	Moten, Brian Leslie, B.E.	1953
Mofflin, Lionel Hugh, M.B., B.S.	1948	Moten, John Michael, B.Sc.	1955
Mohr, Robert Finny, LL.B.	1953	Moten, Kathleen Margaret, M.B., B.S.	1957
Molineux, Marion Ruth, B.A.	1954	Motteram, Philip, B.E.	1914
Molineux, Ronald Eugene, B.E.	1947	Motteram, Reginald, B.Sc.	1934
†Moller, William John, B.Ag.Sc.	1959	M.B., B.S.	1939
Molloy, Raymond Brian, B.A.	1950	Moulden, Arnold Meredith, LL.B.	1914
Moncrieff, Josephine Hartley, B.A.	1911	Moulden, Barbara Meredith, B.A.	1957
Moncrieff, Mary Kathleen, B.A.	1910	Moulden, John Owen, LL.B.	1938
Moncrieff, Rostrevor Brooke, M.B., B.S.	1952	Moulden, Owen Meredith, M.B., B.S.	1910
Monfries, John William Elliott, B.D.S.	1924	Mounster, Valerie Luella, B.A.	1928
Mongan, Horace John, B.E.	1918	†Mount, Anthony Blair, B.Sc.	1958
Monro, John Malcolm, Ph.D.	1959	Mount, Jonathan, B.E.	1955
Montgomery, Albert, M.B., B.S.	1955	Movius (nee Champion de Crespigny), Nancy, B.A. (Melbourne, 1934)	1934
Moodie, Colin Troup, LL.B.	1934	Moyes, John Stoward, M.A. (B.A., 1905)	1907
Moodie, Robert Beresford, LL.B.	1931	Moyes, Morton Henry, B.Sc.	1910
†Moorcroft, Edward, B.Sc.	1959	Moyle, Francis James, B.Sc.	1950
Moore, Alan Walter, B.Ag.Sc.	1948	Moyle, Sidney, M.A. (B.A., 1914)	1917
Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921)	1926	B.Sc.	1926
Moore, Cecily Anne, B.A.	1954	Moyses, Bertram Ivey, B.E.	1937
†Moore, Colin Eugene, M.B., B.S.	1959	Mudge, Margaret, B.A.	1953
Moore, Donald Rex, B.Sc.	1922	Mudie, George Dempster, B.E.	1921
Moore, George Douglas, B.Sc.	1904	†Muecke, David Sunter, M.B., B.S.	1958
Moore, Harold Robinson, M.B., B.S.	1945	Muecke, Douglas Colin, B.A.	1948
Moore, Humphrey Owen, B.Sc.	1932	Muecke, Francis Frederick, M.B., B.S.	1902
Moore, John Lewis, M.B., B.S.	1957	Muecke, Ian Donald, B.A.	1955
Moore, Kevin Reading, B.D.S.	1951	†Muecke, Peter Sunter, B.Sc.	1959
†Moore, Kevin Terance, B.Tech.	1960	Mueller, Dorothy Concordia, B.A.	1953
Moore, Max Clifford, M.B., B.S.	1946	Mueller, Edwin Albert, B.A.	1939
Moore, Murray Ira, B.E.	1956	Mueller, Malcolm Dudley, B.E.	1950

† Not yet Members of the Senate.

Mueller, Merna Alma, M.B., B.S.	1950	Nancarrow, Malcolm Ewart, M.B., B.S.	1946
Mueller, Rae Vernon, B.Sc.	1944	Nankivell, Joseph Frank, B.Sc.	1945
Muetzelfeldt, Dorothea, B.A.	1951	Nankivell, Maxine Vera, B.A.	1945
Muetzelfeldt, Elfriede Elise, M.A. (B.A., 1937)	1950	Nankivell, Shirley Dawn, M.B., B.S.	1953
Mugford, Frank Kenneth, M.B., B.S.	1925	Nankivell, William Field, B.Ag.Sc.	1950
Mugford, Keith, M.B., B.S.	1957	Napier, Bruce, B.D.S.	1949
Mugford, Lancelot Suckling, B.A.	1945	Napier, Ian Murray, M.Sc. (B.Sc., 1957)	1960
Mugford, Rex Ernest, B.A.	1944	Napier, Sir Thomas John Mellis, LL.D. (LL.B., 1902)	1959
Muhammad, Abdul Mumim Hassan, B.Ag.Sc.	1952	†Nash, Leslie Malcolm, B.Tech.	1959
Muirden, Elizabeth Alice, B.A.	1950	†Nash, Philip Llewellyn, M.B., B.S.	1958
Muirden, Hector Raymond, B.A.	1930	Nath, Jagdishwar, M.Ag.Sc.	1959
Muirhead, Andrew Mackinnon, B.D.S.	1950	Naughtin, Patrick Chanel, M.A. (B.A., 1949)	1956
Muirhead, David Robb, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1950	†Nayda, Mervin Lawrence, B.Tech.	1958
Muirhead, James Henry, LL.B.	1950	Naylor, John Colenso, LL.B.	1923
Muirhead, Leonard Graeme, M.B., B.S.	1911	Naylor, Margaret Mary Jessie Darnley, B.A.	1920
Muirhead, Mortimer John Croft, M.B., B.S.	1949	Naylor, Rupert Leslie, M.B., B.S.	1924
Muizulis, Voldemars, B.E.	1951	Neal, Laurie Frederick, B.A. (London, 1935)	1960
Mules, Betty Lavina, B.A.	1945	Neale, Arthur, M.B., B.S.	1952
†Muljadi, Djojomartono, B.Ag.Sc.	1960	Neale, Nancy Gwennyth, M.Sc. (B.Sc., 1942)	1945
Mullen, Brian Anthony, LL.B.	1935	Neale, Shirley Margaret, B.Sc.	1946
Muller, Peter Neil, B.E.	1949	Neck, Maurice Allan, B.E.	1950
Mullins, Francis Joseph, B.E.	1956	Neely, Mary Boyd Woodburn, B.A.	1953
†Mullins, Margaret Anne, Mus.Bac.	1959	Neely, Mervyn George, M.B., B.S.	1957
†Mulvihill, Edward John, B.A.	1958	Neighbour, Keith, B.E.	1952
Mullner, Judith Anne, B.Sc.	1953	Nelligan, Joseph William, LL.B.	1921
Mumme, Ivan Albert, B.Sc.	1949	Nelson, Archibald John Alexander, B.A.	1938
Mumme, William Gustav, M.Sc. (B.Sc., 1956)	1959	Nelson, Cynthia, B.A.	1945
Munday, Geoffrey John, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Nelson, James Angus, B.E.	1949
Munday, Malcolm Joseph, B.D.S.	1953	†Nelson, Peter John, B.Sc.	1960
Munday, Neill Horace, M.B., B.S.	1924	Nelson, William Barton, B.E.	1924
Munday, Robert Neill, M.B., B.S.	1955	Nenke, Robert Leonard, B.E.	1955
Mundy, Kevin Arnold, B.A.	1936	Nerlich, Graham Charles, M.A. (B.A., 1955)	1957
Mune, Marie Elizabeth, B.A.	1953	Nettle, Richard William, B.E.	1941
Munn, Bertha Helen Temple, B.A.	1917	†Nettle, Robert James, M.B., B.S.	1958
Munn, Sydney Morris, B.A.	1940	†Nettlebeck, Colin William, B.A.	1960
Munro, Barbara Joan, B.A.	1951	†Nettlebeck, David Clive, B.A.	1960
Munro, Ian Alexander, B.Sc.	1949	Neuling, Herman James, B.E.	1937
Murchland, John Byrne, M.B., B.S.	1954	Neuenkirchen, George Murray, B.E.	1947
Murdoch, Bronwen, B.A.	1950	Neuenkirchen, John Basil, B.E.	1953
Murdoch, Robert Bruce, B.E.	1957	Neville, Margaret Elisabeth Susan, Ph.D. (Leeds, 1956)	1959
Murn, Vincent Alan, B.E.	1941	Newbery, Maxwell Charles, B.E.	1954
Murphy, Evangeline, B.A.	1907	Newland, Ben Totham Jervois, M.B., B.S.	1952
Murphy, Margaret Jane, B.A.	1947	Newland, Sir Henry Simpson, M.S. (M.B., B.S., 1896)	1902
Murphy, Marjorie Rose, B.A.	1956	Newland, Malcolm Creswell, M.B., B.S.	1938
Murphy, Mary, B.A.	1933	Newland, Nancy Benning, LL.B.	1937
Murphy, Peter Raymond, B.Sc. (Eng.)	1943	Newman, Bernard William, B.Sc.	1934
Murphy (nee Glynn), Shylie Patricia, B.A.	1942	Newman, Edgar Harold, LL.B.	1894
Murphy, Thomas Roy, M.Sc.	1957	Newman, Jeffrey Howard, B.E.	1957
Murphy, William Hugh, B.Sc.	1955	Newman, Kenneth Fisher, B.Ec.	1936
Murray, Donald Bruce Seymour, M.B., B.S.	1953	B.A.	1940
Murray, Eric Lionel, B.Sc.	1953	Newman, Lewis Arthur, B.Sc.	1925
Murray, Gordon Seymour, M.B., B.S.	1944	Newman, Ralph Frederic, LL.B.	1945
†Murray, Ian James Douglas, B.E.	1960	Newnham, William Arthur, M.B., B.S.	1946
†Murray, Ian Peter, B.Sc.	1959	Ng, Andrew Lian Timm, B.A.	1954
Murray, John Dunmore, B.E.	1953	†Ng, Boon Keng, M.B., B.S.	1960
†Murray, John McKenzie, B.Tech.	1958	Nichol, Lawrence Walter, B.Sc.	1956
Murray, Noel William, B.E.	1950	Nicholas, Herbert Ahearn, B.D.S.	1950
Murray, Philomena Mary, B.A.	1934	†Nicholas, Ian James, B.E.	1959
Murrell, Helen Calvert, B.Sc.	1949	Nicholas, Rowland John, B.A.	1943
M.B., B.S.	1955	Nicholls, Barbara Ruru, B.A.	1941
†Murrell, Timothy George Calvert, M.B., B.S.	1959	Nicholls, Colin Herbert, B.Sc.	1949
Musman, Roma Josephine, B.A.	1943	Nicholls, Donald Alfred, M.B., B.S.	1945
Mussared, Peter Llewellyn, B.E.	1955	Nicholls, Edward Maxwell, M.B., B.S.	1949
Mutton, Henry Edwin Howard, M.A. (B.A., 1918)	1922	Nicholls, Eric Pascoe, M.B., B.S.	1956
Mutton, Howard James Charles, B.A.	1954	Nicholls, Henry, B.E.	1938
Mutze, George Friedrich, M.B., B.S.	1952	Nicholls, Jack Montague, M.B., B.S.	1946
Mychalyszyn, Jaroslav, B.E.	1956	Nicholls, James Herschel, M.B., B.S.	1942
Myers, Arthur Mervyn, M.B., B.S.	1933	Nicholls, Jonathan Kingsley, B.A.	1924
Myhill, Reuben John, B.D.S.	1948	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
		Nicholls, Trevor Thomas, M.B., B.S.	1957
		†Nicholls, Valwynne Arthur, M.B., B.S.	1959
		†Nichols, Graham Philip, B.Tech.	1960
		Nichols, Ian Andrew, B.A.	1953
		LL.B.	1953
		Nichols, Reginald Clarence, B.Sc.	1945
		†Nichols, Terence Ivan, B.Sc.	1960
		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
		Nickolai, Max Ronald, B.Sc.	1952
		Nickolls, Peters Michael, LL.B.	1953

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†Nicholson, Alexander John, B.Ag.Sc.	1960	O'Connor, Deirdre Catherine, B.A.	1950
Nicolson, Andrew David, B.Ag.Sc.	1954	O'Connor, Denise Christobel, B.A.	1947
Nicolson, Murray Thomas, B.Sc.	1945	O'Connor, Diana Jean, M.B., B.S.	1949
Nield, Alexander Cowell, M.B., B.S.	1956	O'Connor, John Desmond, M.B., B.S.	1952
Nienaber, Blair, B.E.	1953	O'Connor, Maxwell James, B.Sc.	1957
Nietz, Arno Oscar, B.A.	1951	O'Connor, Peter Joseph, B.A.	1951
Nietz, Herbert Walter, M.A. (B.A., 1913)	1918	O'Connor, Playford D'Arcy, M.B., B.S.	1938
B.Sc.	1921	O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932)	1939
Nietz, Ian Arno, B.E.	1954	O'Connor, Reginald William, LL.B.	1953
Nilsson, Carl Sigurd, B.Sc.	1956	B.A.	1956
Nilsson, Neil Alfred, Ph.D. (M.A., 1955; B.A., 1951)	1959	O'Connor, Walter John, M.D. (M.B., B.S., 1934)	1938
Nilsson, Reginald Hakan, B.Ec.	1944	O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Ninnes, Alan Herbert, B.Sc.	1957	O'Dea, Kathleen Mary, M.B., B.S.	1948
Ninnes, Arthur Reginald, B.A.	1943	Odium, Leonard Ralph, B.Sc.	1937
Ninnes, Patricia O'Moore, B.A.	1957	Odium, Reginald Lance, LL.B.	1937
Nitschke, John Edwin, B.E.	1949	Odium, Vernon James, M.B., B.S.	1939
Nixon, Valerie Colinette, B.A.	1957	O'Donnell, Elizabeth Anne, LL.B.	1954
Noack, Charles Hugh, M.B., B.S.	1941	O'Donnell, Margaret Helena, B.Sc.	1954
†Noack, Peter John, B.Tech.	1958	O'Donoghue, Kenneth Kilian, M.A. (B.A., 1947)	1951
Noall (nee Piercy), Olive Edriss, B.A.	1935	O'Donoghue, Stephen Kevin, B.A.	1912
Nobbs, Jack McKay, M.Sc. (B.Sc., 1944)	1951	O'Donoghue, Raymond Francis, B.Ec.	1951
Nobbs, William David, LL.B.	1949	O'Driscoll, Eugene Patrick, M.Sc. (B.E., Western Australia, 1939)	1960
Nobes, Edith Dorothy, B.Sc.	1921	†Ofler, Robin, B.Sc.	1960
Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948	†O'Grady, Helen Patricia, B.A.	1959
†Noble, Elaine Kay, B.Sc.	1958	†O'Grady, Kevin John, M.B., B.S.	1958
†Noble, Geoffrey Robert, LL.B.	1958	†O'Grady, Maureen Therese, B.Sc.	1957
Noble, George Grant, LL.B.	1937	Offord, Thomas Frank, B.Sc.	1951
Noblett, David John, B.E.	1950	Ogilvie, Keith Ross, B.E.	1956
Noblett, Hedley Lindsay, B.A.	1926	†Oh, Kong Yew, B.E.	1959
Noblett, Max Hadden, B.A.	1957	O'Halloran, Michael William, M.Sc. (B.Sc., 1954)	1957
Nogare, Ronald Raphael Dalle, B.Sc.	1953	O'Hara, Brian Isidro, M.B., B.S.	1950
Nolte, Bryan Trevor, B.E.	1957	O'Keefe, John, LL.B.	1957
Noltenius, Harry Edward, B.A.	1902	Ohlstrom, Leonore Annie, B.A.	1929
Noon, David Lyon, B.A.	1952	†Olden, John Albany Niquet, M.B., B.S.	1958
Noonan, John William, B.A.	1952	Oldfield, Frederick Bernam, B.Sc.	1923
Noonan, Patrick Robert, B.Ec.	1957	Oldfield, Neil, M.B., B.S.	1940
Nordin, Alfred Walter, B.E.	1957	Oldham, Brenda Helen, B.A.	1941
Norgard, John Davey, B.E.	1937	Oldham, Marjory (nee Anderson), B.A.	1915
Norman, Albert Edward, B.A.	1948	Oldham, Wilfrid Hugh, B.E.	1948
Norman, Arthur Edward, B.Sc.	1949	†Oldman, Bruce Phillips, B.Ec.	1960
B.A.	1955	O'Leary, Patrick Damian, B.D.S.	1951
Norman, Harold Ashley, LL.B.	1947	†Olijnyk, Nikolas, B.Sc.	1960
Norman, William Gowan, M.B., B.S.	1938	†Oliphant, Hurtle Garth, B.Tech.	1959
Norrie, Douglas Hector, B.E. (New Zealand, 1952)	1957	Oliphant, Sir Marcus Lawrence Elwin, B.Sc.	1923
Norris, Allan Mervyn, B.A.	1956	†Oliphant, Michael John, B.Sc.	1958
North, Rita Bridget Rice, LL.B.	1945	Oliver, Archibald Robert, M.E. (B.E., 1941)	1952
North, William Ian, M.B., B.S.	1939	Oliver, Robert Wallace, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1945
†Northcote, Geoffrey Graham, B.E.	1959	Oliver, Robin Langford, Ph.D. (Cambridge, 1954)	1959
Northey, Helen Louise, B.Sc.	1953	Ollino, Richard, B.Sc.	1957
Northey, James Douglas, B.A.	1919	†Olliver, Jeffrey Graham, B.Sc.	1960
Northmore, Sir John Alfred, LL.B.	1887	O'Loughlin, Kevin Thomas, LL.B.	1949
Norton, Margaret, M.A. (Chicago, 1955)	1958	B.A.	1956
Nott, Harry Carew, M.B., B.S.	1913	O'Loughlin, Maurice Francis, LL.B.	1956
Nottle, Geoffrey Edward, B.A.	1956	Olsen, Paul Engberg, B.E.	1941
†Novotny, Jaroslav, B.Sc.	1960	Olssen, Edwin Alexander, M.A. (B.A., 1937)	1947
Nugent, Naomi Mary, B.Sc.	1954	Olsson, Athol Julius, LL.B.	1920
†Nunan, Douglas Stephen, B.A.	1960	Olsson, Graham Douglas, LL.B.	1956
Nunn, George Marshall, M.B., B.S.	1951	Olsson, Leslie Trevor, LL.B.	1954
Nunn, Kevin Joseph, B.Sc.	1942	O'Malley, Charles Ernest Denis, B.E.	1932
O		O'Malley, John Edwin, B.A.	1945
Oakeshott (nee Scrutton), Patricia Margaret, B.A.	1951	Omond, D'Arcy James, B.E.	1949
Oaten, Harold Richard Hugh Noel, M.B., B.S.	1935	O'Neil, Cornelius Patrick, B.A.	1949
Oats, William Nicolle, B.A.	1932	O'Neill, Marguerite, B.A.	1949
Oborn, Benjamin Watson, B.E.	1956	O'Neill, Sydney, M.B., B.S.	1917
†Oborn, Elizabeth-Anne Watson, B.A.	1959	Ophel, Trevor Richard, B.Sc.	1955
O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Opie, Alan James, B.E.	1953
O'Brien, Francis John Romuald, B.A.	1951	Opie, Brian Preston, B.E.	1949
O'Brien, Hartley Eric, B.A.	1939	Opie, Peter Bruce, M.B., B.S.	1956
B.Ec.	1954	†Opie, Roderick Preston, B.A.	1959
O'Brien, John Alexander, M.B., B.S.	1947	Opie, Roger Gilbert, M.A. (B.A., 1949)	1951
O'Brien, John Aloysius, B.Ec.	1951	Opie, Thomas Schulz, B.A.	1923
O'Brien, Maurice Aloysius, B.A.	1945	Opit, Julius Marcus, B.Sc.	1955
O'Brien, Ross Pagden, B.E.	1949	Opit, Louis Jonah, M.B., B.S.	1949
O'Callaghan, Desmond Joseph, B.Sc.	1949	Oram, Rex Neville, Ph.D. (B.Ag.Sc., 1953)	1960
O'Callaghan, Miah Patrick, LL.B.	1937	†Orchard, Barbara Winifred, M.B., B.S.	1959
O'Callaghan, Peter John, B.D.S.	1952	Orchard, Donald Ralph, B.E.	1956
Oekenden, Ralph David, B.D.S.	1948	Osborn, Peter William, B.Sc.	1949
Oekenden, Robert Hartley, B.Ec.	1951	Osborn, Rowen Frederic, B.A.	1947
Oekendon, Garth Palmer, B.A.	1950	Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manchester, 1911)	1912
O'Connell, Brian John, B.Sc.	1952		
O'Connell, Daniel Patrick, Ph.D. (Cambridge, 1951)	1953		

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Osborn, Thomas Raymond, B.Sc.	1942	Parkin, Dorothy Joan, B.A.	1936
†Osborne, Dennis James, B.Ec.	1959	Parkin, Leslie Wedgwood, M.Sc. (B.Sc., 1938)	1949
Osborne-White, Douglas Arthur, B.E.	1952	Parkinson, Kevin John, B.Sc.	1949
Osborne-White, William Sidney, B.Sc.	1956	†Parks, Veronica June, M.B., B.S.	1958
Osman, Boris, B.E.	1940	Parr, Stanley Robert, B.Ec.	1957
Osman, Neile, M.A. (B.A., 1942)	1945	†Parrott, Charles Philip, B.Tech.	1958
Osmond, Phyllis Dawn, B.A.	1949	Parry, Doris, B.A.	1931
O'Sullivan, James David, LL.B.	1949	Parsons, Albert Christian, B.E.	1950
O'Sullivan, John Joseph, B.A.	1953	Parsons, Barbara, B.A.	1949
†Oswald, Peter James, B.Tech.	1958	†Parsons, Colin, B.A.	1958
Othams, Dorothy Elizabeth, B.A.	1925	Parsons, Geoffrey Bonython Angus, M.A. (Cambridge, 1932)	1935
Othams, Herbert Reginald, B.A.	1937	Parsons, Harold Stephen, Mus.Bac.	1912
Otto, Lance Martin, B.E.	1954	†Parsons, Ian Ross McKenzie, B.Med.Sc.	1958
Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	Parsons, Peter Angus, B.Ag.Sc.	1955
†Owen, Donald Keith, B.Tech.	1960	Parsons, Philip Brendon Angus, LL.B.	1928
Owen, Evan Thomas, M.B., B.S.	1956	Parsons, Ralph Whaddon, B.E.	1948
Owen, Gwenyth Winsome, B.A.	1941	Parsons, Rex Whaddon, M.E. (B.E., 1915)	1926
Owen, Indra Joshua, B.Ec.	1956	Parsons, Ronald Lewis, B.E.	1942
Owens, Arthur John, B.Sc.	1926	Parsons, William Ross, B.A.	1948
P			
†Pacevicius, Stase, B.D.S.	1959	Parton, Arthur Leigh, M.B., B.S.	1944
Packer, Arthur Dudley, M.Sc. (B.Sc., 1939)	1951	†Partridge, Judith Lois Mary, B.A.	1958
M.D. (M.B., B.S., 1942)	1951	Partridge, Wilfrid Gordon McDonald, M.A. (B.A., 1938)	1947
Packer, John Stuart, B.E.	1953	Pascoe, Douglas Everett, B.Ec.	1948
†Packer (nee Kay), Lorimer Judith, B.D.S.	1959	†Pascoe, Jeremy Lawrence, B.E.	1960
Packer, Mina, B.D.S.	1933	Pascoe, Pauline Ina, M.B., B.S.	1955
†Paddick, Anthony William, B.Sc.	1960	Pash, Hannah June, M.B., B.S.	1946
†Padget, Terry Maxwell, B.Tech.	1958	Pash, Hannah Rita, B.A.	1930
Padman, Clara Helen, B.A.	1904	Pash, Jeffrie Herbert, B.A.	1938
Padman, Mabel Margaret, B.A.	1941	Pash, Spencer, M.Sc. (B.Sc., 1943)	1952
Padman, Marsden Waterhouse, B.E.	1923	Patching, Desmond William John, M.B., B.S.	1956
Padman, Maurice Skipsy, B.E.	1931	Pater, Graham Stephen, B.D.S.	1951
Padman, William Donald, LL.B.	1933	Paterson, Alexandra Jean, B.Sc.	1949
Paech, Bernice Mary, B.A.	1950	Paterson, Alfred Harold, B.A.	1937
†Paech, Helen Joan, B.A.	1959	Paterson, Dennis Craig, M.B., B.S.	1954
Paech, John Adolph, B.A.	1942	Paterson, John Levett, B.E.	1950
Page, Albert Edward, B.A.	1914	Paterson, Keith McGregor, B.E.	1932
Page, Dean Campbell, LL.B.	1954	Paterson, Mervyn Silas, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1945
Page, Eleanor Florence, B.A.	1940	†Paterson, Robert George, B.A.	1958
Page, Geoffrey Wilton, B.D.S.	1940	Paterson, Ross, B.Sc.	1953
Page, Gertrude Erica, B.Sc.	1945	Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered)	1915
Page, Leland Ivor, M.B., B.S.	1952	Paton, Alfred Maurice, B.Sc.	1898
Page, Maurice Roy, B.E.	1950	Paton, Margaret Anne, B.A.	1954
Page, Ronne Earle, B.A.	1949	Paton, Robert, M.B., B.S.	1951
Pahl, Paul David, B.A. (N.Z., 1941)	1943	Patrick, Elsie Furneaux, Mus.Bac.	1925
Paholski, Francis Edmond, B.E.	1953	†Patterson, John Howard, B.Sc.	1958
Paice, William Osborne, B.A.	1953	Patterson, Keith Raymond, LL.B.	1937
Pain, Roy Willoughby, M.B., B.S.	1957	Patterson, William Friedrich, B.E.	1934
Paine, Helen, B.A.	1938	Pattinson, Baden Powell, LL.B.	1921
Paine, Sir Herbert Kingsley, LL.B.	1904	Paul, Kevin Carroll, B.Sc.	1935
Paine, Janet, B.A.	1944	Paul, Alec Gordon, B.Sc.	1920
Painter, Mary Galloway, Mus.Bac.	1952	M.A. (B.A., 1926)	1932
Painter, Rowland George, B.A.	1934	Paull, Colin Gordon, M.B., B.S.	1953
M.B., B.S.	1947	Paull, Torrance Arnold, M.B., B.S.	1947
Pak Poy, Patricia Geraldine, B.A.	1956	Pavia, Roy Rowling, B.A.	1913
Pak Poy, Reginald Kenneth Felix, M.D. (M.B., B.S., 1955)	1960	Pavillard, Robin Eugene, M.B., B.S. (London, 1957)	1960
Paleg, Leslie Godell, Ph.D. (Iowa, 1955)	1959	Pavy (nee Proud), Emily Dorothea, B.A.	1906
Palm, Duncan Louis, B.E.	1952	Pavy, Harold Keith, M.B., B.S.	1919
Palmer, Ernest William, LL.B.	1939	Pavy, Ian Gordon, M.B., B.S.	1943
Palmer, Raymond Amos, B.E.	1953	Pavy, John Keith, M.B., B.S.	1952
Palmer, Robert Hale, B.E.	1953	Pavy, Rosemary Dorothea, M.B., B.S.	1948
†Palmer, Thomas Robert, B.E.	1958	Pawsey, David Christian, B.E. (B.E.E., Melbourne, 1947)	1954
Paltridge, Angus Lindsay, B.Ec.	1951	Payne, George Basil, B.A.	1935
†Paltridge, Richard Lee, B.Sc.	1959	Payne, Louise Mary Gwvthy, B.A.	1914
Paltridge, Richard Noel, B.Sc.	1947	Paynter, Norman Catchlove, B.A.	1937
Paltridge, Terence Brady, B.Sc.	1926	Peake, Noel Horace, M.B., B.S.	1954
Panabokke, Christopher Rajendra, Ph.D.	1957	Pearce, Alfred Moreton, B.A.	1951
†Panikkar, Radhakrishnan Narayana, M.B., B.S.	1959	Pearce, Charles Clifton, B.A.	1938
Pannell, Peter John, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1950	Pearce, Desmond Beresford Newman, B.Sc.	1951
Parbo, Arvi Hillar, B.E.	1956	†Pearce, Helen Ruth, B.A.	1958
Parham, Anthony Robert, M.B., B.S.	1954	Pearce, Ronald Sandison, Ph.D. (B.Sc., 1948)	1955
Parham, Elizabeth Ann, B.A.	1950	Pearce, Trevor Sandison, B.Ag.Sc.	1953
Park, Ruth Alison, B.A.	1939	Pearcy, Lyn Harley Draper, M.B., B.S.	1953
Parker, Cecil David, B.Sc.	1932	Pearman, Reginald John, B.Sc.	1954
Parker, George Lucas, B.E.	1948	Pearson, Halley James Crawford, B.A.	1944
†Parker, Graham Eric, LL.B.	1959	†Pearson, Henry Gurner, B.Tech.	1959
Parker, Mina Evelyn, B.A.	1930	Pearson, Leslie Norman, B.A.	1941
Parker, Murray Harold, M.Sc. (B.Sc., 1950)	1952	†Pearson, Thomas Pickering, B.Tech.	1959
Parker, Robert Henry, B.Ec., (B.Sc. (Econ.), London, 1954)	1960	Pech, Herman, B.A.	1947
Parker, Ross Lloyd, B.E.	1957	Pech, Rufus, B.A.	1947
Parkhouse, Devon, M.B., B.S.	1907	†Pederick, Leith Hubert, B.Sc.	1960
Parkhouse, Thomas William, B.Sc.	1940	Pedler, John Meavious, M.B., B.S.	1935

† Not yet Members of the Senate.

Pedlow, Clarice, B.Sc.	1942	†Phillips, William John, B.A.	1959
Peirce, Alan Wilfred, D.Sc. (B.Sc., 1924; M.Sc., 1937)	1947	Phillipson, Coleman, LL.D. (Manchester, 1908)	1920
Peirce, Reginald Frank, B.A.	1938	†Pickering, Eric, B.A.	1960
†Peirson, Clive Graham, B.Ec.	1960	Pickering, Ronald Franklin, B.Sc.	1946
†Pellew, Dorothy Elaine, LL.B.	1960	†Pickering, Trevor George, M.B., B.S.	1958
Pellew, Henry Edwin, M.B., B.S.	1924	Pierson, Robert Arthur, B.A.	1954
Pellew, Janie Christobel, B.D.S.	1932	Pietsch, Clemens Henry, M.B., B.S.	1945
Pellew, Lancelot Vivian, LL.B.	1922	Pike, Colin Edwin, I.I.B.	1954
Pellew, Leonard James Ternouth, M.B., B.S.	1932	Pike, Douglas Henry, D.Litt. (B.A., 1948; M.A., 1951)	1957
Pellew, Richard Alfred Amyas, M.B., B.S.	1934	Pike, Geoffrey Howard, M.B., B.S.	1953
Pelton, Louis Alfred Hall, B.Sc. (Eng.)	1942	Pile, Kenneth Charles, B.E.	1949
†Pelz, Ines Charlotte, B.A.	1960	Pilgrim, Alan Flinders, B.Sc.	1936
Pengelley, John Michael, B.Ec.	1952	Pillay, Elagu Sithampara, M.B., B.S.	1954
Pengilly, Clifford Kipling, B.E.	1930	Pilton, Phyllis Evelyn, B.Sc.	1955
Penglase, Dean Trestrail, B.E.	1951	Piper, Clarence Sherwood, D.Sc. (B.Sc., 1922; M.Sc., 1928)	1942
Pennan, Thomas Oliver, B.E. (B.Sc. (Eng.), London, 1948)	1956	Piper, Cyril Thomas, M.B., B.S.	1924
Penn, John Halbert, B.E.	1953	Piper, Flora Elizabeth, B.A.	1924
Pennington, Beryl, B.A.	1942	Piper, Herbert Walter, B.A.	1938
Penna, Elwyn Dunstan, B.A.	1952	Pirotta, Thomas, M.B., B.S.	1955
Penny, David Harry, M.Ec. (B.Ec., 1952)	1958	Pitcher, Cyril Frederick, M.B., B.S.	1911
Penny, Harold John, M.B., B.S.	1913	Pitcher, Maurice Knight, B.Sc.	1925
Penny, Hubert Harry, M.A. (B.A., 1926)	1932	Pitcher, Russell Barton, M.B., B.S.	1943
†Penny, John Philip, B.Sc.	1958	Pitcher, William Bonython, B.Sc.	1945
Penny, Ronald Edgar Cooper, B.A. (Melbourne, 1951)	1959	†Pitchon, Leon, M.B., B.S.	1960
Pennyquick, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919)	1923	Pitman, Beresford Ernest, B.Sc.	1945
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928)	1935	Pitt, George Henry, B.A.	1920
Pereira, John Evelyn De Haan, B.A.	1945	Pitt, Marjorie Una, B.Sc.	1925
Perkins, Brian Randall, B.Sc.	1955	Place, Ullin Thomas, M.A. (Oxford, 1949)	1953
Perkins, Horace James, Mus.Doc. (Mus.Bac., 1928)	1943	Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927)	1937
Perkins, Marie Pauline, B.A.	1949	Platt, John Talbot, B.A.	1951
Perrett, Lance Victor, M.B., B.S.	1952	Platten, Newell James, B.E.	1951
Perry, Audrey Vivienne, LL.B.	1949	†Playford, John Drysdale, B.A.	1959
Perry, Dulcie May, B.A.	1939	Playford, Malcolm Noel, LL.B.	1937
†Perry, John William, LL.B.	1959	Playford, Margaret Claire, M.B., B.S.	1955
Perry, Rayden Alfred, M.Sc. (B.Sc., 1947)	1956	Plimmer, Geith Alfred, B.A.	1930
Perry, Robert George, B.E.	1956	Plueckhahn, Vernon Douglas, M.B., B.S.	1949
Peter, Beth Ellen, B.Sc.	1957	Plummer, Alexander Philip, B.D.S.	1941
†Peter, Phyllis Grace, B.A.	1960	Plummer, Reg Garnet, M.B., B.S.	1906
Peters, Brian Harry, M.B., B.S.	1948	Plummer, Rex Grose, M.B., B.S.	1937
Peters, Geoffrey Ernest, B.A.	1925	Plummer, Violet May, B.Sc.	1891
M.B., B.S.	1927	M.B. (Melbourne, 1897)	1897
Peters, George Francis, B.Sc.	1948	Plummer, Violet Myrtle, M.B., B.S.	1932
Peters, Jack Vernon, Mus.Doc. (New Zealand, 1959)	1960	Plunkett, Norman Ambrose, B.E.	1926
†Peters, John Irwin, B.E.	1959	Plush, Donald Seward, B.Ag.Sc.	1948
Peterson, Jean Clarice, B.A.	1940	Pobjoy, Alice Blake, B.A.	1918
Petrie, Charlotte Marion, M.A. (St. Andrews, 1923)	1939	Pocius, Martynas, B.E.	1955
Petrie, Enid Beatrice, Mus.Bac.	1935	Pocock, Edward Robert, M.A. (B.A., 1956)	1958
†Petrikas, Elvira, M.B., B.S.	1958	Pohlman, William Frederick Claude, B.Sc.	1926
Pettit, Garth Derwood, B.D.S.	1953	Poidevin, Leslie Oswyn Sheridan, M.D. (M.B., B.S., Sydney, 1938)	1960
Pettit, Rowland, Ph.D. (B.Sc., 1947; M.Sc., 1950)	1954	†Polasek, Metodey, B.Ec.	1958
Pfeiffer, Edgar Reginald, B.Sc.	1953	Pole, Audrey Elizabeth, B.A.	1956
Pfeiffer, Gordon James, B.D.S.	1949	Polglase, Norman, B.Sc.	1947
Pfeiffer, Norman, B.A.	1938	Polkinghorne, Graham Keith, B.E.	1954
†Pfitzner, David Roy, B.Sc.	1960	Polkinghorne, Kate Elinor, B.A.	1931
Pfitzner, Eric Norman, M.A. (B.A., 1930)	1933	Polkinghorne, Keith, B.A.	1936
Pfitzner, Leo Wilkin, B.E.	1953	Polkinghorne, Noel Francis, B.A.	1934
Pfitzner, Murray Ackland, M.B., B.S.	1953	Pollnitz, Eunice Adah, B.A.	1938
†Pfitzner, Victor Carl, B.A.	1958	Polomka, Simon Peter, B.Ag.Sc.	1955
Phillipps, Herbert Tarlton, B.Sc.	1905	Polson, Reginald Alexander, B.E.	1929
Phillipps, Keith Herbert, B.E.	1951	Pomroy, Alan Browning, B.E.	1938
Phillipps, Alan Dunstan, M.B., B.S.	1947	Pomroy, Richard Osborne, B.E.	1923
B.Sc.	1959	Ponnia, Anthonipillai, B.E.	1954
Phillipps, Albert Maurice, B.E.	1941	Ponsford, Joan Helen, B.Sc.	1949
Phillipps, Basil Wright, B.D.S.	1950	Poole, Frederick St. John, M.B., B.S.	1909
†Phillipps, Brian John, B.E.	1960	Poole, Gilbert Graham, B.Sc., B.E.	1921
Phillipps, Charles Leslie, B.D.S.	1926	Poole, Richard John, B.E.	1951
Phillipps, Colin William, M.B., B.S.	1951	Pope, Geoffrey Weston, B.Sc.	1951
Phillipps, Gordon Gilbert, B.A.	1940	Pope, John Travers, B.E.	1957
Phillipps, James Henry, B.E.	1948	Pope, Kenneth Geoffrey, M.Sc. (B.Sc., 1942)	1949
Phillipps, James Howard, B.Sc.	1902	Pope, Kathlyn Hilary, B.A.	1952
†Phillipps, Malcolm John, B.Tech.	1960	†Pope, Norman Hector, B.Tech.	1960
Phillipps, Muriel Edith, B.A.	1935	Pope, Peter Myles Burton, B.E.	1949
Phillipps, Murray Norman, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945	Porra, Robert John, B.Sc.	1957
Phillipps, Murray Thomas, B.E.	1947	Porter, Ailsa Rosemary, B.Sc.	1955
Phillipps, Pamela Rosemary, M.B., B.S.	1951	Porter, Harold George, B.A.	1941
Phillipps, Ronald Mervyn, B.A.	1951	†Porter, James Glanville, B.Tech.	1960
†Phillipps, Walter Wynne, B.A.	1958	Porter, Kingsley Clarence, M.B., B.S.	1942
Phillipps, William James Ellery, M.B., B.S.	1915	†Porter, Mervyn Kingsley, B.A.	1958
		Porter, Reginald Bernard, M.Sc. (B.Sc., 1953)	1960
		Porter, Robert, B.Med.Sc.	1954
		†Porter, Rodney Crawford, B.E.	1959

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†Rayner, Colin Robert, B.Ec.	1960	Rice, Lawrence John, M.B., B.S.	1948
Rayner, George Percival, B.A.	1920	†Rice, Michael Scollin, M.B., B.S.	1959
Rayner, William Henry, B.A.	1907	Rice, Phillip John, LL.B.	1951
†Read, Clarence Percy, B.A.	1959	Rice, Therese Marie, M.A. (B.A., 1942)	1947
Read, John Herbert, B.A.	1949	Rice, Vincent de Paul Lawrence, M.B., B.S.	1933
Read, Norman George, M.Sc. (B.Sc., 1943)	1945	Rice, William Mitton, B.E.	1953
†Read, Peter John, B.Ec.	1959	Riceman, David Stirling, D.Sc., (M.Sc., 1947)	1959
Read, Philip Andreas, B.A.	1930	Richards, Archibald Charles, M.A. (B.A., 1922)	1927
Reade, Peter Clarence, B.D.S.	1952	Richards, Brian Gordon, B.E.	1956
Reardon, Mary Dulcie, B.A.	1952	†Richards, Bruce Leslie, B.Tech.	1959
Redden, Martin Philip, B.A.	1933	Richards, Cecil Albert, M.A. (B.A., 1924)	1929
Redin, Lewis Charles, B.A.	1956	B.Sc.	1931
Redman, James Johnston, LL.B.	1935	Richards, Clarence, B.Sc.	1915
Redmond, John Bice, B.E.	1946	M.B., B.S.	1919
Redstone, Frank, B.A.	1957	Richards, Dudley Lewis, LL.B.	1931
Redway, John Alfred George, B.E.	1955	Richards, Eric Dean, M.B., B.S.	1951
Reed, Barbara, B.A.	1954	Richards, Eva Gertrude, B.A.	1914
Reed, Eileen Ruth Lathleen, B.Sc.	1919	Richards, Fred Kither, B.Ec.	1956
Reed, Sir Geoffrey Sandford, LL.B.	1913	Richards, Sir Frederick William, LL.D. (London, 1896)	1897
Reed, Margaret Doris, B.Sc.	1955	Richards, Gordon Alfred, B.A.	1937
Reed, Mary Ethel Hayter, M.B., B.S.	1924	Richards, James Ross, M.B., B.S.	1954
Reed, Robert David Geoffrey, B.E.	1950	Richards, Kenneth Ross, B.Sc.	1948
Reed, Thomas Thornton, M.A. (Melbourne, 1927)	1929	Richards, Maxwell John, M.B., B.S.	1954
D.Litt	1954	Richards, Ronald Roy, B.Ag.Sc.	1951
†Reedman, Cole Warren, B.Ec.	1960	Richards, Norman Alfred, M.D. (M.B., B.S., 1942)	1951
Rees, Harold Mitchell, M.B., B.S.	1924	Richards, William Edward, B.A.	1932
Rees, John David, B.Sc.	1953	Richardson, John Milton, B.Ag.Sc.	1952
Reeves, Edith Louie, B.A.	1945	Richardson, John Patrick, M.B., B.S.	1952
Reeves, Rupert Kirk, M.B., B.S.	1926	Richardson, Middleton Bart, B.Sc.	1941
Rehn, Denzil Farnham, B.A.	1955	Richardson, Patricia Sophia, M.B., B.S.	1937
Reichstein, Lance Eric Harold, B.E.	1922	Richardson, Robert William, B.E.	1953
Reid, Arthur Douglas, M.B., B.S.	1924	Richardson, Ruth Mary Desmond, B.A.	1954
Reid, David Argyll Campbell, B.E.	1949	Richardson, Walter Murray, B.Sc.	1951
Reid, Donald Peter, M.B., B.S.	1956	Riddell, Frank Scouler, M.B., B.S.	1953
†Reid, Douglas Rusk, B.Tech.	1959	Rieckmann, Karl-Heinz Walter, M.B., B.S.	1957
Reid, Elizabeth Ellen, B.A.	1933	Riedel, Felix Daniel, B.A.	1950
Reid, Gordon Stanley, Ph.D. (London, 1957)	1958	Riedel, Melita Wanda, Mus.Bac.	1920
Reid, Gordon Stephen, B.A.	1954	Riedel, William Rex, M.Sc. (B.Sc., 1947)	1952
Reid, John Douglas, M.B., B.S.	1954	Rieger, Clarence Oscar Ferrero, M.B., B.S.	1919
Reid, John Graham, M.B., B.S.	1954	Rieger, Richard Anthony, M.B., B.S.	1956
Reid, Max Bertram, M.B., B.S.	1937	Riggs, Noel Victor, B.Sc.	1942
Reid, Neville Collison, B.Ec.	1956	†Rigter, Gerard Theodore Joseph, B.A.	1960
Reid, Robert Leighton, M.A. (B.A., 1953)	1954	Riley, John, M.B., B.S.	1953
Reid, Ross Treloar Wishart, M.D. (M.B., B.S., 1947)	1956	Riley, Mabel, B.A.	1908
Reid, William Lister, M.B., B.S.	1931	Rimes, Garnet Dean, B.Sc.	1950
Reilly, Patrick John, M.B., B.S.	1928	Rinfret, The Right Honourable Thibaudreau, P.C., LL.D. (McGill)	1951
Reilly, Philip Herbert, B.D.S.	1940	Rippert, Reinhart, M.B., B.S.	1957
Reilly, Robert Neil, M.B., B.S.	1933	Rischbieth, Henry George, M.B., B.S.	1942
Reimann, Arnold Luehrs, D.Sc. (B.Sc., 1919)	1935	Rischbieth, John Ross, B.Sc.	1937
Reimann, Valesca Leonore Olive, M.A. (B.A., 1910)	1914	Rischbieth, Oswald Henry Theodore, B.A.	1909
Reiners, John Alexander, B.D.S.	1950	Rischbieth, Richard Harold Charles, M.B., B.S.	1951
†Reinfelds, Juris, B.Sc.	1958	Risely, Barrie Grenville, B.Sc.	1956
†Reintals, Voldemar, B.E.	1960	Ritenis, Indulis, M.B., B.S.	1955
Reisonas, Irviss John, B.E.	1957	Rix, Areta, B.A.	1938
Reissmann, Charles Henry, M.D. (Cambridge, 1902)	1902	Roach, Desmond Michael, B.E.	1952
Remilton, John Robert, M.B., B.S.	1953	Roach, John Carlyle, B.E.	1921
Rendell, Alan, B.A.	1930	†Roach, John Robert, B.E.	1960
Rendell, Margaret Patricia, M.A. (B.A., 1951)	1952	Roark, Bruce Archibald, Ph.D.	1956
†Renfrey, Arthur William, B.Ec.	1959	Robbins, Thomas Fellows, B.E.	1940
Renfrey, Lionel Edward William, B.A.	1938	Robert, Douglas Bower, B.Sc.	1942
Reni, Bruno, M.B., B.S.	1956	Roberts, Arthur Bruce, LL.B.	1922
Renner, Johannes Theodore Erich, B.A.	1950	Roberts, David Pearson, B.Sc. (Eng.)	1947
Renney, John Thomas Goodchild, M.B., B.S.	1955	Roberts, Ivor Charles, M.B., B.S.	1952
Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913)	1919	†Roberts, Jennefer Mary, B.A.	1959
Retallack, Alan John, B.E.	1955	Roberts, Jillien Mary, LL.B.	1949
Retallack, Bruce James, B.A.	1935	Roberts, John Barry, B.Sc.	1957
B.Sc.	1939	Roberts, John Desmond, B.A.	1953
Reuter, Colin Albert, B.D.S.	1955	Roberts, Joseph Armistice, M.B., B.S.	1950
Reynolds, Beatrice Mary Heywood, B.A.	1924	Roberts, Nancy Mowbray, B.A.	1947
†Reynolds, Bevan William, B.D.S.	1959	Roberts, Richard Leslie, B.E.	1953
Reynolds, Graeme Campbell, M.E. (B.E., 1954)	1958	Roberts, Robin Lea, B.A.	1939
Reynolds, Howard, B.Sc.	1950	B.Ec.	1956
Reynolds, James Alan, B.E.	1953	Roberts, Roy, B.A.	1956
Reynolds, John Heywood, B.A.	1928	†Roberts, Sheila Margaret, B.A.	1959
Reynolds, Lilo, B.A.	1948	Robertson, Alfred Bentley, B.E.	1942
Reynolds, Maxwell Andrew, B.Sc.	1951	Robertson, Allison Alexander, B.E.	1952
Reynolds, Maxwell Stanley, B.A.	1948	Robertson, Anthony Oliver, M.B., B.S.	1956
Rhodes, Gwendoline Maude, LL.B.	1939	Robertson, Betty Ann Fotheringham, B.A.	1948
Rhymer, Lorna May, B.A.	1957	Robertson, Christopher Lumley, M.B., B.S.	1957
Rice, Brian George, B.Sc.	1954	Robertson, Clara Enid, B.A.	1929
Rice, John David, M.B., B.S.	1930	Robertson, Colin Frank, M.B., B.S.	1954
		Robertson, David Stirling, Ph.D. (B.Sc., 1941)	1954

† Not yet Members of the Senate.

Sandercock, Rex Glynde, B.Sc. (Eng.)	1943	Schultz, Gordon Ray, B.A.	
Sanders, Grace Annie, B.A.	1920	†Schultz, Peter Kasimir, B.Sc.	1950
Sanders, Harold William, B.A.	1912	Schultz, Roydon Donald, B.Sc.	1959
Sanders, Irma Mary, B.A.	1943	Schulz, Ernst Adolph, B.E.	1954
Sanders, John Veysey, B.Sc.	1944	†Schulz, Margaret Ruth, B.Sc.	1931
Sanders, Mostyn Clifford, B.Sc.	1944	Schulz, Robert George, M.B., B.S.	1958
Sanders, Robert William, B.E.	1948	Schumacher, Colin Stephen, B.E.	1947
Sanderson, John Gavin, M.Sc. (B.Sc., 1950)	1958	†Schunke, Richard Hugh, B.Sc.	1954
Sanderson, Kenneth Villiers, M.B., B.S.	1943	†Schuppan, Dene Thomas, B.Tech.	1959
Sanderson, Peter Robin, B.E.	1952	Schutz, Raymond Alfred, B.E.	1959
Sandery, Charles, Arthur, LL.B.	1921	Schutz, Gordon Ernest, B.Sc.	1949
Sandford, Alastair Wallace, M.A. (Oxford, 1937)		†Schwab, Barry Walter, B.E.	1950
Sandford, Robert Max, B.Sc.	1948	Schwartz, Colin John, M.D. (M.B., B.S., 1955)	1959
Sandison, Alexander, M.B. (Edinburgh, 1906)	1906	Schwartz, Eugene Robertson, B.Sc.	1939
Sandison, Alexander Geoffrey, M.B., B.S.	1956	Schwartz, Philip John David, M.B., B.S.	1957
Sando, Allan Frederick, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945	Scobie, John Hedger, M.B., B.S.	1949
Sando, Clarice Melva, B.A.	1955	Scobie, Sidney John, B.A.	1936
Sando, Maurice James Wilson, M.B., B.S.	1953	Scollin, James, B.D.S.	1932
Sandover, William Ewan, M.B., B.S.	1951	Scott, Alfred Eric, M.Sc. (B.Sc., 1927)	1928
Sandow, Richard Henry, B.D.S.	1951	Scott, Douglas Cussen, B.Sc.	1955
Sands, Desmond Montague Willington, B.D.S.	1934	Scott, Jeffrey Frank, LL.B.	1949
Sangster, Alexander Keith, LL.B.	1934		1955
Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931)	1941	Scott, Michael Arthur MacDonald, M.A. (M.Sc., National University, Ireland, 1934)	1953
Sangster, David Flower, B.Sc.	1945	Scott, Philip Earle, B.E.	1954
Sangster, John William, M.B., B.S.	1939	†Scott, Roland Alexander David Byron, B.Sc.	1960
Sansom, Joyce Mary, Mus.Bac.	1947	Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered)	1913
Sargent, Rex James, M.B., B.S.	1929	Scott, Trevor Dennison, M.Sc. (B.Sc., 1951)	1955
Sargeson, Alan McLeod, B.Sc. (Sydney, 1952)	1957	Scragg, Roy Frederick Rhodes, M.D., (M.B., B.S., 1946)	1955
Sarre, Malcolm Glen, M.B., B.S.	1945	Scragg, Walter Robert Lambert, B.A.	1955
Sarre, Vera Georgina, B.A.	1917	Scriven, Murray Walter, B.A.	1950
Sarre, Winifred Grace, B.A.	1953	Scriven, Wilton Maxwell, B.Sc.	1947
Sasse, Hans Christopher, M.A. (B.A., 1957)	1960	Scrymgeour, Peter Robert, B.E.	1953
Sasse, Wolfgang Hermann Fritz, Ph.D. (B.Sc., 1953)	1957	Seaman, Gilbert Frederick, B.Ec.	1956
Sauer, Henri Hugo Albert, M.B., B.S.	1952	Seaman, Keith Douglas, B.A.	1935
Saulite, Elfrida, B.D.S.	1952	LL.B.	1951
†Saunders, Elizabeth Stuart, M.B., B.S.	1960	†Seaman, Robert Scott, B.Sc.	1955
†Saunders, Graham Edward, B.A.	1959	†Seamark, Robert Frederick, B.Ag.Sc.	1958
†Saunders, John Milton, M.B., B.S.	1952	Searle, Clifford Alfred James, B.A.	1959
Saunders, Pepita Cerda, LL.B.	1925	Searle, Frederick John, B.A.	1937
Savage, Arthur Charles, M.B., B.S.	1928	Searle, Hartley Malcolm, B.A.	1902
Savage, Charles Arthur, B.A.	1954	B.Sc.	1932
Savage, Joseph Patrick, M.B., B.S.	1954	Sears, Harold William, B.Sc.	1935
Sawers, Donald Alexander, B.Sc. (Eng.)	1942	Searson, William George, B.E.	1943
Sawers, Ronald John, M.B., B.S.	1942	†Seaton, Arthur John, B.E.	1953
†Sawicki, Thaddeus John, M.B., B.S.	1958	Sedgley, Ralph Herald, M.Ag.Sc. (B.Ag.Sc., 1954)	1960
†Sawley, Darrell Frederick, B.Sc.	1929	Sedgwick, Antony William, B.A. (Birmingham, 1955)	1959
†Sawley, Jennifer Ann, B.A.	1959	†Seary, Keith John, B.Tech.	1959
Scalles, William Arthur, LL.B.	1930	Seedsman, Donald John, B.Sc.	1958
Scarborough, Eric Charlton, B.E.	1951	Seedsman, Kenneth Reginald, B.Sc.	1948
†Scarborough, Lincoln John, B.Tech.	1959	Seekamp, Jack Victor, B.Ag.Sc.	1951
Scarce, John Desmond, B.E.	1957	†Seevaratnam, Joy Anandan, M.B., B.S.	1942
Scarfe, Elwyn Bewell, LL.B.	1940	Seglenieks, Ziguards, M.B., B.S.	1960
Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948	Segnit, Edgar Ralph, M.Sc. (B.Sc., 1944)	1955
Scarlett, Robert Dalley, Mus.Doc. (Mus.Bac., 1926)		Segnit, Ralph Walter, B.Sc. (Oxford, 1922)	1945
†Searman, Ian Edwin, B.Ec.	1934	Seidler, Jan Hynek, M.Sc. (B.Sc., 1950)	1922
Schache, Alma Olga Antonia, B.A.	1960	Seith, Wolfram Immanuel, M.B., B.S.	1954
Schaefer, Ronald, M.B., B.S.	1909	Sellers, Ada, B.A.	1949
Schafer, Carl Hannaford, M.B., B.S.	1956	Selth, Donald Victor, B.A.	1928
Schafer, Helene Judith, B.Sc.	1919	Selth, Geoffrey Poole, B.A.	1949
Schafer, Max Ernest Hannaford, B.D.S.	1957	Semler, Clifford Gerhardt, M.B., B.S.	1951
†Schild, Maurice Edmund, B.A.	1923	Semmens, Francis John, B.Sc.	1940
Schirmer, Gerhart Percy, B.Ec.	1958	Semmler, Clement William, M.A. (B.A., 1936)	1928
†Schmid, Laurence John, B.E.	1951	Semple, Kenneth Hugh, B.A.	1938
Schmidt, Lewis Walter, B.Sc.	1959	Senior, Judith Rae, B.Sc.	1950
Schneider, Michael, M.B., B.S.	1940	Senior, Lionel Rupert, B.Sc.	1955
Schneider, Michael Philip, B.A.	1925	B.A.	1929
Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932)	1955	Senior, Rex Clifton, M.B., B.S.	1947
Schneider, Walter Herman, M.E. (B.E., 1920)	1946	†Seppelt, Brian Maxwell, B.Sc.	1952
Schneider, Wilfred, B.E.	1945	Seppelt, Ian Howe, B.Sc.	1960
Schneider, Wilfred Carl, M.A. (B.A., 1929)	1922	Seppelt, Yvonne Granville, M.B., B.S.	1932
Schodde, Peter, B.Sc.	1932	Sergeant, Maxwell Stuart, LL.B.	1946
Schodde, Richard, B.Sc.	1960	Sexton, Edgar Raymond, B.A.	1934
Scholar, Ernest, B.A.	1959	†Sexton, Dean Jefferies, B.Tech.	1931
Scholz, William Herbert, M.B., B.S.	1941	†Shakes, Brian Douglas, B.E.	1960
Schroder, Ernest William, B.E.	1954	Shakes, David James, M.B., B.S.	1959
Schroder, Judith, B.Sc.	1955	Shanahan, Margaret Carmel, B.A.	1955
Schubert, Cedric Felix, M.Sc. (B.Sc., 1957)	1950	Shanahan, Michael Francis, M.B., B.S.	1956
Schubert, Frank Helmut, B.A.	1960	Shanahan, Patrick William, M.B., B.S.	1956
Schudmak, Henry, M.B., B.S.	1934	Shannon, James Stanley, B.Sc.	1928
Schuetz, Harold Edwin, B.A.	1949	Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Schuller, Wendy Margaret, B.Sc.	1953	Shannon, Richard John, B.E.	1949
	1960		

† Not yet Members of the Senate.

Shapley, William George, B.E.	1952	Simes, Irene Pamela, B.Sc.	1956
Sharley, Aubrey Neville, B.E.	1954	†Simes, Robert Lawson, B.Tech.	1960
Sharley, Elma May, B.A.	1937	Simm, John, B.E.	1956
Sharma, Romesh, M.B., B.S.	1954	Simmonds, David Hubert, M.Sc. (B.Sc., 1944)	1948
Sharman, Arthur Edward, B.E.	1926	†Simmonds, Douglas Thomas, B.Tech.	1958
Sharman, Ethel Olive, B.A.	1915	Simmonds (nee Cossich), Lorraine, B.A.	1957
Sharp, Bruce Burnell, M.E. (B.E., 1949)	1955	Simmonds, Rachel Elizabeth, B.A.	1948
Sharp, Warren Player, B.Ec.	1954	Simmons, Donald William, B.Ec.	1949
Sharpe, Edmund John, B.E.	1932	Simmons, Geoffrey Clive, B.Sc.	1945
Shaw, Alice Mary Stockdale, B.A.	1929	Simmons, Marie Yvonne, B.A.	1952
Shaw, James Barry, B.Sc.	1904	Simons, Alfred, M.B., B.S.	1942
Shaw, Joan Hambly, B.A.	1947	Simons, Arthur Nicholas, B.Sc.	1951
Shaw, John Robert Stockdale, M.A. (B.A., 1930)	1933	M.B., B.S.	1958
Shaw, Lindsay Norman, B.Ec. (Sydney, 1950)	1955	†Simons, David Henry, B.Ag.Sc.	1960
Shaw, Peter John Randall, B.Sc.	1949	Simpson, Alfred Moxon, B.Sc.	1930
Shea, Brian Joseph, M.B., B.S.	1951	†Simpson, Brian Clifton, B.Sc.	1960
Sheard, Joan Philippa, B.A.	1955	Simpson, Donald Allen, M.B., B.S.	1949
Shearer, Clifford George Trogea, B.A.	1931	Simpson, Frederick William, M.B., B.S.	1934
B.Ec.	1937	Simpson, Hugh Denney, B.Sc.	1920
Shearer, Harvey Albert, B.A.	1936	B.A.	1921
Ivan Anthony, LL.B.	1960	Simpson, Penelope Margaret, B.Sc.	1949
†Shearer, Robert Clifford, B.Ag.Sc.	1959	Simpson, Robert Allen, B.E.	1934
Sheedley, Alfred Charles, B.Sc.	1919	Sims, Clive Moir, M.Sc. (B.Sc., 1954)	1957
Sheedy, Redmond Stuart Parnell, M.B., B.S.	1952	Sims, Eric Baldwin, M.D. (M.B., B.S., 1940)	1948
Shekleton, Peter Reginald, B.A.	1957	Sims, Milton Reginald, B.D.S.	1950
Shepherd, Stanley Maxwell, B.Sc.	1948	Sims, Roxy, B.A.	1933
Shepherd, David Wickham, M.B., B.S.	1938	Sims, William George, B.Sc.	1957
Shepherd, Elizabeth Miriam, B.A.	1947	Sinclair, Walter Gordon Clyde, B.Sc.	1923
Shepherd, Geoffrey Lincoln, LL.B.	1930	Sinclair, William Malcolm, M.B., B.S.	1911
Shepherd, John Alfred, B.A.	1929	†Sindhu, Santokh Singh, M.B., B.S.	1959
Shepherd, John Henry, B.A.	1935	†Singh, Amrao, B.E.	1958
M.Sc. (B.Sc., 1942)	1947	†Singh, Narindar, M.B., B.S.	1958
Shepherd, Kenneth William, B.Ag.Sc.	1956	†Singh, Prithvipall, M.B., B.S.	1953
Shepherd, Peter Byron, M.B., B.S.	1957	Singh, Rajendra, Ph.D.	1956
Shepherd, Reginald George, B.Sc.	1953	Simmott, Patricia Margaret, B.A.	1958
†Shepherd, Scoresby Arthur, LL.B.	1958	†Siviour, Neil Graham, B.Tech.	1954
B.A.	1959	Sizer, Marion Betty, B.Sc.	1917
Shepley, Arthur Raymond, B.Sc.	1923	Skewes, Edward Foster, LL.B.	1950
B.E.	1924	Skinner, Brian John, B.Sc.	1949
Shepley, Estelle Ann, M.Sc. (B.Sc., 1953)	1956	Skinner, Cecil Reginald Allenby, B.E.	1959
†Shepley, Kathlyn Florence, B.Sc.	1960	Skinner, Helen Catherine Wild, Ph.D.	1958
Shepley, Leslie Herbert Hamilton, LL.B.	1909	†Skinner, Sandford Lloyd, M.B., B.S.	1944
Sheppard, Mark Yeatman, M.B., B.S.	1942	Skipper, John Stark, M.B., B.S.	1901
Sheppard, Robert Alexander William, B.Sc.	1942	Skipper, Stanley Herbert, LL.B.	1934
†Sherwin, Rolf Morton, B.Ec.	1960	Skuce, Beryl Marion Rebecca, B.A.	1953
Shield, Judith Adelaide, B.A.	1948	Sladdin, John Naulty, M.B., B.S.	1946
Shierlaw, Howard Alison, LL.B.	1902	Slade, John Harman, M.B., B.S.	1942
Shierlaw, Norman Craig, B.E.	1949	Slade, Kathleen Nellie, B.A.	1954
Shinkfield, Anthony James, B.A.	1955	Slarks, Geoffrey Herbert, B.E.	1953
Shinkfield, Cecil Charles, M.A. (Cambridge, 1930)	1953	Slater, Allan, B.E.	1952
Shinkfield, Marian Ruth, B.A.	1949	Slattery, Francis James, B.E.	1931
Shinkfield, Roger John, B.E.	1954	Slattery, Mary, B.A.	1954
Shirpurkar, Gajanan Ramchandra, M.Sc.	1949	Slaughter, Colin Sidney, B.E.	1959
Shoebrieger, Ivan, LL.B.	1929	†Slaytor, William John Hayden, B.A.	1930
Short, David Charles, B.E.	1956	Slee, Dugald Haughton, B.Sc.	1932
Short, David Weddell, M.B., B.S.	1940	B.A.	1959
Short, Kerwin Alfred Robert, B.E.	1927	†Slee, Graham Haughton, B.E.	1950
Short (nee Stephens), Lillian Mary Theakstone, M.A. (B.A., 1907)	1938	Slee, Ian Bruce, B.A.	1959
Shortridge, Dennis Thorman, M.B., B.S.	1938	†Slee, Walter Vernon, B.Sc.	1959
Shrowder, Ronald Louis, B.A.	1940	Sleeman, James Garnet, M.D. (M.B., B.S. Melbourne, 1915)	1927
Shub, Samuel, M.B., B.S.	1953	Sleeman, William John, M.B., B.S.	1947
Shuter, Richard Ernest, M.B. (Melbourne, 1891)	1895	†Sleigh, Robert Carl, B.Tech.	1960
†Shutt, Donald Allen, B.Sc.	1959	Slim, His Excellency Field Marshal Sir William Joseph, LL.D. (Oxford, Cambridge, Sydney, Birmingham, Leeds and New England)	1956
Sibly, Pamela Maslin, M.Sc. (B.Sc., 1947)	1950	Sloman, Arthur Raymond, B.Sc.	1937
Sibthorpe, Gwenyth, M.B., B.S.	1946	Smale, Thomas Charles, B.A.	1950
†Sidhu, Harcharan Singh, M.B., B.S.	1958	Smallacombe, Roy Frederick, B.A.	1953
Sieber, Clarence Bertram, B.E.	1926	Smart, John Jamieson Carswell, M.A. (Glasgow, 1946)	1951
†Siebert, Brian David, B.Sc.	1959	Smart, Lawrence Maxwell, B.D.S.	1950
Siegele, John Louis, B.Sc.	1945	Smart, John Anthony, B.E.	1939
†Siegele, Trevor Martin, B.Ec.	1958	Smeaton, David Rutherford, B.D.S.	1951
Siglin, Max, M.B., B.S.	1954	Smerdon, John Rutherford, B.D.S.	1946
Sigmont, Victor Charles, B.A.	1950	Smibert, George James, M.B., B.S.	1954
†Sikсна, Arnis, B.E.	1960	Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904)	1934
Siliakus, Hendricus Johannes, B.A. (Birmingham, 1954)	1960	Smith, Adrian Milton, B.Ec.	1949
Silsbury, James Henry, M.Ag.Sc. (M.Sc. (Agric.), Western Australia, 1958)	1959	Smith, Alfred Earle, LL.B.	1937
†Silver, Graham Bindley, B.E.	1956	Smith, Alick Hardy, B.A.	1948
Silver, Harold, B.E.	1957	Smith, Aloysius Daly Virgilius, M.B., B.S.	1928
Silver, Meredith May, M.B., B.S.	1957	Smith, Annie Ethel, B.A.	1935
Silver, Malcolm David, M.B., B.S.	1957	Smith, Barry Whitmore, B.A.	1956
Silver, Phillip Laurence, B.E.	1957	Smith, Brian Arnold, B.E.	1940
Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Smith, Brian Hartley, B.E.	1950

† Not yet Members of the Senate.

Smith, Cairns William Villeneuve, LL.B.	-	1951
Smith, Cecil Teesdale, M.A. (B.A., 1944)	-	1945
Smith, Cedric Alfred Neal, B.Ag.Sc.	-	1933
Smith, Daisy Maude, B.A.	-	1922
Smith, David Carswell, B.A.	-	1931
Smith, David Floyd, B.Ag.Sc.	-	1951
Smith, David Gordon Law, M.B., B.S.	-	1953
Smith, David Nichol, D.Litt. (Camb.)	-	1951
Smith, Dene Martindale, B.D.S.	-	1955
Smith, Donald Stevenson, M.B., B.S.	-	1957
Smith (nee Gardner), Edith Josephine Viner, B.A.	-	1906
Smith, Edward Mackie, B.E.	-	1939
Smith, Edward Rowland, B.Sc.	-	1942
Smith, Ewart Austral, M.B., B.S.	-	1951
Smith, Frank Berry, D.Sc. (B.Sc., 1903)	-	1937
Smith, Frank Stewart, M.B., B.S.	-	1956
Smith, Gavin Viner, M.B., B.S.	-	1937
Smith, Gordon Wearing, M.B., B.S.	-	1925
† Smith, Graham Robert Hay, B.Tech.	-	1960
Smith, Harold Reid, LL.B.	-	1939
Smith, Ian Darian, M.D. (M.B., B.S., 1951)	-	1956
Smith, Iris Eileen, B.A.	-	1930
Smith, Ivan Ford, B.A.	-	1953
Smith, Jack Edwin, B.Sc.	-	1934
Smith, James Clyde, B.E.	-	1938
Smith, James Wearing, B.E.	-	1924
† Smith, Jennefer Anne Vickridge, B.Sc.	-	1960
Smith, Joan Frances, B.A.	-	1948
Smith, John Bertrand, B.Sc.	-	1943
Smith, John Fife, B.A.	-	1929
† Smith, John Henry, B.A.	-	1959
Smith, John Jeffreys, LL.B.	-	1932
Smith, John Royle Casley, B.Sc.	-	1957
Smith, M.B., B.S.	-	1959
Smith, John Wasley, M.B., B.S.	-	1953
Smith, John Wilton, B.Sc.	-	1952
Smith, Keith, LL.B.	-	1953
Smith, Keith Kenneth Masefield, B.A.	-	1942
Smith, Keith Viner, M.B., B.S.	-	1939
Smith, Kenneth Wilmot Vernon, B.E.	-	1937
Smith, Louis Campbell, B.Ag.Sc.	-	1951
Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered)	-	1914
Smith, Lynden Rae Forbes, M.B., B.S.	-	1953
Smith (nee Sando), Margaret, M.Sc. (B.Sc., 1955)	-	1958
Smith, Mary, M.A. (B.A., 1930)	-	1932
Smith, Mary Theresa, B.A.	-	1935
Smith, Maxwell Herbert, B.Sc.	-	1940
Smith, Melva Estelle, B.A.	-	1942
Smith, Mervyn Keith, M.B., B.S.	-	1944
Smith, Murray George, B.E.	-	1954
Smith, Pamela Darien, B.A.	-	1954
Smith, Peter Brian, M.B., B.S.	-	1954
Smith, Primrose Mary Viner, B.A.	-	1940
Smith, Raydon Berry, B.E.	-	1917
Smith, Raymond Thomas, B.Sc.	-	1932
Smith, Rayner Whitmore, M.B., B.S.	-	1953
Smith, Richard Milne, M.Sc. (B.Sc., 1948)	-	1959
Smith, Richard Waldemar Law, B.A.	-	1955
† Smith, Rodney Burden, B.E.	-	1959
Smith, Roger, M.E. (B.E., 1956)	-	1959
Smith, Ronald Norman, B.E.	-	1933
† Smith, Ross Charles, B.Tech.	-	1960
Smith, Sheila Isabel Wesley, B.A.	-	1944
Smith, Sidney William, B.E.	-	1937
Smith, Sinclair Joseph, M.B., B.S.	-	1955
Smith, Stuart Meldrum, B.A.	-	1949
Smith, Terence Norman, B.E. (Sydney, 1953)	-	1960
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
† Smyth, Michael Ewers Bayne, B.Sc.	-	1960
Smyth, Robert Walter, Ph.D. (B.E., 1955)	-	1960
† Snelling, Peter John, B.Tech.	-	1959
Snewin, Gwendoline Marjorie Jean, B.A.	-	1925
Snewin, John Arthur, LL.B.	-	1951
Snoswell, Alan Marlow, B.Sc.	-	1956
Snow, Richard Adrian Wilfrid, B.D.S.	-	1940
Snow, Wilfred Rippon, B.E.	-	1914
† Snowden, Janette Daphne, B.A.	-	1958
Soar, Dudley Turner, B.Ec.	-	1951
Sobey, Iris Beatrice, B.A.	-	1944
Sobey, Reginald Roberts, M.B., B.S.	-	1942
Soebroto, Oentoeng, B.Ec.	-	1955
Sollas, William Johnston, D.Sc. (Cambridge)	-	1914
Solly, Janet Elizabeth, M.B., B.S.	-	1952
Solly, William Warburton, B.Sc.	-	1948
Solomon, George Herbert, M.B., B.S.	-	1927
Solomon, Helen Ethel, LL.B.	-	1935
Solomons, Barnet, M.B., B.S.	-	1922
† Solomons, Phillip Roland Nathan, LL.B.	-	1960
Somerset, Forbes Mitchell, B.E.	-	1941
Somerville, Archibald Shierlaw Ralph, LL.B.	-	1922
Somerville, Christopher Malcolm, B.D.S.	-	1952
Somerville, Dorothy Christine, B.A.	-	1918
LL.B.	-	1921
Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered)	-	1919
Somerville, Sesca Lewin, B.A.	-	1916
Somerville, Thomas Joseph, B.Ec. (B.Comm., National University of Ireland, 1955)	-	1959
Soper, Graham Michael, B.Ec.	-	1957
Sorrell, Margaret Walter, B.A.	-	1925
Souillac, Marie Jacques Henri, M.A. (L. és L., Diplôme d'Etudes Supérieures, Grenoble, 1945)	-	1959
Soukup, Dorothy Mavis, M.B., B.S.	-	1951
Souter, Brian Heylen, B.D.S.	-	1956
Souter, Douglas Todd, M.B., B.S.	-	1949
Souter, Robert John de Neufville, M.B., B.S.	-	1923
South, Peter Moncrief, B.Sc.	-	1956
South, Ronald Robert, B.D.S.	-	1951
Southcott, Jean Wauchope, B.A.	-	1921
Southcott, Ronald Vernon, M.D. (M.B., B.S., 1941)	-	1957
Southcott, Rosemary Enid, B.Sc.	-	1954
Southgate, Deane Oakford, M.B., B.S.	-	1955
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
Southwood, Richard Taunton, M.B., B.S.	-	1956
Spain, Brian James, B.E.	-	1956
† Spalvins, Janis Gunars, B.Ec.	-	1959
Spark, Mavis Constance, B.A.	-	1947
Sparrow, Lorna Discombe, M.A. (B.A., 1930)	-	1934
B.Ec.	-	1941
Sparrow, Maxwell Elliott, B.E.	-	1934
Specht, Raymond Louis, Ph.D. (M.Sc., 1950)	-	1954
Speed, Isobel Ethel, M.B., B.S.	-	1957
Speirs, William McMillan, B.A.	-	1949
† Spence, Colin Everett, B.A.	-	1958
Spence, David Norman, M.B., B.S.	-	1957
Spence, Robin Douglas James, M.B., B.S.	-	1957
Spencer, Donald, Ph.D.	-	1953
Spencer, Leslie Brian, B.Sc.	-	1951
Sperber, Joan Ilma, B.Sc.	-	1955
Spitz, Francis, B.Ec.	-	1956
Spitz, Joan Ilma, B.Sc.	-	1955
Spooner, Edgar Clynton Ross, D.Sc. (Tasmania, 1946)	-	1949
Spotswood, Thomas McLeod, Ph.D. (M.Sc., Tasmania, 1950)	-	1960
Spratt, James Arthur Henry, B.Sc.	-	1957
B.A.	-	1958
Sprigg, Patricia Amy, B.A.	-	1943
Sprigg, Reginald Claude, M.Sc. (B.Sc., 1941)	-	1944
Sprod, Thomas Daniel, B.A.	-	1951
Spruhan, Bridget Catherine, B.A.	-	1933
Spry, Alan Herbert, M.Sc. (B.Sc., 1949)	-	1951
† Spurling, Graham George, B.Tech.	-	1960
Spurling, Milton Bernard, M.Ag.Sc. (B.Ag.Sc., 1945)	-	1953
Spurr, Robert Thomas, B.Sc.	-	1948
Spurway, John Horton, M.B., B.S.	-	1951
Sreenevasan, Gopal Ayer, M.B., B.S.	-	1952
Stace, Hubert Charles Thomas, M.Sc. (B.Sc., 1941)	-	1955
Stace, John Hamilton, M.B., B.S.	-	1943
† Stacey, Thomas Allen, B.Ag.Sc.	-	1959
Stacy, John Michael Sholto, B.E.	-	1951
Stacy, Margaret Ruth, B.Sc.	-	1955
† Staer, Peter Alfred, M.B., B.S.	-	1958
Stagg, Ross Smith, B.E.	-	1955
Stahl, Margaret Anne, B.Sc.	-	1957
Stain, Maxwell Wright, B.D.S.	-	1944
Staker, Robert, B.E.	-	1956
Stalley, Douglas John, M.Ec. (B.Ec., 1947)	-	1955
Stalley, Joan Charmian, B.Sc.	-	1955
Stam, Robert Edward, M.B., B.S.	-	1949
Stanbury, Dennis George, M.B., B.S.	-	1957
Stanbury, Peter John Terence Cathcart, B.Sc.	-	1957

† Not yet Members of the Senate.

Stanley, Allen David, B.E.	1949	Stokes, Anne, B.Sc.	1943
Stanley, Brian Charles, LL.B.	1953	Stokes, Charles Herbert, B.A.	1956
Stanley, Laurence John, LL.B.	1925	Stokes, John, M.A. (B.A., 1947)	1948
Stanley, Neville Fenton, D.Sc. (B.Sc., 1942)	1954	Stokes, John Barrymore, M.B., B.S.	1951
Stanton, Robert Anthony, B.D.S.	1950	Stokes, John Lewis, M.B., B.S.	1941
Stapledon, David Hiley, B.Sc.	1951	Stokes, Judith, B.A.	1947
Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1949	Stokes, Laura Joan Hartley, B.Sc.	1940
Staples, Roy William Frederick, B.E.	1957	Stoll, Ruth Sophie, B.A.	1955
Stark, Alan Edmund, B.A.	1954	Stolz, Geoffrey Ernest, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Statton, Arthur Knight, B.Sc.	1922	Stolz, Kate Sophie, B.A.	1909
Statton, Josiah William, B.Sc.	1921	†Stone, Brian James, B.Sc.	1959
Statton, Keith Jeffery, M.B., B.S.	1944	Storch, Wilhelm Murray, B.A.	1938
Staude, Clarence Herman, B.A.	1947	Storer, Gerald Burdon, B.Sc.	1952
Stead, Sydney Arnold, B.Sc.	1933	Storer, Laurel Jean, B.A.	1937
†Stearne, John McKenzie, B.Sc.	1958	†Storer, Robin George, B.Sc.	1959
Steel, Barry John, B.Sc. (Western Australia, 1955)	1960	Story, Gordon Malcolm, B.E.	1950
†Steel, Roy Desmond Charles, B.Sc.	1958	†Stott, Douglas Wallace, B.Sc.	1958
Steele, David Macdonald, M.B., B.S.	1909	Stoutjesdijk, Albert Diederik Johan, M.B., B.S.	1953
Steele, David Macdonald, M.B., B.S.	1955	Strachan, James Charles Power, M.B., B.S.	1914
Steele, Donald Macdonald, M.B., B.S.	1919	Strange, Audrey Mavis, B.A.	1944
Steele, Ian Macdonald, M.B., B.S.	1948	Strange, Malcolm Leslie, M.A. (B.A., 1939)	1951
Steele, John Kevin, B.Ec.	1954	Strange, Ronald Glen, B.Ec.	1956
Steele, Laurence Russell, B.E.	1940	Stratmann, Paul Franz, M.B., B.S.	1933
Steele, Robert Ernest, M.B., B.S.	1952	Strawbridge, Albert Gordon, B.A.	1951
Steele, Robert Thornborough, M.B., B.S.	1942	Strehlow, Theodor Georg Heinrich, M.A. (B.A., 1931)	1938
Steele (nee Morris), Shirley Victoria, LL.B.	1933	Streich, Carl Ivo, M.B., B.S.	1919
†Steinle, John Richard, B.A.	1958	Stempel, Allan Arthur, B.E.	1952
Stephens, Charles Francis, B.Sc.	1897	†Stretton, Helena Margaret, B.Sc.	1960
Stephens, Charles George, M.Sc. (Tasmania, 1931)	1941	Stretton, Hugh, M.A. (Oxford, 1952)	1955
D.Sc.	1950	Stribley, Edwin John, M.A. (B.A., 1920)	1925
†Stephens, Clement John, B.A.	1959	Stribling, Ada Florence, B.A.	1925
Stephens, Ella Mary, B.A.	1915	Stuart, Cameron Kingston, LL.B.	1956
Stephens, Eric Goynne, B.Sc.	1912	Stuart, Noel Harry, B.Sc., B.E.	1928
Stephens, John Felton, M.Sc. (B.Sc., 1953)	1957	Stubber, Leo Anthony, M.B., B.S.	1953
†Stephens, Peter Donald, B.Sc.	1959	†Stubbs, Ruth Margaret, Mus.Bac.	1959
Stephens, Richard Clarence, B.D.S.	1951	Stuckey, Edward Joseph, B.Sc.	1895
Stephens, Sylvester Kevin, B.E.	1951	M.B., B.S.	1903
Stephenson, James Lewis, B.Ec.	1944	Stuckey, Francis Seavington, B.Sc.	1896
Stephenson, John Roy Becket, B.A.	1952	Sturmev, Stanley George, M.Ec. (B.Ec., 1950)	1953
Stephenson, Leonard Allenby, B.Sc. (Eng.)	1943	Sudholz, Herbert Frederick, B.D.S.	1930
Stephenson, Thomas Howard, B.E.	1933	Sugg, Bentham Horace, B.A.	1934
Stern, Leon Max, M.B., B.S.	1956	Sullivan, Margaret Rendle, B.A.	1943
Steven, Ian Matheson, M.B., B.S.	1956	Sullivan, Maxwell Douglas, B.Ec.	1951
Stevens, Edgar Loveday, LL.B.	1919	Sullivan, Phillip Grose, B.Sc.	1942
†Stevens, Iris Eliza, LL.B.	1960	Summers, Frank Henry, B.Sc.	1923
Stevens, John Alfred Fortington, B.D.S.	1948	†Summers, Graham Frank, B.Tech.	1960
Stevens, John Arnold, B.E.	1958	Sumner, Donald Ernest Wesley, M.B., B.S.	1952
Stevens, Richard Barrymore, B.E.	1952	Sumner, Donald James Robert, M.B., B.S.	1922
Stevens, Robert Peter, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1945	Sumner, Graham Edwin, M.B., B.S.	1955
B.Ec.	1960	†Surna, Nemira Ona, M.B., B.S.	1958
Stevens, William Edward, B.E.	1952	Susman, Shirley Jean, B.Sc.	1947
Stevenson, Arthur James, B.E.	1937	Suter, Alfred Charles, B.Sc. (Liverpool, 1910)	1912
Stevenson, Donald George, M.Sc. (B.Sc., 1950)	1952	Sutherland, Geoffrey Strafford, B.E.	1956
Stevenson, Frances Aimee, B.A. (Tasmania, 1923)	1926	Sutherland, Hamilton D'Arcy, M.S. (M.B., B.S., 1937)	1944
Steward, Harrold Dunning, M.B., B.S.	1951	Sutton, David John, Ph.D. (B.Sc., 1948)	1954
Stewart, Alastair Keith McKellar, M.B., B.S.	1951	†Sutton, Jeffery Robert Cost, B.Tech.	1958
Stewart, Colin Gore, B.A.	1914	Sutton, Laura Margaret, B.A.	1953
Stewart, Donald Peter Sinclair, B.Ec.	1952	†Sved, John Andrew, B.Sc.	1960
Stewart, Edgar Douglas James, B.E.	1947	Sved, Marta, B.Sc.	1956
Stewart, Geoffrey Daniel, M.B., B.S.	1957	Swaine, Cyril David, M.B., B.S.	1942
Stewart, Henry William James, B.E.	1952	Swan, Alan Keith, B.A.	1943
Stewart, John Innes Mackintosh, M.A. (Oxford, 1935)	1935	Swan, Charles Spencer, M.D. (M.B., B.S., 1935)	1941
Stewart, John Samuel, M.B., B.S.	1939	D.Sc.	1947
Stewart, John Stewart McKellar, M.B., B.S.	1942	Swan, Hilda Mary, B.A.	1940
†Stewart, Kenneth Duff, B.Ec.	1958	Swann, Eric John, M.B., B.S.	1924
Stewart, Margaret McKellar, B.A.	1937	Swann, Mary Caroline, B.Sc.	1951
Stewart, Vernon Allan Fergusson, M.B., B.S.	1939	Swanson, Albert Frederick Daniel, B.A.	1940
Stewin, Carl Ronald, B.E.	1955	Swanson, Thomas Baikie, M.Sc. (B.Sc., 1932)	1936
Stidston, Matthew Alfred Clement, B.Sc.	1936	Swayne, Joseph, B.A. (National, Ireland, 1915)	1921
†Stirling, Kenneth George, B.Ec.	1960	Sweatman, Thomas Rex, B.Sc.	1954
Stoate, Theodore Norman, D.Sc. (M.Sc., 1934)	1953	Sweeney, Gordon, B.E.	1924
Stobie, Peter James, M.B., B.S.	1952	Sweeney, James Gladstone, M.B., B.S.	1915
†Stock, Murray Clifford, B.Tech.	1958	Sweeney, John Gladstone, M.B., B.S.	1951
Stockbridge, Edgar Lambert, B.E.	1924	Sweeney, Mary Ryan, B.A.	1932
Stockbridge, John Keith, M.B., B.S.	1953	Sweeney, Murray Frank, B.E.	1950
Stockley, Henry William, M.B., B.S.	1954	Sweeney, Robert James, M.B., B.S.	1953
Stodart, Barbara Joan, B.A.	1953	†Sweeney, Trevor John, B.Tech.	1958
Stodart, Donald McLean, B.E.	1951	Sweetapple, George Frederick, B.Sc.	1945
Stoddart, Harold William Downing, M.B., B.S.	1911	Swift, Sir Brian Herbert, M.B., B.S. (Cambridge, 1916)	1920
		M.D. (Cambridge, 1936)	1936
		Swift, Harry Houghton, B.E.	1915

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Swift, Vera May, B.A.	1935	Taylor, Robert Herbert George, B.D.S.	1929
Swiggs, Francis, M.B., B.S.	1954	Taylor, Robert John, LL.B.	1951
† Sykes, Meredith Elizabeth, B.A.	1960	† Taylor, Rosemary Joan, B.A.	1960
† Sylow, Barbara Elizabeth Ruth, B.Sc.	1960	Taylor, Trevor Roy, LL.B.	1932
Symes, William David, M.B., B.S.	1952	Teesdale, Verner, M.B., B.S.	1954
Symon, Charles Craven, B.Sc.	1955	Teesdale-Smith, Malcolm, LL.B.	1954
Symon, Charles James Ballaarat, M.A. (Oxford, 1919)	1932	Teh, Peng Heng, M.B., B.S.	1955
Symon, David Eric, B.Ag.Sc.	1950	Tejwani, Khubo Gianchand, Ph.D.	1952
Symonds, Edwin Joseph Truman, B.E.	1926	Telfer, Douglas Ivan, B.A.	1945
† Symonds, Edwin Malcolm, M.B., B.S.	1958	† Temby, Allen Christopher, B.E.	1960
Symonds, George Burnett Lionel, B.E.	1919	Templer, Jeffrey Norman, B.E.	1941
Symonds, John Lloyd, B.Sc.	1944	Tennant, Maxine Rita, M.B., B.S.	1951
† Symonds, Josephine Beryl, B.Sc.	1960	Teoh, Hoon Leong, B.Ec.	1957
Symonds, Ruth Caust, B.A.	1950	Ternan, Verna Joyce, B.A.	1933
Symonds, Wybert Milton Caust, B.Sc.	1925	† Terrell, Richard Deane, B.Ec.	1958
Symons, Clifford Thomas, M.A. (B.A., 1929)	1936	Terrill, Frederick Edward, M.B., B.S.	1922
Symons, Edgar John, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948	Terrill, Samuel Ernest, B.Sc.	1927
Symons, Eric Lindsay, M.B., B.S.	1917	Tester, Donald Kenneth, B.Sc.	1951
† Symons, Frederick John Walter, B.E.	1960	† Teubner, Peter John Osmond, B.Sc.	1960
Symons, Frederick William, B.E.	1926	† Teusner, Berthold Herbert, LL.B.	1931
† Symons, Geoffrey David, B.Sc. B.A.	1959	† Teusner, Terence Theodor, M.B., B.S.	1959
† Symons, Gordon Joseph, B.A.	1958	Tew, John Hedley Brian, M.A. (Ph.D., Cambridge, 1940)	1947
Symons, Jack Gilroy, B.E.	1936	† Texler, Eva, M.B., B.S.	1942
Symons, Lawrence Eric Alexander, M.Sc. (B.V.Sc., Sydney, 1953)	1960	† Texler, Karl Christopher, M.B., B.S.	1959
Symons, Lloyd Alfred Grigg, B.A.	1928	† The, Gregorius Maria Swie Siong, B.E.	1960
Symons, Margaret Anne, B.A.	1957	† Theng, Kian Goan, Benny, B.Ag.Sc.	1960
† Symons, Mark Gail, B.E.	1959	Thiel, Colin Victor, B.Sc.	1949
Symons, Peter Norman, B.E.	1957	Thiele, Colin Milton, B.A.	1941
Symons, Reginald Albert, LL.B.	1927	Thiele, James Barnabas, Mus.Bac.	1952
† Symons, Stuart Barry, B.D.S.	1959	Thiersch, Johannes Bernhard, M.D. (Freiburg, 1935)	1938
† Szekeres, Peter, B.Sc.	1960	† Thiselton, Malcolm Robert, B.Tech. Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1960
T			
Tauber, Robert Lindsay, B.Sc.	1951	Thomas, Alfred John Thornley, M.B., B.S.	1949
† Tait, Maurice Hector, B.Tech.	1958	Thomas, Arthur Robin, B.E.	1936
Tait, Robert William Francis, Ph.D. (Birmingham, 1943)	1954	Thomas, Brian Gordon, M.B., B.S.	1947
Talbot, James Lawrence, M.Sc. (M.A., California, 1957)	1959	Thomas, David Austin Grenfell, LL.B.	1931
† Tam, Chat Tim, B.E.	1959	Thomas, David John Saint, B.E.	1932
Tamblyn, Eric Joseph, M.B., B.S.	1936	Thomas, Edmund Paget, B.Ec. (B.Sc. (Econ.) London, 1953)	1955
Tamlin, Eric Arthur, B.Sc.	1956	Thomas, Harold Davey, B.E.	1935
† Tan, Chat Hong, B.E.	1959	Thomas, Ifor Morris, M.Sc. (Cardiff, 1938)	1949
† Tan, Kong Chin, M.B., B.S.	1959	Thomas, Jack, B.Sc.	1934
Tan, Loraine Sio Tian, M.B., B.S.	1955	Thomas, Jeffery Josiah, B.Sc. (Eng.)	1945
† Tang, Teng Kooi, M.B., B.S.	1958	† Thomas, Jennifer Mary, B.A.	1960
Tanko, Robert Seymour, B.D.S.	1951	Thomas, John Angas, B.Sc.	1948
Tanner, Garnet Albert, B.E.	1932	† Thomas, John Baden, B.Tech.	1960
Tanner, George Pelham, B.A. (Oxford, 1908)	1912	† Thomas, Josephine Anne, B.Sc.	1960
Tansell, Robert Cameron, B.E.	1952	Thomas, Joyce Amy, B.Sc.	1949
Tapp, Adrian Lynda, B.A.	1928	Thomas, Kenneth Donald, B.A.	1953
Tapp, William Pelton, B.E.	1950	Thomas, Kenneth Hewitson, B.Ec.	1953
Tardrew, Philip Leslie, B.Sc.	1945	Thomas, Margaret Helen, B.A.	1934
† Tarrant, Frederick Martin, B.Tech.	1958	Thomas, Marjorie Phyllis Casley, M.B., B.S.	1927
Tassie, Gemmel, M.B., B.S.	1926	Thomas, Milton, B.Sc.	1950
Tassie, Gemmel Wilson, M.B., B.S.	1955	Thomas, Richard Grenfell, B.Sc.	1924
Tassie, Jean Reid, B.A.	1914	Thomas, Trevor Wilson, B.A.	1939
† Tassie, John, B.Ec.	1960	Thomas, Walter Warren, B.E.	1951
Tassie, Joyce Gemmel, B.Sc.	1940	Thomas, Wesley James, B.Sc.	1952
Tassie, Judith Anne, M.B., B.S.	1957	Thomas, William Lancelot, B.A.	1925
Tassie, Robert Wilson, B.E. (B.Sc., 1907, surrendered)	1918	Thompson, Aileen Joyce, B.Sc.	1950
Tattersall, Ila, B.A.	1944	Thompson, Alexander McQueen, M.B., B.S.	1937
† Tay, Sin Yan, B.E.	1959	Thompson, Anthony George, B.E., (N.Z., 1947)	1959
† Taylor, Andrew Leslie, B.Ag.Sc.	1960	Thompson, Arthur Melville, B.Sc.	1936
Taylor, Brian Breslin, B.E.	1952	Thompson, Basil Clive, B.E.	1955
† Taylor, Brian Kenwyn, B.Ag.Sc.	1960	Thompson, Bryan William, M.B., B.S.	1957
Taylor, Colin Stephen, B.E.	1948	Thompson, Douglas Norman, B.Sc.	1949
† Taylor, Darnley Harry Gilmore, B.Ec.	1958	Thompson, Frank Howard, B.A.	1955
Taylor, David John, B.Sc.	1956	Thompson, Frederick Verner, B.Sc. (Eng.)	1948
Taylor, Donald William, B.E.	1931	Thompson, Jean Fleming, B.A.	1928
Taylor, Douglas McLeod, B.A.	1951	Thompson, Jessie Mildred, B.A.	1939
Taylor, Geoffrey Hamlet, M.Sc.	1953	Thompson, John Evelyn, M.B., B.S.	1955
Taylor, Herbert Richard, B.A.	1932	Thompson, John Robert, M.B., B.S.	1938
† Taylor, James Bruce, B.Ag.Sc.	1959	Thompson, John Ronald, B.D.S.	1941
Taylor, Jennifer Ann, B.A.	1953	Thompson, Leonard Arthur, B.D.S.	1950
Taylor, John Kingsley, M.Ag.Sc. (M.S., California, 1923)	1954	Thompson, Malcolm James, Ph.D. (B.Sc., 1953)	1958
Taylor, Keith Clarence, B.E.	1957	Thompson, Maxwell Andrew, B.E.	1952
Taylor, Kevin Lyle, B.Sc.	1950	Thompson, Noel, B.Sc.	1954
Taylor, Lindsay Bairstow, B.Sc. (Eng.)	1942	Thompson, Rex Palmerstone, B.Sc.	1948
Taylor, Michael Gleeson, M.D. (M.B., B.S., 1951)	1956	Thompson, Thomas Alexander, B.Sc.	1936
Taylor, Reginald Morton, B.Sc.	1951	Thompson, William, B.A.	1936
		† Thompson, William Gordon, LL.B.	1959
		Thomson, Beresford John Rodger, B.D.S.	1957

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Thomson, Brendan Patrick, M.Sc. (B.Sc., Western Australia, 1941)	1957
Thomson, Bruce James, B.Sc.	1950
Thomson, Bruce William, B.D.S.	1957
Thomson, Cedric Jeffrey, LL.B.	1951
†Thomson, Ian Alexander, B.Tech.	1958
Thomson, Janet Elizabeth, B.Sc.	1956
Thomson, Joanna Eristoun, B.A.	1948
Thomson, Keith Westhead, Ph.D. (Washington, 1953)	1954
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
†Thong, Chee Loen, Raymond, B.E.	1958
Thornton, Digby Noel, M.B., B.S.	1951
Thornton, Gayfield Collins, M.B., B.S.	1943
Thorpe, Geoffrey William, B.A.	1955
Thredgold, Beatrice Marie, B.A.	1928
Thrum, Edward Allen, B.Sc.	1921
B.E.	1924
Thrush, Harry Clifford, B.A.	1915
†Thwaites, Neil Harry, B.Tech.	1960
Thyer, Alexander Maitland, M.E. (B.E., 1924)	1936
Thyer, Frederick Lewis, M.B., B.S.	1923
Thyer, Robert Francis, B.Sc.	1932
Tideman, Arthur Frederick, B.Ag.Sc.	1953
Tideman, Frederick William, B.E.	1925
Tidemann, Ernest Phillips, B.D.S.	1933
Tidswell, Bruce Allison, B.D.S.	1955
Tiegs, Oscar Werner, D.Sc. (B.Sc., Queensland, 1919)	1922
Tilbrook, Norman Keith, B.E.	1949
Tilbrook, Percival Montrose Torr, B.A.	1954
Tilemann, Rosemary, B.A.	1957
Till, Maxwell Roy, B.Ag.Sc.	1949
Tiller, Kenneth Matthew John, B.Sc. B.A.	1949
1955	
Tiller, Kevin George, M.Sc. (B.Sc., 1953)	1957
Tillett, Peter Irvin, B.Sc.	1956
Tilley, Cecil Edgar, B.Sc.	1914
Tilly, Graham John, B.Sc.	1957
Timcke, Edward Waldemar, B.A.	1920
Tindale, Beryl Rae, B.A.	1943
Tindale, Norman Barnett, B.Sc.	1932
Tindall, Colin James, LL.B.	1957
Tindall, Ronald Graham, B.Sc.	1956
Tippling, Richard Michael, M.B., B.S.	1953
Tiver, Athol, B.Ag.Sc.	1956
Tiver, Newton Stanley, M.Sc. (B.Ag.Sc., 1940)	1947
Tiver, Ronald Wayland, B.D.S.	1943
Todd, Arnold Charles, B.E.	1955
†Toh, Kim Thy, B.E.	1959
Tohver, Ilmar, B.D.S.	1955
Tolcher, Vernon Arthur, B.E.	1953
Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Tolmie, Ronald Philip, B.E.	1957
Tomlin, Stanley Gordon, Ph.D. (London, 1945)	1960
Tomlinson, Betty Mary, B.A.	1939
Tomlinson, William Frederick, M.B., B.S.	1939
Tonkin, Aubrey Douglas, M.B., B.S.	1951
Tonkin, David Oliver, M.B., B.S.	1953
Tonkin, Donald Geoffrey, B.E.	1953
Tonkin, Mary Elizabeth, B.A.	1944
Tonkin, Raymond George, M.B., B.S.	1937
Tonkin, William Richards, M.B., B.S.	1921
†Toop, Beryl Rachel, B.Sc.	1959
Toovey, Douglas Reginald, B.Ec.	1957
Tooze, Mervyn John, B.Sc.	1947
Topliss, John George, M.B., B.S.	1950
Topperwein, Irwin, M.A. (B.A., 1922) B.Sc.	1924
1925	
Torr, Shirley Constance, B.A.	1944
Torr, Thomas Harold, M.B., B.S.	1953
Tostevin, Alfred Ladyman, M.B., B.S.	1923
Tostevin, Graham Mark, M.E. (B.E., 1953)	1957
Tothill, Judith Windebank, B.A.	1953
Toussaint, Rose Evangeline, M.B., B.S.	1953
Townsend, Douglas George, M.B., B.S.	1956
Townsend, Herbert Louis, B.A.	1941
Townsend, Norman Charles Wilson, M.B., B.S.	1956
Tozer, Ross Leonard, M.B., B.S.	1957
†Tracey, Alan James, B.Tech.	1959
Tracger, Keith Terence, B.A.	1949
Tratman, Frank, M.D. (London, 1892)	1899
Traub, Max, M.B., B.S.	1952
Trauer, Robert, M.B., B.S.	1952
Travers, John Leo, LL.B.	1920
Treasure, Eunice Jessie, B.A.	1944
Treasure, Valda Beth, B.A.	1951
Trebilcock, John Bungey, M.B., B.S.	1953
Tregenza, Alan Arthur, B.A.	1949
Tregenza, Jean Florence, B.A.	1955
Tregenza, John Miller, M.A. (B.A., 1953)	1956
Tregenza, Sydney Lloyd, B.A.	1923
Tregonning, Alexander Gillespie Anthony, M.B., B.S.	1951
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
Treloar, Francis Edward, Ph.D. (B.Sc., 1954)	1959
†Treloar, Gwenyth Florence, B.A.	1960
Treloar, Hugh Kingsley, LL.B.	1951
Treloar, John Harvey, B.E.	1954
Treloar, Lionel Hammond, LL.B.	1957
Treloar, Ronald William, B.Ec.	1957
Tremain, Allen Maurice, B.Sc.	1943
Trembath, Frank Everard, M.B., B.S.	1944
†Tremlett, Ian Walter, B.Ec.	1958
Trendall, Arthur Dale, D.Litt. (New Zealand, 1936)	1960
Trenerry, Roger, B.E.	1948
Trenorden, Ailsa Gwynne, B.Sc.	1952
Trenorden, Glenwynne Eva, B.A.	1934
Trenorden, James Henry, B.A.	1945
Trestrail, Hugh Alexander, B.E.	1937
Trethewie, Everton Rowe, M.D. (Melbourne, 1939)	1944
Trevaskis, John Reginald, M.A. (Cambridge, 1948)	1958
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, Leonhard Paul, B.A.	1957
Trudinger, Malcolm August, M.B., B.S.	1927
Trudinger, Martin, B.A.	1912
Trudinger, Philip Alan, Ph.D. (B.Sc., 1948)	1955
Trudinger, Ronald, B.Sc.	1905
M.B., B.S.	1909
Trudinger, Ronald Martin, B.A.	1943
Trumble, Hugh Christian, D.Sc. (M.Ag.Sc., Melbourne, 1927)	1937
Trumble, Hugh Peter Christian, B.Ag.Sc.	1949
†Tsangaris, George Paul, B.A.	1959
Tuck, Bernard Geoffrey, LL.B.	1933
†Tuck, Ernest Oliver, B.Sc.	1959
Tuck, Gilbert Playford, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Tuck, Harry Playford, B.Sc.	1915
M.E. (B.E., 1920)	1943
Tuck, Raymond Allen, B.Sc.	1939
Tucker, Bruce Mollet, M.Sc. (B.Sc., 1941) B.A.	1958
1956	
†Tucker, Gaye Wayte, M.B., B.S.	1959
Tucker, Harold Norman, LL.D. (D.C.L., Oxford, 1946)	1947
Tucker, Howard Erskine, LL.B.	1920
Tucker, William George Shaw, M.B., B.S.	1957
†Tuckwell, Elliot Carby, B.Sc.	1958
Tuckwell, Eric Clavering, B.A.	1940
Tuckwell, Kenelm Sinclair, B.A.	1930
Tuckwell, Roger Hamilton, B.Ec.	1956
Tunbridge, Peter Brett, M.B., B.S.	1953
Turnbull, Gordon McLeod, M.B., B.S.	1937
Turner, Arthur Noel, M.B., B.S.	1952
Turner, Betty Gretton, B.Sc.	1937
Turner, Charles Trevor, M.B., B.S.	1914
Turner, Constance Mary, B.A.	1951
Turner, Donald Lionel, B.Sc.	1947
Turner, Edward Robert, B.E.	1932
†Turner, Elizabeth Rosemary, B.A.	1960

† Not yet Members of the Senate.

Turner, Frederic Boyd, M.B., B.S.	1933
Turner, Helena Gladys, B.Sc.	1940
Turner, Keven James, Ph.D. (B.Sc., 1952)	1956
Turner, Nancy Gretton, B.A.	1937
Turner, Tennyson, LL.B.	1952
B.A.	1954
Turner, Thomas William, M.B., B.S.	1956
Twartz, Arnold Frederick, B.Sc.	1936
Twelftree, Clifford Croft, B.A.	1938
Twidale, Charles Rowland, Ph.D. (McGill, 1957)	1960
†Twist, Raymond Frank, B.Sc.	1960
Twopeny, John Richard Nowell, B.E.	1952
Tynas, Margaret Elizabeth, B.Sc. (London, 1905)	1905
Tyler, Donald Henry, B.E.	1947
Tymons, Clement James, B.D.S.	1945
Tymons, Frances Teresa, M.B., B.S.	1953
Tynan, Arthur Ernest, B.Sc.	1955
Tyson, Angus Gordon, M.Sc. (B.Sc., 1949)	1954

U

Underdown, Reginald Edward, M.Sc. (B.Sc., 1952)	1958
B.Tech.	1959
Ungar, Emeric Imre, M.B., B.S.	1952
Upton, Alethea Mary, Mus.Bac.	1941
Upton, William Carrick Tunk, M.B., B.S. (M.B., Ch.M., Sydney, 1919)	1935
Urban, Ernest, B.E.	1952
M.B., B.S.	1957
Urban, Friedrich, M.B., B.S.	1942
†Urban, Marianne, M.B., B.S.	1958
Urban, Regina, B.D.S.	1942
Ure, Constance Douglas, B.Sc.	1930
Ure, Gwendolen Helen, LL.B.	1923
†Uren, Anthony John, B.Ec.	1960
†Urmonas, Romualdas, B.E.	1958
Urwin, Jack Robson, Ph.D. (B.Sc., 1950)	1954
Usher, Alan Bruce Grant, B.E.	1955
Usher, Emilie Pauline, B.A.	1950

V

†Vachlas, Zafrios, B.Tech.	1959
†Valente, Leonard Joseph, M.B., B.S.	1958
Van Abbe, Derek Maurice, Ph.D. (Melbourne, 1952)	1953
†Van Gelder, Malcolm Montague, B.Tech.	1958
Van Kappel, Hendrik Hendrikus, B.E.	1957
Van Senden, Raymond Redvers, B.E.	1924
†Van Steenis, Dick, M.B., B.S.	1959
†Van Steenis, Helen, M.B., B.S.	1959
Van Velsen, Reuben John, M.Ag.Sc. (B.Ag.Sc., 1957)	1960
Vance, Christina Elizabeth, B.Sc.	1935
Vanstone, Bartley James, B.D.S.	1946
†Varley, Bryon Charles, B.Tech.	1960
†Vasudevan Menon, Cherubala Pathayapurayil, M.B., B.S.	1960
Vaudrey, Mary, B.A.	1933
Vawser, John Alfred, B.E.	1926
Vawser, Keith Derwent, B.E.	1954
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, Lois Rita, B.A.	1956
Verrall, Raymond Wilfred, B.A.	1937
Verrall, Roswell Victor, B.E.	1947
Vick, Lloyd Winston, Mus.Bac.	1956
Vickery, Frederick Arthur, M.A. (B.A., 1928)	1931
Vickery, Margaret, B.A.	1952
†Viggers, George Beddoe, B.A.	1958
†Vigor, David Bernard, B.A.	1960
†Vijh, Inder Jit, B.E.	1958
Vincent, David James, B.D.S.	1949
Vincent, Francis William, B.E.	1950
†Vitolins, Maija Irena, B.Sc.	1959
Vivian, Arthur Brian, M.B., B.S.	1950

Vnuk, Frantisek, B.Sc.	1955
B.A.	1957
Vogt, Brian Joseph, B.E.	1953
Vogt, Ronald Walter, B.Sc. (Eng.)	1947
Von der Borch, Christopher Carl, B.Sc.	1957
Von der Borch, Rudolph Hermann, M.B., B.S.	1926
Vowles, Rex Eugene, M.E. (B.E., 1937)	1939
Vowles, Norman Joseph, B.D.S.	1957
†Vowles, Robert Clayton Hay, B.E.	1960
Voyzey, William, B.A.	1959
†Vyse, Mignon Rosina, M.B., B.S.	1959

W

Wache, Ethel Mabel, B.A.	1939
Waddy, Brian Cadwallader, M.B., B.S.	1952
Waddy, John Lane, M.B., B.S.	1948
B.Sc.	1959
Wade, Mary Julia, Ph.D. (B.Sc., 1951)	1959
Wadham, Elizabeth Jean, M.A. (B.A., 1953)	1954
Wadsworth, Bernard Francis Peter, M.E. (B.E., 1956)	1960
Waechter, Raymond Trevor, B.E.	1957
Wagner, Barbara Joan, B.D.S.	1942
Wagner, Franz William, B.Sc.	1928
Wahlquist, Eric Gilbert, B.A.	1951
Wainwright, Charles Leonard, B.Sc.	1900
Wait, Marthe Lucy, M.A. (B.A., 1920)	1922
Wait, Yvonne Lois, M.A. (B.A., 1926)	1932
Waite, Jack Francis Enos, B.A.	1936
Wake, Roderick Barry, B.E.	1951
Wakeford, Sidney Claud, B.A.	1937
Waldeck, Reginald David Chapple, B.A.	1950
Walker, Alexander John Kerry, B.Ag.Sc.	1939
Walker, Christina Annie, LL.B.	1935
Walker, Ellen Lawson, B.Sc.	1899
Walker, Gilbert John, B.A.	1940
Walker, Gordon Harold, B.E.	1952
Walker, Ian Saville, Ph.D. (B.Sc., 1952)	1956
Walker, Jane Elizabeth, B.A. (Wales)	1908
Walker, Janice Phyllis, B.A.	1956
Walker, John Adrian Mozar, M.B., B.S.	1951
Walker, John Schomburgk, B.Sc.	1926
Walker, Mildred, B.A.	1928
Walker, Reginald Jeffrey, M.B., B.S.	1952
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. (B.A., 1949)	1950
†Wall, Brian Henry, B.E.	1958
Wall, Gordon Elliott, B.Sc.	1947
Wall, Ian Baker, B.E.	1955
Wall, Margaret Esther, B.Sc.	1951
Wallace, Donald, B.A.	1939
Wallace, Frank Kenneth, M.B., B.S.	1934
†Wallace, Malcolm Maxwell, M.B., B.S.	1959
Wallace, Robert Henry, B.Ec. (B.Com., Melbourne, 1952)	1958
Wallace, Sir Robert Strachan, M.A. (Oxford)	1926
Wallman, Ian Stuart, M.B., B.S.	1947
Wallman, James Douglas Robson, M.B., B.S.	1951
Wallman, Leigh Stuart, M.B., B.S.	1940
Wallman, Neil Stuart, M.B., B.S.	1944
Wallman, Nugent Horton, LL.B.	1937
Wallman, Rex Horton, B.D.S.	1951
Wallman, Richard John Robson, M.B., B.S.	1951
Wallmann, Douglas Robson, M.B., B.S.	1918
Wallmann, Reginald Horton, LL.B.	1907
Walmsley, Norman Stuart, B.D.S.	1952
Walmsley, Robert Leitch Eric, M.B., B.S.	1920
Walsh, Brian Richard, M.B., B.S.	1950
Walsh, Dorothy Counley, B.A.	1921
Walsh, Elizabeth Jan, B.A.	1956
Walsh, Esmond Thomas, M.B., B.S.	1926
Walsh, Frances Mary, B.A.	1931
†Walsh, Geoffrey Coode, B.E.	1959
Walsh, Kevin Gerald, LL.B.	1932
Walsh, John Francis Anthony, M.B., B.S.	1955
Walsh, Margaret Mary, B.A.	1951
Walsh, Reginald Clarence, B.E.	1925
Walter, Denys, B.Ec.	1955
Walter, Harold Noel, B.E.	1936
Walter, Hilda Blanche May, M.A., (B.A., 1913)	1915
Walter, William Ardagh Gardiner, B.A. (Oxford, 1908)	1909
Walters, Francis Victor Charles, B.E.	1953
Walters, George Henry, LL.B.	1936

† Not yet Members of the Senate.

Walters, Max Norman Isadore, M.B., B.S.	1954	Webb, Emmaline Nancy, B.A.	1949
Walters, William Allen Wilcox, M.B., B.S.	1956	Webb, John Edward, B.Sc. (Eng.)	1942
† Waltham, Francis Frederick Bowering, B.Tech.	1959	Webb, John Newton, M.B., B.S.	1917
Walton, Bruce Adrian, B.Sc.	1945	Webb, Kenneth Alfred, B.E.	1953
† Walton, Geoffrey Norman, B.E.	1960	Webb, Mary Gwendoline, B.A.	1937
Walton, Gertrude Mary, B.A.	1904	Webb, Rita Gwendoline, B.A.	1930
Walton, Shirley-Anne Champion, B.A.	1956	† Webber, Brian John, B.Sc.	1959
Walz, Joseph Michael, B.A.	1945	Webber, Colin Russell, B.E.	1952
† Wangel, Anders Gustaf, M.B., B.S.	1959	Webber, Ian Ernest, B.E.	1957
Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947	Webber, Muriel Esme Jill, B.A.	1957
Wannan, Ellen Sarah, B.Sc.	1930	Webber, Ronald Thomas John, B.Ag.Sc.	1948
Ward, Cyril Michael, M.A. (B.A., 1910)	1912	Webbling, Donald D'Arcy, B.Sc.	1950
Ward, Denby Harcourt, B.E.	1955	M.B., B.S.	1955
Ward (nee Claridge), Evelyn Dorothy, B.Sc.	1935	Webster, Raymond Murray, B.Sc.	1938
Ward, Geoffrey Grant, M.B., B.S.	1955	Webster, Stanley George, M.B., B.S.	1951
Ward, Gerald Michael, LL.B.	1949	Webster, Wilfred Grant, B.Sc.	1949
Ward, Harry Lancelot, B.A.	1920	Westman, Alan Russell, M.B., B.S.	1951
Ward, Jean Russel, B.A.	1939	Wegener, Clemens Frederick, B.Sc.	1949
Ward, Kevin James, LL.B.	1949	Wegener, Richard Albert, B.E.	1948
Ward, Leonard Keith, B.E. (Sydney, 1903) D.Sc.	1913	Weidenbach, Neil, B.Sc.	1954
Ward, Leonard Rosslyn, B.E.	1932	† Weigold, Erich, B.Sc.	1958
† Ward, Margaret Hawthorne, B.Sc.	1958	† Weigold, Helmut, B.Sc.	1960
Ward, Margaret Kennings, B.A.	1947	Weir, Isobel, B.A.	1914
Ward, Robert Hayes, LL.B.	1936	† Weir, Ronald Colin, B.Sc.	1959
Ward, Russel Braddock, M.A. (B.A., 1936)	1950	Weiss, Alan Austin, Ph.D. (B.Sc., 1950)	1955
Warden, Robert Douglas Cunningham, LL.B.	1951	Weiss, Donald Eric, D.Sc. (B.Sc., 1945)	1960
† Ware, Dorothy Alice, B.A.	1960	Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932)	1941
Warhurst, Barbara Wilfred, B.Sc.	1938	† Weissman, Gerhard, B.Tech.	1958
Wark, Bruce Goodman, B.D.S.	1953	Welbourn, Alan Egerton, B.E.	1937
† Warne, Keith Raymond, B.Sc.	1959	Welbourn, Barbara Egerton, B.Sc.	1941
Warner, John Raymond, B.A.	1959	Welbourn, Eleanor Egerton, B.A.	1948
Warren, Donald Hampton, B.A.	1942	Welch, Arthur Walter Sydney James, M.B., B.S.	1923
Warren, Sidney Lilla, B.A.	1915	Welch, Frank Edison, M.B., B.S.	1936
Waterhouse, Edward John, B.Ag.Sc.	1953	Welch, Horace Henry Eric, B.E.	1938
Waterhouse, George Saville, B.A.	1955	Welch, Howard Walter, M.B., B.S.	1954
Waterhouse, Louis David, LL.B.	1914	† Welch, Ian Donald, M.B., B.S.	1960
Waterhouse, Ronald Creaves, M.B., B.S.	1952	Weld, Elizabeth Eleanor, M.B. (Melbourne, 1901)	1901
Waterhouse, Thomas Henry, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948	Wellby, Maurice Lindsay, M.Sc. (B.Sc., 1950) M.B., B.S.	1954
Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	† Weller, Keith Russell, B.E.	1960
Waters, Russell Kyle, B.A.	1949	Weller, Raymond Alfred, B.Sc.	1948
Waterson, John Gabriel, B.D.S.	1945	Wellington, Hugh Kennedy, B.E.	1948
Watkins, Charles Thomas, LL.B.	1907	Wells, Barbara Gordon, M.B., B.S.	1951
Watkins, Edward Hamner, M.E. (B.E., 1959)	1960	Wells, Cedric Bayford, M.Ag.Sc. (B.Ag.Sc., 1951)	1959
Watkins, John Leslie, B.E.	1933	Wells, Clarence Gordon, M.B., B.S.	1921
Watkinson, Mavis Daphne, B.A.	1937	Wells, Elizabeth Anne, B.A.	1949
Watson, Arthur John, M.B., B.S.	1953	Wells, Elizabeth Wynne, B.A.	1934
Watson, Brian, B.E.	1957	† Wells, Gregory Samuel, B.Sc.	1959
Watson, Christopher Lex, B.Ag.Sc.	1957	† Wells, Julian Richard Este, B.Ag.Sc.	1959
Watson, David Stanley, B.Sc.	1954	Wells, Margaret Suzanne, B.A.	1953
Watson, Donald Robert, B.E.	1951	† Wells, Peter, M.B., B.S.	1960
Watson, George Michael, M.B., B.S.	1936	Wells, William Andrew Noye, LL.B.	1945
Watson, Graeme Douglas, B.A.	1957	Welsh, James Oglesby, B.A.	1948
Watson, John Champion, B.E.	1956	Wemyss, Eleanor Evelyn Beatrice, M.A. (B.A., 1921)	1924
Watson, Joyce, B.A.	1937	† Wemyss, Robert John, B.Ec.	1960
Watson, Kenneth Graham, M.B., B.S.	1953	Wenham, Muriel, B.A.	1954
Watson, Margaret Arden, B.Sc.	1940	Wennerbom, Alan John, B.Sc.	1956
Watson, Patricia Ball, M.B., B.S.	1952	Were, John Owen, B.A.	1933
Watson, Ruth, M.Sc. (B.Sc., 1934)	1938	Wesley Smith, Henry Elliott, B.A.	1936
Watson, Timothy Alfred Francis Quinlan, M.Sc. (B.Sc., 1939)	1945	Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926)	1949
Watt, Fanny Eileen, M.A. (B.A., 1927)	1930	West, Alan William, LL.B.	1957
Wattchow, Colin Edward, B.A.	1949	West, Arthur George Bainbridge, M.A. (Oxford, 1892)	1897
Watts, Edith Isabel, B.A.	1935	West, Bruce Oswald, Ph.D. (B.Sc., 1948)	1954
Watts, Norman Clarence, B.E.	1956	West, Doris Marjorie, B.A.	1921
† Watts, Robin John, LL.B.	1959	West, Eric Stodden, B.Sc.	1921
Watts, Ruth Emily, B.A.	1949	West, Esmond Frank, M.B., B.S.	1922
Watts, John Clyde, B.Sc.	1949	West, John Burnard, M.D. (M.B., B.S., 1952)	1959
Wauchope, Diana D'Este, B.Sc.	1949	West, John Stanley, B.E. (B.Sc., 1907, surrendered)	1914
Wauchope, Diosma Marie, B.A.	1923	West, Leonard Roy, M.B., B.S.	1934
Wauchope, Frederick John, B.Sc.	1930	West, Reginald Arthur, M.A. (B.A., 1902)	1905
Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918)	1924	West, Robert Frank, M.D. (M.B., B.S., 1935)	1949
Wauchope, Mavis Lorelie, M.A. (B.A., 1923)	1936	West, Rosemary Ruth, M.B., B.S.	1954
† Waugh, David McBride, B.E.	1959	Westerman, Franklinna Sisley, B.D.S.	1946
Waugh, William McDonald, B.A.	1951	Westerman, Roderick Alan, M.B., B.S.	1954
Way, Leslie Edward, B.Sc.	1949	Westgarth, Walter Tebble, M.A. (B.A., 1925)	1929
Way, Neville James, M.B., B.S.	1948	Westley, John French Hebbart, B.E.	1957
Way, Thomas Hubert, B.E.	1952	Weston, Frank Keith, B.A.	1950
Waye, Peter Neil, LL.B.	1951	M.B., B.S.	1957
Wearne, Enid Lois, B.A.	1948	Westphalen, John Arthur, B.Sc.	1950
Webb, Arthur Liddon, M.B., B.S.	1922	Westphalen, Kenneth John, M.B., B.S.	1953
Webb, Bruce Phillip, M.Sc.	1954		

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Whalan, Lionel Walter, B.A.	1948	Wicks, Graham Ralph, M.B., B.S.	1954
Wharhirst, Gwendolen Elizabeth, M.A. (Oxford, 1940)	1945	Wicks, Norman Stephen Price, M.B., B.S.	1947
Wheatley, Frederick William, B.A. D.Sc.	1904	†Wiencke, George Edwin, B.Tech.	1959
Wheaton, Geoffrey Brendan, B.E.	1918	Wien-Smith, Geoffrey, M.B., B.S.	1915
Wheaton, Malcolm Alfred, M.B., B.S.	1956	†Wiese, Margaret Helen, B.A.	1958
Wheaton, Neville Alistair, B.E.	1954	Wiesner, Clarence Jack, B.Sc.	1935
Wheaton, Neville Kingsley, B.Sc.	1956	Wigan, Leonard James Cleveland, B.E.	1921
Wheaton, Russell Norman, B.Sc.	1952	†Wigan, John Leonard Cleveland, B.E.	1959
Wheeler, Harry Winslow, B.Sc.	1929	†Wigg, David Ross, M.B., B.S.	1960
Wheeler, Reginald John, M.B., B.S.	1930	†Wigg, Hugh Higham, B.E.	1960
Whelan, John Thomas, B.Ec.	1952	Wigg, Neil Thornburn Melrose, M.B., B.S.	1925
Whelan, Robert Ford, M.D. (Belfast, 1951)	1958	†Wigg, Philip Melrose, B.Ag.Sc.	1960
Whibley, Cyril George, B.E.	1927	Wigg, Ronald Melrose, M.E. (B.E., 1921)	1945
Whillas, Geoffrey French, B.Sc.	1946	†Wigglesworth, Sidney Thomas, B.E.	1959
Whillas, Jean Kathleen, M.A. (B.A., 1947)	1952	Wight, Albert James, B.E.	1936
Whitburn, Jack, B.A.	1931	Wight, Albert Raymond, B.E.	1914
White, Allan James Risley, B.Sc.	1952	Wight, Hillier Clement, B.E.	1933
White, Anthony Hopper, B.Sc.	1951	Wight, Hugh Humphrey, B.Sc. M.E. (B.E., 1930)	1929
White, Brian Ross, B.Sc.	1947	Wighton, Dugald Craven, M.B., B.S.	1937
White, Elizabeth Alice, B.A. Mus.Bac.	1956	Wighton, Helen Craven, B.A.	1938
White, Francis Richard, B.D.S.	1959	Wighton (nee Blackburn), Rosemary Neville, B.A.	1945
†White, Geoffrey Fowler, B.Ec.	1950	†Wigley, Tom Michael Lampe, B.Sc.	1960
White, Hedley John, B.E.	1960	Wignall, Douglas Ronald, B.A.	1948
White, Helena Victoria, B.A.	1950	Wilcher, Lewis Charles, B.A.	1929
White, Henry Douglas, B.A.	1934	Wildy, Ralph Alderman, B.E.	1938
White, James Michael, LL.B. B.A.	1943	Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942)	1951
White, Joan Hazel, M.B., B.S.	1951	Wilhelm, Walter Gerhard, B.E.	1953
White, John Baron, B.E.	1956	Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948
White, Joseph Charles, B.Ec.	1949	†Wilkins, Noel Aldridge, B.Ec.	1958
White, Joyce Winifred, B.A.	1955	Wilkins, Ray Eber, B.A.	1948
White, Kenneth Elsdon, B.E.	1945	Wilkinson, Donald Cameron, B.A.	1952
White, Lesson Desmond, B.E.	1948	Wilkinson, Graham Neil, M.Sc. (B.Sc., 1953)	1958
White, Maureen Therese, B.Sc.	1957	Wilkinson, Harold Callan, B.E.	1931
White, Michael Leonard, B.E.	1956	Wilkinson, Herbert John, B.A. M.D. (Sydney, 1930)	1914
White (nee Healy), Nora Kate, B.A.	1939	Wilkinson, Philomena Mary, B.A.	1934
White, Phyllis, B.Sc. (Sydney, 1920)	1922	Wilkinson, Robert Stuart, M.B., B.S.	1949
White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1939	Wilkinson, Stewart Rex, B.A.	1939
White, Ray Baron, B.E.	1942	Wilkinson, Thomas Lancelot, B.Sc.	1950
†White, Roderick James, LL.B.	1947	Wilksch, Betty Ruth, B.A.	1925
White, Rodney Gordon, M.B., B.S.	1958	†Wilksch, Lois Ruth, B.A.	1949
White, Ruth Baron, B.Sc.	1949	Willcocks, Robert Douglas, B.Sc.	1960
White, Stanley Noel, B.A.	1942	Williams, Arthur Charles, B.Sc.	1951
White, Wilfred Allan, B.Ec.	1950	Williams, Arthur Evan, M.B., B.S.	1950
White, Wilfred Carlstan Jurs, B.Sc.	1942	†Williams, Baden George, B.Ag.Sc.	1914
White, William Richard Bolitho, B.E.	1948	Williams, Bruce Rodda, M.A.	1958
Whitehead, Donald Henry, B.A. (Oxford, 1954)	1932	Williams, Caroline Margaret, B.A.	1944
Whitehead, Millicent Alma, B.A.	1959	Williams, Christobel Mary, B.Sc.	1915
Whitehouse, Joseph Chenoweth, M.B., B.S.	1949	Williams, Colin Hale, M.Sc. (B.Sc., 1941)	1945
Whitelaw, Albert James, B.Sc. B.A.	1953	†Williams, David Reginald Glyndwr, B.Tech.	1948
Whitford, Desmond Joseph, B.E.	1929	Williams, Donald Carter, B.A. LL.B.	1959
Whitford, Patricia Mary, B.A.	1937	Williams, Donald Newbery, B.D.S.	1933
Whitford, Raymond Frank, M.B., B.S.	1953	Williams, Dorothy Theresia, B.A.	1935
Whiting, Clyde Taylor, B.A.	1931	Williams, Eirene Mary, B.A.	1907
Whiting, Peter Arthur, B.Sc.	1953	Williams, Garth David, B.Sc.	1948
Whittington, Anne, B.A.	1950	Williams, George Esson Keith, M.A. (B.A., 1937)	1947
Whittington, Joan, B.A.	1933	Williams, George Mervyn, B.Sc.	1953
Whittington, Louis Arnold, LL.B.	1911	Williams, Harold Richard Michael, LL.B.	1953
Whittington, Richard Smallpiece, LL.B.	1935	Williams, Horton Clement, LL.B.	1956
Whitman, Gerald Caleb, B.Sc.	1952	Williams, Joan Beatrice, B.A.	1948
Whittle, Alick William Green, M.Sc. (B.Sc., 1945)	1948	Williams, Kenneth Douglas, B.Ec.	1955
†Whittle, Christopher Playford, B.Sc.	1958	†Williams, Kevin Graham, B.Sc.	1958
Whittle, Donald George, B.E.	1936	Williams, Lindsay Hale, LL.B.	1945
Whittle, Edith Julia, B.A.	1950	Williams, Mabel Evangeline, M.A. (B.A., 1906)	1916
Whittle, Harry Reed, B.E.	1952	†Williams, Martin John, M.B., B.S.	1958
Whittle, James Latimer, B.E.	1952	Williams, Monica Houghton, M.Sc. (B.Sc., 1951)	1960
Whittle, Richard Latimer, LL.B.	1954	Williams, Philip Glenly, B.A.	1941
Whyte, Jean Primrose, B.A.	1952	Williams, Philip Mark, B.E.	1951
Whyte, Phyllis Primrose, B.A.	1952	Williams, Ralph, B.Sc.	1914
Wiadrowski, Ian Barrie, B.E.	1957	†Williams, Raymond Clarence, B.Sc.	1959
Wiadrowski, Maxwell Alfred Anton, B.A.	1937	Williams, Robert Francis, D.Sc. (M.Sc., 1934)	1957
Wibberley, Brian, B.E.	1951	Williams (nee Hotten), Roma Olive, B.A.	1941
Wibberley, Brian William, B.Sc. M.B., B.S.	1911	†Williams, Rona Lynette, B.A.	1960
Wibberley, David John, M.B., B.S.	1914	Williams, Rosemary, B.Sc.	1956
Wibberley, Hermia Mary, B.A.	1956	Williams, Roy Ernest, M.Sc.	1953
Wibberley, Judith, B.A.	1952	Williams, Spencer, M.A. (B.A., 1927)	1930
Wickett, Harold Clarence, M.Sc. (B.Sc., New Zealand, 1945)	1946	Williams, Vivienne June, B.Sc.	1955
†Wicks, David Frank, LL.B.	1960	Williams, Walter Leslie, B.A.	1940
Wicks, Frederick Ralph, M.B., B.S.	1923	Williams, Zena Vera, B.A.	1940
		Williamson, Arthur Edward, B.E.	1953

† Not yet Members of the Senate.

†Williamson, Benjamin Raymond, B.Tech.	1959	Wong, Peter Chee Nam, M.B., B.S.	1952
Williamson, David Aubrey, M.B., B.S.	1951	Wood, Alistair Edward Rose, B.E.	1954
Williamson, Geoffrey Lea, B.Sc.	1956	Wood, Allen Edwin, B.A.	1944
Williamson, Hugh Angus, LL.B.	1955	Wood, Colin James, B.A.	1950
B.A.	1956	Wood, Florence Catherine, B.A.	1938
Willing, Charles Eric, M.B., B.S.	1928	Wood, Henry Lambert, M.Sc.	1941
Willing, Richard Lyall, M.B., B.S.	1954	Wood, Judith Ann, B.A.	1950
Willington, Clayton Louis, M.B., B.S.	1955	Wood, Murray Bowering, M.B., B.S.	1939
Willington, John Mattinson, B.E.	1951	Wood, Philip Barclay, Mus.Bac.	1938
Willington, Lloyd Stanley, B.A.	1950	Wood, Rosemary Anne, B.A.	1955
Willis, John, B.A. (Melbourne)	1952	Woodard, Charles Ernest, B.A.	1933
Willmott, Josiah Percival, B.Sc.	1907	Woodard, Charles Garrard, LL.B.	1952
†Willoughby, Donald Ross, B.Sc.	1960	Woodard, Geoffrey Davidson, M.Sc. (B.Sc., 1952)	1954
Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931)	1947	†Woodgate, Elizabeth Ann, B.A.	1960
Willoughby, Roger George (Warden of the Senate), M.D.S. (B.D.S., 1938)	1953	Woodger, Gwenneth Godwin, LL.B.	1941
Wills, Caroline Marie Agnew, B.A.	1951	Woodham, Barbara Elizabeth, B.A.	1941
Wills, Lindsay Arthur, B.A.	1953	Woodhouse, Lawrence Ralph, B.Sc.	1954
Willsmore, Elsie Victoria, Mus.Bac.	1918	Woodhouse, Roy, LL.B.	1950
Willsmore, Hurtle Binks, B.Sc.	1916	Woodman, Stanley Kenneth, B.E.	1934
Wilmshurst, Maurice George, B.A.	1934	Woodroffe, Keith, B.Ag.Sc.	1937
†Wilson, Geoffrey Frank, B.Tech.	1959	†Woodroffe, Philip, B.A.	1960
Wilson, Allan Fraser, M.Sc. (B.Sc., 1944)	1947	Woodroffe, Gwendolyn Marion, M.Sc. (B.Sc., 1940)	1944
†Wilson, Andrew Bray Cameron, LL.B.	1959	Woodroffe, Kathleen, M.A. (B.A., 1940)	1948
Wilson, Avis Jean, B.Sc.	1956	†Woodrow, Brian Douglas, B.Tech.	1960
Wilson, Brenda Ruth, B.A.	1950	Woodruff, Philip Scott, M.D. (Melbourne, 1939)	1957
Wilson, Charles Ernest Cameron, M.B., (Melbourne, 1899)	1900	Woods, Arthur Frederick, M.B., B.S.	1957
Wilson, Charles Graham, M.B., B.S.	1947	Woods, Charles William Griffin, M.B., B.S.	1939
Wilson, Colin Leslie, B.Sc. (Eng.)	1944	Woods, Julian Gordon Tenison, LL.B.	1918
Wilson, Dennis de Courcy, M.B., B.S.	1949	Woods, Nelly Hooper, M.A. (B.A., 1928)	1930
Wilson, Derek Finlay, LL.B.	1936	Woods, Richard Vynne, B.Sc.	1947
Wilson, Doris May, B.A.	1938	†Woods, Warren Bruce, B.A.	1958
Wilson, Edward Peter, M.B., B.S.	1951	Woodward, Barbara, B.A.	1944
†Wilson, Geoffrey Palmer, B.Ec.	1958	Woodward, Colin Holmes, B.E.	1952
Wilson, Gordon Samuel, B.Sc. (Eng.)	1944	Woodward, Oliver Gordon, B.Sc.	1950
Wilson, Helen Margaret, B.Sc.	1957	Woolcock, Collin Elwyn, M.Sc. (B.Sc., 1936)	1945
Wilson, Ian Bonython Cameron, LL.B.	1955	Woolcock, Rosslyn James, M.B., B.S.	1927
Wilson, Ian Stewart, B.Sc.	1957	Woolridge, Alan Frank, B.Sc.	1947
Wilson, Jack Woodrow, B.Sc.	1936	Woolhouse, Harold William, Ph.D. (B.Sc., Reading, 1955)	1960
Wilson, James Beith, B.A.	1896	†Woolhouse (nee Sherwood), Leonie Marie, B.Sc.	1958
Wilson, John Grenell, M.B., B.S.	1949	Woolnough, Geoffrey Lawrence, B.E.	1929
Wilson, John Stewart, M.B., B.S.	1952	Woolnough, Harold, B.A.	1906
Wilson, Keith Cameron, LL.B.	1922	†Work, Kenneth Frank, B.Sc.	1959
Wilson, Keith John, M.B., B.S.	1952	Worley, Donald Stuart, B.D.S.	1956
Wilson, Laurence Algernon, M.B., B.S.	1918	Worsnop, Elsie Madeline, M.A. (B.A., 1907)	1913
Wilson, Laurence Leigh, M.B., B.S.	1956	Worthington, Charles Roy, Ph.D. (B.Sc., 1951)	1956
Wilson, Luther Ernest Crosby, B.Sc.	1926	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1944
M.A.	1932	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wilson, Mollie Jean, LL.B.	1935	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wilson, Nicholas Michael, B.A.	1955	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
†Wilson, Patricia Margaret, B.Sc.	1960	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
†Wilson, Philippa Morag, B.A.	1958	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wilson, Robert Bruce, B.Sc.	1950	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wilson, Robert Kevin, M.B., B.S.	1937	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wilson, Trevor Gordon, Ph.D. (Oxford, 1959)	1960	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wilson, Valerie Joy, B.A.	1952	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wilson, William Fraser, B.Sc.	1943	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
†Wilton, Donald Edward, B.Tech.	1959	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wilton, Dorothy Clyve, B.Sc.	1940	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wilton, John Barrett, B.Sc.	1950	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wincey, Cynthia Weaver, B.Sc.	1949	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Winch, Kenneth Varley, B.E.	1952	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Windle, Doris Sophia, B.A.	1941	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Winkler, Arthur Edmund, B.Sc. (Eng.)	1943	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Winnall, Nancy Eleanor, B.Sc.	1919	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Winter, Beatrice Erwine, B.A.	1955	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Winter, Karl Berthold, M.B., B.S.	1942	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Winter, William Graham, B.Sc.	1938	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Winton, Berna Kathleen, B.A.	1953	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Winwood, William Weston, B.E.	1926	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Winzor, Donald John, B.Sc.	1956	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
†Wise, Peter Hermann, M.B., B.S.	1959	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wissell, Stewart Gordon, B.A.	1949	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Witt, Erik Hans, B.E.	1929	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wittenoom, Robert Horne, M.B., B.S.	1954	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wittwer, Ivan Donald, B.A.	1951	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
†Wohling, Theodore Charles, B.Tech.	1960	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Woithe, William Henry, B.E.	1936	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Woleik (nee Rayson), Patricia, M.Sc. (B.Sc., 1950)	1959	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wollaston, Elise Margareta, B.Sc.	1953	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wollaston, Jocelyn Mary, B.Sc.	1950	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Wollaston, Terence Cornthwaite, B.E.	1956	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Womersley, Hugh Bryan Spencer, D.Sc. (M.Sc., 1947; Ph.D., 1952)	1960	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
Womersley, John Spencer, B.Sc.	1945	Worthington, Charles Roy, Ph.D. (B.Sc., 1939)	1941
		Y	
		Yakhya, Mahmud Ukab, B.Ag.Sc.	1952
		†Yandell, Maxwell Benjamin, B.Tech.	1958
		†Yap, Pak Leong, B.Ec.	1958
		Yates, Colin, B.E.	1932
		Yates, Lawrence Anthony, M.B., B.S.	1956
		Yates, Percy Cocker, M.B., B.S.	1942
		Yates, Reginald Colin, B.E.	1937
		Yates, Thomas Morey, M.B., B.S.	1952

† Not yet Members of the Senate.

Yates, Tom Owen Richard, M.B., B.S. (Sydney, 1945) - - - - -	1955	Young, Phillip John, B.Ag.Sc. - - - - -	1947
†Yeates, Barry Rupert, B.Tech. - - - - -	1958	Young, Richard Scott, B.Ag.Sc. - - - - -	1959
Yeatman, Christopher William, B.Sc. - - - - -	1951	Young, Sir Frederick William, LL.B. - - - - -	1897
Yeatman, John Charleton, M.B., B.S. - - - - -	1938	Younkman, Landau, B.Sc. - - - - -	1910
Yelland, Geoffrey Playford, B.E. - - - - -	1955	Yu, Sheng Fong, M.B., B.S. - - - - -	1958
Yelland, Joan Mary, B.A. - - - - -	1933	Yu, Sheng-Wei, B.E. - - - - -	1957
Yelland, Kathleen Norah, B.A. - - - - -	1951	Yuen, Wai Mun, M.B., B.S. - - - - -	1957
Yin, James Chu Kee, M.B., B.S. - - - - -	1954	Yuill, George Ashwin, LL.B. - - - - -	1913
†Yip, Shing-Gaye Andrew, B.D.S. - - - - -	1960	†Yung, Richard Hin, M.B., B.S. - - - - -	1960
†Yoong, He Len Patricia, M.B., B.S. - - - - -	1960	Yung, Ying Chi, M.E. - - - - -	1960
Yoong, Meow Foo, M.B., B.S. - - - - -	1957		
Young, Aileen, B.A. - - - - -	1952		
Young, Caroline Agnes, B.A. - - - - -	1949		
†Young, Christabel Marion, B.Sc. - - - - -	1960		
Young, David Hastings, M.B. (Edinburgh) - - - - -	1894		
Young, Donald Scott, B.E. - - - - -	1929		
Young, Dorothy Kate, B.A. - - - - -	1937		
†Young, Howard Brandwood, B.Tech. - - - - -	1960		
Young, James Hannibal, M.D. (M.B., B.S., 1929) - - - - -	1937		
†Young, Josephine Helen, B.Sc. - - - - -	1958		
Young Kelvin Albert, B.Sc. (Eng.) - - - - -	1949		
Young, Michael Quinn, B.Sc. - - - - -	1940		
B.E. - - - - -	1945		
M.B., B.S. - - - - -	1952		

† Not yet Members of the Senate.

LIST OF CANDIDATES WHO HAVE TAKEN HONOURS DEGREES
HONOURS DEGREE OF MASTER OF ARTS

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

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

For previous Lists, see Calendars from 1918.

Ellis, Brian David, B.Sc., Philosophy I - - - - -	1953	Wilson, Nicholas Michael, Classics III - - - - -	1955
Goodenough, Warwick William, English Language and Literature II (i) - - - - -	1953	Wood, Rosemary Anne, English Language and Literature and History II (ii) - - - - -	1955
Greet, Frank Hamilton, English Language and Literature III - - - - -	1953	Barrett, Harold John, History and Political Science I - - - - -	1956
Hayward, Thomas Ronald, B.Ec., Political Science and History II (i) - - - - -	1953	Buttrose, Stroma, Geography II (ii) - - - - -	1956
Reid, Robert Leighton, Political Science and History II (i) - - - - -	1953	Cornell, Philippa Sinclair, French Language and Literature I - - - - -	1956
Sutton, Laura Margaret, Economics II (ii) - - - - -	1953	Jolly, Erica Annette, History and Political Science II (ii) - - - - -	1956
Tregenza, John Miller, English Language and Literature II (i) - - - - -	1953	LePage, Patricia Nadeane, Geography II (i) - - - - -	1956
Wadhams, Elizabeth Jean, Political Science and History II (i) - - - - -	1953	McGill, Ian Keith, German I - - - - -	1956
Lawrence, Robert John, History and Political Science I - - - - -	1953	Mitchell, Zonne Marion, English Language and Literature III (i) - - - - -	1956
Cleland, James Lindsay, Political Science and History II (ii) - - - - -	1954	Moore, Robert Clifton, History and Political Science I - - - - -	1956
Gilding, Gwendoline Fay, B.A., Geography I - - - - -	1954	Pocock, Edward Robert, History and Political Science I - - - - -	1956
Laycock, Margaret, French Language and Literature II (i) - - - - -	1954	Pridham, Geoffrey Jasper, B.A., LL.B., Geography II (i) - - - - -	1956
Lyon, Malcolm Elliot, French Language and Literature II (i) - - - - -	1954	Robertson, Margaret Jean, English Language and Literature I - - - - -	1956
Richardson, Ruth Mary Desmond, Political Science and History II (ii) - - - - -	1954	Schneider, Michael Phillip, B.A., History and Political Science II (i) - - - - -	1956
Antonisz, Matthew Wilfred, History and Political Science II (ii) - - - - -	1955	Walsh, Elizabeth Jan, English Language and Literature II (i) - - - - -	1956
Bennier, Margaret Mary Caroline, Geography II (i) - - - - -	1955	Williamson, Hugh Angus, LL.B., English Language and Literature and Philosophy II (ii) - - - - -	1956
Bowes, Keith Russell, History and Political Science II (i) - - - - -	1955	Chalklen, Roland John, B.A., English Language and Literature II (ii) - - - - -	1957
Campbell, Archibald Duncan, History and Political Science II (i) - - - - -	1955	Cross, Jack, History II (i) - - - - -	1957
Dodwell, David, English Language and Literature II (i) - - - - -	1955	Greet, Raymond James, Politics II (i) - - - - -	1957
Meaney, Neville Kingsley, History and Political Science II (i) - - - - -	1955	Grenfell, Ian Henry, English Language and Literature II (i) - - - - -	1957
Medwell, John Gordon, B.A., Economics II (i) - - - - -	1955	Hambly, Peter Sutherland, French Language and Literature I - - - - -	1957
Mills, Bessie Heather, B.A., English Language and Literature II (ii) - - - - -	1955	Higgins, John William, History III - - - - -	1957
Muecke, Ian Donald, English Language and Literature II (ii) - - - - -	1955	Horvat, Leon, B.A., German II (ii) - - - - -	1957
Nerlich, Graham Charles, English Language and Literature and Philosophy II (i) - - - - -	1955	Mitchell, Terrence John, History II (i) - - - - -	1957
Ng, Linn Timn, B.A., History and Political Science III - - - - -	1955	Munc, Marie Elizabeth, B.A., History II (i) - - - - -	1957
Smith, Richard Waldemar Law, History and Political Science II (i) - - - - -	1955	Ohlstrom, Leonore Anne, B.A., German II (i) - - - - -	1957
Waterhouse, George Saville, English Language and Literature II (i) - - - - -	1955	Sasse, Hans Christopher, English Language and Literature II (ii) - - - - -	1957
		Smith, Barry Whitmore, B.A., Philosophy I - - - - -	1957
		Watson, Graeme Douglas, French Language and Literature and German I - - - - -	1957
		Blackmore, Gerda, German III - - - - -	1958
		Bradley, Michael Charles, Philosophy I - - - - -	1958
		Brock, Erland Jeffrey, Geography II (ii) - - - - -	1958

Brown, Judith Eileen, B.Sc., Botany IIA	1955	Russell, Ronald Thomas, Geology I	1958
Grasso, Rosario, B.Sc., Geology IIA	1955	Schubert, Cedric Felix, Mathematics I	1958
Hale, Robert Palmer, B.Sc., Physics I	1955	Stanbury, Peter John Terence Cathcart, Zoology II (i)	1958
Herath, Meewakkala Mudiyansele Jinadasa Willehad, Geology IIA	1955	Von der Borch, Christopher Carl, Geology II (i)	1958
Kurucsev, Tomas, B.Sc., Chemistry I	1955	Wilson, Ian Stewart, Zoology II (i)	1958
Ling, John Kynaston, B.Sc., Zoology IIA	1955	Au-Yong, Moh Cheng, Shirley, B.Sc., Bacterio- logy I	1959
Lokan, Keith Henry, B.Sc., Physics IIA	1955	Buxton, John Balfour, B.Sc., Mathematics II (i)	1959
McManus, John Bernard, B.Sc., Geology IIA	1955	Chick, Malcolm, B.Sc., Biochemistry II (i)	1959
Mainstone, John Sydney, B.Sc., Physics IIB	1955	Darskus, Rolf Ludwig, B.Sc., Physical and Inorganic Chemistry I	1959
Martin, Helene Alice, B.Sc., Botany IIA	1955	Dickson, Ronald Stanley, B.Sc., Physical and Inorganic Chemistry I	1959
Nogare, Ronald Raphael Dalle, B.Sc., Mathe- matical Physics I	1955	Fielder, Donald Raymond, B.Sc., Zoology II (i)	1959
Ophel, Trevor Richard, Physics I	1955	Goddard, Peter Norman Lighton, Mathematics I	1959
Rogasch, Peter Edwin, B.Sc., Chemistry IIB	1955	Hearn, Anthony Clem, B.Sc., Mathematics I	1959
Sando, Margaret, Geology IIA	1955	Huang, Su-Eng, B.Sc., Organic Chemistry I	1959
Shepley, Estelle Ann, B.Sc., Botany IIA	1955	Katekar, Gerard Frederick, B.Sc., Organic Chemistry I	1959
Treloar, Francis Edward, B.Sc., Chemistry IIA	1955	Lane, John Edgar, Physical and Inorganic Chemistry I	1959
Burford, Robert Royce, B.Sc., Chemistry IIB	1956	Lang, Graham Bruce, B.Sc., Physics II (i)	1959
Burns, Erica Marian, B.Sc., Botany IIB	1956	Low, Beng See, B.Sc., Organic Chemistry I	1959
Clark, Lesley Helen, B.Sc., Genetics IIB	1956	Nilsson, Carl Sigurd, B.Sc., Physics I	1959
Ericson, Leon Gordon, B.Sc., Physics I	1956	Patterson, John Howard, B.Sc., Physical and Inorganic Chemistry I	1959
Fitzgerald, Anne Marie, B.Sc., Zoology IIB	1956	Pullman, Brian James, B.Sc., Physical and Inorganic Chemistry I	1959
Gemmell, Donald Stewart, B.Sc., Physics I	1956	Reinfelds, Juris, B.Sc., Mathematical Physics II (i)	1959
Gooden, John Ernest Alfred, B.Sc., Chemistry I	1956	Rochow, Keith Arnold, B.Sc., Geology II (i)	1959
Gould, Joseph Gordon, B.Sc., Biochemistry IIA	1956	Sallis, John Dalwood, B.Sc., Biochemistry II (i)	1959
Joseph, Hapurarachige Don Austin Carlo, Geology IIB	1956	Sherwood, Leonie Marie, B.Sc., Botany II (i)	1959
Kohlhagen, Myra Audrey, B.Sc., Physics I	1956	Stearne, John McKenzie, B.Sc., Physical and Inorganic Chemistry I	1959
LePage, Rex Newbury, B.Sc., Genetics IIA	1956	Weigold, Erich, B.Sc., Physics I	1959
Lowke, John James, B.Sc., Physics I	1956	Whittle, Christopher Playford, B.Sc., Organic Chemistry I	1959
McDowall, Barry Patrick, B.Sc., Mathematical Physics I	1956	Williams, Kevin Graham, B.Sc., Physics I	1959
Murphy, William Hugh, B.Sc., Chemistry IIB	1956	Ayres, Dean Esmond, B.Sc., Geology II (i)	1960
Pilton, Phyllis Evelyn, B.Sc., Genetics IIB	1956	Brooks, Colin Charles, B.Sc., Geology II (i)	1960
Stacy, Margaret Ruth, B.Sc., Genetics IIA	1956	Burley, Simon Peter, B.Sc., Physics II (i)	1960
Sved, Marta, Mathematical Physics IIA	1956	Cheah, Dolly, B.Sc., Physiology II (i)	1960
Aylmore, Lance Arthur Graham, B.Sc., Physics IIB	1957	Chuah, Kim Leong, B.Sc., Mathematical Physics II	1960
Brett, Peter Robin, B.Sc., Geology IIA	1957	Colvill, Anthony John Ernest, B.Sc., Physical and Inorganic Chemistry II (i)	1960
Duncan, Andrew Kenneth, Mathematics I	1957	Dalgarno, Charles Robert, B.Sc., Geology II (i)	1960
Fee, Warren William, B.Sc., Chemistry IIA	1957	Eggleton, Richard Anthony, B.Sc., Geology I	1960
Forwood, Peter Strauss, B.Sc., Geology IIA	1957	Francis, Robert John, B.Sc., Physics II (ii)	1960
Gurr, Graham Edward, B.Sc., Physics IIB	1957	Haslam, Christopher Osborne, B.Sc., Geology II (i)	1960
Hawker, John Seth, B.Sc., Botany IIA	1957	Hedger, Joy West, B.Sc., Physical and In- organic Chemistry II (i)	1960
Inman, Ross Banks, B.Sc., Chemistry I	1957	Jackson, Graham Douglas Fischer, B.Sc., Organic Chemistry II (i)	1960
Kimber, Ronald Walter Lincoln, B.Sc., Chemistry I	1957	Jory, Rodney Leonard, B.Sc., Physics II (i)	1960
Koerber, Brian Walter, B.Sc., Physics IIA	1957	Liljegren, David Roland, B.Sc., Organic Chemistry I	1960
Kowanko, Nicholas, B.Sc., Chemistry I	1957	Lim, Khaik Leang, B.Sc., Mathematical Physics I	1960
McKellar, John Ralph, B.Sc., Chemistry IIA	1957	Matthews, Brian Wesley, B.Sc., Physics I	1960
Mickan, Erwin Laurence, B.Sc., Physics I	1957	Mason, Edith Kathleen Lillian, B.Sc., Physio- logy II (ii)	1960
Mumme, William Gustav, B.Sc., Geology I	1957	Mills, Kingsley John, B.Sc., Geology I	1960
Nichol, Lawrence Walter, B.Sc., Chemistry I	1957	Mitchell, Ian Vaughan, B.Sc., Physics I	1960
Risely, Barrie Grenville, B.Sc., Geology IIA	1957	Mitchell, Peter, B.Sc., Physics I	1960
Snoswell, Alan Marlow, B.Sc., Biochemistry I	1957	Muecke, Peter Sunter, B.Sc., Biochemistry II (i)	1960
Tindall, Ronald Graham, B.Sc., Physics I	1957	Oliphant, Michael John, B.Sc., Physics II (i)	1960
Williamson, Geoffrey Lea, B.Sc., Physics IIB	1957	Schodde, Richard, B.Sc., Botany II (i)	1960
Winzor, Donald John, B.Sc., Chemistry I	1957	Schultz, Peter Kasimir, B.Sc., Physical and Inorganic Chemistry II (i)	1960
Abele, Charles, Geology II (i)	1958	Slee, Walter Vernon, B.Sc., Physics I	1960
Bagot, Charles Herve, Physics II (i)	1958	Smyth, Michael Ewers Bayne, Zoology I	1960
Beck, Kevin Charles, Geology I	1958	Stone, Brian James, B.Sc., Physics II (ii)	1960
Byrne, Osman Roy, Genetics I	1958	Storer, Robin George, B.Sc., Mathematical Physics I	1960
Capon, Ian Nicholas, Mathematics I	1958	Symons, Geoffrey David, B.Sc., Physics I	1960
Catrrall, Robert Walter, Physical and Inorganic Chemistry I	1958	Vitolins, Maija Irena, B.Sc., Bacteriology I	1960
Chong, Yoon Hin, Biochemistry II (i)	1958	Webber, Brian John, B.Sc., Physics I	1960
Deacon, Glen Berenger, Physical and In- organic Chemistry I	1958	Wells, Gregory Samuel, B.Sc., Mathematics I	1960
Ewers, William Hector, Zoology II (i)	1958	Weir, Ronald Colin, B.Sc., Bacteriology II (i)	1960
Freytag, Ian Bernard, Geology II (i)	1958		
George, Barbara Kay, Physics II (i)	1958		
Levy, Judith Anne Winstanley, Genetics II (i)	1958		
McGowran, Brian, Geology I	1958		
Matthew, Evelyn Maime, Physics II (ii)	1958		
Moritz, Alan Gilbert, Organic Chemistry I	1958		
Napier, Ian Murray, Organic Chemistry II (i)	1958		
O'Connor, Maxwell James, Physical and In- organic Chemistry I	1958		
Ollino, Richard, Physics II (ii)	1958		
Peter, Beth Ellen, Physical and Inorganic Chemistry I	1958		
Porra, Robert John, Biochemistry II (ii)	1958		
Price, Trafford Conon, Physics II (ii)	1958		
Roper, Robert George, Physics II (i)	1958		

HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE

Dean, Harry Michael, Physiology I - - - 1960

HONOURS DEGREE OF BACHELOR OF ENGINEERING

For previous Lists, see Calendars from 1956.

Broadbent, Henry Neil Gribble, B.E., Electrical II	1953	Tolmie, Ronald Philip, Electrical II	1957
De Cean, Neil, B.E., Electrical I	1953	Waechter, Raymond Trevor, Electrical II	1957
Griffin, Donald Ward, B.E., Electrical I	1953	Westley, John French Hebbard, Mining I	1957
Murray, Noel William, B.E., Civil I	1953	Billingham, Onslow Chestle, Civil I	1958
Rice, William Mitton, Electrical I	1953	Gray, Neil Boon, Metallurgical and Chemical I	1958
Ross, Sydney George Frederick, B.E., Electrical II	1953	Reisonas, Irvic John, Civil II	1958
Hamdorf, Clifton John, B.E., Metallurgical and Chemical I	1954	Chan, Chee Wah, Civil II	1959
Hayward, John, B.E., Electrical I	1954	Dawson, Anthony James, Civil I	1959
Janardhan, Narienkadu Mohanarunga, Electrical II	1954	Downer, John William, Civil II	1959
Opie, Alan James, B.E., Metallurgical and Chemical II	1954	Field, Graham John, B.E., Metallurgical and Chemical I	1959
Broadfoot, Kenneth Davidson, B.E., Electrical II	1954	Fong, Yeng Soh, Civil II	1959
Brown, Richard Archibald, B.E., Mechanical I	1955	Gates, Malcolm John, Electrical I	1959
Fowler, James Henry, B.E., Mechanical II	1955	Haskard, Malcolm Rosslyn, Electrical I	1959
Palmer, Raymond Amos, B.E., Mining I	1955	Hercus, Robert William, Mechanical I	1959
Rodger, John Geoffrey, B.E., Electrical II	1955	Hoepner, Robert John, Mechanical I	1959
Amev, Douglas John, Civil II	1956	Kelly, Robert John, Metallurgical and Chemical I	1959
Assumpcao, Henrique Antonio d', Electrical I	1956	Kennedy, Michael Brian, Electrical I	1959
Bogner, Robert Eugene, Electrical II	1956	Khor, Teik Hean, Michael, Electrical I	1959
Bosher, Peter Abel, B.E., Civil II	1956	Northcote, Geoffrey Graham, Mining I	1959
Breynard, Keith Beaumont, Electrical II	1956	Oh, Kong Yew, Civil I	1959
Chase, Brian Collison, Electrical I	1956	Robinson, Michael Laurence, Mechanical I	1959
Craker, John Melville, B.Sc., Metallurgical and Chemical I	1956	Sag, Andrew Gabriel, Mechanical I	1959
Kaosaai, Prachuap, Mining II	1956	Schwartz, Barry Watler, Civil I	1959
Kusalaas, Jaan, Civil II	1956	Slee, Graham Haughton, Mechanical II	1959
Luxton, Russell Estcourt, Mechanical II	1956	Tam, Chat Tim, Civil II	1959
Matthew, Ian George, B.Sc., Metallurgical and Chemical I	1956	Toh, Kim Thye, Civil I	1959
Parbo, Arvi Hillar, Mining I	1956	Wigglesworth, Sidney Thomas, Mechanical II	1959
Possingham, Maxwell Leonard, Electrical I	1956	Biggins, George Edward, Electrical II	1960
Richards, Brian Gordon, Civil I	1956	Bishop, Michael Marriott, Mechanical I	1960
Smith, Roger, Electrical I	1956	Brooks, Bruce Allen, Civil II	1960
Staker, Robert, Metallurgical and Chemical I	1956	Clegg, Michael John, Metallurgical and Chemical II	1960
Wadsworth, Bernard Francis Peter, Electrical II	1956	Cox, John Baxter, Civil I	1960
Wollaston, Terence Cornthwaite, Electrical I	1956	Davis, Bruce Raymond, Electrical I	1960
Beltrame, Gino Ernest, Mechanical II	1957	Dunn, Melville Desmond, Mechanical II	1960
Bowyer, Donald Albert, Mechanical II	1957	Gottschall, Martin, Mechanical I	1960
Butcher, Ian Robert, Electrical I	1957	Johns, Rodger Norman, Civil I	1960
Edwards, Graham William, Mechanical II	1957	Jorgensen, Francis Richard Arthur, Metallurgical and Chemical I	1960
Goodale, Peter Lewis, Mechanical I	1957	Karolyi, George, Electrical I	1960
Green, Harry Edward, Electrical I	1957	Kilpatrick, Iain David, Electrical II	1960
Henderson, Ronald George, Electrical I	1957	Leong, Luen Kit, Electrical I	1960
Kwok, Hae Leong, Civil I	1957	Messenger, Malcolm James, Metallurgical and Chemical II	1960
Lim, Kwang Hua, Electrical I	1957	Roach, John Robert, Metallurgical and Chemical II	1960
Liu, Hua-an, Civil II	1957	Silver, Graham Bindley, Electrical II	1960
Mercer, Donald James, Mechanical I	1957	Symons, Frederick John Walter, Electrical I	1960
Nolte, Bryan Trevor, Electrical II	1957	Temby, Allen Christopher, Electrical I	1960
Robinson, John Walton, Electrical I	1957	The, Gregorius Maria Swie Siong, Electrical I	1960
		Weller, Keith Russell, Metallurgical and Chemical I	1960
		Wigg, Hugh Higham, Electrical II	1960

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

For previous Lists, see Calendars from 1958.

Kleinig, Cyril Raymond, B.Ag.Sc. I	1951	Kennedy, Geoffrey Sydney, B.Ag.Sc., Agronomy II (i)	1959
Symon, David Eric, B.Ag.Sc. I	1951	Taylor, James Bruce, Plant Pathology II (i)	1959
Carter, Maurice Vernon, B.Ag.Sc. IIA	1952	Williams, Baden George, B.Ag.Sc., Soil Science II (i)	1959
Possingham, John Victor, B.Ag.Sc. IIA	1952	Dodman, Robert Louis, B.Ag.Sc., Plant Pathology I	1960
Hayman, David Lindsay, Genetics I	1953	Fawcett, Robert Graham, B.Ag.Sc., Soil Science I	1960
Brownell, Peter Ferguson, B.Ag.Sc. IIA	1954	Moller, William John, B.Ag.Sc., Plant Pathology II (i)	1960
Davidson, James Logie, B.Ag.Sc. IIA	1954	Ross, Maxwell Alexander, B.Ag.Sc., Plant Physiology II (i)	1960
Oram, Rex Neville, B.Ag.Sc. IIA	1954	Wells, Julian Richard Este, B.Ag.Sc., Agricultural Biochemistry I	1960
Jeevaratnam, Appapillai Jacob, IIA	1955	Young, Richard Scott, B.Ag.Sc., Agronomy II (i)	1960
Michael, Peter William, B.Ag.Sc. IIA	1955		
Buttrose, Mark Sinclair, B.Ag.Sc. I	1957		
Sedgley, Ralph Harold, B.Ag.Sc. IIA	1957		
Shepherd, Kenneth William, B.Ag.Sc. I	1957		
Birks, Peter Roland, Entomology II (ii)	1958		
Hawkins, Henry Stuart, Agronomy II (ii)	1958		
Van Velsen, Reuben John, Plant Pathology II (i)	1958		

HONOURS DEGREE OF BACHELOR OF LAWS

Wynes, William Anstey, LL.B.	1931	Zelling, Howard Edgar, LL.B.	1941
Bray, John Jefferson, LL.B.	1933	Cornish, William Rodolph, LL.B.	1960
Hogarth, David Stirling, LL.B.	1935	Prior, Graham Clifton, LL.B.	1960
Hunter, Brian Oswald, LL.B.	1935		

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere	1946	Hodby, Herbert Charles	1922
Abbott, Herbert Lewis	1933	Holland, George Harold	1920
Adcock, John Bartlett	1931	Holland, William Corin	1909
Alderman, Henry Graham	1917	Homburg, Hermann	1896
Alderman, John Kevin	1938	Homburg, John Hamilton	1939
Alderman, John Robinson	1950	Homburg, Renolf	1929
Ashton, Edward James Willberforce	1896	Homburg, Robert	1897
Ashton, Thomas Edward	1941	Humby, Rexton James	1943
Astley, Michael John	1950	Hunt, William Robert	1919
Atkinson, Alfred Harris Owst	1900	Hutchison, Charles Vernon Stuart	1937
Bakger, Magnus	1918	Innis, Kenneth Norman	1925
Bakewell, William Kenneth	1908	Jacobs, Samuel Joshua	1946
Beerworth, William Carl	1932	James, Alfred Charles	1899
Bennett, Henry Trevor	1949	Jessup, George Aubrey	1933
Boucaut, Douglas le Rey	1927	Johnson, James Howard	1900
Boucaut, George Hiles	1906	Johnston, Laurence Frederick John	1931
Boucaut, Ian Penn	1930	Jordan, David Wallace	1949
Brebner, Charles Ross	1953	Kearney, Beasley James William	1925
Bright, William Stuart	1904	Keats, Frederick Phillips	1909
Buttrose, Murray	1927	Kennedy, Donald Angus	1904
Carne, Alfred George	1931	Kerin, William Francis	1944
Cheek, Reginald Heithersay	1921	Kinnane, Alexander John	1935
Ciberas, Stasys	1956	Kirkman, Kenneth Hainsworth	1918
Claridge, Philip James	1947	Lake, Clement William Hingston	1907
Clark, John Osborne	1935	Leslie, John	1922
Clarke, Laurence Eric	1920	Lewis, Stanley Heathcote	1927
Cleland, Peter Fullerton	1939	Little, Egbert Percy Graham	1898
Cleland, Thomas Erskine	1919	McCann, William Francis James	1925
Cocks, Arthur Wellesley	1936	McCarthy, James Crimeen Ellery	1925
Collins, Dean Francis	1947	McCarthy, Neil Douglas	1955
Collison, Frank Lloyd	1926	McEntee, Kevin Vincent	1931
Colquhoun, Colin Roy	1928	McEwin, George	1897
Coventry, Charles James	1911	McGee, Edward Patrick	1933
Cresswell, George Edwin	1929	McGee, John	1916
Cutlack, Peter Robert	1926	Mackay, Alan Justin	1936
Daly, Kevin Joseph	1943	Mackenzie, Charles Norman	1909
Davenport, Arthur Vernon	1916	McLachlan, Ian	1932
Davey, John Ryan	1938	McLeay, Marshall John	1927
Davey, Robert Shannon	1915	Magarey, Ashley Henderson	1932
Davies, Cecil Ernest	1928	Marshall, John	1951
Davis, Raymond William	1934	Martin, Hugh Wallis	1920
Davison, John Hubert Hawdon	1908	Mathews, Llandaff Brisbane	1924
Davoren, Michael Dominic	1940	Matson, Victor Charles	1945
Davoren, Thomas Anthony Francis	1937	Matulich, Ross Noel	1949
Dawe, Reginald Stanley	1936	Mellor, James Corry	1949
Denny, William Joseph	1908	Mellor, Thomas Reginald	1915
Dow, Ian Baird	1949	Menzies, Stewart Keith	1937
Edmunds, Keith Stacey	1937	Michell, George Wilfrid	1920
English, John Arthur	1952	Michell, John Elsome	1923
Ferdinandy, Laszlo	1958	Millhouse, Vivian Rhodes	1925
Fischer, Robert John	1949	Mills, Elliott Whitfield	1940
Fisher, Francis Robert	1949	Mollison, Thomas	1928
Fisher, Guy	1920	Morris, Gronwy Lewis	1932
Fleming, Stanley Hugh	1902	Muirhead, Henry Mortimer	1909
Fletcher, John Weld	1940	Mutton, Carlyle Herbert	1938
Fox, John Henry	1895	Napier, Robert Mellis	1936
Fricker, Malcolm Swanson	1956	Nesbit, Hubert Gordon Paris	1915
Gelston, Hedley Ringrose	1914	Nesbit, Lancelot Julian	1925
Genders, Alexander Forbes	1949	Nesbit, Reginald George	1900
Gibson, Reginald Mends	1923	Newman, Douglas Ralph	1949
Gifford, Alfred Silva Harrill	1919	Newman, Ralph Frederic	1921
Giles, Acland	1905	Nicholls, Theodore Henry	1900
Gillman, Joseph Fisher	1921	Nickolls, Peter Michael	1952
Coldsworthy, Napier Lytton	1949	Nitschke, Galva Dennis	1954
Coldsworthy, Spencer Gordon	1916	Nuske, Sydney Gordon	1954
Coldsworthy, William Beazley	1903	Odlum, Reginald Lance	1937
Goode, David Russell	1949	O'Grady, Francis Ignatius	1939
Goode, Evan Anderson	1926	Owen, William Frederick	1906
Gordon, Leslie Kenneth	1947	Pavy, Emily Dorothea, B.A.	1928
Crubb, Roy William	1949	Pavy, Gordon Augustus	1924
Gun, Clement Townsend	1920	Pearce, Peter Sydney	1956
Gun, John Townsend	1953	Pearson, Charles Mason	1917
Gun, Lloyd Townsend	1949	Penny, Bertram Stephens	1908
Hague, Percy	1897	Philcox, Claude Joseph Owen	1929
Hall, Robert Fishburn	1936	Povey, Edward	1916
Harders, Clarence Waldemar	1943	Power, Louis Bertrand	1937
Hardy, John Scott	1926	Puddy, Albert Forwood	1934
Harford, Basil Beverley	1928	Pyne, William Ewart	1915
Hargrave, Charles Townshend	1904	Rankin, Henry Oliver Arthur	1912
Hargrave, Lancelot Morton Spiller	1921	Reed, Douglas	1940
Harry, Richard Varley	1937	Reeves, Charles Wheatley	1924
Hay, Frederick Dean	1934	Regan, James William	1913
Hayward, Cedric Charlie	1923	Reid, Walter Gliddon	1909
Healy, Kevin John Bernard	1915	Reilly, Matthew Leonard	1939
Heseltine, Samuel Richard	1903	Roberts, Donald Arthur	1912
Heuzenroeder, Rudolph Hermann	1913	Rollison, Gerald Dominic	1927
Heuzenroeder, William Ritter	1929	Rollison, William Alexander	1915
Hilton, Keith Denyer	1947	Ronald, Stewart Douglas	1910

Rutter, George Lyall	1920	Treloar, James Leonard Sydney	1923
Rymill, Arthur Campbell	1928	Tucker, Reginald Mervyn	1915
Sampson, Joyce Holman	1952	Vandenbergh, William John	1896
Sanderson, Kenneth Francis Villiers	1918	Von Bertouch, Leopold	1920
Shepherd, Joseph Scoresby	1899	Von Doussa, Stanley Bowman	1901
Shepherd, Scoresby Arthur	1957	Von Doussa, William Louis	1924
Smith, Frank Seymour	1914	Wald, Irving Dale	1923
Smith, Francis Villeneuve	1906	Wallace, Norman Verschuer	1920
Smith, Paul Teesdale	1920	Ward, Henry Torrens	1900
Solomon, Helen Ethel	1933	Warren, Sydney John	1911
Solomons, Phillip Roland Nathan	1939	Weaver, Alfred Charles	1903
Somerville, Archibald John	1952	Webb, Beecher Noel	1930
Sparrow, Cyril Keith	1921	Whimpress, Thomas Abraham	1934
Stokes, Robert Francis	1938	Williams, Dudley Charles Call	1946
Sutherland, Allan James Lavis	1919	Williamson, James Aubrey	1925
Swan, William Alfred	1948	Worth, Frank Lindsey	1932
Sweeney, John Grant	1915	Wright, Sydney Charles Grenville	1923
Sykes, Howard de Pledge	1936	Yelland, Dene Sturt	1930
Tapley, Willis Wayte	1909	Young, Martin	1933
		Ziesing, George Ignatius	1919

ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	1925	Foale, Harold Robert	1925
Adamson, Myrtle Gwendoline	1918	Francis, Bessie	1925
Alexander, Mary Vera	1917	Francis, Violet Leone	1929
Allgrove, Beatrice Jane	1951	Freeman, Ivy Gwendolen McLeod	1931
Anderson, Jean	1936	Gallasch, David Russel	1957
Andrew, Una Lois	1915	Gard, Harold John	1918
Ashton, Kathleen Anne	1935	Gehling, Ronda Beryl	1940
Attwell, Edna Marie	1918	Gersch, Paul Johannis	1954
Badenoch, Constance Mary	1921	Geyer, Clem August	1922
Bampton, Alfred John	1915	Giles, Allan Leonard	1949
Barbour, Dorothy Jean	1928	Gill, Hilda Beatrice	1916
Barnden, Vina Melba	1933	Gillespie, Jean Katherin	1937
Barry, Margaret Mary	1927	Glatz, Laurina Ruby	1929
Basedow, Ivy Marie	1912	Gmeiner, Clarice Haidee Beatrice	1924
Bates, Edgar Clarence	1929	Goss, Lucy Vera	1909
Baulderstone, Clarice Moore	1923	Goyder, Patricia	1937
Betcher, Lila Margaret	1955	Gray, Lorna Dorothy	1950
Bice, Brenda Mae	1957	Gray, Marylouise	1957
Black, Edward William	1923	Griffiths, George Townsend	1914
Booth, Jean Marie	1923	Griggs, Arden Michael	1957
Bowen, Gordon Melville	1941	Groth, Fred	1929
Brand, Marguerite Mary	1935	Grosser, Eileen May	1924
Brindal, Ellen Grace	1958	Gunning, Shelley Anne Stannus	1958
Brooks, Doreen Mavis	1922	Hakendorf, Carmel Mary	1947
Brooks, Merle Olive	1940	Haese, Beth Theodora	1940
Brown, Kathleen Mary	1942	Hales, Malcolm Roy	1948
Buggeman, Martha Dorothy	1917	Hancock, Mary Frewin	1928
Burnard, David Alexander	1904	Hantke, Ethel Hilda Hedwig	1902
Byrne, Mary Teresa	1925	Hartmann, Sonia Annette	1960
Cadd, Hartley Blair Hogarth	1927	Harvey, Faith Fairbank	1943
Carmichael, Doris Darby	1923	Heck, Judith Anne	1958
Catt, Shirley Pearson Clifford	1938	Henry, Gladys Amy Thelma	1926
Chapman, John Pearce	1958	Hine, Clytie May	1908
Chappel, Phyllis Harvey	1924	Hoche, Edith	1908
Cheek, Alan Carosso	1929	Hogon, Eileen Margaret	1917
Cheek, Muriel Elizabeth	1900	Holder, Alison Joyce	1938
Cilento, Gladys Muriel West	1913	Holman, Frank Reginald	1919
Cockburn, Julia Evelyn	1930	Holmes, Patricia Langley	1948
Coleman, Rosemary Ann	1955	Hooker, George	1945
Collins, Ella Mary	1916	Horgan, Lillian Veronica	1936
Collins, Yensie Margaret	1928	Hounsell, Marjorie Nora Drew	1938
Commans, Teresa Audrey	1937	Howard, Winnifred Jean	1917
Coonan, Mary Madeline	1938	Hurn, Mavis Lacey	1926
Coonan, Rita Norlean	1955	Hyde, Miriam Beatrice	1928
Coumbe, Hurtle Harold	1919	Ingham, Myrtle Lavinia	1916
Counter, Beryl Cole	1912	Jacobs, Doreen Miriam	1938
Cowan, Diana Jean	1924	James, Doris	1912
Cozens, Vida Victoria	1960	James, Vida Margretta	1917
Craig, Margaret Heather	1928	Jones, Lewis La Vence	1919
Crampton, Daisy Myrtle	1955	Joyce, Kate	1904
Cresswell, Muriel Blanche Lillecrapp	1945	Keen, Lilian Guard	1920
Cronin, Alice Elsie	1925	Kemp, Francis Joseph Edmund	1928
Curry, Shirley-Anne	1937	Kemp, Marion Kirkwood	1903
Daenke, Dorothy Lucy	1929	King, Margaret Jessica Esme	1956
Davy, Rubia Claudia Emily	1903	Kinmont, Rosamond	1924
d'Arcy-Irvine, Alice Bond	1913	Klose, Patricia Mary	1950
Day, Florence Muriel	1913	Kneehone, Joan Adelaide Cavell	1938
Dick, Pauline May	1913	Knowing, Gwenda	1952
Dix, Jessica Laura	1950	Kollosche, Samuel	1910
Edwards, Herbert Percival	1928	Lambert, Margaret Ann	1960
Ekers, Theodora Allman	1922	Langford, Joan	1952
Evans, Bert	1930	Lawton, Josephine Margaret	1956
Ewing, Violet Emily	1913	Lee, Marjorie Freda	1926
Ey, Kathleen Elsie	1958	Leonard, Mary Joselyn	1956
Finch, Laura Evelyn	1938	Lindh, Carlene Margaret	1958
Fisher, Helena Catherine	1932	Litchfield, Jean Rainsbury	1926
Flaherty, Annie Josephine	1924		
	1907		

Lodge, Elizabeth Florence Cranston	1953	Rudemann, Elsa Wilhelmine	1903
Luxton, Jean Estcourt	1952	Sansom, Joyce Mary	1940
McDermid, Neil Harvey	1956	Sara, Lily Emmaline	1916
McGrath, Constance Cecily	1926	Sayers, Alice Mabel	1901
McGregor, Dorothy Mary	1930	Scammell, Ethelwyn	1910
McKinnon, Clara Elizabeth	1942	Schramm, Kathryn	1954
McLaughlin, Eric Eastone	1926	Searle, Hartley Malcolm, B.A., B.Sc.	1939
McMahon, Mary Carmel	1955	Shapley, Dorothy Alice	1939
Macpherson, Margaret Webster	1957	Shepard, Beatrice Joan	1935
Mallon, Alice Mary	1923	Shipway, Margaret Elizabeth	1953
Manning, Hilda Mahala	1902	Short, John Thomas Gordon	1907
Marker, Lois Beatrice	1951	Simcock, Hilda May	1917
Marrett, Hannah Olive	1926	Sinclair, Jean Lily	1924
Martin, Thelma Dorothy	1917	Slee, John Stevens	1952
Matters, Arnold Hatherleigh	1926	Smith, David Aitchison	1960
Mayfield, Vera Selina Gwendoline	1927	Smith, Imelda Catherine	1930
Mead, Janet Carolyn	1959	Smith, Margaret Joan	1950
Mears, Kathleen Devenish	1955	Solomon, Betty	1930
Meegan, Alice	1922	Spehr, Francesca	1901
Meegan, Kathleen Mary	1917	Spriggs, Harriet Rosetta	1919
Merchant, David John	1952	Stoneman, Doreen	1921
Mewkill, Paula Mary	1915	Stoneman, Olivia Charlotte	1930
Mills, Gene Louise	1950	Summers, Phyllis Harvey	1930
Mitchell Elizabeth Anne	1956	Swincer, Patty	1948
Morley, Evelyn Mabel	1925	Symon, Elizabeth Jean	1959
Morton, Mary Ruth	1931	Taylor, Gladys Leslie	1908
Murray, Joan	1954	Taylor, Jean Rosabelle	1926
Narroway, Peter Kingsford	1951	Terry, Athalie May	1960
Naylor, Ruth Winnifred	1924	Thomas, Sylvia Caroline Curtis	1921
Norman, Jean Margaret	1928	Thrush, Annie Vera	1915
Oldham, Dorothy	1914	Tidemann, Ernest Phillips	1927
Paddon, Una Margery	1920	Tonkin, Phyllis Anna	1923
Paley, Clifford Arnold, B.A.	1941	Tosolini, Palmira Rose	1951
Palmer, Ethel Rose	1918	Treloar, Fay	1957
Palmer, Judith Anne	1955	Trenergy, Thora	1944
Parham, Marlene Marie	1955	Tuck, Joyce Edith	1940
Parkinson, Charlotte Ethel Violet	1901	Tuck, Vivien Margaret	1941
Pascoe, Philippa Mary	1947	Tunks, Flora Marion	1931
Pearson, Kathleen Crawford	1923	Vardon, Daisy	1914
Penalurick, Lola	1921	Verco, Alison Martha	1950
Perkins, Horace James	1926	Verco, Gladys Kathleen	1928
Perkins, Marie Pauline	1948	Vick, Lloyd Winston	1937
Perry, Margaret Fay	1950	Virgo, Jean Ysobel	1934
Phipps, Charlotte Lucy Barkwell	1905	Virgo, Violet Myra	1919
Porter, James Lincoln	1957	Wall, Myrtle Trilby	1917
Prince, Jean Florence	1921	Wallmann, Beatrice May	1909
Prince, Muriel Marjory	1923	Walsh, Lillian May	1926
Puddy, Betty Froome	1931	Warnecke, Mary Isabel	1954
Puddy, Maude Mary	1900	Watts, Mollie Louisa	1930
Pyne, Tryphena Grace	1918	Webb, Irene Margaret Thomson	1926
Quick, Alison Rae	1960	Whillas, Helen May	1901
Reimann, Hilda Marie	1912	White, Elizabeth Alice	1953
Reimann, Leta Edith	1932	Whittington, Clytie Myrtle	1917
Renou, Jean Lois	1923	Whittington, Sylvia Muriel	1911
Riedel, Melita Wanda	1918	Wibberley, Brian	1908
Roach, Mary Moyle	1910	Wiebusch, Adele Maria Dorothea	1924
Roberts, Winifred Sophie	1911	Williams, Hartley	1929
Robinson, Mary Patricia	1935	Williams, John Alexander	1925
Rofe, Joyce Newton	1933	Williams, Mervyn Ewart Lancelot	1924
Rowe, Elsie Maud	1919	Williamson, Arthur Burton	1908
Rowe, Florence Nellie	1914	Wollaston, Margaret Thirlmere	1941
Rozelaar, Marie	1960	Wordie, Ada Winifred	1918
		Zeven, Aila	1922

LIST OF STUDENTS WHO HAVE OBTAINED THE ADVANCED COMMERCIAL CERTIFICATE

Coffey, William James	1904	Muir, Thomas Grieve	1904
Donnelly, Albert Laurence	1905	Robertson, John George	1908
Kleeman, Theodore Richard	1906	Russack, Friedrich Wilhelm	1907
McMichael, Clunie Brice	1904	Threadgold, Stanley Garfield	1907

ASSOCIATES IN COMMERCE

Abbott, John Raymond	1950	Anderson, Murray James	1955
Abbott, Norman Frank	1930	Anderson, Reginald Hamp	1910
Adams, Harry	1931	Angel, Norman Sidney	1930
Adams, Helen Jean	1929	Angel, Ronald Frank	1930
Adams, John Clifford, B.Ec.	1949	Annell, Herbert Edward	1908
Adamson, Alfred Victor	1926	Annell, Robert Harvey	1939
Adamson, Harold Stanley	1921	Arbon, Jack Fulton	1953
Addicoat, Bryan John	1947	Arndt, Max Raymond	1956
Ahrens, Frank Leo	1945	Arnold, Raymond Borman	1949
Aitchison, Donald Leslie Judson	1939	Arthur, Maude Jessie	1934
Alderman, John Robinson	1937	Ashby, William Maxwell	1943
Alldritt, Donald Thomas	1951	Ashton, Alec James	1935
Allen, Jack	1937	Atkinson, Verdon Robert	1936
Allingame, George William Davis	1935	Austin, Brian Wilson	1954
Andersen, Clifford Werlin	1927	Ayers, Margaret Jean	1937
Anderson, John Donald	1948	Bailey, Arthur Norris	1924

Bailey, Vanda Dorothy	1928	Cameron, Roy James	1945
Balchin, Irene May	1924	Campbell, Harold Duncan	1925
Balchin, Leonard Jack	1935	Cane, Jack	1938
Baldock, Gordon Herbert	1948	Cant, Leonard George	1917
Bammann, Cuthbert Harvey	1938	Cant, Rex Birdsey	1931
Bampton, John	1927	Carey, Gerald David	1951
Barclay, William John	1950	Carter, Alan Keith	1953
Barlow, Cecil William	1939	Carter, David Burleigh	1950
Barlow, Leslie Harris	1928	Carter, Elijah	1952
Barnes, Ronald David, B.Ec.	1948	Caust, Leslie George William	1921
Barrett, Jean Miriam	1930	Cavender, Frederick Richard	1940
Barter, Francis Charles	1928	Chambers, John Harrold	1926
Barter, Jack Lampier	1930	Chappie, Keith Fletcher	1934
Barton, Jessie Charlotte	1929	Charles, Armande Joffre	1937
Basedow, Bernhard Frederick	1948	Charlick, Derek Herbert	1939
Bathgate, John Pender	1916	Chester, Glen Drummond	1938
Batt, Henry Richard Devon	1935	Chettle, Walter Richard	1927
Battye, George Harry	1924	Chinner, Alan George	1922
Battye, Ross	1920	Christison, Margaret Jean	1940
Baulderstone, Donald	1935	Clark, Phyllis Mary	1939
Baxter, Donald Bruce	1950	Clarke, Geoffrey Thomas	1923
Bayly, Edward Benjamin	1910	Clarke, John Harding	1953
Bayly, Ernest Edward	1924	Cobiac, Gerald Patrick	1949
Bayly, George Lancelot	1929	Cole, Geoffrey Leonard	1950
Bayly, Jack Harold Fellowes	1931	Collett, Keith Lancelot	1953
Bayly, William Lawes	1918	Collison, Keith Tidmarsh	1941
Beaney, Henry Finlay	1928	Colliver, Eustace James	1928
Beauchamp, Shirley Frances	1949	Combe, Bernard Milo	1948
Belcher, Milton Judson	1928	Compton, Joyce Oliver	1945
Belfer, Jacob	1944	Connelly, Joseph Kevin	1938
Bennie, John Smith	1938	Connelly, William Francis	1947
Berck, Lionel Neil	1945	Cook, Bruce Filmer	1955
Berriman, Alfred Andrew	1923	Coombe, Albert	1937
Berry, Leslie Robjohns	1937	Cooper, Ashley Anthony Richard	1927
Besley, Lillian Ray	1935	Coote, Robert Glen	1955
Bice, Norman Percival	1950	Cotton, Robert Harold	1908
Bice, Roy George	1953	Cottrell, Francis Allan	1937
Biddell, Douglas Gordon	1957	Cottrell, John Ledlam	1920
Biddle, John Parr Harding	1925	Coulthard, Clyde Ronald	1937
Biggs, James Marshall	1925	Coward, Ivan Fernley	1930
Blackwell, Hazel Annie	1931	Coward, Robert Malcolm	1930
Blair, James Beaton	1925	Cowell, Davis Francis	1939
Blair, Ruth Margaret	1940	Cox, Charles Wylde	1932
Blanch, Clement Edward	1949	Cox, Cyril Hewitt	1928
Bleckley, Graham William	1952	Craig, Ida Vera	1924
Bloomfield, Jack Lee	1939	Crane, Greta Ruby	1927
Boehm, Ernst Arthur	1945	Creswell, John	1919
Born, Frank Ford Harker	1928	Crump, Hedley Lawrence	1949
Bowden, Harry Frederick	1934	Curtis, Lawrence Gordon	1949
Bowen, Arthur Geoffrey	1933	Dahlenburg, Hurtle Henry	1952
Bower, Richard David	1930	Dahlenberg, Robert Louis	1953
Bowes, Lindsay Burton	1947	Daley, Vvryan Lancelot	1928
Bowler, Brian John	1954	Dalton, Victor Ernest	1923
Bowness, Alexander	1928	Daniel, Claude Alfred Vaughan	1921
Braddock, Dudley Warwick	1938	Daulby, Herbert Stanley	1936
Braddock, Lyall Arthur	1931	Davey, John Vernon	1953
Brady, Thomas Francis	1921	Davey, Richard Howard	1950
Bramwell, Horace Gordon	1932	Davidson, Cuthbert Hewett	1924
Brandwood, Marie Earliston	1944	Davis, Agnes Mary	1936
Branson, Colin William	1949	Davis, Brian, B.Ec.	1951
Branson, Kenneth George	1947	Davis, Bruce Frederick	1938
Braunsthal, Norman Frank	1928	Davis, James Lenton	1933
Bray, Alan Claude	1926	Davis, Noel Hewitson	1933
Bray, Bruce	1940	Davis, Rosalie Olive	1923
Bray, Clifford Samuel	1908	Daw, Arthur Baden Secombe	1956
Brazel, Thomas John	1926	Dawbarn, Richard Bunbury	1930
Brewer, John Burton	1947	Dawkins, Harry Blinman	1939
Brice, Alan Herbert	1938	Dawson, David Lancelot	1926
Brice, Malcolm Hubert	1949	Day, Colin Maxwell	1936
Bridgland, Lionel Cedric	1932	Day, Frank Vernon	1935
Briskham, Alexander George Herbert	1927	Day, Ian Mostyn	1956
Brock, Noel Howard	1922	Day, LaVerne Frank	1955
Brooks, Leonard William	1956	Deane, Allan Nicholson	1939
Brooks, Sidney Rundle	1933	Deer, Eynon John Cullimore	1954
Brown, Leonard Sawtell	1926	Denton, Samuel Bowcher	1928
Brown, Thomas Roderick	1923	Dermott, Alice May	1932
Browne, Clifford Harding	1923	Dermott, John Edwin	1921
Buckett, Claude Ernest	1940	Dewar, Peter Ferguson	1951
Buckley, William Clarence	1929	Dickson, Ronald Archibald	1952
Bulbeck, Philip Denis	1929	Dobson, Alfred James	1909
Burgess, Ellis Howard	1939	Dodd, Robert Hedley, B.A.	1947
Buring, Eleanor Bette	1937	Donaldson, John Monfries	1941
Burley, Arnold Robert	1939	Donnell, Leslie John	1939
Burns, George Eric	1927	Dowie, Jean Phillis	1935
Burr, Frederick Samuel	1923	Dowling, Crosby James	1951
Butler, Tom	1939	Downs, Claude Edmund	1932
Calder, William Cormack	1913	Downs, Donald Archibald	1938
Caldwell, Hilda Valmai	1928	Drabsch, Leo John	1948
Callaway, William Frank	1931	Duffield, Gordon Llewellyn	1936
Cameron, Elizabeth Mary	1938		

Duldig, Milton Edwin	1939	Hannan, Edward Graham	1947
Duncan, John Bayfield	1953	Hannon, James	1952
Dunn, Raymond Keith	1950	Harlow, James Keith	1941
Dynon, William Ralph	1951	Harnden, Jack	1952
Easson, Leonard John	1932	Harnett, William Edwin	1948
Eddy, John Edwin	1934	Harper, Ronald George	1935
Edson, Eileen Mavis	1930	Harrell, Max Ambrose	1952
Edwards, Alfred John	1933	Harris, Frank Randall	1949
Edwards, Colin Arthur	1930	Harris, Norman Alexander	1934
Edwards, Edgar Morton	1941	Harris, Robert Oxenberry	1951
Edwards, Ernest Albert	1937	Harris, Ronald Firth	1939
Edwards, Stanley Herbert	1941	Harris, Russell Hope	1912
Effick, Henry Birrell	1924	Harrison, William Frank	1903
Elliott, Melva Gwendoline Vivian	1931	Harvey, Keith William	1952
Ellis, Fred Leon	1939	Harwood, Ralph Felix	1952
Ellis, Kevin Clifford Keith	1934	Haslam, Alan Francis	1935
Emery, Garth Charles	1941	Hastwell, Robert Duncan	1950
Eriksen, Theodore Henry	1953	Hawkins, Alfred Raymond	1947
Errington, Edna Jean	1931	Haydon, Colin Maurice	1951
Evans, Horace Clement	1938	Haynes, Stanley Gordon	1953
Evans, Ronald Dennis	1949	Heairfield, Walter George	1930
Evens, Alan Grant	1952	Healy, Francis Robert	1937
Ewens, Leonard Thomas	1930	Heinemann, John Bryce	1948
Ewers, William David, B.A.	1943	Heitmann, Colin Richard	1950
Ewing, William John Murchie	1952	Hendry, Campbell Alexander	1914
Fahey, George Ambrose	1923	Hewett, Robert Alfred	1955
Farquhar, Donald Reginald	1929	Hiatt, Jack Thomas	1935
Farrell, Edward William	1949	Hiddle, Eugene Hayes	1953
Faulk, Kevin Barton Woodfield	1950	Hieser, Ronald Oswald	1943
Favilla, Domenico Raffaele	1939	Higginbottom, Edwin John, B.Ec.	1955
Fewell, Stanley William	1934	Higgins, Harry Coote	1920
Filsell, Geoffrey Holbrook	1942	Hill, Edward Ralph	1957
Firth, Jack Leader	1937	Hill, Patricia Pender	1949
Fisher, David le Sauvage	1948	Hill, William Charles	1933
Fisher, Harold Henry	1932	Hill, William Ross	1941
Fitzgerald, Teresa Catherine	1931	Hilton, Kingsley Winlo	1930
Fleming, Ralph Harry	1939	Hirst, Ronald Robert	1935
Fleming, Robert Colin	1933	Hoad, Sidney Arnold	1943
Flew, John William	1950	Hogben, Alfred Richard	1909
Fogarty, Stanley Patrick Joseph	1950	Hogben, Horace Cox	1915
Forbes, Colin Malcolm	1952	Holland, John Neville	1955
Forbes, Wilfred Roy	1934	Holmes, George Matheson	1955
Forrest, Peter Cameron	1949	Holt, William George	1924
Foster, Lily Dorothy	1935	Holten, Dora May	1924
Foxworthy, John Henry	1923	Homes, Alma Ivy Penelope	1927
Francis, Ainslie DeLacy	1921	Hooper, Mervyn Perry	1926
Francis, Stanley Charles	1924	Hooper, Ronald Ley	1937
Frayne, Jack Edmonston	1935	Horrocks, Charles Edgeworth	1925
Fricke, Lourdes Victoria	1948	Hosking, Kathleen Valerie	1953
Fricke, Ronald Frank	1957	Hourigan, Lloyd David, B.Ec.	1952
Fritsch, Viola Phoebe	1951	Howard, Cornelius James	1949
Frost, Ernest Martin	1949	Howard, Leonard Marie	1949
Fry, Arthur Henry Percival	1910	Howard, Paul Francis	1949
Furze, Noel Edgar	1927	Howie, Douglas Cullen	1937
Gale, Frederick Julius	1910	Howie, George Percival	1916
Garrett, Eric Mostyn	1934	Howland, Arthur Stilville	1934
Garrod, Philip Jesse	1938	Hunwick, Ernest Frederick William	1924
Gemmell, Alex Stuart	1936	Hunwick, Leonard William, LL.B.	1939
Gibb, Ernest Ullathorne	1939	Isaachsen, Eric Eduard	1936
Gibson, Eric Ambrose	1925	Isaachsen, Oscar Cedric, LL.B.	1937
Giddings, Ian Valentine	1951	Isbell, William Foulkes	1952
Giles, Kenneth Livingstone	1924	Jackson, Harold Ernest	1939
Giles, Stephen Alan Butler	1927	Jackson, Leslie Colin	1941
Gill, Thomas Fergusson	1935	James, Charles Kingsley	1918
Ginman, David Charles	1947	Jamieson, Neil Livermore	1927
Glastonbury, Oliver Albert Isaac	1929	Jaunay, Donald Robert	1949
Glenn, Ross William	1952	Jeffery, Charles Frederick	1938
Gloyn, Reginald Dan	1957	Jeffery, George Henry	1933
Gluyas, Neil James	1937	Jeffery, Roy Gordon	1940
Golovsky, Israel	1921	Jeffress, Leslie Charles	1928
Gordon, Colin Herbert	1941	Jenkinson, Keith Travers	1938
Gordon, Douglas Maitland	1938	Jenner, Arnold Miller	1929
Gosden, Robert Byron	1949	Jennings, George	1952
Gramp, Sidney Douglas	1941	Jessup, George Aubrey	1927
Grant, Kenneth Jack	1929	John, Brian	1953
Grant, Wallace Dale	1955	Johns, Darby Richard	1953
Gray, Gilbert William	1923	Johnson, Douglas Oswald	1949
Green, Lawrence Goodwin	1928	Johnson, George Ronald	1939
Greenham, Alfred Howard	1923	Johnson, Harry Witter	1932
Greig, William Ronald	1929	Johnston, Noel Stuart	1950
Grimwade, Erica Fielding	1955	Johnston, Verner	1949
Gubbins, Geoffrey Garfield	1953	Jones, Albert Stewart	1954
Haddad, Victor	1938	Jones, Brian Lewis, B.E.	1956
Hamilton, Frank Douglas	1940	Jones, Elizabeth May	1926
Hammann, Arthur Edwin	1927	Jones, Joyce Gertrude	1944
Hand, Allan	1934	Jones, William Henry	1952
Hand, Milton John	1948	Joyce, Alan Francis	1941
Hanley, Alice	1939	Judd, Percival Richard Henry	1926
Hann, Maxwell Keith	1938		

Kelly, Brian Patrick	1949	Messent, Albert Edward	1908
Kelly, Hartleigh	1933	Messent, Frank Ashby	1927
Kelly, Isobelle	1927	Middleton, Clement Roy	1951
Kelsey, Jack	1932	Miller, Colin James	1957
Kenihan, John Dudley	1933	Miller, Gavin Robert	1918
Kennedy, Mervyn George	1932	Miller, Lyle Clark	1947
Kerr, Trevor Grant	1954	Mills, Edward Whitfield	1915
Kesting, Ernest Arthur	1930	Mills, Robert Neil	1951
Kilgariff, Aloysius Kevin	1951	Minson, Charles Stanley	1930
King, John Bugler	1937	Mitchell, Brian John	1955
King, Norman Reginald	1949	Mitchell, Bruce	1919
Kinnish, Florence Maud	1920	Mitchell, John Turnbull	1938
Kirkman, David	1908	Mitchell, Lurline Vaughan	1933
Klisch, Josafat Marejan	1956	Mitchell, Shirley Eileen	1944
Knight, Bernard Murray	1938	Mobsby, Edward Tompson	1940
Knox, Rex	1949	Moncrieff, Joan Lorimer	1925
Koch, Othall Ludwig	1937	Moore, Walter Harry	1935
Kumnick, Donald Kerr	1933	Moore, Warwick Grey	1935
Lahiff, Arthur Stanley	1951	Morcom, Kenneth Douglas	1940
Lambert, Anthony Wilson	1945	Morphett, Michael Louis	1957
Lang, James Thomas	1937	Mortess, Eric James	1925
Langcake, William Charles	1940	Mould, Francis Edmund	1927
Langsford, Leonard Graham	1948	Mount, Michael Jaunay	1951
Laphorne, Cecil Lindsay John	1948	Moyes, Cecil Clarence	1918
Laughton, Robert Bruce	1942	Moyes, Charles Robert	1913
Laver, Robert William	1940	Moyle, John Ewart	1917
Lenton, Leslie	1916	Muecke, Carl Wilhelm Ludwig	1908
Letcher, William John	1934	Mullen, Brian Anthony	1930
Lever, Cecil Harry	1939	Mullin, Mary Margaret	1925
Levett, Geoffrey Frederick	1950	Mullins, Francis Patrick	1926
Lewis, Clarence George	1924	Munro, Elizabeth Margaret	1930
Lewis, Rex Ernest	1930	Murray, Donald	1930
Lillywhite, Bessie	1925	Murray, Ronald George	1936
Lindner, Walter Alfred	1955	Mutton, Henry Edwin Howard, M.A.	1926
Lloyd, Harold Trent	1926	Nairn, Donald Maxwell	1936
Loan, William Clarence	1923	Naulty, Reginald	1937
Lodge, Maurice Arnold	1929	Nave, John Lionel	1929
Loneragan, Eric Norman	1949	Needham, George Francis Jack	1911
Loneragan, Leo Desmond	1957	Nettle, Kenneth Ralph	1948
Longmire, Frank Albert	1940	Neuenkirchen, Hermann Adolph Heinrich	1912
Lorimer, Robert William	1922	Newbold, Murray Charles Lewis	1949
Loughrey, Arthur Bernard	1941	Newman, Kenneth Fisher	1928
Love, Ronald Edward Beaumont	1934	Nicol, Beryl Elvira	1943
Lowe, Kenneth Maurice	1939	Oakley, Lyle Beresford	1949
Lucas, Francis James	1953	O'Brien, Paul Dominic	1937
Lucas, Ralph Mervyn	1952	O'Dea, John Leonard	1950
Luxmore, John Alexander	1931	Odgers, Charles Edwin	1955
Lyon, Colin Grant	1929	O'Donnell, James Richard	1941
Lyon, James Cobbett	1925	O'Flaherty, Michael Sidney	1948
McAnaney, William Patrick	1931	O'Flaherty, Reginald Kitchener	1937
McAulay, John Albert Galster	1922	O'Flaherty, William Edward	1951
McAuliffe, Lionel Frank	1934	O'Grady, Michael James Anthony	1950
McCarron, Philip Bernard Alphonus	1925	O'Grady, Oswald James	1923
McCarthy, John Anthony	1930	Olyphant, Nigel Besant	1933
McDonald, Dorothy Patricia	1935	Oliver, Edward Bruce	1935
McEgan, Ernest William	1923	Oliver, Raymond Charles	1933
McFarlane, Maude Evans	1928	Ophel, Ralph Burnell	1933
McFarlane, Malcolm Ross	1952	Ormond, Colin William	1943
McGarry, Donald Martin	1936	Osborne, Dennis James	1956
McKee, Geoffrey Nolan	1935	O'Shaughnessy, Ronald	1957
McKee, George Angus	1927	Othams, Douglas Geoffrey	1954
McKee, William Albert Kenneth	1926	Padget, Dora Jane	1928
McKenzie, Allan John	1933	Paech, Richard Leonard	1947
McLachlan, John Kingsborough	1954	Painter, Edward Websdale	1920
McLean, Allan William	1921	Palmer, Bruce Cole	1938
MacLeod, Ian Frederick Angus	1956	Paltridge, Angus Lindsay	1950
McShane, Reginald Edward	1951	Pannell, James Ridgway	1955
Mack, Arthur William	1925	Parham, Geoffrey William	1954
Mack, Jack Hamilton	1953	Park, Gilbert Maxwell	1923
Macklin, Bruce Roy	1939	Parker, Murray Friend	1956
Maegraith, Paul Reginald	1952	Parkinson, John Haslam	1934
Mahoney, John Joseph	1927	Parr, Harry Sidney	1916
Malcolm, Kathleen	1933	Parr, Stanley Robert	1949
Marchant, Vernon Harold	1929	Pascoe, Douglas Everett	1927
Marrett, Lorna Liggett	1922	Pascoe, Ronald Francis	1936
Marsden, Bruce Cecil	1951	Patterson, Isabel Maude Holmes	1945
Marshall, Alma Kathleen	1921	Patterson, Robert Banks	1936
Martin, Colin Walter	1925	Payne, Randolph Douglas	1948
Martin, Eric Joan	1923	Pearce, Francis James	1952
Masters, Reginald Keith	1938	Pear, Kathleen Grace	1947
Mathews, Hugh Charles	1951	Pederick, Hubert Oswald	1929
Mathews, Reginald William	1928	Penglase, Ronald Clyde	1954
Matthews, Leonard George	1934	Pentelow, Edith May	1929
Maunder, Leonard Edward James	1926	Perriam, Clifford Allan	1937
Mead, John William, B.Ec.	1953	Perriam, Eric Charles	1939
Meaney, Thomas Francis	1948	Peterson, Ronald John	1937
Mehrtens, Bronte	1950	Phelps, Winifred Annie	1925
Mengerson, Norman Victor	1919	Philcox, Claude Joseph Owen	1923
Menkins, Frank Hermann	1908	Pike, Vernon Horace Charles	1937
Merchant, Eric George	1948	Pitcher, Ronald Samuel	1923

Pledge, Martha Phoebe	1930	Soper, Graham Michael	1954
Polden, Donald Watkins	1956	Sorell, Donald George	1945
Pollnitz, Percy Frederick	1935	Spence, Lionel Dudley	1948
Ponder, Gilbert Walter Graham	1914	Spitz, Francis	1954
Potter, Donald Roy	1937	Stalley, Douglas John, M.Ec.	1952
Potter, Frank Jacques	1942	Stanford, Walter Henry	1927
Potter, Wilfred Tom	1951	Stapleton, Thomas Leslie	1943
Pounsett, John Lenton	1949	Starling, Clifford Joseph	1947
Preskett, Malcolm	1957	Steele, Robert Moore	1908
Price, Henry Ernest	1930	Stefanskyj, Zenon	1956
Prior, Olive Cora	1933	Stephenson, Ezra	1928
Prosser, Ian Neville	1955	Stephenson, John	1924
Proud, Katherine Lily	1910	Stock, Adrian Aston	1941
Prystawski, Omelan	1955	Stoner, Ross Arthur	1953
Pulford, Vivian George	1948	Strange, Ronald Glen	1955
Puttman, Robert Marsh	1954	Stuart, Arthur Donald	1926
Raffelt, Helene	1925	Sulan, Charles	1952
Ramsey, Alfred Maxwell	1941	Summers, David Charles	1937
Ransom, William Robert George	1932	Sunter, John Scott	1936
Raphael, Alan Ralph	1956	Swan, John Gordon	1948
Raymond, Reginald Norman	1935	Swanson, Alexander	1929
Read, Angus Robert	1929	Swanson, James Baikie	1948
Read, Howard Llewellyn	1926	Sweeney, James	1935
Redman, Jessie Adelaide	1929	Talbot, John Saxton	1940
Reed, Frank Basil	1939	Tassie, Eric Harry	1917
Reilly, Lawrence Joseph	1948	Taylor, Deane Brownfield	1938
Reynolds, Ernest Joseph Walter	1925	Taylor, James Scott	1933
Rhodes, Ronald Sydney	1927	Taylor, Raymond Fyfe	1947
Richards, Kenwyn Howard	1937	Taylor, Ronald	1952
Richardson, Jack Avon	1928	Taylor, Walter Henry	1935
Riches, Robert Wilfred	1932	Temme, Bernhard Robert	1931
Ridgway, Frank Reginald	1938	Thamm, Louis George	1933
Riebe, Erwin John	1929	Thomas, Bruce Ian	1938
Riley, Oly Beata	1931	Thomas, Harold Clarke	1908
Ringwood, Robert Ainslie	1939	Thomas, Jack	1928
Rippin, John William	1949	Thompson, Frederick Aubrey Jones	1929
Roberts, James Andrew	1935	Thompson, Jack	1949
Roberts, Kenneth James	1949	Thompson, Terence Dudley	1949
Roberts, Ronald Theodore	1953	Thredgold, Lorna Wynnie	1944
Robertson, George Oliver	1908	Thurston, Frank Harris	1923
Roemfeldt, John William	1937	Thyer, Walter Vernon	1921
Rooney, John Francis	1928	Tilbrook, Kevin Townsend	1949
Rose, Vivian Clement	1933	Tillett, Arthur Colin	1930
Rowe, George Eddy	1951	Todd, Beryl Nance	1940
Rungie, Maxton Keith	1934	Topperwein, Jessie Jeanette	1925
Rush, Douglas Bartlett	1949	Travers, Edward Ambrose	1923
Rush, Herbert Stanley	1934	Treleaven, Ross	1950
Russack, Frederick William, jun.	1927	Treloar, Ronald William	1949
Ryan, William John	1927	Trigg, Frank Elliot	1926
Safra, Benjamin Louis	1950	Trimmer, Noel Donavan	1950
Sallis, Brian Leonard	1955	Tucker, Colin Pryor	1950
Sambell, Frederick James	1919	Tuckwell, Kenelm Sinclair	1925
Sando, Gordon Victor	1929	Turnbull, George Alexander	1930
Sarre, James Ayrton	1938	Turner, Arthur Frederick	1932
Sawade, Ronald Frederick	1954	Turner, Jack	1925
Scanlan, Ronald Frederick	1951	Turner, Mervyn Richard	1938
Schedlich, Bryan Linn	1951	Turner, Percy	1913
Schirmer, Gerhart Percy	1942	Turner, Raymond Stanmore	1930
Schneider, Wilfred B.E.	1932	Twiss, William Wilmott	1935
Schumacher, Bert Edward Bernard	1933	Underhill, Joseph Douglas	1950
Seaman, Gilbert Frederick	1935	Valentine, Thomas George	1950
Searcy, John Dudley	1934	Vawser, Leeson William	1920
Seddon, Gordon David LeMessurier	1939	Vawser, Frank Derwent	1925
Sellars, Norman Lionel	1933	Vawser, Noel Keith	1941
Selth, Maurice Burlitt	1938	Verco, Wilfred Douglas	1940
Shaw, Ian William	1955	Vincent, Harry	1932
Shepherd, Rupert Lloyd	1927	Vincent, Mary	1935
Sheppard, Bernard Aubrey	1910	Viney, Lawrence George	1940
Sheppard, John Tyndall	1928	Virgo, Ronald Gilmour	1937
Shier, Marjorie Dufty	1939	Wagstaff, Ronald	1937
Shuttleworth, Robert Thomas	1926	Wahlqvist, Hugo Carl	1923
Simmons, Donald William	1939	Walsh, Geoffrey Roberts	1937
Simmons, Peter James	1950	Waldeck, Reginald David Chapple	1933
Simpson, Alfred Moxon, B.Sc.	1949	Walkington, Newton Gilbert	1934
Simpson, John Favilla	1948	Walkley, John Daniel Clifford	1957
Sinclair, Jack	1955	Wallage, John Douglas	1955
Slade, James Henry Gray	1937	Walsh, Paul	1941
Slape, Marcus Frank	1910	Walter, Hugh Garthwaite Ephraim	1938
Smith, Charles Alfred	1938	Wardman, Charles Howard	1941
Smith, Clarice Margaret	1929	Wauchope, James George Neilson	1911
Smith, Dawn	1949	Webb, George Carlile	1938
Smith, Eileen Milton	1930	Werfel, Mavis Jean	1948
Smith, Henry Morris	1928	West, Kenneth Charles	1951
Smith, Isaac Francis	1923	Wheeler, Horace Roseby	1911
Smith, Kenneth Brian Innes	1949	Whelan, Patrick John	1937
Smith, Leslie Hamilton	1953	White, Godfrey Alfred	1947
Smith, Margaret Shea	1950	White, Jack Walter Robert	1950
Soar, Dudley Turner, B.Ec.	1953	White, Wilfred Allan	1940
Soar, Harold Arnold	1953		
Solly, Hubert Ambrose	1913		

Whitridge, Gladstone Keith	- - - - -	1920	Williams, Zena Vera	- - - - -	1926
Whittenbury, Vernon Frank	- - - - -	1949	Williamson, Harold Edgar	- - - - -	1926
Whittle, Ralph Keith Linhorne Cresdee	- - - - -	1952	Wilson, Aileen Elsie	- - - - -	1952
Whitwell, Bruce Dowland	- - - - -	1934	Wilson, William Norman	- - - - -	1950
Wickes, Donald William	- - - - -	1937	Wilton, James Hardy	- - - - -	1954
Wildy, Mervyn Arthur George	- - - - -	1950	Winch, Ronald Thomas	- - - - -	1954
Wilkie, Alan John	- - - - -	1957	Winter, Claude Howard Stanley	- - - - -	1914
Wilkins, Ada Dorothy Marion	- - - - -	1927	Wood, Alfred Evelyn	- - - - -	1909
Williams, Albert Bruce Wauchope	- - - - -	1925	Wood, Maurice Garnet	- - - - -	1938
Williams, Edward George	- - - - -	1934	Woolcock, Alan Burnett	- - - - -	1939
Williams, Eric Spencer	- - - - -	1922	Woolcock, Royal Johnston	- - - - -	1928
Williams, Gilbert Raymond	- - - - -	1953	Wright, Dorothy Maud	- - - - -	1929
Williams, John Carter	- - - - -	1917	Wright, Robert Samuel	- - - - -	1941
Williams, Kenneth Douglas	- - - - -	1951	Wyett, Ernest Stanley	- - - - -	1931
Williams, Norman Lindsay	- - - - -	1951	Young, Norman Smith	- - - - -	1930
Williams, Ronald Bannister	- - - - -	1937			

ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford	- - - - -	1953	Jackson, Harold Ernest	- - - - -	1935
Aistrop, Donald William Anderson	- - - - -	1959	James, Henry John	- - - - -	1955
Anthony, Ernest	- - - - -	1950	Jeffery, Charles Frederick	- - - - -	1934
Ashenden, Herbert John	- - - - -	1957	Johnson, Maxwell Colin	- - - - -	1953
Belchamber, Kenneth Charles	- - - - -	1959	Kay, Harold Edwin	- - - - -	1938
Belcher, Milton Judson	- - - - -	1937	Laver, Robert William	- - - - -	1952
Brooks, Sidney Rundle	- - - - -	1938	Lee, Frank Botham	- - - - -	1937
Burton, Roy Victor	- - - - -	1937	Lokan, Albert Henry	- - - - -	1939
Carey, Edward John	- - - - -	1936	Mattingley, Maxwell Albert Percy	- - - - -	1945
Cavalier, Elizabeth Mary	- - - - -	1943	Menear, Ira, B.A.	- - - - -	1953
Clark, James,	- - - - -	1938	Messent, Esther Mary, B.A.	- - - - -	1936
Collett, Kenneth James	- - - - -	1953	Millard, Clifford James	- - - - -	1933
Combe, Bernard Milo	- - - - -	1937	Mitchell, William Robert, B.E.	- - - - -	1956
Cook, Gordon James, B.Ec.	- - - - -	1948	Naylon, Augustin James	- - - - -	1934
Coombe, Albert	- - - - -	1932	Ormond, Colin William	- - - - -	1949
Coombe, Samuel	- - - - -	1936	Pollnitz, Percy Frederick	- - - - -	1938
Coonan, Edward Raymond	- - - - -	1949	Pope, Hugh Gilmore	- - - - -	1932
Cottrell, Francis Allan	- - - - -	1934	Pretty, Walter Arthur	- - - - -	1948
Craker, Arthur Ernest	- - - - -	1932	Priest, Alan Hewett	- - - - -	1937
Dale, Richard Charles Moritz	- - - - -	1940	Reseigh, Claude Edgar	- - - - -	1934
Daniel, Claude Alfred Vaughan	- - - - -	1935	Roberts, John William	- - - - -	1953
Davis, Brian	- - - - -	1952	Robinson, David Floyd	- - - - -	1935
Davis, Robert Keith	- - - - -	1958	Russell, Andrew Earl Lindsay	- - - - -	1951
Deane, Allan Nicholson	- - - - -	1936	Ryan, Charles Landers	- - - - -	1941
Dodd, Aubrey Francis Rule	- - - - -	1948	Sando, Maurice Hughes	- - - - -	1934
Doecke, Heinrich Albert	- - - - -	1931	Schlenk, Conrad John	- - - - -	1958
Doig, Malcolm Robert	- - - - -	1955	Segnit, Alick	- - - - -	1957
Donaldson, John Monfries	- - - - -	1936	Simmons, Donald William, B.Ec.	- - - - -	1950
Doyle, Leo James, LL.B.	- - - - -	1951	Slade, James Henry Gray	- - - - -	1932
Dunstan, Jack Connon	- - - - -	1952	Smith, Harold Reid, LL.B.	- - - - -	1949
Gartrell, Frank Prisk	- - - - -	1956	Taeuber, Kenneth Charles	- - - - -	1958
Good, Richard John, B.E.	- - - - -	1959	Terme, Bernhard Robert	- - - - -	1933
Gordon, Coleman Guildford	- - - - -	1939	Thomas, William Henry Oswald	- - - - -	1947
Gret, Norman Stanley	- - - - -	1958	Tillett, Arthur Colin	- - - - -	1950
Griffin, Ray Edwin	- - - - -	1953	Turner, Brian Scott	- - - - -	1958
Hammond, Raymond Charles	- - - - -	1951	Voyzey, William	- - - - -	1952
Headland, Brian Cobrey	- - - - -	1956	Walker, Colin Alexander Dunstan	- - - - -	1948
Hewett, Alexander Macdonald	- - - - -	1938	Wellington, Murray Morley	- - - - -	1949
Holland, John Neville	- - - - -	1960	West, Kenneth Charles	- - - - -	1949
Holland, Robin Laurence	- - - - -	1960	Wharldall, Lancelot Arthur	- - - - -	1953
Honey, Henry Beric	- - - - -	1958	Whitford, Alfred Eugene	- - - - -	1941
Hutchinson, Hugh Morgan	- - - - -	1940	Wight, Robert James	- - - - -	1938
Hutton, Malcolm Austin	- - - - -	1960	Williams, David John	- - - - -	1956
Inglis, Gilbert Gerald	- - - - -	1958	Wilson, Kendrick Frank Jefferies	- - - - -	1958

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

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

DIPLOMAS IN APPLIED SCIENCE

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

DIPLOMA IN FORESTRY

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

Alcock, Dudley Horald, B.A.	- - - - -	1944	Argyle, Margaret, B.A.	- - - - -	1957
Allen, John Bernard, B.A.	- - - - -	1942	Ashenden, Leslie Edward, B.A.	- - - - -	1952
Allen, Leonard Nicholls, M.A.	- - - - -	1939	Ashton, Harry Tambllyn, B.Sc.	- - - - -	1960
Altmann, Olive Stella, B.A.	- - - - -	1951	Aston, Morrell Kenneth, B.A., B.Sc.	- - - - -	1952
Altus, Rudolph Herman, M.A. (Melb.)	- - - - -	1950	Atwell, Leslie George Danks, B.A.	- - - - -	1941
Anders, Douglas John, B.Sc.	- - - - -	1947	Baddams, Violet Thenie, B.A.	- - - - -	1940
Anderson, Alex Gordon, B.Sc.	- - - - -	1956	Barber, Howard Frank, B.A.	- - - - -	1943
Anderson, Aubrey James Clifton, B.A.	- - - - -	1948	Barnes, Frederick Lynne, B.Sc.	- - - - -	1944
Arcus, Wesley John, B.A.	- - - - -	1953	Barrett, William Vernon, B.A.	- - - - -	1951

Bartholomaeus, Edmund Stanley, B.A.	1931	Donnellan, Teresa Marie, B.A.	1950
Bartleet, Nancy Irene, B.A.	1950	Dowdy, Norman James, B.A.	1949
Batchelor, Flossie Elizabeth Reine, B.A.	1922	Downs, George William, B.A.	1948
Baum, Murray Richard, B.A.	1957	Dungey, Kevin Leonard, B.A.	1944
Bawden, Albert Victor, B.A.	1942	Dunlop, Walter James, B.A.	1958
Beare, Hedley, B.A.	1956	Dunn, Edith Marie, B.A.	1942
Beaumont, Olive Sowter, B.A.	1943	Dunn, Sydney Stephen, B.A.	1951
Beckwith, Shirley Katie, B.A.	1948	Dyster, Thomas, B.A.	1956
Bennett, Annie Stevens, B.A.	1924	East, Vernon Roy, B.A.	1948
Bennett, Charles Gordon, B.A.	1934	Eckert, Lexley Frank	1960
Bennett, Thomas Southall, B.A.	1940	Eden, Owen Frederick, B.Sc.	1951
Bennetts, William Rawling, B.Sc. (Western Australia)	1956	Edgar, Heather Mary, B.A.	1960
Bentley, William James, B.A.	1949	Edwards, Victor Wilfred Alcom, B.A.	1943
Berry, Frances Winifred, M.A.	1924	Elder, Audrey Olive, B.A.	1950
Bested, Gordon John, B.A.	1945	Eley, Agnes May, B.A.	1943
Bettison, Margaret Selina, B.A.	1952	Esselbach, Rodney, B.A.	1958
Biddle, Enid Barbara, B.A.	1949	Evans, Mary, B.A.	1941
Biele, Keith William, B.Ec.	1953	Ewers, William David, B.A.	1940
Bilney, Neil Joseph, B.A.	1947	Eyers, Vivian George, B.Sc.	1959
Boehm, Walter Gotthilf, B.A.	1955	Falkenberg, Walter Edwin, B.A.	1942
Bone, Maxwell Harold, B.A.	1939	Farmer, Helen Robinson, B.A.	1948
Boord, Frederick Hughes, B.A.	1957	Farrell, Edward Francis, B.A.	1944
Boroky, Betty Margaret, B.A.	1959	Farrow, Murray Aubrey, B.A.	1947
Boundy, William Stevenson, B.Sc.	1958	Farrow, Robert Murray	1956
Bourke, Denis Francis, M.A. (Sydney)	1959	Featherstone, Dora Bewlay, B.A.	1923
Bourke, Elma Marie, B.A.	1941	Fechner, Martin Johann Traugott, B.A.	1940
Braham, Henry Arnold Collyer, B.A.	1960	Fehlberg, Tasman Julius August, B.A.	1942
Bray, Elva Mildred, B.A.	1943	Fergusson, George Robert, B.A.	1955
Brazier, John Richard, B.A.	1952	Field, Alan Kimber, B.A.	1958
Brideson, Colin Herbert	1959	Finn, Beatrice Mary, B.A.	1943
Brown, Donald Edgar	1954	Fisher, Ruben Walter Alfred, B.A.	1950
Brown, Henry, M.A.	1924	Fitzgerald, Bartholomew John, B.A.	1932
Brown, Norman, B.A.	1960	Fitzgerald, Clarence Lindsay, B.A.	1954
Brown, Reginald Dutton, B.Ec.	1947	Fitzpatrick, Alexander Thomas, B.A. (Melb.)	1954
Bull, Winifred, B.A.	1948	Fitzpatrick, Clifford George, B.Sc.	1952
Bunney, Bronte Rowland, B.Sc.	1957	Flower, Clifford Horace Kenneth Dunn, B.Sc.	1928
Burdon, Ivor Leslie, B.A.	1945	Flynn, Kevin John, B.A.	1942
Burfield, Arthur, B.A.	1954	Forbes, William, B.A.	1939
Burnard, Charles Robert	1948	Forsyth, Elliott Christopher, B.A.	1950
Burns, Esther	1949	Fricker, Lyall Peterie, B.Sc.	1951
Burton, Dudley Hopetoun, B.A.	1941	Fulton, Gwen Evelyn Hamilton, M.A.	1945
Butcher, Alan Edward, B.A.	1933	Gann, Eric Crump, B.A.	1954
Butler, Kathleen Fiona, B.A.	1948	Gare, Lloyd, B.Sc.	1938
Butler, Pamela Margaret, B.Sc.	1958	Gaskell, Joan Mary, B.A.	1955
Campbell, Archibald Herbert, B.A.	1939	Gazard, Geoffrey Albion	1949
Cannell, Cedric James, B.Sc.	1942	Gent, Alan Franklin, B.A.	1950
Cant, Alister McKinnon, B.A.	1944	Georg, Victor Gerhard, B.A.	1952
Carmen, Noel Francis, B.A.	1951	Gerlach, Max Johann, B.A.	1927
Carthew, Lancelot, B.A.	1950	Geytenbeek, David Robert, B.Sc.	1959
Cavenett, Horace Clifford	1945	Gibbs, Alfred Lewis Burnand	1949
Cawte, Frederick George Nelson	1942	Gibson, Ernest Stephen Harvey, M.Sc.	1942
Chalklen, Roland John, B.A.	1960	Gibson, Gladys Ruth, B.A.	1940
Chapman, John Marsden, B.A.	1940	Gibson, Graham Coyne, B.A.	1953
Charlesworth, Thomas William, M.A.	1947	Giersch, Leonard Ernst, B.A.	1943
Chittleborough, Glen, B.Sc.	1960	Gilchrist, Robert James	1950
Clark, Henry William, B.A.	1954	Gilham, James Edgar, B.A.	1959
Clarke, Phil Gregory, B.A.	1952	Gill, Clarence William, B.A.	1940
Cleggett, Lloyd	1955	Glastonbury, Dudley Ivan, B.A., B.Sc.	1935
Close, Maynard Davidson, B.A.	1948	Glastonbury, James Oliver Garnet, B.A., B.Sc.	1934
Close, Ronald Wilkinson, B.Sc.	1945	Gliddon, William Aquilla Robert James, B.A.	1959
Cochrane, Heather Bernice	1958	Glynn-Roe, Wilfred Joseph	1950
Coggins, Harold Douglas, B.Sc.	1955	Golding, Edmond William, B.A.	1951
Coggins, Robert Symes, B.Sc.	1952	Golding, Phyllis May, B.A.	1954
Coleman, Isobel Beryl Jean, B.A.	1949	Goldsworthy, David, B.A.	1959
Collins, Charles Vincent, B.A.	1940	Goldsworthy, John Garfield, M.A.	1951
Cornelius, Muriel Merle, B.A.	1956	Goldsworthy, Reuben, B.Sc.	1954
Corrigan, Lawrence Joseph	1930	Gooden, Edgar Whitridge, B.Sc.	1959
Cosgrove, Bernard Augustin, B.A.	1945	Graham, Mary Theresa, M.A.	1940
Cosh, James Malthouse, B.A.	1949	Green, Richard Maslen, B.A.	1940
Counsell, Ruth Kingsley, B.A.	1955	Griggs, Clarence Middleton, B.Sc.	1928
Cramer, Gerard Leigh, B.A.	1952	Grosvenor, Edna Mary, M.A.	1951
Cramond, Margaret Mary Alyn, B.A.	1956	Gunton, James Donald, B.A.	1940
Cropley, Arthur John, B.A.	1960	Haden, John Forbes, B.A.	1955
Cross, Jack	1957	Haese, Frederick Ernest Douglas, B.A.	1952
Crowe, Elizabeth Mary, B.A.	1954	Haines, Murray David, B.A.	1959
Cusack, John Charles, B.Sc.	1959	Hansberry, John Pierce, B.A.	1949
Dack, Thomas, B.A.	1938	Hansberry, Mary Estelle, B.Sc.	1953
Daddow, Henry Howard, B.A.	1943	Hansen, Ian Victor, B.A.	1954
Davies, Natalia, B.A.	1940	Harper, Ronald George, B.A.	1941
Davis, Robert Bruce, B.A.	1950	Harrington, Colin	1949
Davison, Gordon William, B.A.	1938	Harrip, Brian John, B.A.	1955
Daw, William Ronald	1954	Harris, Donald Dunstan, M.A.	1934
Deer, John Gregory, B.Sc.	1956	Harris, Dudley Andrew, B.A.	1940
Dennis, Alan Henry, B.A.	1953	Harris, Lorna Muriel, B.A.	1950
Dennis, William Norman, B.Sc.	1958	Harris, Shirley Joyce, B.A.	1948
Dent, Marjorie, B.A.	1960	Hart, Arthur Maxwell	1950
Dinning, Alfred Ernest, B.A.	1933	Harvie, Sydney Haral, B.Sc.	1938
Dinning, Rodney Alfred Brady, B.A.	1956	Hasenhor, Edward, B.A.	1952
		Hauser, Frederick Herbert, B.A.	1934

Hayward, Walter Richard, B.A.	1937	McLean, Murray Colin, B.A.	1951
Healey, Nora Kate, B.A.	1941	McLean, Reginald Alexander, B.A.	1936
Heidenrich, George Bernhardt Franz, B.A.	1948	McMillan, Stanley Lyall, B.A., B.Sc.	1960
Heinemann, Mervyn Lambert, B.A.	1948	McMurtie, Alfred Ian, B.A.	1939
Henderson, Margaret Evelyn, B.A.	1960	McMurtie, Colin, B.A.	1939
Hewitson, Malcolm Thomas, B.A.	1955	McPharlin, Alison Tudor, B.A.	1957
Hickey, Kathleen Veronica, B.A.	1950	McPherson, Alexander Owen, M.A., B.Sc.	1939
Higginbottom, Edwin Corlett, B.A.	1929	Macklin, Laura Muriel Caterer, B.A.	1939
Higgins, Alfred James, B.A.	1950	Macklin, William Charles, B.Sc.	1956
Hilbig, Paul Berthold, B.A.	1935	Macpherson, Reginald Murray, B.A.	1948
Hilton, Arthur Robert, B.A.	1936	Magor, Clifford James, M.A.	1945
Hirst, Ronald Robert, B.Ec.	1944	Magor, Irvine Frank, B.A.	1943
Hiskey, Thomas Alan, B.A.	1951	Manuel, Deane James Hubert, B.Ec.	1952
Holland, Joan, B.A.	1948	Marks, Monica Mary, B.A.	1960
Holmes, Angus Spooner, B.A.	1957	Marshall, Herbert Edmund, B.A.	1941
Hooper, John Robert, B.A.	1960	Marshman, Ashley Mead, B.A.	1950
Hoskins, Howard Berthold, B.A.	1938	McLay, Andrew Harold, B.A.	1954
Howard, Ephrem, B.A.	1940	Martin, Alfred William, B.A.	1953
Howlett, Diana Rosemary, B.A.	1959	Martin, Amalia Anna, B.A.	1941
Howlett, Nellie Ruth, B.A.	1944	Martin, Maurice Leon, B.A., B.Sc.	1955
Howlett, Philip Thomas Michael, B.A.	1944	Martin, Ralph Keith, B.A.	1948
Hume, Beryl May, B.A.	1960	Martin, Walter Raymond, B.A.	1941
Humphries, Arthur Cecil George	1941	Maschmedt, Zillah Daisy, B.A.	1940
Hunkin, Milton Philip, B.A.	1958	Masters, Bernard Lincolne, B.A.	1960
Hutson, Walter William	1945	Materne, Desmond Eric, B.A.	1959
Hyde, Alan Graham, B.Ec.	1955	Matters, Horace John	1950
Ireland, Norman Arthur, B.A.	1924	Matthews, Richard Trahair, B.A.	1943
Isom, Constance Ruth, B.A.	1942	Mattingley, Brian John, B.A.	1939
Jenkin, Alfred John Roseland, B.A.	1939	May, Dorothy Mary, B.A.	1948
Jenkins, Rex Desmond, B.A.	1943	May, Leonard Seymour, B.Sc.	1939
Johncock, Ernest Harry, M.A.	1929	Maynard, Donald Archer Scott, B.Sc.	1940
Jolly, William Richard Norman, B.A., B.Sc.	1939	Maguire, John Charles, B.A.	1947
Jones, Albert Walter, B.A., B.Sc.	1939	Measday, Ellen May, B.A.	1947
Jones, Reginald John, B.A.	1954	Measday, Shirley, B.A.	1949
Jordan, Deirdre Frances, B.A.	1951	Middleton, Melville John William, B.A.	1943
Judd, James, B.A.	1956	Miller, Annie Rose, B.A.	1948
Juett, Christina Margaret, B.A.	1943	Mills, John Murray, B.A.	1959
Kean, Eileen Margaret, M.A.	1954	Milne, Annie Johnson, B.A.	1939
Kearney, Bernard James	1949	Mitchell, Albert Leonard, B.A.	1960
Kelly, Ellen, B.A.	1934	Mitchell, Annie Nora	1938
Kenny, Martin Lance, B.A.	1942	Mitchell, Zonne Marion, B.A.	1959
Keon-Cohen, Russell Hallel, M.A. (Melb.)	1947	Molloy, Raymond Brian, B.A.	1951
Kerin, John Francis, B.A.	1956	Moore, John Robert, B.A. (Western Australia)	1960
Kerslake, William James	1942	Moore, Neville Stanley, B.A.	1958
Kesting, Louis John, B.A.	1949	Morris, John Lennox, B.A.	1954
Keynes, Nanette Joan, B.A.	1950	Mudge, Margaret, B.A.	1958
Kies, Alick Andrew, B.A.	1948	Mueller, Edwin Albert, B.A.	1954
Kildea, Mary Francis, B.A.	1941	Mueller, Rae Vernon, B.Sc.	1954
Klaebe, Ruth Adelaide, B.A.	1951	Muetzefeldt, Elfriede, B.A.	1941
Kloeden, Louis Adolph, B.A.	1951	Mules, Betty Lavina, B.A.	1950
Knauerhase, Oscar Carl, B.A.	1938	Mundy, Kevin Arnold, B.A.	1942
Knight, Russell William, B.A. (Econ.) (Manc.)	1958	Murphy, Mary, B.A.	1938
Koehne, Raymond Percy, B.A.	1948	Murphy, Shylie Patricia, B.A.	1948
Kohler, Bryce Leonard Percival	1955	Murrie, Jill Margaret, B.A.	1957
Laidlaw, William Clarke, B.A.	1940	Nicholas, Willand John, B.A.	1944
Lamacraft, Kenneth Ronald Ross, B.A.	1955	Nicholls, Barbara Ruru, B.A.	1947
Lamey, Charles Sydney, B.A.	1937	Nichterlein, Frieda Pauline, B.A.	1955
Lang, Ian Philip, B.Sc.	1957	Nickolai, Max Ronald, B.Sc.	1955
Laslett, Ian John, B.Sc.	1954	Nietz, Arno Oscar, B.A.	1953
Laubsch, Colin Andrew, B.Sc.	1958	Ninnes, Arthur Reginald, B.A.	1944
Lawry, Reginald Arthur, B.A.	1947	Noblett, Hedley Lindsay, B.A.	1939
Leach, William Valentine, M.A., Dip.Econ.	1928	Nottle, Geoffrey Edward, B.A.	1959
Leditschke, Margaret Mary Caroline, B.A.	1959	O'Brien, Francis John Romuald, B.A.	1954
Lemcke, Vincent Andrew Howard, B.A.	1949	Ockenden, Garth Palmer	1950
Lemmey, Ford Prall, B.A.	1955	O'Connell, William Bernard, M.A.	1945
Leske, Elmore, B.A.	1960	O'Connor, Deirdre Catherine, B.A.	1958
Lewis, Leonard Arthur, B.Sc.	1947	O'Connor, Peter Joseph, B.A.	1955
Lewis, Raymond Douglas, B.Sc.	1943	O'Malley, John Edwin, B.A.	1949
Lewis, Richard Owen, B.A.	1959	O'Neill, Cornelius Patrick, B.A.	1951
Lillecrapp, Douglas Arthur Julian, B.A.	1950	O'Neill, Marguerite, B.A.	1950
Lowke, John James, B.Sc.	1958	Osman, Neile, M.A.	1948
Lush, Anita Rose, B.A.	1960	Owen, Gwenyth Winsome, B.A.	1945
Lushey, Harold Merton, M.A.	1930	Page, Eleanor Florence, B.A.	1943
Lynch, John Henry, B.A.	1950	Parkes, Roy Frederick Walter	1952
McCarthy, Bernard, B.A.	1942	Parkinson, Kevin John, B.Sc.	1955
McCracken, Samuel Raymond	1958	Parsons, Colin, B.A.	1959
McCullough, Amy Margaret, B.A.	1945	Parsons, Edward Clarence, B.A.	1941
McDonald, Donald Stuart, B.A.	1945	Parsons, William Ross, B.A.	1951
McDonald, Gilbert Sherman, B.A.	1934	Pash, Hannah Rita, B.A.	1934
McDonald, John Hunter, B.A.	1936	Paul, Alec Gordon, M.A., B.Sc.	1934
McDonald, Percy William, B.A.	1940	Payne, George Basil, B.A.	1938
McDonald, Peter Baker, B.A.	1957	Pearce, Alfred Moreton, B.A.	1953
McDonald, Anthony Godfrey	1947	Pearce, Charles Clifton, B.A.	1940
McElroy, Aloysius John, B.A.	1942	Pearman, Reginald John, B.Sc.	1957
McEvoy, George Murray, B.A.	1940	Pearson, Howard James, B.A.	1941
McGowan, Anthony Christopher, B.A.	1960	Pearson, Leslie Norman, B.A.	1943
McGuire, Florence	1945	Pedlow, Clarice, B.Sc.	1944
McIntosh, Florence	1938	Pennicott, Ralph William	1953
McKay, Malcolm William, B.A.	1938	Pennington, Beryl, B.A.	1945
McKinnon, Robert Campbell, B.A.	1936		

Penny, Hubert Harry, B.A.	1930	Strahan, Anthony William, B.A.	1939
Perry, Dulcie May, B.A.	1941	Sugg, Bentham Horace, B.A.	1940
Peters, George Francis, B.Sc.	1953	Swanson, Albert Frederick Daniel, B.A.	1960
Peterson, Jean Clarice, B.A.	1942	Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Educ., 1943)	1939
Phillips, Gordon Gilbert, B.A.	1947	Symonds, Wybert Milton Caust, B.Sc.	1939
Pitman, Beresford Ernest, B.A., B.Sc.	1949	Tapp, Adrian Lynda, B.A.	1928
Polkinghorne, Keith, B.A.	1939	Ternan, Verna Joyce, B.A.	1945
Porter, Harold George, B.A.	1942	Theobald, Howard Wesley	1954
Power, Frances Maureen, B.A.	1956	Thiele, Colin Milton, B.A.	1947
Prest, Robert Henry, B.A.	1960	Thompson, Douglas Norman, B.Sc.	1955
Price, Ione Dorothy, B.A.	1949	Thompson, William, B.A.	1941
Prime, Andree Joyce, B.A.	1949	Tiller, Kenneth Matthew John, B.A., B.Sc.	1956
Proctor, Ivy Millicent, B.A.	1939	Tillett, Peter Irwyn, B.Sc.	1958
Provis, Douglas Franklin, B.Sc.	1953	Tilly, Graham John, B.Sc.	1960
Pryor, Eric John, B.A.	1941	Tomlinson, Betty Mary, B.A.	1950
Purslow, Martin, B.A.	1956	Tonkin, Mary Elizabeth, B.A.	1952
Pyne, Maurice Ignatius, B.A.	1929	Torr, Shirley Constance	1944
Rabone, Harry Klements Percival, B.A.	1941	Townsend, Herbert Louis, B.A.	1945
Radcliffe, Sheila, B.A.	1953	Traeger, Keith Terence, B.A.	1950
Ray, Marjorie, B.A.	1951	Treasure, Eunice Jessie, B.A.	1947
Read, John Herbert, B.A.	1959	Treasure, Valda Beth, B.A.	1953
Read, Philip Andreas, B.A.	1941	Tregenza, Sydney Lloyd, B.A.	1935
Redden, Martin Philip, B.A.	1934	Trenorden, James Henry	1945
Redin, Lewis Charles, B.A.	1959	Trudinger, Ronald Martin, B.A.	1944
Redstone, Frank, B.A.	1960	Tuckwell, Eric Clavering, B.A.	1945
Reed, Barbara	1954	Tuckwell, Kenelm Sinclair, B.A.	1945
Rehn, Denzil Farnham, B.A.	1958	Turner, Constance Mary, B.A.	1954
Rendell, Alan, Dip.Econ.	1929	Twartz, Arnold Frederick, B.Sc.	1944
Renner, Johannes Theodore Erich, B.A.	1954	Twartz, Clement Wilford	1950
Reynolds, Maxwell Stanley, B.A.	1950	Verrall, Raymond Wilfred, B.A.	1942
Richards, Gordon Alfred, B.A.	1940	Vickery, Frederick Arthur, M.A.	1935
Richards, William Edward, B.A.	1953	Wache, Ethel Mabel, B.A.	1941
Richardson, Ruth Mary Desmond	1958	Wachtel, Heinrich Lenhart, A.U.A.	1956
Riedel, Felix Daniel, B.A.	1954	Waite, Jack Francis Enos, B.A.	1939
Roberts, Beatrice Enid Lloyd, B.A. (Bristol)	1957	Wakeford, Sidney Claud, B.A.	1939
Roberts, Jennefer Mary, B.A.	1960	Walker, Gilbert John, B.A.	1944
Roberts, John Desmond, B.A.	1960	Wallace, Francis Joseph	1953
Robinson, Samuel Foster	1922	Walsh, Margaret Mary, B.A.	1960
Robson, Bruce Neville, B.Sc. (Tasmania)	1956	Walter, Denys	1955
Rodgers, Frances Ada, B.A.	1938	Ward, Margaret Kennings, B.A.	1953
Roehrs, Herma Erika, B.A.	1953	Warren, Donald Hampton, B.A.	1955
Rogers, Ruth Nellie, B.A.	1956	Warren, Sidney Lilla, B.A.	1927
Rooney, Clifford, B.Sc.	1938	Watkinson, Mavis Daphne, B.A.	1942
Rooney, Lois Josephine, B.A.	1948	Wattchow, Colin Edward, B.A.	1954
Routley, Peter Herbert, B.A.	1960	Wauchope, Mavis Lorelie, B.A.	1929
Rudd, Kenneth Clive, B.A.	1947	Waugh, William McDonald, B.A.	1952
Ryan, Michael Rupert, B.A.	1941	Wayne-Smith, Reginald John	1953
Sage, Harold Robert, B.A.	1954	Webb, Emmaline Nancy, B.A.	1952
Sandercock, Alfred Mervyn, B.A.	1938	Webber, Muriel Esmé Jill, B.A.	1959
Sando, Clarice Melva	1955	Welsh, James Oglesby, B.A.	1951
Saunders, Bryan Gordon Reginald, B.A. (North Staff)	1957	Westgarth, Walter Tebble, B.A.	1928
Searle, Clifford Alfred James, B.A.	1940	Whalan, Lionel Walter, B.A.	1950
Scriven, Murray Walter, B.A.	1950	Wheaton, Neville Kingsley, B.Sc.	1960
Sexton, Edgar Raymond, B.A.	1935	Whitburn, Jack, B.A.	1935
Sharman, Florence Mary, M.A.	1923	White, Stanley Noel, B.A.	1957
Shaw, John Robert Stockdale, M.A.	1942	Whitelaw, Albert James, B.A., B.Sc.	1945
Shaw, Kate Hambly, B.A.	1937	Whittle, Edith Julia, B.A.	1954
Shepherd, John Alfred, B.A.	1942	Wiese, Margaret Helen, B.A.	1960
Shinkfield, Anthony James, B.A.	1957	Wilkins, Ray Eber, B.A.	1950
Showder, Ronald Louis, B.A.	1943	Wilkinson, Donald Cameron, B.A.	1955
Simpson, Penelope Margaret, B.Sc.	1953	Wilksch, Betty Ruth, B.A.	1953
Slee, Dugald Houghton, B.A., B.Sc.	1940	Willcocks, Robert Douglas, B.Sc.	1954
Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956)	1951	Williams, Arthur Charles, B.Sc.	1955
Smallacombe, Roy Frederick, B.A.	1955	Williams, George Esson Keith, B.A.	1941
Smith, David Carswell, B.A.	1939	Williams, George Mervyn, B.Sc.	1957
Smith, Edward Rowland, B.Sc.	1945	Williams, James Henry, B.A.	1922
Smith, Henry Elliott Wesley, B.A.	1938	Williams, Phillip Glenly, B.A.	1943
Smith, Joan Francis, B.A.	1953	Williams, Rona Lynette	1960
Smith, John Fife, B.A.	1939	Williams, Walter Leslie, B.A.	1949
Smith, John Henry, A.U.A.	1955	Willington, Lloyd Stanley	1950
Smith, Sheila Isabel Wesley, B.A.	1947	Wills, Lindsay Arthur, B.A.	1956
Sobey, Iris Beatrice, B.A.	1956	Wilson, Avis Jean, B.Sc.	1958
Spargo, Stanley Carr, B.A.	1939	Wilson, Francis Patrick	1943
Sparrow, Lorna Discombe, M.A.	1941	Wilson, Jack Woodrow, B.Sc.	1943
Staudte, Clarence Herman, B.A.	1958	Wilson, Luther Ernest Crosby, M.A., B.Sc.	1939
Stanley, Raymond John	1958	Wood, Allen Edwin, B.A.	1947
Stead, Sydney Arnold, B.Sc.	1949	Wood, Colin James, B.A.	1959
Steinle, John Richard, B.A.	1959	Wright, Angus Stanley, B.Sc.	1939
Stodart, Barbara Joan, B.A.	1957	Yelland, Kathleen Norah, B.A.	1959
Storch, Wilhelm Murray, B.A.	1949	Zoratti, Alba Pierina, B.A.	1949

ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen	1955	Arthur, Lawrie Edyvean	1949
Allen, Ursula Margaret	1957	Aspinall, Nancie Jean	1944
Allert, Margaret Elizabeth	1943	Astley, Margaret Helen	1953
Angwin, Helen Mary	1952	Baker, Mary Elizabeth	1942

Barker, Leon James Frank	1957	Kidman, Elizabeth Duncan	1942
Barnett, Frederick Ian	1956	Laphorne, Robert Ingersoll	1960
Beare, Lynden Day	1954	Laycock, Geoffrey Clinton	1948
Bell, Thomas Clive Lithgow	1948	Lines, Beryl Linda	1952
Betteridge, Pamela Beth	1951	McCarthy, Graham Rees	1960
Braham, Henry Arnold Collyer	1951	McDowall, James	1952
Brooks, Charles Alfred	1945	McCargill, Gordon Winstanley	1949
Bullock, Ivor George William	1950	MacGillivray, Leith Grant	1951
Bungay, Valmai Gladys	1958	Maddocks, Jean Kinloch	1944
Cadzow, Leslie Consort	1949	Mellish, Mary Evelyn	1954
Carlson, Margaret Jean	1958	Michelmores, Agnes	1958
Chapman, Denise Alcon	1950	Mutton, Howard James Charles	1948
Cook, Heather Mignon	1947	Newman, Shirley Lena	1954
Cooper, Brian James	1954	Nixon, Valerie Colinette	1955
Coppock, Jeanetta May	1943	Noble, Alan	1956
Cox, Merilyn Ann	1960	O'Loughlin, Ruth Dorothy	1945
Crisp, Brian Rex	1952	Page, Ronne Earle	1944
Daly, John Alfred	1960	Proctor, Ivy Millicent, B.A.	1945
Dane, Beverley Ann Jennifer	1959	Pugh, Elizabeth	1949
Delanty, Patricia Hickford	1949	Quigley, Brian Maxwell	1959
Delsar, Frederick William	1949	Reynolds, Maxwell Stanley	1944
Drabsch, Alfred Felix, B.A.	1947	Roberts, Owen David	1947
Duffield, Valma Jean	1953	Rowe, Joy Dorothy	1950
Duncan, Prudence Ann	1960	Saint, Bryce Wesley	1958
Edge, Thomas George	1958	Scheutz, Harold Edwin	1947
Eldridge, Diana Melbourne	1950	Sibly, John Maslin	1956
Farmer, Judith Ellen	1957	Sladden, Jefford Desmond	1949
Fromen, Petrea Elsie Dora	1950	Snowden, Janette Daphne, B.A.	1960
Gates, Ian George	1958	Taylor, Philippa Helen	1959
Grace, Gloria Dawn	1951	Telfer, Iris Claire	1956
Grange, Mary Louise	1958	Thomas, Margaret Anne	1945
Green, Ralph Noel	1952	Torr, Alison Ruth	1950
Halbert, John Arno	1958	Treagus, Edward Mervyn	1959
Halsey, Trevor Geoffrey	1954	Tuckwell, Patricia Glenne	1957
Haslam, Denise Allison	1949	Watson, Margaret	1953
Hodgson, Geoffrey Arthur	1950	Whittingham, Nancy Olive May	1958
Home, Leonard William	1960	Williams, Margaret Gordon	1942
Horvat, Ludovic Henry	1941	Wollaston, Elsie Margaretta, B.Sc.	1950
Ising, Margaret Lucy	1942	Wollaston, Philip Hamilton	1954
Jensen, Richard Ian Broughton	1950	Wooldrige, Aileen Frances	1948
Jericho, Lois Joy	1960		

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE

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

ASSOCIATES IN PHARMACY

Abbott, Malcolm Lawrence	1959	Bishop, Ronald Lancelot	1951
Anderson, Gwendoline Eva	1947	Bishop, William Victor	1949
Anderson, Ronald Alexander	1944	Blanks, William Bennett	1957
Andrews, Erson Leonard	1939	Booker, David Michael	1960
Ardill, David Anthony	1953	Booth, Thomas Sheldon	1937
Argall, Philip John Tadd	1958	Bourne, John Wallace	1943
Bahnish, Noel	1945	Bowen, Frederick Lloyd	1939
Bailey, Geoffrey Reginald	1948	Bowey, Allan Edgar	1938
Bajer, Leonid	1958	Brady, Michael Ignatius	1954
Bajorunas, Andrius	1957	Branson, Robert Rolling	1937
Ball, Gerald Benjamin	1953	Brett, Jack Nethersole	1938
Ball, Peter Crowden	1955	Brewster, Cora Elaine	1948
Bannister, Neil Prescott	1956	Brice, Robert Hosking	1954
Bardolph, Donald Harold	1952	Broad, Lionel Hugh	1943
Bardolph, June Mary	1954	Broadbent, Frank Brooker	1957
Barnes, Donald Stalley	1947	Brougham, Robert Joffre	1940
Barnes, Herb	1944	Brown, Donald Thomas	1956
Bartold, Geoffrey Paul	1947	Brown, Leonard William	1958
Bassett, Murray Maxwell	1948	Brown, Peter Hackett	1959
Bazeley, William Joseph	1945	Brown, Ronald Emanuel	1944
Beaty, Edward William	1954	Buik, Donald Andrew John	1954
Beckinsale, Ronald Herbert	1949	Burge, Raymond Henry	1936
Beilby, Jack Canavan	1947	Burns, John Vernon	1956
Bennett, Judith Ann	1959	Butler, Richard James	1954
Bentley, Alan	1937	Byrne, Ashley John	1959
Bentley, Deryck Edward	1947	Byrnes, Reginald Phillip	1960
Bertram, John Stanley	1957	Cacas, Don George	1958
Bessell, Raymond Leonard	1959	Cacas, James George	1956
Billing, Robert Heaton	1953	Callaghan, Maxwell John	1951
Bishop, David Edwin Pemberton	1959	Callaghan, Roy Hugh	1948

Campbell, Margaret Diane	1956	Freeman, Colin Charles	1944
Carlter, Ellis Gladstone	1951	Freeman, John Christian	1943
Carnie, John Alfred	1950	Fricke, Yvonne June	1954
Caught, James Gardiner	1935	Funder, Eileen Mary	1935
Cavanagh, Robert Edwin	1936	Gameau, John Lewis	1936
Cawte, Brian Vincent	1957	Garrett, Philip Douglas	1933
Cescato, Guido Ferdinando	1959	Gartrell, Roger	1936
Chapman, Avis Carol	1952	Gaunt, Norman William	1934
Cheek, Harold Dudley	1939	George, Humphrey Edward	1958
Cheek, Robert	1953	Gerard, Nancy Joy	1955
Chesney, Robert George	1955	Gibson, Elaine Emmalene	1957
Chodowski, Samuel Mendel	1941	Gilbert, Harold William	1947
Clampett, Richard Blackmore	1956	Giles, Howard William	1959
Clancy, Ross Percival	1945	Gillespie, Keith Herbert	1939
Clark, Arthur Wellesley	1934	Glastonbury, Kevin Brian	1955
Clarke, Trevor Keith	1945	Goldsack, Glen Ronald	1957
Clarke, Vinrace Lisle	1936	Goscombe, David Bevan	1952
Clarke, William Graham	1947	Gould, Ashton Noye	1938
Cock, Alexander Geoffrey	1959	Grimes, Charles Lindsay	1952
Cocks, David Gordon	1956	Grist, Robert Hocart	1951
Coleman, Ronald George	1947	Grooby, John David	1951
Coles, Herbert Desmond	1953	Grove, William Murray	1939
Conigrave, Michael Clement	1959	Grummet, Philip Hodgson	1956
Connell, Myles Patrick	1949	Cryst, Helen	1948
Cooper, Nancy Marina	1956	Cryst, Peter Mervyn	1943
Coorey, Brian Norman	1950	Cryst, Ross Edward	1952
Cornish, John Neil	1956	Guthrie, John Vincent	1948
Cosgrove, Peter Brian Anthony	1957	Gwynne, Robert Frank	1935
Coultas, Ronald John	1950	Haddad, Alick Peter	1958
Cox, Peter John	1951	Haddy, Kenneth Ian	1955
Cracknell, John James	1953	Hall, Thelma Dorothy	1937
Crafter, Kenneth Charles	1938	Hammat, Edwin Laurence	1948
Crago, Reginald Allen	1951	Hammond, Joy Dorrita	1955
Craig, Lloyd Albert	1941	Hanna, Robert Andrew	1951
Croft, Mary Ellen	1954	Hardwick, Bernice	1949
Crowley, Frank Noah	1953	Hardy, Stuart Edward	1936
Cumow, Thomas Martin	1942	Harnett, Gilbert Barry	1955
Currie, Robert John	1950	Harrison, Warren George	1959
Cushway, Albert Len	1954	Harvey, Marie Jeanne	1956
Dahl, Margaret Eunice	1960	Hawson, William Francis	1952
Daniell, Ross Wilfrid	1938	Hayter, Bruce William	1951
Darwin, Lloyd Edwin	1943	Hearn, Walter Joseph	1945
Davies, Jonathan	1953	Heint, Eduard Evald	1956
Davis, John Lloyd	1953	Helier, Roger Stanley	1960
de Brenni, Jules	1944	Hemmings, Thomas Prior	1945
de Waard, Pieter Carl	1955	Hennessy, Claude Harold	1940
Dent, Althea Ada Lorraine	1953	Hennessy, Ian Nicolson	1955
Dixon, John Miller	1953	Hennoste, Mart	1960
Doe, Alwyn Gilbert	1951	Hession, John Eric Martin	1941
Dolman, John George	1951	Hewitt, Rosslyn Jayne	1959
Donaldson, Kevin James	1959	Hibble, Ross Ernest	1950
Donohue, John Sylvestre	1957	Higgins, Gordon Leslie	1949
Dowding, Ruth Elma	1948	Hill, Dudley Clarke	1950
Downie, Sydney Andrae	1940	Hillman, Eric Anthony	1954
Drake, Peter Richard	1954	Hodgson, Alan David	1956
Ducker, Murray Edward	1960	Holder, Reuben Clement	1953
Duggin, Ivan James	1956	Hole, Ronald	1952
Duncan, John Davidson	1950	Holland, Bernard John	1952
Dundon, Laurence James	1942	Holmes, Leon Francis	1960
Dundon, Noel Francis	1949	Hopewell, Edward Wallace	1951
Dunstone, Kenneth William Thomas	1943	Hosking, Allen Edwin	1934
Eckersley, Malcolm Russell	1939	Huber, Waldemar Richard	1957
Edwards, Brian John	1960	Hulbert, Russell George	1938
Egar, Paul Gerard	1949	Humble, William Gilbert	1954
Elix, Robert Hugo	1935	Humphrys, Arnold Clarence John	1951
Entwistle, John	1947	Hunt, Laurence August	1953
Evans, Anthony Greig	1945	Hutchins, Ross	1942
Evans, Margaret Ann	1956	Huxtable, Colin Stanley	1948
Evely, Roderick Harding	1938	Huxtable, Kenneth Clarence George	1949
Everett, John Kingsley	1953	Hyde, Donald John	1960
Ey, William Theodor	1937	Jackson, John William	1957
Farley, Donald Charles	1955	Jacobs, Philip Arthur	1952
Farmer, Swithin William	1959	Jeffrey, John Leigh	1956
Feist, Colin Sydney	1957	Jeffs, Percival Lancelot	1938
Fenn, Donald George	1950	Jelfs, John Robert	1958
Field, Arthur Blackiston	1942	Jenner, Helen Muriel	1959
Fisher, Robert Hilson	1942	John, Clarence Gilmore	1948
Fitzgerald, Ian Thomas Francis	1957	Johnson, John Kenneth	1950
Fitzgerald, Robert John	1940	Johnson, Keith Douglas	1941
Flaherty, Howard Norman	1947	Johnson, Leonard	1945
Fleer, Eric Donald	1952	Johnson, Owen Royce	1956
Flood, Harry Broadham	1951	Johnston, Edwin John McCallum	1938
Flood, John Warden	1953	Jolly, Norman Dickson	1939
Flower, Alexander McKinnon	1958	Jones, Douglas Perry	1950
Folkert, Marina	1957	Jones, Jennifer Margaret	1959
Foreman, Kevin John	1960	Justin, John Herbert	1942
Francis, Robert Leonard	1950	Kachne, Brian Robert	1959
Fraser, Wallace	1950	Kain, Coleman Lawrence	1938
Frazer, Kenneth John	1952	Kamm, Geoffrey Norman	1955
Frearson, Harold Thomas	1939		

Kasdoba, Lydia	1957	Nagy, Akos	1957
Kean, Christopher James	1953	Netting, Keith Cameron	1956
Keipert, Paul Howard	1942	Newbery, Betty Hilda	1947
Kentish, Frank Stow	1952	Newbery, Donald Ernest	1944
Kildea, John Brian	1952	Newbery, John Henry Edward	1947
Kimber, Hubert Thomas	1937	Newson, Clarence Alfred	1941
Kimber, Malcolm John	1956	Nicholas, Cecil David	1941
King, David McMillan	1957	Nicholls, Brian Charles	1949
Kinnear, Gerald Campbell	1955	Nicholls, William John	1956
Kinsley, John Vere	1938	Nicholson, Joan Valma	1957
Kirby, David Bevan	1940	Norman, Alfred James	1935
Klaffer, Ralph	1954	Norman, Jack Campbell	1951
Knightley, Harold Alan	1948	Norton, Leonard	1959
Knill, Douglas William	1940	Nottage, Jeffrey Keith	1960
Laffer, Mildred Emily	1935	Nunn, Graham Jefferson	1959
Lalor, William Brian	1935	O'Callaghan, Neil Edward	1956
Larwood, Patricia Myrtle	1947	O'Connor, Brian Thomas	1954
Lawton, Brian Eley	1949	Odgers, Murray Grenfall	1938
Lazare, Marcel Bancio Issac	1956	Offe, Garth Ian Hamilton	1940
Lazare, Vicky	1959	Ongley, John Henry Albert	1936
Leak, Weston Hugh	1939	O'Reilly, Dominic Patrick John	1941
Lean, Albert Gordon	1938	Orr, Fay Patricia	1954
Lean, Keturah Victoria	1935	Oswald, John Kenneth Gibson	1960
Lee, Graham Bruce	1959	Otto, John Leyland	1954
Lee, Thomas Ian	1954	Pain, John Shannon	1955
Lenthal, Douglas Lionel	1936	Pak Poy, Wilfred Cecil	1952
Lever, Lionel Alfred	1952	Palape, Janis Zanis	1954
Lewis, Loulie Maxine	1949	Palk, Michael John	1955
Leyshon, Stephen Noel	1954	Parker, Colin John	1954
Lloyd, Jack Maxwell	1955	Parker, Rex Carleton	1934
Lock, Peter Bayard	1943	Parsons, Donald Allan	1952
Lockett, Trevor John	1958	Paterson, Fay	1958
Lokan, Elaine Beryl	1957	Paterson, Kevin Walter	1955
Lovell, Barbara Jean	1948	Patrick, Brian Thomas	1960
Lower, Rupert Alexander	1940	Patrick, Reginald Ross	1942
Lugg, Patricia June	1959	Patterson, Ronald Thomas	1939
Lynas, Kaye Ward	1952	Pawson, Keith Curry	1952
Lyons, Colin Henry	1951	Payne, Beryl June	1952
McCarthy, Roderick Charles	1936	Peck, Donald Harvey	1947
McCull, Peter Donald	1951	Penhall, Donald Frederick James	1951
McDonough, Peter John	1959	Penney, Donald Ross	1952
McKellar, Keith George	1959	Phanchet, Chantane	1957
McKenzie, John David Blair	1958	Phelps, Kevin George	1952
McMordie, James George	1960	Phillips, Yvonne Ruth	1953
McNeil, Keith Albert	1950	Philp, Harold John	1953
MacQueen, David Dugald	1952	Physick, Anthony Noble	1960
MacRae, George Brown	1933	Physick, William Alick	1940
Madigan, Haydn John	1956	Pickering, John Ronald	1953
Maine, John Evans	1955	Pledge, John Melvin	1958
Makin, Harry Arnold	1942	Poppe, David Floyd	1958
Maloney, Barbara Lilian	1960	Porra, Robert John	1953
Maloney, Denise Minetta	1956	Porter, Kenneth Symes	1935
Maloney, Peter Robert Gryst	1956	Potts, Frank Desmond	1951
Maloney, Terence John	1958	Preece, Malcolm Stewart	1954
Malpas, Cecil Egerton	1945	Friess, Richard John	1941
Manhire, Donald Walter	1955	Fritchard, Helen Bessie	1948
Manning, Lancelot Henry	1934	Frosser, Malcolm Geoffrey	1955
Manton, Jack Hudson	1934	Furches, John Alfred	1947
Martin, Adeline Zoe	1934	Quintrell, Laurence Neil	1959
Martin, Beverley Sue	1956	Ramsay, Douglas	1934
Martin, Rex George	1958	Ramsey, Colin Bruce	1950
Martindale, Aileen Francis	1948	Ramsey, Maxwell George	1953
Martindale, Edward John	1947	Ramsey, Mollie Aileen	1942
Marshall, Alfred George Robert	1939	Randell, William Richard	1940
Mathieson, Allen George	1955	Rankine, Ian Jeffrey	1942
Matthews, Maurice John	1935	Raud, Rudolf	1955
Mayfield, Margaret Hazel	1955	Rauth, William Heseltine	1941
Measday, John Cleveland	1943	Redmond, John William	1958
Medlow, Ronald George	1954	Reid, Betty Lorna	1949
Meegan, Peter	1951	Reid, Colin Liston	1954
Mensforth, Paul Alfred	1960	Retallick, Gladys Yvonne Joan	1943
Meyers, John Robert	1958	Retallick, John James Mark	1951
Michaels, Donald Ernest	1941	Rice, William Frederick	1934
Middlemiss, Brian Robert	1951	Richards, Brian John	1952
Mildren, Brian Frederick	1944	Richards, William Leonard	1956
Millar, Bruce George	1960	Richardson, Jack McPherson	1937
Miller, Heather Joyce	1948	Richter, John Steven	1954
Miller, Robert Lionel	1938	Roark, Ian Bolton	1959
Mitchell, Donald Graham	1944	Roberts, Peter Vernon	1951
Mitchels, John Roger	1954	Robinson, Murray Gilbert	1947
Montgomery, Gillian Pentland	1955	Rodda, Robert Willard	1955
Moriarty, Daniel Francis	1951	Rogers, Barry Harcourt	1952
Moriarty, Vincent John	1957	Rohlfing, Kenneth Malcolm	1948
Morony, Graham Tylor	1955	Rohrig, D'Arcy Clayton	1941
Mosel, Donald	1945	Rolfe, Thomas John	1936
Mudie, Robert Charles Wedderburn	1952	Rosewall, Robert Walker	1953
Mudie, Stuart Mayelston	1953	Rostek, Zenon-Carolus	1957
Mugg, Gordon Murrice	1940	Rowe, Gordon Thomas	1948
Munyard, Patricia Carlene	1957	Rowe, John Crawford	1950

Rowell, John Neville	1959	Thompson, Eric James	1935
Rush, William Callander	1959	Thompson, Jillian Erica	1959
Russell, Alan Alexander	1947	Thomson, Margaret	1957
Russell, Norman	1950	Thredgold, John Lewis	1960
Ryan, Molly Hazel	1942	Tiver, Lloyd Charles	1937
Ryder, John Bernard	1943	Tomlinson, Janet Rosemary	1957
Sates, David	1954	Tonkin, Peter Richard	1942
Salman, Harry William	1934	Townsend, Graham Rosslyn	1952
Sawyer, Trevor Joseph	1955	Tregilgas, Bruce Burnett	1957
Scarman, Graham Alwyn	1954	Trevelyan, Denys Murray	1948
Schocroft, John Charles	1953	Trummer, Anthony George	1955
Schoff, James Alec	1958	Tulloch, Roger James	1949
Schroeder, June Adele	1951	Turner, Ross Walter	1959
Schultz, Francis John	1940	Tyler, David John	1960
Scrivener, Bruce Allan	1952	Upton, James Harold Charles Hughes	1938
Scrivener, Desmond Arthur	1950	Upton, Robert Maxwell William Alexander	1951
Shapter, William Evan	1944	Valente, Giulio	1955
Shepherd, Peter	1940	Veitch, Robert Henry	1951
Shelcliffe, Reginald George	1936	Venning, Claude Meadows	1940
Shinnick, John Roger	1959	von Doussa, Kathleen Gwendoline	1949
Short, Lynette Margaret	1952	Walker, Leonard Frank	1936
Shute, Leslie Norman Keith	1955	Walker, Raymond Charles	1943
Siggins, Ronald Hewitt	1938	Wall, Kenneth	1936
Simcock, Gerald Cyril	1953	Wallace, Malcolm Gladstone	1958
Simon, John Ross	1951	Walsh, Afton Peter	1937
Skews, Thomas Nisbett	1952	Walsh, Zeta Mary	1934
Skurray, Ronald Anthony	1960	Wandke, Brenton Graham	1955
Sleep, Frank Ronald	1945	Ward, Clyde Hedley Charles	1948
Smith, Frederick Brian	1960	Ware, John Brian	1950
Smith, Graham Reginald	1934	Warnecke, Drennan Paul	1949
Smith, Heather Belle	1957	Warnecke, Peter Gerald	1952
Smith, Mervyn Keith	1939	Warren, Donald Spencer	1951
Smylie, Gordon McInnes	1940	Washington, Neville Elliott	1958
Smyth, Neil Lawrence	1950	Waters, Robert William	1958
Somerville, Peter James	1960	Watson, Colin Hubert	1955
Somogyi, Laszlo	1956	Watson, John Myers	1949
Sorrell, Leonard Martin	1942	Watts, John William	1938
Southam, David Michael	1959	Watts, Robert Neville	1955
Southam, Sydney Anthony	1950	Wanchope, Alan Wylie	1941
Spafford, Rex Netherton	1939	Webb, Donald Ralph	1943
Sperber, Allan Lynton	1952	Webber, Brian Earl	1952
Spick, John Vaughan	1957	Weedman, Dale Elton	1954
Spurling, Peter Michael	1958	Weller, Reginald Lancelot Elton	1953
Stain, John Wright	1939	Wellington, Nancy Catherine	1944
Standish, Donald James	1955	Wescombe, Peter George	1953
Stanfield, Pauline	1960	West, Lionel Thomas	1952
Stanley, Patricia Dorothy	1954	Wheaton, Frank Hurtle Pengelley	1948
Statton, Bruce Arthur	1943	Wheeler, Eric Henry	1942
Stedman, Paul George	1952	Wheeler, Reginald Gordon	1944
Stephens, James Stanley	1960	Whitelum, Donald Lindsay	1959
Stock, Beresford Hannam	1957	White, Brian Kenneth	1957
Storen, Walter Joseph	1951	White, John Carew	1940
Streicher, Francis Mannix	1942	White, John Matthews	1941
Stuckey, Mary Hill	1942	Wickes, Ronald John	1941
Stunnel, Gwenda May	1957	Wigley, Tom Joseph	1934
Sutcliffe, Lewis Allan	1952	Williams, Allan Ross	1956
Swan, Joyce Charlotte	1942	Williams, Brian Norman	1954
Sweet, Ronald Langdon	1953	Williams, Edward Francis	1947
Symonds, Robert Murray	1951	Wilson, Beryl Maud	1951
Talbot, Allan Benjamin	1940	Wilson, Donald Kenneth	1951
Taylor, Ray Athol	1949	Wilson, Michael Minell	1956
Taylor, Ronald Norman	1947	Wilson, William Fraser	1941
Taylor, William Thomas	1936	Woolford, Lewis Maxwell	1951
Teakle, John Kevin	1951	Woollard, Mervyn John	1935
Telfer, Donald	1954	Worthington, Ralph Henry	1953
Theel, Elliott Wilkins	1955	Wurm, Peter Sinclair	1953
Thomas, Jeanette	1956	Wylde, Robert Bowen	1950
Thompson, David Richard	1953	Zander, Frank Howard	1941
Thompson, Donald Bruce	1953	Zilm, Lorraine Betty	1956

ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith	1950	Bowen, Mary Alice	1957
Andrews, Judith Mary, B.A.	1958	Bowen, Suzanne Joan	1944
Angove, Margaret Carlyon	1942	Bruer, Bridget Hilda	1957
Ashbolt, Winifred Joy	1948	Buckley, Hannah	1942
Astley, Joyce Mary	1947	Burnett, Ronda June	1949
Austin, Meredith Helen	1959	Burns, Margaret Temouth	1945
Bails, Ruth	1943	Carlton, Eileen Grace Sally	1953
Baker, Mary Elizabeth	1947	Carthew, Margaret	1948
Bakewell, Joan Helen	1951	Cashell, Frances Marie	1955
Ball, Heather	1951	Cavalier, Elizabeth Mary	1944
Ball, Iris Marguerite May	1949	Chong, Catherine Chee Kin	1956
Bates, Nancy Patricia	1947	Clark, Caroline Emily	1949
Bayer, Josephine Kent	1944	Clarke, Walter Frederick	1950
Benjamin, Eric	1949	Clay, Geraldine Ann	1958
Bidwell, Dorothy Gwendoline	1949	Clegg, Donald Stanley George	1950
Boehm, Claire Edith	1951	Cleland, Pamela Mary, B.A.	1949
Bosworth, Catherine Jean	1947	Clucas, Gwendoline Ivy	1944

Cope, Joan Maxine	1951	McPherson, Margaret Helen, B.A.	1953
Cornish, Mary Esther	1947	Maddigan, Pauline Anne	1954
Crook, Marjorie Marion, B.A.	1948	†Marcus, Patricia Langman (1938)	1942
Crosby, Heather Bembrick	1945	Marsden, Elizabeth Ann	1953
Crouch, Lilian Rubena	1948	Mathews, Rita Clarice	1948
Cuddihy, Geoffrey Thomas	1952	Matters, Barbara Frances	1948
Cuthbertson, Grace Joy	1953	Matz, Marilyn Anne	1959
Cutten, Judith Ann	1959	Maund, Doreen Rhoda	1951
†Davis, Phyllis Evelyn Eva (1941)	1942	†Mengerson, Margaret (1939)	1942
Daw, Rosalind Anne	1957	Mercer, David Jeffrey	1948
Dermott, Veda Rosemary	1957	Michell, Athnah Howard	1950
Dixon, Beryl Joyce	1957	Miller, Barbara	1956
Dobson, Lesbia Constance Alma, B.A.	1947	Modra, Pamela Marie	1956
Douglas, Christine Gordon	1948	Moseley, Claire Elizabeth	1957
Douglas, Sonia Yvonne	1956	Mowbray, Brenton George	1958
Dow, Anne Eleanor	1949	Mune, Marie Elizabeth, B.A.	1954
Duncan, June Valerie	1954	Nairn, Phyllis	1948
Dutton, Léonie	1959	Nankivell, Diane	1948
Edwards, Alison Joy	1957	Noble, Joy Beryl	1958
Ellis, Joan Mary	1950	Osterman, Ingrid Gwendolize	1951
Featherstone, Dora Bewley, M.A.	1942	†Paine, Helen, B.A. (1940)	1942
Fitzgerald, Gwynth Joy	1952	Paine, Janet, B.A.	1949
Flett, Phyllis Margaret	1948	Parker, Thelma Margaret	1948
Fong, Yin Kam	1953	Parkinson, Joan	1958
Forrest, Ida Jean	1949	Pascoe, Noeleen Deidre	1952
Fox, Alison Frances	1947	Perrins, Pamela Aileen	1953
Fox, Imogen Dymphna	1955	Plunkett, Margaret Elizabeth	1948
Garran, Elisabeth Rosemary, B.A.	1955	Flush, Helen Marie	1956
Gault, Yolande Mary	1949	Polkinghorne, Patricia Margaret	1951
Glastonbury, Albert Angus	1955	Pope, Kathlyn Hilary, B.A.	1953
Gow, Alwyn Mona King	1950	Porter, Margaret Leishman	1949
Graham, Elaine Alston	1951	†Prince, Beryl Lloyd (1940)	1942
Griffith, Elsie Mervyn	1948	Reed, Margaret Kathleen	1942
Guinand, Marie Louise	1955	Reynolds, Lilo, B.A.	1952
Habib, Mary Lorraine	1951	Ringwood, Pamela Elsie, B.A., LL.B. (Sydney)	1958
Hallett, Rosamund	1951	Roberts, Barbara June	1950
Halls, Christobel Heather Susannah	1949	Roberts, Luke Vincent	1949
Hambidge, Margaret Cecile, B.A.	1942	Rushton, Jennifer Fielding	1954
Hamilton, Diana May	1954	Russell, Brenda Amanda	1949
Harris, Cyril Eric McGillivray	1949	Sadleir, Barbara Isabel	1954
Haselgrove, Margaret Ann	1956	Salter, Amy Vivien Fulton	1945
Haslam, Anne	1947	Sandford, Patricia Mary	1947
†Haste, Ada Louise (1941)	1942	Sandford-Morgan, Rosemary Linton	1949
Hayter, Joan Nelson	1948	Sard, Helen Riddoch	1953
Heffernan, Helen Margaret	1949	Schmidt, Thekla Naomi	1947
Helman, Eve	1947	Seedsman, Lorna Joan	1956
Henderson, Barbara	1947	Serradura, Anthony Alexander	1953
Henderson, William Lionel	1959	Shaw, Margaret Pointon	1945
Hicks, Elizabeth Joan	1950	Silk, Beatrice Mary Mounsey	1945
Hill, Josephine Margery	1950	Simes, Maysie Hall	1948
Hogben, Elizabeth Cole	1948	†Slade, James Francis (1939)	1942
Hone, Jillian Raymond	1956	Smith, Ebery Hamilton	1956
Hope, Marjory Frances	1947	Smith, Graham Frank	1948
Horton, Robert Ralph, M.B., B.S.	1957	Sobey, Iris Beatrice, B.A.	1947
Howe, Ameera Patricia Shirley	1956	†Stanton, Anne (1940)	1942
Hunter, Geoffrey Norman	1950	Stephen, Winifred Grace	1947
†Hunwick, Maureen Mary (1938)	1942	Stevenson, Margaret	1947
Hutchinson, Yvonne Francis	1949	Stock, Colin Rendle	1949
Jackson, Iris Ellen	1949	Streicher, Joan Patricia	1950
Jacobs, Eleanor Caroline	1944	Sugg, Madge	1947
James, Helen Margaret, B.A.	1943	†Sullivan, Margaret Rendle, B.A. (1941)	1942
Jenkins, Merle Nona	1950	Tai, Marlene	1945
John, Ian David	1956	Tan, Sock Kia	1959
Johnson, Marjorie Lisle	1947	Tarbath, John David	1950
Jones, Albert Richard	1949	Teasdale, Margaret Jean	1952
Kay, Franziska Clara	1948	Teate, Elizabeth	1950
Kempe, Merridy Henderson	1948	Thomson, Joanna Roberta	1947
Kennedy, Marjory May	1954	Thomson, Reginald	1949
Kerr, Olwyn Gertrude	1948	Tilemann, Rosemary	1957
Khoo, Beng Choo	1959	Tipping, Barbara Gertrude	1944
Lawrence, Robert John, B.A.	1953	Tothill, Judith Windebank, B.A.	1953
Lean, Shirley Doris	1949	Travers, Ellen Gertrude	1955
LeCornu, Barbara Joy	1949	Trotter, Eileen Mary	1947
Leonard, Mary Jocelyn	1960	Turner, Margaret Patricia	1954
Lewis, Ruth Pamela	1949	Tyson, Donald Gordon	1959
Linsell, Nina Constance	1959	van Raalte, Winifred	1947
Liston, Doreen Bice	1950	Vincent, Ivan Leonard Ray	1952
Lorking, Diana Pauline Elizabeth, B.A.	1950	Walters, Margaret Ward	1947
Lovibond, Sydney Harold	1949	Warner, Joan	1951
†McDonald, Jessie Angus (1939)	1942	Warnest, Jean Alice	1949
McEachern, Heather Campbell	1956	Waters, Lesley Brenda	1947
†McIntosh, Florence Mary (1938)	1942	Waterman, Collette	1944
McLaughlin, Helen	1948	Wemyss, Glenys Maisie	1951
†McKail, Mary Boyer (1938)	1942	Whithead, Millicent Alma, B.A.	1949
MacKay, Annette Frances	1942	Whittington, Anne, B.A.	1951
†Macklin, Nancy Marie (1940)	1942	Wicks, Nancy Elizabeth	1947
MacLennan, Flora Joy	1942		

† See footnote at end of list.

Wilmot, Edith French, B.Sc.	- - - -	1944	Winter, Lewis Walter	- - - -	1948
Wilson, Shirley Cameron	- - - -	1950	Wollaston, Julianne Kinmont	- - - -	1954
Winter, Eva Bertha	- - - -	1951	† 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 SOCIAL STUDIES

Burnard, Robin	- - - -	1960	Jeffries, Elizabeth Shirley, B.A.	- - - -	1959
Dermott, Veda Rosemary	- - - -	1959	Jones, Moya Frances Britten	- - - -	1959
Holland, Terence Joseph	- - - -	1960	Price, Lorraine Ruth	- - - -	1959
Hughes, Patricia Gliddon, B.Sc.	- - - -	1960	Moore, Barbara Grace, M.A. (Melbourne)	- - - -	1960

ASSOCIATES IN PHYSIOTHERAPY

Ackland, Helen Harrington	- - - -	1958	Holder, Charlotte Ruth	- - - -	1949
Addison, Geraldine Mary	- - - -	1960	Hosking, Elizabeth Mary	- - - -	1957
Anderson, Doreen May	- - - -	1958	Jamieson, June Edna	- - - -	1953
Appleby, Dorothy Dawn	- - - -	1950	Jay, Judith Helena	- - - -	1947
Ashton, Barbara Jean	- - - -	1953	Jennings, Jill Gellibrand	- - - -	1947
Badge, Helen Elizabeth	- - - -	1960	Job, Kathleen	- - - -	1950
Banks, Athalie Isabelle	- - - -	1951	Johns, Gordon James	- - - -	1946
Banks, Garland	- - - -	1951	Johnstone, Heather Joy	- - - -	1958
Barclay, Alison Mary	- - - -	1960	Jones, Alison Mary Herbert	- - - -	1948
Barlow, Margaret Jean	- - - -	1956	Jordan, Hilary Anne	- - - -	1951
Beech, Alison Erica	- - - -	1954	Juttner, Susan Elizabeth	- - - -	1953
Begg, Jenny Isobel	- - - -	1949	Kelly, Francis Simeon	- - - -	1949
Begg, Pauline	- - - -	1951	Kinsman, Alison Joan	- - - -	1949
Biven, Mabel Audrey	- - - -	1947	Klutke, Eric Willi	- - - -	1953
Blake, Jillian Heather	- - - -	1956	Laffer, Erica Merle	- - - -	1952
Bowden, Margery Helen	- - - -	1960	Lake, Joan	- - - -	1946
Bowman, Kathleen Mary	- - - -	1952	Laver, Dorothy Margaret	- - - -	1948
Brady, Kevin James	- - - -	1953	Leslie, Janice Laurel	- - - -	1958
Branson, June Maxine	- - - -	1948	Limbirt, Jeanette	- - - -	1960
Broad, Donald Ivor	- - - -	1954	McArthur, Judith Ann	- - - -	1958
Brooks, Dorothea Joan	- - - -	1956	McAuliffe, Margaret Muriel	- - - -	1960
Chambers, Ruth Alva	- - - -	1955	McCandless, Rosalind Elizabeth	- - - -	1953
Chapman, Margaret Ann	- - - -	1957	Mackie, Margaret Irene	- - - -	1950
Chittleborough, John James	- - - -	1952	McEachern, Jean Campbell	- - - -	1958
Clark, Genevieve Mary	- - - -	1950	McElroy, Margaret Joyce	- - - -	1950
Clark, Jenifer Margaret	- - - -	1954	McGrady, Rosemary Annette	- - - -	1959
Clark, Jennifer Elaine	- - - -	1955	McKeough, Margaret Joan	- - - -	1957
Collins, Doreen	- - - -	1946	McLennan, Fay Masie	- - - -	1951
Colliver, Judith Mary	- - - -	1947	McPhee, Aileen Tempe	- - - -	1949
Copley, Fay Muriel	- - - -	1948	Maitland, Geoffrey Douglas	- - - -	1949
Cornell, Janet-Clare	- - - -	1956	Maloney, Patricia Kathleen	- - - -	1950
Cornish, Barbara Jean	- - - -	1957	Marshman, Margaret Felstead	- - - -	1946
Cornish, Gwenneth Kathleen	- - - -	1957	Messent, Helen Sando	- - - -	1960
Creswell, Joan Elizabeth	- - - -	1951	Meyer, Carlien Allisarde Ripley	- - - -	1952
Crisp, Rosemary	- - - -	1956	Meyer, Rigmor Stewart	- - - -	1948
Crocker, Colleen Ann	- - - -	1958	Mitchell, Dorothy Christine	- - - -	1948
Cross, Geraldine Frances	- - - -	1954	Moore, Margaret Suzanne Alice	- - - -	1945
Crowe, Helen Katherine Margaret	- - - -	1948	Moore, Virginia Joyce	- - - -	1952
Davys, Barbara Ramsay	- - - -	1951	Morley, Mary Elizabeth	- - - -	1946
Dicker, Patricia Margaret	- - - -	1958	Morris, Suzanne Beatrice	- - - -	1949
Dingle, Elizabeth Ridgway	- - - -	1960	Moulden, Gillian Mary	- - - -	1960
Donaldson, Robert Gordon	- - - -	1948	Navakas, Aldona Victoria	- - - -	1957
Dow, Diana Caroline Sandland	- - - -	1947	Neaylon, Carmel Mary	- - - -	1960
Dunkley, Barbara	- - - -	1952	Newton, Margaret Betty	- - - -	1950
Dunning, Beverley Constance	- - - -	1958	O'Connell, Barbara	- - - -	1952
Dwyer, Margaret Rosalind	- - - -	1958	Paige, Maxwell John	- - - -	1949
Evans, Margaret Wynne	- - - -	1956	Parsons, Jill Angas	- - - -	1958
Fielder, Ethel Kathleen	- - - -	1948	Pengilly, Susan Lisbeth	- - - -	1957
Fisher, Joan Elizabeth	- - - -	1957	Petchell, Dorothy May	- - - -	1960
FitzPatrick, Eiril Margaret	- - - -	1950	Phillipps, Margaret Jean	- - - -	1945
Follett, David James	- - - -	1953	Pierotti, Margaret Brown Halley	- - - -	1955
Frankcom, Rhonda Patricia	- - - -	1952	Pill, Barbara Elaine	- - - -	1958
Fricker, Muriel Vera	- - - -	1948	Pinder, Judith Ann	- - - -	1954
Gardner, William James	- - - -	1960	Piper, Rosemary Lillecrapp	- - - -	1954
Gault, Averil Margaret	- - - -	1949	Pitcher, Anne Barton	- - - -	1951
Gemmell, Rae St. Clair	- - - -	1958	Plush, Lesley Margaret	- - - -	1949
Gibson, Pauline Janet	- - - -	1956	Polomka, Genevieve Joan	- - - -	1957
Gillman, Meredith Eldred	- - - -	1958	Preston, Pauline Rowland	- - - -	1949
Goldsack, Jenifer Ann	- - - -	1960	Price, Joanna	- - - -	1960
Graham, Alison Margaret	- - - -	1960	Radford, Margaret Ann	- - - -	1956
Graham, Ronald Kirkwood	- - - -	1953	Reynolds, Peter John	- - - -	1960
Gray, Gary Colin	- - - -	1953	Rice, Miriam Joan	- - - -	1958
Gray, Janet Lesley	- - - -	1950	Rischbieth, Anne Helen	- - - -	1950
Gray, Jule Marie	- - - -	1951	Roach, Valerie Eyre	- - - -	1949
Ham, Helen Prudence	- - - -	1954	Robertson, Mary Douglas	- - - -	1947
Hamilton, Sally Nancy	- - - -	1958	Rofe, Margaret Jean	- - - -	1950
Hammond, Marie Joan	- - - -	1951	Ross, Susan Mary	- - - -	1947
Hannaford, Claire Anne	- - - -	1949	Rumball, Kathleen Janet	- - - -	1953
Hardy, Barbara Mansell	- - - -	1946	Rzeszkowski, Lois Morna	- - - -	1946
Hardy, Mary Mansell	- - - -	1951	Salmon, Margaret Besley	- - - -	1945
Haskard, Robin Lindsay	- - - -	1954	Sandow, Maxwell George	- - - -	1952
Heysen, June	- - - -	1948	Sharp, Janet Dianne	- - - -	1960

Simpson, Jean Katie	1952	Toft, Jan	1956
Simpson, Rae David	1951	Tosolini, Gwen Corinna	1951
Simons, Aileen Mary Grace	1957	Tregenza, Ann Irvine	1956
Sims, Enid Helen	1950	Viksna, Velta	1955
Singh, Pritam	1960	Vincent, Jillian	1957
Smith, Elaine Lockhart	1946	Waddell, Margaret Jean	1945
Snow, Frances Mary	1955	Walford, Joan Louise	1957
Sopp, Maxwell John	1958	Walker, Judith Nora Mudie	1958
Southam, Catherine Mary Rose	1956	Wall, Ellen Winifred	1953
Starr, Judith Anne	1954	Waterhouse, Jane Hardey	1953
Stoddart, Lorraine Mary	1951	Webb, Nancy Joan	1958
Supple, Harvey Walter Thomas	1958	Whicker, Joan Doreen	1954
Symonds, Helen Lorna	1960	White, Jennifer Judith	1954
Taylor, Christobel Jane	1952	White, Ruth Rosanne	1956
Taylor, Margaret Anne	1952	Wicks, Claire Hampton	1947
Taylor, Margaret Jane	1960	Willis, Elizabeth Mary	1960
Taylor, Margaret Mary	1952	Wilson, Earle Elliot	1958
Thomson, Janet Elizabeth	1951	Wood, Judith Mary	1953
Thorpe, Barbara Joy	1957	Wylde, Annette Eustace	1947
Thorpe, Heather Evelyn	1957	Young, Margaret Alison	1960

ASSOCIATES IN ARTS AND EDUCATION

Abfalter, Robert Desmond	1960	Bright, Esther Hollidge	1960
Adams, Ian Sorby	1959	Britton, Robert John	1960
Adams, Malcolm Thomas	1952	Brockhoff, Carol Faith	1960
Ahrens, Elsie Gladys (surrendered 1955)	1951	Brocksopp, John Ernest, LL.B.	1951
Alexander, Stuart Dixon	1952	Brown, Bruce Ambrose Hampson	1960
Anders, Beverley Margaret	1958	Brown, Norman (surrendered 1952)	1951
Andrew, Russell	1960	Brown, Patricia Lorraine	1958
Andrews, David Francis William	1948	Browne, Thomas Joseph	1957
Andrews, Rosemary Alison	1953	Buick, William George (surrendered 1956)	1950
Arbery, James Herbert (surrendered 1959)	1957	Burfield, Margaret Elizabeth	1956
Argyle, Barry	1954	Burgan, Owen Sylvester	1948
Armitage, Bessie Eleanor Mildred	1949	Burger, Janette Ann	1958
Armour (nee O'Leary), Patricia	1950	Burley, Betty Ellanora Dawn	1951
Ashton, Walter Ray	1950	Burnard, Charles Robert	1948
Aspinall, Nancie Jean	1951	Burns, Esther	1948
Atkin, Jack Taylor	1955	Burns, Robert Alexander	1951
Aubert, Grahon James	1958	Burville, Thomas George Theodore	1952
Auhl, Ian Leslie	1952	Butcher, Colin Sydney	1951
Aylesbury, Colleen Valma Grace	1959	Butler, Francis James	1948
Bailey, Donald William	1956	Buttrose, Stroma	1951
Bails, Dennis Graham	1959	Buxton, Gordon Leslie	1955
Bain, Barrington Walter	1960	Bywaters, Mary Barfield	1951
Bain, Dean Rollo	1959	Campbell, Barbara	1950
Baird, Alexander William	1959	Canning, Sesca Sunbeam	1960
Baird, Rachel Mary	1949	Carle, Judith Anne	1959
Baker, Harvey Laurence	1950	Carmichael, Donald Ross (surrendered 1950)	1949
Barclay, Barrey Ballington	1957	Carthew, Ross Ernest	1960
Barker, Leon James Frank	1952	Cavenett, Horace Clifford	1948
Barr, Gweneth Janet	1957	Champion, Dorothea Hedwig	1958
Barrett, Donovan Thomas	1959	Chandler, Douglas Norman	1951
Bartley, Helen Louise	1959	Chappel, Shirley Joan (surrendered 1959)	1956
Bastian, Elwin Scott (surrendered 1956)	1952	Charlesworth, George Harvey (surrendered 1953)	1950
Bawden, Maxwell John	1958	Charlesworth, Jennifer Joy	1957
Baxter, Ladislaus Edward	1949	Charlesworth, Joan Ann	1954
Bayly, Elizabeth	1948	Chinnick, Richard Lionel	1954
Beare, Lynden Day (surrendered 1960)	1955	Cinzio, Aldo Guiseppe	1960
Beare, Lynette Barbara	1959	Clancy, Peter Allan	1953
Beasley (nee Ford), Beverley	1958	Clapp, Edwin Kenneth Hamilton	1960
Beasley, Victor John (surrendered 1957)	1955	Clark, John Stephen	1951
Beaton, Kenneth Murray	1958	Clark, Marjorie Hilda	1960
Beaty, Arnold Keith	1952	Clarke, Margaret Anne	1948
Becker, Roy Colin	1959	Clarke, Ruth Mary	1949
Beilby, Shirley May	1954	Clements, John Wreford	1958
Bennett, Henry Russell	1948	Clezy, Alethe Kathleen	1956
Berg, Carlene Robin	1959	Cochrane, Heather Bernice	1954
Bernard, Dorothy Adele James	1958	Coggins, Harold Douglas, B.Sc.	1954
Biddle (nee Richards), Mary Elizabeth	1948	Coggins, Robert Symes, B.Sc. (Surrendered 1954)	1951
Billing, Elizabeth Margaret	1960	Coker, John Godfrey	1954
Black, Jill	1959	Collins, Henry Angus	1959
Blacket, Muriel Kirin	1960	Collins, Patricia	1960
Bills, Barbara Alison	1959	Considine, Thomas John	1950
Bonnett, Victor Walter Lincoln	1954	Cook, Colin George	1951
Boehm, Kaylene Mary	1960	Cook, Owen Gladstone	1951
Bormann, Malcolm Carl	1959	Coombs, Ruby Rachel	1953
Bosworth, Catherine Jean	1951	Coppock, Alfred Arthur	1950
Bourman, Robert Peter	1960	Coppock, Georgena Millicent	1949
Bourne, Margaret Cornelius	1949	Cousins, Lorine Joan	1952
Bowden, Janet	1951	Cox, Margaret Helen	1960
Bowler, Mary	1949	Cracknell, Vernon John	1959
Bown, Henry Theobald	1949	Crick, Pamela Anne	1960
Braham, Henry Arnold Collyer (surrendered 1959)	1949	Cropley, William Haywood	1958
Brand, Valerie Mildred	1960	Cropley, Jack (surrendered 1957)	1953
Brideson, Colin Herbert	1950	Crouch, Stuart Samuel	1956
Bridgland, Margot Elizabeth	1953		

Cupples, Sylvia Joyce	1956	Guerin, Robert	1950
Dadds, Brian James	1959	Gunn, James Allan Baikie (surrendered 1959)	1957
Daenke, Eric	1948	Gurry, David Cyril	1960
Dahl, James Oliver	1949	Haese, Kevin Arthur	1955
Darby, Ruth Mary	1949	Hakendorf, Hansie St. Clair	1950
Davey, Kenneth Llewellyn James	1953	Hall, Clifford Thomas Robert	1950
Davies, David Alwin	1956	Hallewell, Audrey Joan	1952
Davies, David William	1950	Halsey, Trevor Geoffrey	1959
Davis, Brian	1949	Hammond, William David	1952
Davis, Frederick Harry (surrendered 1955)	1954	Hanks, Cynthea Rose	1959
Dawes, Walter Ernest (surrendered 1954)	1949	Hanlon, Donald Ernest	1960
Dean, Daniel Frederick	1959	Hansen, Norman Victor	1951
Delsar, Frederick William	1949	Harper, Brian Youl	1951
Dempster, Donald	1949	Harrington, Archie	1951
Dening, Patricia Joan (surrendered 1958)	1956	Harrip, Elva Ray	1950
Dent, Ronald Thomas Stewart	1952	Harrison, June Jacqueline	1956
Dickinson, Gwladys Margaret	1958	Harrison, Mary Elizabeth	1951
Dillon, Gerald Alexander, B.A., B.T. (Calcutta)	1958	Harriss, Henry Thomas	1956
Dillon, Neralie Anne	1957	Hart, Arthur Philip Clarendon	1948
Dixon, James Elmslie	1957	Hartley, Anne	1959
Dobner, Coralie Ann	1959	Harvey, Mary Mignon Owen	1955
Dobner, Frederick Jack Pozères	1956	Hastwell, Nita Claire	1948
Dolling, Alison Mary	1960	Hatwell, Neville	1960
Dorman, Jean Alison	1951	Hawes, Gwynneth June	1952
Driver, Bruce Edwin	1952	Hay, Nancy Evelyn	1952
Driver (nee Nixon), Valerie Colinette (surrendered 1957)	1952	Healy, Mary Myrtle	1960
Duell, Allen John	1951	Hecker, Coral Gladys	1950
Dunbar, Harry Edward	1953	Hefford, Ronald Keith (surrendered 1956)	1951
Dunlop, Walter James (surrendered 1952)	1951	Heinrich, Carolyn Anne	1960
Dunstan, Arnold Edward Stanton	1948	Heinrich, Harold Gordon (surrendered 1956)	1954
Dunstan, Leonore Winifred	1958	Heritage, Enid Helena	1957
Dyer, Frederick Stephen William	1955	Heyne, Ernst Bernhardt	1960
Dyster, Colin	1958	Hicks, Lancelot Fry	1951
Dyster, Thomas (surrendered 1953)	1949	Higgs, Margaret Mary	1959
Eckert, Lexley Frank	1951	Hill, Brian Heaton	1954
Edmonds, Thomas James	1956	Hill, Mary Jean	1958
Edwardes, Arthur Diedrich	1950	Hill, Victor Arthur	1952
Ekins, William Gray	1955	Hillier, Alistar Westford	1957
Esselbach, Rodney (surrendered 1956)	1953	Hilton, Ruth	1958
Evans, Ben Owen	1950	Hinkly, Kenneth Paul	1960
Evans, Peter	1953	Hocking, Edward Bridgman	1951
Fagan (nee Michael), Agnes Ruth	1955	Hodgson, Geoffrey Arthur	1959
Farmer, Geoffery Arthur Jessop	1956	Hoile, Mervyn John	1957
Farrow, Robert Murray (surrendered 1956)	1950	Holmes, Edwin Thomas	1957
Faull, James Francis	1957	Holmes, Patricia Langley (surrendered 1958)	1954
Fechner, Ronald Kevin	1955	Holyoak, Janet Kay	1959
Fehlberg, Albrecht Joachim	1955	Hood, Ralph	1960
Feineler, Josephine Mary	1958	Hooper, Barbara Nellie	1957
Fergusson, George Robert (surrendered 1953)	1948	Hooper, John Robert (surrendered 1959)	1956
Fielke, Robert John	1960	Honan, Margaret Colette	1959
Fitch, Nancy Jean	1949	Horsnell, Keith Constant	1954
Fitzgerald, Clarence Lindsay (surrendered 1952)	1949	Horwood, John	1959
Fliszar, Beatrix	1960	Hosking, Horace Geoffrey	1957
Fopp, Brian Paul	1959	Hosking, William Rex (surrendered 1958)	1951
Foweraker, Alma Muriel	1950	Howell, William Ewart	1950
Fowler, Ian Albert	1960	Howlett, Eric Douglas	1958
Frank, Walter	1960	Hudson, Nancy MacDonald	1954
Fricke, Lourdes Victoria	1951	Hughes, John	1953
Friedrichs, Noel Carl	1952	Humphrey, Ruth Iris Marie, B.Sc.	1956
Fuss, Patricia Joy	1959	Humphreys, Minnie Rees	1960
Gage, Josephine Helen	1958	Humphries, Arthur Cecil George	1950
Gale, Milton Ewart	1956	Humphries, Edna Jeanine	1951
Gallas, David Dalmain	1956	Humphries, Ralph	1959
Galle, Reginald Victor	1951	Hunwick, Margaret Anne	1959
Calvin, Patrick John (surrendered 1956)	1953	Hussey, Francis Leitch	1950
Garbutt, Mary	1954	Hutson, Walter William	1948
Gare, Dorothy Lomax	1958	Hutton, Malcolm Austin	1958
Geekie, Ronald Gordon	1955	Hynes, Gertrude Doreen	1955
Gerhardy, Gordon John	1956	Iliffe, Rosa Lorene	1954
Gibbs, Alfred Lewis Burnand	1948	Jackson, Esther Mary	1952
Giddings, Keith	1958	Jackson, Murray Keith Wallace	1960
Gidney, Maxine Florence	1957	Jakobsen, Hugo (surrendered 1954)	1952
Giles, James Ramsay	1951	James, Richard Cecil (surrendered 1954)	1949
Gillies, Elizabeth Claire	1959	Jeffrey, Deidre	1960
Glazbrook, Evelyn Marshall	1958	Jeffs, Kathleen Ellinor	1948
Glenn, Graham Gordon (surrendered 1958)	1954	Jenkin, Leonard Bee	1954
Glover, Geoffrey Edward Harold	1951	Jenkin, Robert Haydon	1953
Glynn-Roe, Wilfrid Joseph	1948	Jenkins, Merle Nona	1950
Gobbett, Donald Lyon	1960	Jennings, Raelene Anne	1959
Godwin, Suzanne	1960	Johns, Beryl Fay	1952
Golding, Edmond William (surrendered 1951)	1949	Johnston, John Arcus	1959
Gordon, Bruce Rutherford	1960	Jones, Helen Margaret	1953
Gower, Charlie James (surrendered 1954)	1951	Joppich, Oscar Edwin	1954
Grave, Rosemary Anne	1956	Joyce, Pamela Beth	1956
Green, Ian Edward Charles	1949	Judd, James (surrendered 1954)	1950
Griffin, Margaret Elizabeth	1959	Kadow, Constance Evelyn	1960
Grigg, Michael Liston	1959	Kahlbaum, Maxwell Robert	1960
		Kane, Leo William	1958
		Kappler, Stewart Garth	1954

Kcalley, Frank Shenstone (surrendered 1951)	1948	Mitchell, Nancy Jean	1959
Keane, Kenneth John	1951	Moat, Milton Donald	1959
Kearney, Stanley John	1956	Moore, Eric Claude	1953
Kelley, William Brian (surrendered 1951)	1949	Morris, Maxwell Arthur	1956
Kesting, Norman Gustav	1951	Morrison, John Colin	1953
Kibena, Aimi-Lethe	1958	Mudge, Alfred Clarence	1952
Kieselbach, Patricia	1959	Mugford, Eric Kenwyn	1959
Kimber, William Harold	1948	Mulraney, Leslie Patrick	1950
Kissell, Thomas Alfred (surrendered 1954)	1950	Mundy, Robert Reginald Peter	1951
Kitto, Keith Olifent	1959	Murchland, Mildred Emily	1949
Kohler, Bryce Leonard Percival	1955	Murchland, William Byrne	1957
Kraft, Patricia Mary	1959	Murphy, Deirdre Mary	1960
Krieg, Terrence Brian	1959	Murray, Beryl Margaret	1957
Kroehn, Joan Margaret	1951	Murray, Heather Jean	1953
Laidlaw, Valerie	1956	Murrie, Elizabeth Leroy	1954
Lamacraft, Kenneth Ronald Ross (surrendered 1954)	1951	Murrie, John Douglas	1955
Lamborne, Maxwell Addison (surrendered 1953)	1949	Nankivell, Isobel Mabel	1958
Langford, Peter Angus	1960	Natt, Geoffrey	1950
Langsford, Irene Eltham	1949	Nelson, Pamela Rosemary	1956
Laslett, Barbara Rose	1952	Neinke, Eric Eugene	1958
Lawson, Joy Rosemary	1956	Newbold, Beverley Joan	1959
Leak, Brian Hedley (surrendered 1954)	1952	Newell, Edward Richard Ireland	1954
LeCornu, Colin George (surrendered 1954)	1951	Nitschke, Erna Gertrude	1954
Lee, John Malcolm	1959	Noblet, Max Hadden (surrendered 1957)	1952
Leibie, Albert Lawrence	1952	Noon, David Lyon (surrendered 1952)	1948
Leigh, Kathleen Lavinia Anne	1951	Norman, Jacob	1952
Lenke, Mollie Aileen	1958	Norton, Mary Alice	1949
Lock, Dorothy Marie Jeanne (surrendered 1954)	1950	Nottle, Geoffrey Edward (surrendered 1956)	1953
Lodge, John Kenneth Hyde (surrendered 1957)	1953	Nunan, Douglas Stephen	1951
Longbottom, Maxwell Ernest	1953	Oakley, Hannah Rosalie	1954
Love, Robert Stewart	1948	Oborn, Herbert Russell	1948
Loxton, Valerie Jean	1959	Obst, Margaret Grace	1960
Lunnay, Aubrey William	1952	O'Callaghan, Basil Charles	1957
Lyll, Margaret Mary	1954	O'Callaghan, Gerald Anthony	1954
McClaren, James Murray	1959	O'Connell, Geraldine Mary	1959
McCracken, Samuel Raymond	1951	O'Connor, Thomas James	1960
McDonald, William George Harlowe	1948	O'Donnell, Noeline Claire	1956
McDowall, James	1952	O'Neill, Marguerite (surrendered 1949)	1948
McElroy, Anthony Godfrey	1949	Opie, Roderick Preston (surrendered 1959)	1953
McElroy, Barrie Ivon	1960	Ottens, Lois Veronica	1957
McGill, Ian Keith (surrendered 1956)	1955	Pausuke, Henno	1958
McGuire, Anthony (surrendered 1955)	1952	Paice, William Osborne (surrendered 1953)	1950
McKenzie, Hector Malcolm	1948	Palm, Daphne Alexandra	1960
McKinnon, Bruce John	1959	Palmer, Rachel Dawn	1950
McKinnon, Charles Richard	1951	Parkes, Roy Frederick Walter	1948
McKinnon, Kenneth Richard	1952	Parkinson, Peggy	1959
McLay, Andrew Harold (surrendered 1953)	1950	Passell, Judith Christina	1958
McLean, Ronald Sinclair Allen	1956	Paterson, Robert George (surrendered 1958)	1952
McLeod, Murray Robert Love	1949	Patterson, Conrad Brenton	1959
McMahon, Francis	1960	Patterson, Frank Brenton	1948
McNarama, Maurene Rita	1952	Patterson, Reginald Lindsay	1959
McPherson, John Roger	1959	Payne, Jean Patricia	1960
McRostie, Keith Henry	1950	Payne, Rosamund Marie	1957
MacGillivray, Leith Grant	1951	Peake, Archibald John	1950
Mader, Conrad Wilfred	1952	Pearce, Alfred Moreton (surrendered 1951)	1949
Magnay, William Ralph	1952	Pearce, Edwin Lovell	1952
Magor, William Alwyn Roy	1959	Pearce, Nancy	1952
Mahar, Alan Dalton	1957	Pearce, William	1952
Manhood, Cleve Charles	1959	Pederson, Martin John	1959
Manser, William Lloyd	1959	Penna, Murray Arthur	1959
Mansfield, Richard Charles	1951	Pennicott, Ralph William	1948
Manuel, Deane James Hubert, B.Ec. (surrendered 1959)	1954	Penny, Betty Lorraine Mary	1955
Maple, Alexander Montrose	1948	Peters (nee Rooney), Kathleen	1948
Marker, Lois Beatrice	1954	Pfizer, Renate Lottie	1956
Marsh, Douglas Stanton	1959	Phillips, Ronald Osborn	1950
Marsh, William Clarence	1951	Pickering, Eric	1954
Marshall, William Edward	1960	Pierson, Robert Arthur (surrendered 1954)	1953
Martin, George Stanley	1960	Pinder, Claude Jack	1960
Martin, John William	1950	Pitman, Hartley Kenneth	1953
Martin, Lesley Meredith	1960	Playfair, Noel Angus	1951
Masters, Bernard Lincoln (surrendered 1959)	1956	Poke, Alison Rae	1953
Masters, John Clive	1949	Pole, Audrey Elizabeth (surrendered 1956)	1951
Matthews, Graham Ramsay-	1960	Polglase, David Llewellyn	1959
Matthews, Margaret Joy	1959	Polkinghorne, Heather Mary	1949
Maurice, Kay	1959	Porter, Jane Elizabeth	1960
Mausolf, Jack	1954	Potts, Florence Marlene	1956
Mausolf, Wallace	1951	Pratt, Aubrey Ronald	1952
Mayer (nee Hentschke), Margaret Ruth	1954	Quigley, Brian Maxwell	1960
Meath, William John	1960	Quigley, Francis James Leo	1950
Medson, Albert Reginald	1956	Quirk (nee Sykes), Helen Marian (surrendered 1951)	1949
Michell, David James, B.D. (London)	1960	Raison, Max Victor	1956
Michelmores, Roland Symons	1948	Ramsay-Matthews, Jean	1953
Middleton, Gaynor Denise Olive	1959	Read, Clarence Percy (surrendered 1959)	1949
Milway, Russell Henry Oliver	1949	Redin, Lewis Charles (surrendered 1956)	1951
Minns, William Alfred	1959	Redman, Jessie Adelaide	1951
		Redstone, Frank (surrendered 1957)	1949
		Reimann, Wilfred Harold	1960
		Reincke, Kevin	1950

Rendell, Rosemary Anne	1953	Taylor, Douglas McLeod (surrendered 1951)	1950
Resek, Marietta	1959	Theobald, Howard Wesley	1948
Richards, Martin Clyde	1952	Thomas, Linley	1952
Ridgway, Phillipa Mary	1959	Thomas, Patricia Fay	1958
Roberts, Marcia Anne	1960	Thompson, Ann Margaret	1960
Roberts, Owen David	1949	Thompson, Frank Howard (surrendered 1955)	1951
Roberts (nee Ey), Sheila Margaret (surrendered 1959)	1950	Thompson, Iris Maude	1952
Rogers, Roma Emma	1951	Thomson, Eunice Ann	1955
Rogers, Ruth Nellie (surrendered 1955)	1951	Thomson, June Marie	1956
Rosenthal, Murray Cyril	1959	Tilbrook, Graham David	1958
Routley, Peter Herbert	1955	Till, Patricia Dell	1952
Rowe, Rex Norman	1950	Tindall, Mildred Florence	1950
Rowell, George Douglas Fairbairn	1949	Torr, Alison Ruth	1950
Rowland, Roma Joy	1954	Trainer, Denise Margaret	1957
Rudolph, Gerald Alfred	1951	Trapnell, John Courtenay	1952
Reudiger, Malcolm Milton (surrendered 1954)	1950	Travers, Thomas Edward	1948
Russell, Lester David	1960	Trebilcock, David	1953
Ryan, John Leo	1958	Trebilcock, Donald Ray	1960
Sage, Harold Robert (surrendered 1953)	1950	Tregilgas, Francis Everleigh	1952
Saint, Bryce Wesley	1960	Trowse, Helen Hayward	1954
Sanderson, Dorothea Leonore	1960	Trudinger, June Stirling	1949
Sando, Clarice Melva (surrendered 1955)	1950	Tucker, Robert	1956
Saunders, Alan Caley	1954	Tucker, Walter	1960
Schafer, Ruth	1960	Tulloch, David Gerald	1952
Schiller, Keith Douglas	1960	Turner, William Howard Batley	1955
Schiller, Marcus Benjamin	1959	Twartz, Clement Wilford	1948
Schnetz (nee Harrison), Ruth Olive	1950	Tyrrell, Barbara Joan	1959
Schuller, Ruth Doreen	1954	Underdown, Reginald Edward, M.Sc.	1959
Schultz, Roydon Donald, B.Sc.	1959	Vaughan, Matthew Ferdinand	1950
Schulz, Clifford Rupert	1953	Vogelsang, Arthur Ernst	1950
Schumacher, Mavis Noreen	1960	Wachtel, Heinrich Lenhart	1948
Schuster, Valerie Fay	1960	Walker, Alan Philip	1958
Scott, Christine Mary Byron-	1960	Walker, Marjorie Jean	1960
Searle, Vera Katherine	1953	Wallace, Francis Joseph	1948
Semler, June Lorraine	1960	Wallbridge, Beryl Elsa	1958
Sharp, Heather Ellen	1960	Wallbridge, Leslie Walter	1956
Shekleton, Peter Reginald (surrendered 1957)	1951	Ward, Brian John	1958
Sheppard, David Roland	1957	Wardle, Allen	1952
Shinkfield, Anthony James (surrendered 1955)	1954	Warland, Avis Mary	1959
Simmonds, Allan Frederick	1958	Watkins, Pamela Kathleen	1960
Simpson, Brenda Mary	1958	Watson, Ian Morse	1960
Sinclair, Alison Mary	1960	Waye, Dorene Anne	1959
Smale, Thomas Charles (surrendered 1950)	1949	Webbe, Robin Phillip Pascoe	1960
Smith, Allen Clyde	1957	Webber, Ian James	1953
Smith, Ashley Mary	1958	Webber, Muriel Esme Jill (surrendered 1957)	1952
Smith, Charles Bruce Powell	1959	Wedding, Gordon Mervyn	1954
Smith, Constance Ethel	1950	Welke, Margaret Rose	1956
Smith, Cynthia Vivienne	1957	Wellington, Douglas Erwin	1950
Smith, Donald Powell	1952	Wendelborn, Lawrence Cyril	1959
Smith, Doris Elizabeth	1951	Were, Keith Francis	1958
Smith, Gweneth Ruth	1956	West, George Graham	1948
Smith, Ivan Ford (surrendered 1953)	1949	Wheatland, William Stanley	1960
Smith, John Henry (surrendered 1959)	1950	White, Emily Alice	1953
Smith, Margaret Joan	1954	Whitmore, Joan	1959
Smith, Maxwell John	1953	Wiese, Ivo Ray	1951
Smith, Reginald John Wayne	1950	Wieser, Othmar Heinrich Jakob	1959
Smith, Richmal	1957	Wiesner, Beverly Ann	1959
Smith, Sylvester	1948	Wiley, Mary Ruth	1959
Snigg, Janice Helene	1957	Wilkinson, Stewart Rex (surrendered 1950)	1948
Spence, Colin Everett (surrendered 1958)	1952	Wilksch, Lois Ruth	1958
Staggs, Valerie Marie Allan	1956	Williams, Ruth Jacqueline	1949
Stanley, Marena Jane Harrington	1959	Williamson, Beth England	1949
Stanley, Raymond John	1952	Wilsdon, Sallie	1959
Steinle, John Richard (surrendered 1958)	1952	Wilson, Francis Patrick	1948
Steinle, Joyce Margaret	1960	Wilson, Gwendolyn Moore	1950
Stenson, Peter John	1956	Wilson, Marlene Janice	1959
Stewart, Jill Denise	1959	Winter, Maxwell Hugh	1957
Stewart, Peter McKenzie Gibson	1954	Wohlfarth, Joanna Emily Therese	1958
Stocker, Reginald Henry	1953	Woithe, Francis Arnold	1951
Stone, Ronald Alexander	1958	Wollaston, Pamela Jill	1956
Stone, Victor Oxford	1953	Wood, Eric William Hadley	1951
Storck, Margaret Joyce	1960	Woodards, Eva Norma Cherrington	1949
Styles, Colin Ross	1958	Woods, Donald Peter	1951
Sylow, Barbara Elizabeth Ruth	1960	Woods, Rosamond Erica	1957
Symonds, Rosalyn Mary	1960	Wright, Florence Maude	1953
Tabor, Barbara	1950	Young, Donald Lindsay	1952
Taylor, Beatrice May	1948	Young, Joan Margaret	1952
		Zimmermann, Diana Wendy	1956
		Zoerner, Robert John	1951

STATUTES

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

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

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

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

Chapter Ia.—Of the Deputy Chancellor.

1. The Council may from time to time appoint from amongst its members a Deputy Chancellor.

2. Subject to the University of Adelaide Act 1935-1950, at the request of the Chancellor or in his absence it shall be lawful for the Deputy Chancellor to do any act matter or thing which the Chancellor is ordinarily empowered to do.

3. For that purpose the Deputy Chancellor shall be *ex officio* a member of the Board of Discipline and of all Faculties and also of all Boards of Studies and Committees of which the Chancellor is a member.

Allowed 19th March, 1959.

Chapter II.—Of the Council.

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

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

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

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

Chapter III.—Of the Senate.

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

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

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

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

• Allowed 2nd December, 1926.

Chapter IV.—Of Professors and Lecturers.

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

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

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

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

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

* Allowed 8th December, 1938.

† Amended 11th December, 1941.

† Amended 8th December, 1949.

§ Allowed 23rd January, 1947.

¶ Allowed 9th December, 1943.

** Allowed 17th January, 1952.

†† Allowed 9th December, 1943.

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

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

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

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

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

Notes.—(a) The Council, acting under the power conferred on it by Clause 2, has established the following professorships:

- (31) Medicine
- (32) Physical and Inorganic Chemistry
- (33) Organic Chemistry
- (34) Dental Science
- (35) History
- (36) Education
- (37) Architecture
- (38) Commerce
- (39) Geography
- (40) Pure Mathematics
- (41) Applied Mathematics
- (42) Psychology
- (43) Surgery
- (44) Obstetrics and Gynaecology
- (45) Child Health
- (46) Mathematical Statistics
- (47) Mental Health
- (48) German

(b) In establishing separate Chairs in Organic Chemistry and in Physical and Inorganic Chemistry the Council attached the title of Angas Professor to Professor D. O. Jordan, occupant of the Chair of Physical and Inorganic Chemistry.

(c) The Council has changed the title of the Chair of Agronomy to Waite Professor of Agriculture, and of the Chair of Bacteriology to Professor of Microbiology.

(d) In establishing separate Chairs in Applied Mathematics and in Pure Mathematics the Council attached the title of Elder Professor to Professor E. S. Barnes, occupant of the Chair of Pure Mathematics.

(e) Following endowment of the Chair of Economics by the late George Gollin the Council has named the occupant The George Gollin Professor of Economics.

(f) Following the bequest of about £100,000 by the late Mr. and Mrs. S. McGregor Reid, the Council named the Chair of Child Health The McGregor Reid Chair.

Chapter V.—Of the Registrar.

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

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

* Allowed 18th September, 1900.

Chapter VI.—Of Leave of Absence.

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

Allowed 17th January, 1952.

Chapter VII.—Of the Seal of the University.

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

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

*3. In all other cases the Seal shall be affixed to documents only by direction of the Council and in the presence of one of the custodians; and the affixing of the Seal shall be attested by the signatures of the custodian in whose presence it was affixed and of the officer who affixed it.

* Allowed 25th August, 1955.

Allowed 22nd January, 1953.

Chapter VIII.—Of Terms.

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

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

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

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

‡5. A candidate shall enrol for his year's work not later than the date prescribed by the Council. An enrolment submitted after that date shall not necessarily be accepted, and if accepted shall incur such

‡ Allowed 17th December, 1959.

late enrolment fee as the Council may prescribe unless there be adequate reason why it had not been submitted by the prescribed date. Application for remission of the late enrolment fee must be made in writing and be addressed to the Registrar.

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

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

* Allowed 17th January, 1952.

Allowed 10th January, 1946.

Chapter IX.—Of Matriculation.

1. A candidate for the degree of Bachelor shall be matriculated; and he shall not be admitted to the degree until he has been a matriculated student for nine academic terms.

2. To be eligible for matriculation a candidate shall be not less than sixteen years of age, and shall have fulfilled the educational requirements specified below.

*3. For purpose of matriculation the Leaving Examination shall be the Matriculation Examination, and the subjects available shall be:

Group A: English;

Group B: (i) Latin, Greek, French, German, and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board;

(ii) Ancient History (i.e. *either* Greek and Roman History *or* Early General History), Modern History, Economic History, Economics, Geography, Music;

Group C: (i) Mathematics, Part I, Mathematics, Part II;

(ii) Physics, Chemistry, Geology, Botany, Physiology, Agricultural Science;

Group D: Arithmetic, Drawing, Book-keeping.

4. (a) To fulfil the educational requirements for matriculation a candidate shall:

(i) pass in at least five subjects from Groups A, B, C and D, including at least one subject from each of Groups B and C; *provided that* if either Mathematics Part I or Mathematics Part II is counted, Arithmetic cannot be counted;

(ii) include in his five subjects, at least one subject from section (i) of either Group B or Group C;

(iii) *either* pass in English as one of the five subjects, *or* satisfy the examiners of his ability to use the language as an instrument of expression.

The qualification in English obtained by a candidate who has satisfied the examiners of his ability to use the language as an instrument of expression shall be designated EgQ, and shall not count as a subject.

* Amendment awaiting allowance at time of printing.

(b) The attention of intending candidates is drawn to the fact that, although such requirements do not form part of the general requirements for matriculation, in some first-year subjects at the University either a pass in the corresponding subject at Matriculation standard is prescribed for admission to the class or a knowledge of the subject at Matriculation standard is assumed.

*5. A candidate who has fulfilled the requirements for matriculation shall become a Matriculated Student of the University upon his signing, in the presence of the Registrar or other duly appointed person, the following declaration in the Students' Roll:

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

Every matriculated student shall, on signing the Students' Roll, pay such fee as the Council may prescribe.

6. (a) A candidate who has attained the age of sixteen years and who has not completely fulfilled the requirements specified in clause 4 hereof may be admitted to provisional matriculation for such period and on such conditions as may be determined in each case.

(b) Such provisional matriculation may, before the expiry of the period for which it was granted, be renewed for such further period and on such conditions as may be determined in each case.

(c) A candidate admitted to provisional matriculation shall comply with clause 5 hereof, and shall be deemed, during the period of provisional matriculation, to be a matriculated student of the University.

* (d) A candidate admitted to provisional matriculation who fulfils the conditions imposed within the period specified shall thereupon become a matriculated student as from the date on which he signed the Students' Roll.

* (e) If a candidate admitted to provisional matriculation fails to comply with the conditions imposed within the period specified his matriculation shall thereupon lapse, an entry to that effect shall forthwith be made in the Students' Roll, and he shall thereafter be a non-graduating student under Chapter XXIV of the University Statutes.

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

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

* Amended 17th December, 1959.

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

10. If in any academical year the number of matriculated students who apply to begin a course of study in any Faculty is in the opinion of the Faculty greater than can be taught, the Council may thereupon select from such students by such method as the Council from time to time determines those who in its opinion should be entitled to begin the course of study in that Faculty in that year.

11. (a) A candidate for a degree other than a Bachelor's degree or a degree *ad eundem gradum*, who is not a graduate of the University, shall be matriculated before he enters upon his course of study.

(b) Notwithstanding anything in this Chapter, such a candidate may be matriculated if he has been accepted as a candidate by the appropriate faculty or the Board of Research Studies.

(c) Such a candidate shall comply with clause 5 hereof.

12. Notwithstanding the provisions set out in clauses 3 and 4 above, until March 31, 1961, a candidate may fulfil the educational requirements for matriculation by complying with the requirements specified in clause 3 of the Chapter hereby superseded.

Allowed 14th February, 1957.

NOTES UNDER CLAUSE 4 (B), WHICH DO NOT FORM PART OF THE STATUTE:

1. *Languages other than English*: At least one course in Greek, Latin, French or German forms part of the requirements of the Ordinary degree of Bachelor of Arts. Except with special permission to be obtained in writing from the Registrar, no candidate proceeding to a degree may take the course in Greek I, Latin I, French I or German I until he has passed in the corresponding subject at the Leaving examination or at an examination accepted by the University as equivalent.
2. *Mathematics*: General Mathematics is a compulsory subject in the Engineering course; further, General Mathematics or Mathematics I will for many candidates be an essential or desirable subject in certain other courses (e.g. Science). Except with special permission to be obtained in writing from the Registrar, no candidate may be admitted to the class in General Mathematics until he has passed *either* in Leaving Mathematics Parts I and II *or* in an examination accepted by the University as equivalent. For admission to the class in Mathematics I, a pass in Leaving Honours Mathematics I and II or in General Mathematics is normally required.
3. *Physics and Chemistry*: Although a pass at Leaving standard is not a pre-requisite for admission to the classes in General Physics and Chemistry I, the syllabuses in these subjects pre-suppose a knowledge of Physics and Chemistry at Leaving standard. For admission to the class in Physics I a pass in Leaving Honours Physics or in General Physics is normally required; otherwise, in special cases the Professor of Physics may grant written permission, which must be attached to the enrolment form.

4. *Music*: Harmony II is a compulsory subject in the first year of the course for the degree of Bachelor of Music, and no candidate will be admitted to the class in that subject until he has *either* passed in the Theory of Music at the Seventh Grade of the Public Examinations in Music *or* satisfied the Dean of the Faculty of Music in a special entrance examination in the theory of music of equivalent standard.
5. *Law*: A pass in Latin at Leaving Standard is pre-requisite for admission to the class in Roman Law which, however, is not a compulsory subject in the course for the degree of Bachelor of Laws.
6. *Building Science*: The syllabus in this subject pre-supposes a knowledge of Chemistry at Leaving standard.

NOTE UNDER CLAUSE 12:

The educational requirements specified under clause 3 of the superseded Statute were as follows:

In the Faculty of Arts:

Five subjects, including English and either Latin or Greek, at the Leaving Examination; and if Mathematics Part I is not also included, Mathematics (two subjects) must have been passed at the Intermediate Examination.

In the Faculty of Economics:

Five subjects, including English and *either* a language other than English *or* Mathematics I or Mathematics II, at the Leaving Examination; provided that (a) if a language other than English be not included in the Leaving subjects such a language must have been passed at the Intermediate Examination; and (b) if Mathematics I or Mathematics II be not included in the Leaving subjects, Mathematics (two subjects) must have been passed at the Intermediate Examination.

In the Faculty of Science:

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

In the Faculty of Agricultural Science:

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

In the Faculty of Engineering:

Five subjects, including English and Mathematics Parts I and II, at the Leaving Examination; and if a language other than English be not included in the Leaving subjects, such a language must have been passed at the Intermediate Examination.

In the Faculty of Technology:

Five subjects, including English and Mathematics Parts I and II, at the Leaving Examination.

In the Faculty of Law:

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

In the Faculty of Medicine:

Five subjects, including English and a language other than English, at the Leaving Examination; if Mathematics I be not passed at the Leaving Examination, Mathematics (two subjects) must have been passed at the Intermediate Examination; and if Physics be not passed at the Leaving Examination it must have been passed at the Intermediate Examination.

In the Faculty of Dentistry:

Five subjects at the Leaving Examination, including Physics and a language other than English; if English be not included in the Leaving subjects it must have been passed at the Intermediate Examination; and if Mathematics Part I be not included in the Leaving subjects Mathematics (two subjects) must have been passed at the Intermediate Examination.

In the Faculty of Music:

A candidate is required (i) to hold the Leaving Certificate, or to have passed in four subjects at the Leaving Examination including English, a language other than English, and either Ancient History or Modern History, and (ii) either to have passed in the Theory of Music at the Seventh Grade of the Public Examinations in Music, or to satisfy the Dean of the Faculty of Music in a special Entrance Examination in the Theory of Music of equivalent standard.

Chapter X.—Of the Faculties

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

ARTS.

2. The Faculty of Arts shall consist of:

(a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the Dean of the Faculty of Science; the Bonython Professor of Law; the Elder Professor of Music; the Director of Education; the Principal of the Adelaide Teachers' College.

(b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

SCIENCE.

3. The Faculty of Science shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the Deans of the Faculties of Arts, Agricultural Science, Engineering, Medicine and Dentistry.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

LAW.

†4. The Faculty of Law shall consist of:

- (a) *Ex officio members*: The Chancellor, the Vice-Chancellor; their Honours the Judges of the Supreme Court; the Chairman of the Education Committee; all full-time members of the Department of Law of the status of lecturer or above; the part-time lecturers in the legal subjects in the curriculum for the degree of Bachelor of Laws or for the Final Certificate in Law or in a postgraduate subject offered by the Faculty; the lecturers or part-time lecturers in the Commercial Law subjects of the course for the degree of Bachelor of Economics; the Dean of the Faculty of Arts; the Hughes Professor of Classics; the Professor of Commerce; the President of the Law Society of South Australia Incorporated.
- (b) *Appointed members*: (i) Such other persons, whether members of the academic staff of the University or not, but not exceeding eight in number, as the Faculty may recommend and the Council approve; and (ii) such other persons, not exceeding three in number, as the Council may appoint.

MEDICINE.

*5. The Faculty of Medicine shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Heads of the Departments of Physics, Organic Chemistry, Physical and Inorganic Chemistry, Botany and Zoology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Heads of the Departments of Anatomy and Histology, Biochemistry, Physiology, Microbiology, Pathology, Medicine, Surgery, Obstetrics and Gynaecology and Child Health; the Reader in Pharmacology; the Reader in Medicine and the Humanities; the part-time lecturers in the Departments of Medicine and Surgery; the

† Awaiting allowance at time of printing. * Amended 17th December, 1959.

part-time lecturers in Gynaecology, Public Health and Preventive Medicine, and Radiology; the Director-General of Medical Services; the Director of the Institute of Medical and Veterinary Science.

- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer in each of the Departments of Anatomy and Histology, Biochemistry, Physiology, Microbiology, Pathology, Medicine, Surgery, Obstetrics and Gynaecology, and Child Health, nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other persons, not exceeding three in number, as the Faculty may recommend and the Council approve; and (iii) such other persons, not exceeding three in number, as the Council may appoint.

MUSIC.

6. The Faculty of Music shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Elder Professor of Music; the Senior Lecturers and Lecturers in Music; the Lecturer in Acoustics; the Dean of the Faculty of Arts; the Lecturer in charge of Music at the Adelaide Teachers' College.
- (b) *Appointed members*: (i) Such teachers of principal subjects in the Elder Conservatorium of Music, not exceeding five in number, as the Faculty may recommend and the Council approve; (ii) such other persons, not exceeding three in number, as the Council may appoint.

ENGINEERING.

7. The Faculty of Engineering shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Heads of the Departments of Civil Engineering, Electrical Engineering, Mechanical Engineering, Mining, Metallurgical and Chemical Engineering, and Architecture; the Heads of the Departments of Mathematics, Physics, Physical and Inorganic Chemistry, Geology and Economic Geology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Dean of the Faculty of Science; the President and the Director of the South Australian Institute of Technology.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department of Engineering nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding five in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons not exceeding two in number as the Council may appoint.

DENTISTRY.

8. The Faculty of Dentistry shall consist of:

- * (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Professor of Dental Science; the Heads of the Departments of Prosthetic Dentistry, Conservative Dentistry and Dental Surgery and Pathology; the full-time and part-time lectures in the specifically dental subjects of the curriculum for the degree of Bachelor of Dental Surgery; the Heads of the Departments of Physics, Organic Chemistry, Physical and Inorganic Chemistry, Zoology, Anatomy and Histology, Biochemistry, Physiology, Bacteriology and Pathology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Professor of Medicine; the Director-General of Medical Services; the Chairman of the Dental Board of South Australia.
- (b) *Appointed members*: (i) Such other members of the teaching staff of the Dental School, not exceeding three in number, as the Faculty may recommend and the Council approve; (ii) such other persons, not exceeding three in number, as the Council on the recommendation of the Faculty may appoint; and (iii) such other persons not exceeding two in number as the Council may appoint.

• Amended 28th July, 1959.

AGRICULTURAL SCIENCE.

9. The Faculty of Agricultural Science shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Director of the Waite Agricultural Research Institute; the Heads of Departments at the Waite Agricultural Research Institute; the Heads of such other University Departments as are engaged in teaching in the Faculty of Agricultural Science, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Dean of the Faculty of Science; the Principal of Roseworthy Agricultural College.
- (b) *Appointed members*: (i) Not more than two members of the staff of Roseworthy Agricultural College, nominated by the Principal and approved by the Faculty and the Council; (ii) not more than two members of the staff of the South Australian Department of Agriculture, nominated by the Director of the Department and approved by the Faculty and the Council; (iii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iv) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (v) such other persons not exceeding two in number as the Council may appoint.

ECONOMICS.

10. The Faculty of Economics shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Dean of the Faculty of Arts; the Bonython Professor of Law; all full-time members of the Departments of Economics and of Commercial Studies; the Heads of the Departments of History, History and Political Science, and Geography.
- (b) *Appointed members*: (i) Two members of the part-time teaching staff of the Department of Commercial Studies nominated by the Head of the Department and approved by the Faculty and the Council; (ii) one member from each of the Departments of History, History and Political Science, and Geography nominated by the Head of the Department concerned and approved by the Faculty and the Council; (iii) such other persons not exceeding six in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

TECHNOLOGY.

11. (1) The Faculty of Technology shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee of the University; the President, the Vice-President and the Director of the South Australian Institute of Technology.
 - (b) *Appointed members*: (i) Six members appointed by the Council of the University on the recommendation of the Education Committee; and (ii) six members appointed by the Council of the South Australian Institute of Technology.
- (2) Notwithstanding the provisions of Clauses 15 and 18 below until December 31, 1961, when this provision will be reviewed, the Dean of the Faculty of Technology (or the Chairman for the occasion) shall be elected from the members appointed by the University Council.

ARCHITECTURE AND TOWN PLANNING.

11A. The Faculty of Architecture and Town Planning shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Deans of the Faculties of Arts, Science and Engineering; the Professors of Architecture and Civil Engineering; the Head of the Department of Mathematics; all full-time members of the Department of Architecture of the status of lecturer or above.
- (b) *Appointed members*: (i) Such persons, not exceeding four in number, as the Faculty may recommend and the Council approve; (ii) such other persons, being members of the Council and not exceeding two in number, as the Council may appoint.

GENERAL.

12. Appointed members of a Faculty shall hold office until the end of the calendar year for which they are appointed but shall be eligible for re-appointment.

13. Whenever a Faculty has an assistant to the Dean, such Assistant shall be a member of the Faculty but shall not count as a member of a Department for the purpose of limitation of the number of members of a Department who may be members of the Faculty.

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

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

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

- (a) At his own discretion, or on the written request of the Chancellor or the Vice-Chancellor or of two members of the Faculty, he shall convene meetings of the Faculty.
- (b) He shall preside at all meetings of the Faculty at which he shall be present.
- (c) Subject to the control of the Faculty he shall exercise a general superintendence over the Faculty's administrative business.

17. If the Dean be not available or be unable to act the Vice-Chancellor or the Chairman of the Education Committee may convene a meeting of the Faculty or in the case of emergency arrange for some other member of the Faculty to act for the Dean.

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

SUB-FACULTIES.

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

BOARD OF EXAMINERS.

20. The Board of Examiners in the subjects of the course of each Faculty shall consist of the Professors and Lecturers in those subjects, together with such examiners as may be appointed by the Council.

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

Allowed 20th December, 1956.

Chapter XI.—Of Degrees.

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

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

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

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

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

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

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

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

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

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

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

* Allowed 8th December, 1938.

† Allowed 17th January, 1952.

‡ Allowed 18th October, 1956.

Form of Admission to any Degree.

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

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

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

Allowed 2nd December, 1926.

Chapter XII.—Of the Board of Discipline.

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

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

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

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

He shall preside at the meetings of the Board.

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

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

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

(a) to dismiss such complaint;

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

(i) by admonishing the student complained against;

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

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

(iv) by excluding such student, for such term as the Board may think fit, from any course of instruction in, or from any lectures of, the University, or from any examination;

(v) by excluding such student, for such term as the Board may think fit, from any place of study or recreation in the University, or from the premises of the University;

(c) to expel such student from the University.

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

* Amended 22nd January, 1953.

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

Allowed 2nd December, 1926.

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

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

A. The Angas Engineering Scholarship.

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

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

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

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

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

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

‡ Allowed 23rd January, 1947.

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

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

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

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

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

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

B. The Angas Engineering Exhibitions.*

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

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

‡ Allowed 30th November, 1933.

* Allowed 25th August, 1955.

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

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

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

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

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

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

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

14. Payment of an exhibition shall be made in three equal instalments, one at the beginning of each academic term, but payment shall not be made to any exhibitor whose conduct and diligence as a student throughout the preceding term have not been satisfactory to the Council. The decision of the Council on any such question shall be final.

15. Except by permission of the Council, an exhibitor shall not hold concurrently with his exhibition any other exhibition, bursary, or scholarship.

C. General.

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

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

Allowed 6th December, 1922.

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

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

It is hereby provided that:

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

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

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

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

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

6. The prizeman may at any time during the year following the original award be called upon by the Council to give proof that he is devoting himself to the study of Literature, with a view to producing a sufficient thesis. If he fails to give such proof when called upon, or

* Allowed 3rd January, 1935.

if in any respect he fails to comply with the conditions of these Statutes or to comport himself to the satisfaction of the Council, he may, by resolution of the Council, be deprived of all further rights as prizeman. In such case, or in case of resignation by the prizeman of his rights, the candidate who was placed second to him in the original award may be allowed, on such conditions as the Council may approve, to prepare and present a thesis and to qualify for the title of scholar.

Allowed 2nd December, 1926

Chapter XV.—Of The Stow Prizes and Scholar.

Whereas a sum of Five Hundred Pounds was subscribed with the intention of founding prizes in memory of the late Randolph Isham Stow, sometime one of the Justices of Her Majesty's Supreme Court of this Province: And whereas the said sum was paid to the University for the purpose of establishing the prizes hereinafter mentioned: It is hereby provided:

1. That there shall be annual prizes, to be called The Stow Prizes.
2. Each of such prizes shall consist of the sum of fifteen pounds, or (at the option of the prizeman) of books to be selected by him of the value of fifteen pounds.
- *3. A Stow Prize may be awarded to any candidate for the LL.B. Degree, who, at any November Examination, in the opinion of the Board of Examiners shall have shown exceptional merit in not less than two subjects.
4. Not more than four Stow Prizes may be awarded in any one year.
5. Every Bachelor of Laws, who shall during his course have obtained three Stow Prizes, shall receive a gold medal, and shall be styled Stow Scholar.

* Allowed 12th December, 1907.

Allowed January, 1899.

Chapter XVIa.—Of the Everard Scholarship.

Whereas the late William Everard has bequeathed to the University the sum of £1,000 for the purpose of founding a scholarship in connection with the medical school, such scholarship to be called by his name; it is hereby provided as follows:

1. A scholarship, to be called The Everard Scholarship, shall be offered for competition annually.
2. The value of the scholarship shall be Thirty Pounds, and shall be paid to the scholar in one sum.
3. The scholarship shall be awarded to the student who, being neither a graduate in medicine of any other medical school nor a person who has been registered as a medical practitioner in South Australia or elsewhere, has completed the whole of the last three years of the medical course in the University of Adelaide and has been placed highest amongst such eligible candidates in the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year; provided that an award shall be made only if in the opinion of the Board of Examiners there is a candidate of sufficient merit.

Allowed 16th June, 1949, and amended 8th December, 1949.

Chapter XVIIb.—Of The Eric Smith Scholarship.

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

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

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

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

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

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

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

7. The University shall pay the fees at the South Australian Institute of Technology for any scholar taking a degree in engineering, and the fees at the Adelaide Hospital for any scholar taking a degree in medicine, provided that if such fees be increased at any time it shall not be obligatory upon the University to pay the amount of the increase.

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

Allowed 10th December, 1915.

Chapter XVIIc.—Of The Archibald Mackie Bursary.

Whereas the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) has paid to the University the sum of £100 for the purpose of founding a bursary in memory of Archibald Mackie, formerly Secretary of the Association: Now it is hereby provided as follows:

1. A bursary, to be called The Archibald Mackie Bursary, shall be awarded by the University to any person nominated from time to time by the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

*2. The value of the bursary shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the bursar may include in his curriculum for the degree of Bachelor of Economics.

3. The bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.

*4. Save by permission of the Council of the University, the bursar shall not retain the bursary for more than six years.

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

This statute may be varied from time to time, but the title of the bursary shall not be changed.

* Allowed 22nd January, 1953.

Allowed 10th December, 1915.

Chapter XVII.—Of Conduct at Examinations.

A candidate must not during any examination whatever:

- (a) have in his or her possession any book or notes or any other means whereby he or she may improperly obtain assistance in his or her work; or
- (b) directly or indirectly give assistance to any other candidate; or
- (c) permit any other candidate to copy from or otherwise use his or her papers; or
- (d) directly or indirectly accept assistance from any other candidate; or
- (e) use any papers of any other candidate; or
- * (f) by any other improper means whatever obtain or endeavour to obtain, directly or indirectly, assistance in his work, or give or endeavour to give, directly or indirectly, assistance to any other candidate; or
- (g) be guilty of any breach of good order or propriety.

Any candidate who shall be guilty of a breach of any of the provisions of this regulation shall lose that examination; and, if detected at the time, shall be summarily dismissed from the examination room; and shall be liable to such further punishment, whether by exclusion from future examinations or otherwise, as the Council may determine.

* Allowed 2nd December, 1926.

Allowed 3rd January, 1907.

Chapter XVIII.—Of Academic Dress.

1. At all lectures, examinations, and public ceremonies of the University, graduates and undergraduates shall appear in academic dress.

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

3. The academic dress for graduates shall be:—

GOWNS.

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

HOODS.

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

* Allowed 25th August, 1955.

† Allowed 20th December, 1956.

‡ Allowed 28th July, 1959.

CAPS.

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

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

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

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

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

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

Allowed 8th December, 1949.

Chapter XIX.—Saving Clause and Repeal.

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

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

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

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

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

Provided that —

1. This repeal shall not affect —

- (a) Anything done or suffered before the allowance and counter-signature by the Governor of these statutes under any statute or regulation repealed by these statutes; or
- (b) Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed; or
- (c) The validity of any order or regulation made under any statute or regulation hereby repealed; and

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

Allowed 18th December, 1886.

Chapter XX.—Of The Roby Fletcher Prize.

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

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

* Amendment allowed 22nd December, 1955.

Allowed 7th December, 1939.

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

Whereas Mrs. Davies-Thomas has given the sum of £400‡ for the present purpose of founding two scholarships to be called after the late Dr. Davies-Thomas, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these Statutes, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum:—

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

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

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

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

* Allowed 20th December, 1956.

† Allowed 26th January, 1898.

‡ Increased in 1934 to £600.

Allowed 15th December, 1896.

Chapter XXII.—Of The Hartley Studentship.

Whereas the sum of £600 has been subscribed with the intention of founding a studentship in memory of the late John Anderson Hartley, Vice-Chancellor of the University of Adelaide, and Inspector-General of Schools, and whereas the said sum has been paid to the University of Adelaide to be used and administered by it in fulfilment of such intention, and the University has decided in recognition of the services of the said John Anderson Hartley to the said University from its foundation until his lamented death in 1896 to supplement the income from the said sum, so as to give effect to the following scheme, it is hereby provided as follows:—

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

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

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

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

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

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

• Allowed 24th December, 1913.

† Allowed 7th December, 1927.

‡ Allowed 13th December, 1917.

§ Allowed 6th December, 1923.

** Allowed 22nd January, 1953

Allowed 7th December, 1911.

Chapter XXIV.—Of Non-Graduating Students.

*1. Upon such terms and conditions and upon payment of such fees as the University or the Council prescribe, any person wishing to become a non-graduating student in the University or in any School therein may be admitted to any lectures, tuition, or examinations; and, if required, shall sign his or her name in a roll book, or upon a separate form, to the following declaration, or to such other similar declaration as the Council shall prescribe for non-graduating students generally, or for some of them:

• Allowed 11th December, 1941, amended 20th December, 1956, and 17th December, 1959.

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

Provided that any student who has signed the Students' Roll under a grant of provisional matriculation which has subsequently lapsed shall be deemed to have complied with this clause.

Every non-graduating student shall, on signing the Students' Roll, pay such fee as the Council may prescribe.

2. Except when otherwise provided non-graduating students shall pay the same fees and be subject to the same Statutes, Regulations, and Rules regulating discipline and conduct as undergraduates.

3. From and after the allowance and countersignature by the Governor of these Statutes there shall be repealed hereby the Statutes, chapter XXIV, "Of Non-Graduating Students," allowed by the Governor on the twenty-seventh day of December, in the year 1899; but such repeal shall not affect:

Anything done or suffered, any right or status acquired, duty imposed or liability incurred under the repealed statutes.

4. No subject passed by a student as a non-graduating student may later be counted towards a degree unless the examination be again passed, provided that in special cases the Council may, on the recommendation of the Faculty concerned, make such concession as it thinks fit; but nothing in this clause contained shall interfere with the operation of Regulation 10 of the Degree of Bachelor of Laws and of the Final Certificate in Law.

‡ Allowed 3rd January, 1929, and amended 22nd January, 1953.
Allowed 7th December, 1904.

Chapter XXV.—Miscellaneous.

1. In any Statute or Regulation unless there is something in the context repugnant to such construction words importing the masculine gender or singular number shall be construed to include the feminine and plural respectively and *vice versa*.

1A. (1) Notwithstanding anything contained in any Statute or Regulation of the University, or in any rules made by the Council, the following provisions shall apply to any moneys held by the University by way of endowment of any scholarship, studentship, exhibition, prize, lectureship or the like.

(2) All or any of the funds, so held as aforesaid, may be amalgamated for the purposes of investment, and held in a common fund, and the net income earned by the common fund shall be credited, ratably, to the funds so amalgamated: Provided that any fractional part of the income of the common fund, which cannot conveniently be distributed in the year in which it is earned, may, by direction of the Council, be carried to a suspense account, and held in reserve or applied to the equalization of income, as the Council may from time to time determine.

‡ Allowed 11th November, 1954.

(3) If the whole of the income earned by or credited to any particular fund is not expended or appropriated in the year following that in which it is credited, it shall be added to the capital of the fund, but (subject to any express provision contained in the Statute, Regulation, or rules relating to the particular case) any income so added may be applied to the purposes of the endowment, as the Council may at any time determine, as if it had been the income of the year in which it is so applied.

2. Statutes and Regulations relating to Scholarships, Studentships, Exhibitions, or Prizes may be varied from time to time, unless the founders have expressly stipulated to the contrary.

*2A. Every candidate for an examination, degree, diploma, scholarship, exhibition, studentship or prize shall enter his name on the prescribed form with the Registrar not later than a date fixed by the Council and published in the Calendar or by advertisement. Later entries may be received on payment of such additional fee as the Council may prescribe which, however, may be remitted by the Vice-Chancellor for an adequate reason; but no entry shall be received within seven days of the examination except with the express approval of either the Dean of the Faculty concerned or the Vice-Chancellor.

†2B. Whenever a thesis or other work is submitted for admission to a higher degree, and it is provided by statute or regulation that copies thereof shall be deposited in the University Library, the candidate shall lodge with the Registrar three copies prepared in accordance with the following conditions:

- (a) In those cases in which specific directions have been given to candidates under the authority of the Regulations of the degree concerned: in accordance with those directions.
- (b) In all other cases:
 - (i) unless specific approval otherwise has been given by the University Librarian, all script shall be typed or printed on paper of quarto or foolscap size;
 - (ii) maps, drawings, photographs or other illustrations may be of any size or form approved by the Librarian;
 - (iii) 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.

Whenever an essay or thesis is accepted for the award of a University prize or scholarship, the successful candidate shall lodge with the Registrar, for transmission to the library, a copy prepared in accordance with the foregoing conditions.

§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

* Allowed 11th December, 1947, amended 18th October, 1956, and 17th December, 1959.

† Awaiting allowance at time of printing.

§ Allowed 12th August, 1903.

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.

‡‡3B. Repealed.

°4. Wherever, in the Statutes or Regulations of the University, a time limit or an age limit is imposed, the Council shall have power to add or deduct or allow for the period spent in war service by any candidate, but may impose such conditions or modifications as may seem good to the Council in each case.

‡4A. On the advice of the appropriate Faculty or Board, the Council may make special provision for any candidate for a degree or diploma who has been engaged in war service, by altering the conditions prescribed for entrance on his course of study, by altering the fees, and by adjusting the curriculum, provided that the whole curriculum be substantially fulfilled before the degree or diploma is conferred.

°°4B. Where by reason of physical disability a student is unable to perform any section of the work prescribed by the regulations for the course on which he has entered or proposes to enter, the Council, on the advice of the appropriate Faculty or Board, may allow him to substitute for such work, other work or another subject substantially equal in standard, and in such case may also impose such other conditions as it thinks fit.

‡‡4c. (a) A Faculty or Board of Studies may review the academic progress of any student enrolled for studies within the curriculum of that Faculty or Board at any time after the student has been enrolled for three terms and has presented himself or has had an opportunity of presenting himself for the annual examination in the subject or subjects for which he was enrolled.

(b) As a result of such review the Faculty or Board may decide (i) to take no action, or (ii) to permit the student to take during the current or next ensuing academic year only such programme of study within its curriculum as it may approve, or (iii) to recommend to the Council that the student be precluded from taking further studies within its curriculum.

(c) Whenever a student who has been enrolled for studies within the curriculum of a Faculty or Board of Studies seeks enrolment for studies within the curriculum of another Faculty or Board of Studies the Faculty or Board of Studies in which enrolment is sought may consider the candidate's previous academic record in the University and may decide either (i) to permit the enrolment or (ii) to recommend to the Council that the enrolment be rejected.

(d) Every student or candidate whose position is to be considered under the foregoing sections of this clause shall be notified accordingly and requested to submit in writing for consideration

‡ Allowed 5th December, 1918. ‡‡ Repeal awaiting allowance at time of printing.

* Allowed 10th December, 1919. *° Allowed 23rd January, 1947.

‡‡ Allowed 28th July, 1959.

by the Faculty or Board of Studies such explanation as he can offer for his lack of satisfactory progress and reasons why he should be permitted to enrol for further studies in the University. If the Faculty or Board of Studies decides to recommend preclusion under section (b) or rejection under section (c) of this clause the recommendation shall be submitted to the Council which, after making such enquiry as it thinks fit, may confirm, vary or set aside the recommendation.

(e) On the recommendation of a Faculty or Board of Studies the Council may, in respect of candidates for enrolment who are not domiciled or have not been resident in South Australia for a continuous period of at least twelve months before applying for admission to the University, (i) set annually a quota for such students to be admitted to the course of study under that Faculty or Board and determine the method by which the quota shall be filled; or (ii) in accordance with a general policy which it may adopt or for any reason that it may deem adequate in a particular case, refuse enrolment to such students. Admission of such a student to one course of study in the University shall not confer or imply permission subsequently to transfer to another course of study.

§5. In all cases where Regulations affecting the course of study for any degree or diploma of the University have been or shall be repealed or altered, the Council may nevertheless allow candidates who have previously entered under the Regulations repealed or altered to complete their course thereunder, but may impose such conditions or modifications as may seem good to the Council in each individual case.

††5A. (i) In the case of any candidate for a degree or diploma the Council, on the recommendation of the relevant Faculty or Board of Studies, may vary any maximum or minimum period of time prescribed in the Regulations relating to the course of study for that degree or diploma.

(ii) In the case of any candidate for a degree the Council, on the recommendation of the Matriculation Board, may vary any maximum period of time prescribed in Chapter IX of the Statutes.

‡‡6. In all cases where the passing of a Public Examination of this University is required by the Regulations, the passing of any other examination of this University which shall appear to the Council to be of at least equal value may be accepted instead thereof.

*7. Students from other Universities or Technical Schools who may desire that instruction received and examinations passed there be counted *pro tanto* for any course of study in this University, may be granted such exemption from the requirements of the Regulations of this University as the Council shall in each case consider just. Provided always that they shall give such evidence of their status and of good character as in the opinion of the Council shall be sufficient.

§ Allowed 12th August, 1915.

†† Allowed 28th July, 1959.

‡‡ Allowed 12th August, 1915.

* Allowed 10th December, 1919.

§8. In addition to all other fees payable every student taking a course for a Bachelor's degree or for a diploma shall, unless exempted by the Council, pay two annual fees as prescribed by the Council, namely, an annual fee for membership of the University Union and a general service fee.

§8A. The Council shall have power to reduce or to demit any fee payable by a student proceeding to a degree or a diploma for reasons that it deems adequate.

†9. A student, who, in the opinion of the Professor or Lecturer concerned, is unable to profit by a course of lectures, may be reported to the Faculty. The Faculty, after consideration of the student's record, shall furnish a report to the Council, who may thereupon require the student to withdraw for the remainder of the academic year from one, or in special cases from more than one, course of lectures, not necessarily including that for which he has been reported.

‡10. Annual Examinations in each Faculty shall be held at such times as may be prescribed by regulation, but special examinations may be allowed to any candidate if the Faculty concerned shall so decide and the Council approve. These examinations shall be held at such times and under such conditions as the Faculty may in each case determine with the approval of the Council.

§11. In all cases where the regulations affecting the degree of Master or Doctor in any Faculty have been or shall be repealed or altered, the Council may nevertheless allow a candidate, who has qualified under the regulations repealed or altered to proceed to that degree, to complete his qualification under the regulations so repealed or altered, provided that he complete his qualification for admission to the degree under those regulations within three years of the date of such repeal or alteration.

**12. (1) Notwithstanding the provisions of any other Statute or Regulation of the University, any undergraduate, graduate, or non-graduating student may be precluded in the manner herein provided from entering upon or proceeding with any course of study.

(2) If it appears to any Faculty or Board of Studies that it is not in the interests—

- (a) of the University, or
- (b) of other students thereof, or
- (c) of the public (having regard to any profession, avocation, or calling for which the student may be qualifying)—

that any student should be permitted to enter upon or proceed with any course of study under the control of that Faculty or Board it shall be lawful for the Faculty or Board to forward to the Council a recommendation to that effect, together with a statement of the grounds upon which the recommendation is made.

† Allowed 7th December, 1927.

‡ Allowed 18th October, 1956.

§ 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 Pharmacy;
- (ii) The Board of Studies in Physical Education;
- (iii) The Board of Studies in Social Studies;
- (iv) The Board of Studies in Physiotherapy;

and such other Boards of Studies as the Council may from time to time appoint.

*2. (a) Each Board of Studies except the Board of Social Studies shall consist of the Chancellor, the Vice-Chancellor, the professors and lecturers in control of subjects in the curriculum of the Board, and such other persons as the Council may from time to time appoint.

(b) The President and the Secretary of the Pharmaceutical Society of South Australia, Incorporated, and the President of the Pharmacy Board of South Australia shall be members of the Board of Studies in Pharmacy.

(c) The Board of Studies in Social Studies shall consist of the Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Dean of the Faculty of Arts; the full-time members of the staff of the Department of Social Studies; the Heads of the Departments of Economics, History, History and Political Science, and Psychology; the Heads of the other departments in control of academic subjects in the curriculum of the Board or their nominees; such other persons not exceeding five as the Council on the recommendation of the Board may appoint; such other persons being members of the academic staff of the University, not exceeding two, whom the Council on the recommendation of the Board may appoint; and such other persons being members of the Council, not exceeding two, as the Council may appoint.

* Amended 8th December, 1949, 22nd January, 1953, and 20th December, 1956.

3. Each Board of Studies shall advise the Council on all questions touching the studies, lectures and examinations in the curriculum of the Board.

†4. Each Board shall annually elect one of its members to be Chairman; except that one of the Professors of Chemistry shall be Chairman of the Board of Studies in Pharmacy.

5. The Chairman of each Board shall

- (i) at his own discretion, or on the request of the Chancellor or the Vice-Chancellor, or on the written request of two other members of the Board, convene meetings of the Board;
- (ii) preside at meetings of the Board;
- (iii) subject to the control of the Board, exercise a general control over its administrative business;
- (iv) perform such other duties as the Council shall from time to time prescribe.

6. Whenever the Chairman is absent from a meeting, the Board shall elect another member to preside during the Chairman's absence.

7. The Board of Examiners of each Board of Studies shall consist of the Professors and Lecturers in the subjects of the curriculum of the Board, together with such other examiners as may be appointed by the Council.

8. The qualifications prescribed for admission to the course for any diploma are set out in the regulations governing that diploma.

9. If in any academical year the number of qualified students who apply to begin a course of study for any diploma is in the opinion of the Board of Studies concerned greater than can be taught, the Council may thereupon select from such students by such method as the Council from time to time determines those who, in its opinion, should be entitled to begin the course of study for that diploma in that year.

† Amendment allowed 22nd December, 1955.

Allowed 11th December, 1947.

Chapter XXVIII.—Of The Joseph Fisher Medal of Commerce and The Joseph Fisher Lecture in Commerce.

Whereas on the 17th day of April, 1903, Joseph Fisher, Esquire, paid the sum of £1,000 to the University for the purpose of promoting with the income thereof, and the annual grant payable in respect thereof under the University Act, the study of Commerce in the University: It is hereby provided as follows:—

*1. There shall be a medal, to be called The Joseph Fisher Medal for Commerce, which shall be awarded annually in accordance with the following provisions:

- (a) Until the end of the year 1954, the medal shall be awarded to the candidate for the diploma in Commerce, who on completing the course for that diploma shall in the opinion of the examiners be the most distinguished academically and be deemed by them worthy of the award.

*Allowed 22nd January, 1953.

(b) As from January 1, 1955, the medal shall be awarded to the candidate who, having completed the course for the degree of Bachelor of Economics and having included in his curriculum for the degree four courses in Accountancy and Law, shall be deemed by the examiners to be academically the most distinguished eligible candidate in that year and worthy of the award.

*2. A candidate shall be eligible for the medal only if he complies with the following conditions:—

- (a) A candidate for the diploma in Commerce must have completed the course for the diploma within six years of his entering upon the course.
- (b) A candidate for the degree of Bachelor of Economics shall have completed the four courses in Accountancy and Law within six years of having enrolled for the first such course.
- (c) Except with the approval of the Faculty of Economics no candidate shall be eligible for the medal if he has received exemption from examination in any one or more of the four courses in Accountancy and Law concerned.

3. There shall also be established a lecture on a subject relating to Commerce, to be called The Joseph Fisher Lecture, and to be delivered in the University every alternate year, and subsequently published.

4. The lecturer shall be appointed from time to time by the Council of the University, and shall be paid by the University the sum of £10 10s.

5. The subject of the lecture shall from time to time be approved by the Council of the University.

6. Any surplus income from the said endowment of £1,000 and the annual grant payable in respect thereof under the University Act, after providing for the said medal, the payment of the said lecturer, and the publication of his lecture, shall be applied by the University in or towards payment of the salaries or remuneration of such of the professors, lecturers, and examiners engaged or to be engaged in the work of the commercial courses for the time being of the University, as the Council of the University shall determine.

7. The Statutes contained in this chapter shall not be altered during the lifetime of the said Joseph Fisher, without his written consent.

* Allowed 22nd January, 1953.

Allowed 12th August, 1903.

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

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

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

*2. The Council of the University, on the recommendation of the Faculty of Agricultural Science, may exempt students who have

* Allowed 3rd January, 1929.

attended courses of instruction and passed examinations of the said College from attendance at lectures, and from examinations, in the corresponding subjects of the course for the degree of Bachelor of Agricultural Science.

Allowed 7th December, 1905.

Chapter XXX.—Of The Tinline Scholarship.

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

1. The Tinline Scholarship shall be available for award every year.
2. Subject to the provisions of clauses 6 and 7, the scholarship shall be awarded each year to the candidate placed highest in the final examination for the honours degree of Bachelor of Arts in the School of Political Science and History. If any candidate who has been awarded the scholarship decline it, the scholarship shall then be awarded to the candidate placed next in order of merit in the examination referred to above.
3. If in any year there be no award of the scholarship under clause 2, the scholarship for that year may be awarded to a candidate who in that year has obtained honours in the final examination for the honours degree of Bachelor of Arts in a combined school which included work in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute.
4. If in any year there be no award of the scholarship under clauses 2 and 3 the scholarship for that year may be awarded to a candidate who has qualified to enter upon the final year's work for the Honours degree of Bachelor of Arts in the School of Political Science and History. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have passed the final examination for the Honours degree of Bachelor of Arts in the School of Political Science and History.
5. If in any year there be no award of the scholarship under clauses 2, 3 and 4, the scholarship for that year may be awarded to a candidate for the Ordinary degree of Bachelor of Arts who has completed at least three courses in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute and of regulation 2 of the degree of Master of Arts. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have complied with the requirements of regulation 2 of the degree of Master of Arts.
6. The scholarship shall not be awarded to the same person more than once.
7. If in any year there be no candidate of sufficient merit, no award shall be made for that year; but there shall not, by reason of such lapse, be more than one award in the following year.

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

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

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

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

Allowed 5th December, 1940.

Chapter XXXI.—Of the David Murray Scholarships.

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

1. The scholarships shall be called the David Murray Scholarships.
2. The purpose of the scholarships shall be to encourage advanced work and original investigation.
3. The sum of £25 may be awarded in each year by the Faculty of Arts, and by the Faculty of Laws, and in alternate years by the Faculty of Science and by the Faculty of Medicine.
4. The scholarships shall be awarded in accordance with conditions prepared by each Faculty and approved by the Council.

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

* Allowed 7th December, 1927.

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

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

Allowed 13th January, 1908.

Chapter XXXII.—Infectious Diseases.

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

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

Allowed 24th August, 1910.

Chapter XXXIII.—The Lowrie Scholarships.

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

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

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

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

4. The Faculty, may, as an alternative, recommend that the then present holder shall receive another scholarship for the year following,

or may, at its discretion, make no recommendation at all. In the latter case the scholarship shall lapse for a year, and the income for that year be added to the scholarship fund.

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

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

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

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

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

Allowed 10th August, 1916.

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

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

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

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

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

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

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

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

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

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

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

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

• Allowed 30th November, 1933.

Allowed 17th December, 1931.

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

Whereas Ellen Milne Bunday has paid to the University the sum of £200 for the purpose of founding with the income thereof an annual prize in memory of her parents, the late Sir Henry and Lady Bunday, to be called The Bunday Prize for English Verse:

Now it is hereby provided as follows:—

*A prize to the value of ten pounds, called The Bunday Prize for English Verse, shall be awarded in April of each year to the person who, in the opinion of the Professors of English Language and Literature and of Classics and such other examiners as the Faculty may appoint, shall have written the best poem or poems, under conditions prescribed by the Faculty of Arts in June of each year; provided that, if the examiners shall not consider any candidate worthy to receive the prize, it shall lapse for that year.

The competition for the prize is open to Australian-born graduates and undergraduates of the University of Adelaide, provided they have entered on their studies at the University not more than six years prior to the date fixed for sending in poems.

• Allowed 6th December, 1923, and amended 15th December, 1937.

Each poem must be accompanied with the name of the author in full and be delivered at the office of the Registrar of the University not later than the 31st of March. The prize shall be received by the successful candidate on 1st of June following.

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

†Copies of all poems presented shall be retained, and a copy of the successful poem shall be deposited in the Library.

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

† Allowed 9th August, 1922.

Allowed 7th August, 1913.

Chapter XXXVI.—Of the John Creswell Scholarships.

Whereas the sum of £1,300 has been subscribed and paid to the University for the purpose of founding with the income thereof scholarships in memory of the late John Creswell: Now it is hereby provided as follows:—

*1. Three scholarships, to be called the John Creswell Scholarships, shall, subject to the conditions hereinafter set forth, be awarded in each year:—One by the South Australian Cricket Association (hereinafter called “the said Association”), one by the Royal Agricultural and Horticultural Society of South Australia, Incorporated (hereinafter called “the said Society”), and one by the Council of the University (hereinafter called “the Council”).

†2. The scholarships to be awarded by the said Association and the said Society respectively shall be awarded annually to candidates who—

- (a) have qualified for matriculation in the Faculty of Economics,
- (b) are under the age of nineteen years on the first day of March in the year in which the award is made, and
- (c) are deemed by the said Association and the said Society respectively worthy to receive the scholarships.

†3. The scholarships to be awarded by the Council shall be awarded annually to students who—

- (a) have qualified for matriculation in the Faculty of Economics,
- (b) are under the age of nineteen years on the first day of March in the year in which the award is made, and
- (c) are recommended to the Council by the Public Examinations Board as being worthy to receive the scholarships.

†4. The value of each scholarship shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the scholar may include in his curriculum for the degree of Bachelor of Economics provided that the scholarship shall not be tenable for more than six years.

†5. Except by permission of the Council, each scholar shall enter forthwith upon the course for the degree of Bachelor of Economics and shall prosecute his studies continuously and with diligence. The scholarship shall be forfeited if the holder thereof fails to observe any of these requirements, unless such failure shall, in the opinion of the Council, have been the result of ill-health or other reasonable cause;

† Allowed 22nd January, 1953

*Allowed 3rd January, 1929.

provided, however, that failure to pass in any examination shall not of necessity be sufficient cause for forfeiture. The decision of the Council as to the forfeiture of a scholarship shall be final.

†6. If a scholarship be forfeited, or lapses or becomes vacant before the holder has completed his course for the degree of Bachelor of Economics, the scholarship shall not be re-awarded.

7. No student shall hold one of the said scholarships concurrently with any other scholarship tenable at the University.

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

† Allowed 22nd January, 1953.

Allowed 24th December, 1913.

Chapter XXXVII.—Of The Alexander Clark Memorial Prize.

Whereas the sum of £255 has been paid to the University by various subscribers for the purpose of founding a prize in memory of the late Inspector Alexander Clark, it is hereby provided that —

1. The prize shall be called The Alexander Clark Memorial Prize.
2. Candidates for the prize may present themselves in any one of the following Principal Subjects, viz., Pianoforte, Violin, Organ, Violoncello, or Singing, and they shall undergo such examination as the Council may from time to time direct. An examination fee of one guinea† shall be paid by each candidate.

*3. The limits of age for candidates shall be as follows:

For Singing, not less than 16, nor more than 24 years

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held; and all candidates must have regularly attended a school under the Education Department of South Australia for at least two years.

No candidate who holds, or who has held, a scholarship or prize tenable for three years at the Elder Conservatorium for any of the above subjects shall be eligible to compete in the same subject for this prize.

†3A. The prize shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

††4. If, in the opinion of the examiners, no candidate at any examination shows sufficient merit, the prize shall lapse for one year, after which it shall be offered again. If the prize so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition, for one year, equal to the annual value of the prize, to a student of the Elder Conservatorium of outstanding merit.

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

†† Allowed 25th August, 1955.

† Allowed 18th October, 1956.

† Allowed 16th December, 1948.

5. The prize shall, for the present, be of the annual value of £12 10s. tenable for three years, subject to the provisions contained in Clause 7. The holder shall be required to study at the Elder Conservatorium the principal subject for which the prize shall have been awarded, together with such secondary subjects as may be approved by the Director, and shall pay the proper fees. Scholars taking Violin as the Principal Subject of study shall, unless exempted by the Director, also study the Viola.

*6. Payment of the prize shall be made in three equal instalments in each year, one at the beginning of each term.

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

†7A. The prizeman shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

††8. Repealed.

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

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

** Allowed 10th December, 1925.

† Allowed 16th December, 1948.

†† Repealed 25th August, 1955.

* Amended 15th January, 1959.

Allowed 13th December, 1917.

Chapter XXXVIII.—Of The Lister Prize.

Whereas the sum of £100 has been paid to the University by an anonymous donor for the purpose of founding a prize in memory of the late Lord Lister, it is hereby provided that:

1. The prize shall be called The Lister Prize.

2. It shall consist, until otherwise determined, of a bronze medal and the sum of £3 10s.

*3. The prize shall be available for award annually to the candidate placed first in the Interim Examination in Clinical Surgery held during the fifth year of the medical course. If in the opinion of the examiners the candidate is not of sufficient merit no award of the prize shall be made in that year.

* Allowed 17th January, 1952.

4. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine, and shall hold the examination at the end of the first clinical term. The marks awarded shall be taken into consideration in determining whether an undergraduate is entitled to a certificate signed by his honorary officers.

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

6. These Statutes may be varied by the Council from time to time, but the title and general purpose of the prize shall not be altered.

† Amended 9th January, 1958.

Allowed 30th November, 1933.

Chapter XXXIX.—Of The John Lorenzo Young Scholarship and The John L. Young Scholarship for Research.

Whereas the late John Harvey Finlayson bequeathed the sum of £200 to the University for the purpose of founding a scholarship in Political Economy or some cognate subject in memory of the late John Lorenzo Young: And whereas further to perpetuate the memory of the said John Lorenzo Young, some of his old pupils paid to the University a further sum of one thousand pounds for the purpose of promoting with the income thereof original research in any department of knowledge; Now it is hereby provided as follows:

A. The John Lorenzo Young Scholarship.

1. The said sum of £200, together with such additions as have already accrued or may accrue under Clause 4 below, shall constitute the foundation fund of a scholarship which shall (a) be called the John Lorenzo Young Scholarship; and (b) be awarded for research in Political Economy or some cognate subject.

2. Until otherwise determined by the Council the value of the scholarship shall be £15 and shall be paid in one sum when the award is made.

3. The scholarship shall be offered for award annually and subject to Clause 4 below shall be awarded to the author of the report on a research project which in the opinion of the examiners is the best such report submitted in that year by a final-year candidate for the Honours degree of Bachelor of Economics.

4. If in the opinion of the examiners no report of sufficient merit be submitted in any year no award for that year shall be made and the value of the scholarship shall be added to the foundation fund referred to in Clause 1 above.

5. The foregoing clauses may be varied from time to time in any manner not inconsistent with the will of the above-named John Harvey Finlayson.

Allowed 17th December, 1959.

B. The John L. Young Scholarship for Research.

13. The said sum of £700*, and any additions thereto that may hereafter be made, shall be invested, and shall be called The John L. Young Fund for Research.

14. A scholarship is hereby established, to be called The John L. Young Scholarship for Research.

15. The scholarship shall be awarded for research work in any branch of knowledge, but no award shall be made unless, in the opinion of the Council, there is a candidate of sufficient merit.

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

17. Applications for the scholarship must be lodged with the Registrar not later than the 1st November of each year or such other date as the Council may appoint. Each candidate must specify the particular research work he proposes to undertake.

18. The Council may arrange a rotation of Faculties in which the scholarship will be awarded, but may disregard such rotation in favour of a candidate of outstanding merit.

19. The Faculties shall recommend the candidate in their respective departments whom they deem most worthy of the scholarship, and the final selection shall be made by the Council.

20. The award shall be made annually in the month of December of each year, or so soon thereafter as may be found convenient.

21. The Council may from time to time make grants out of the income of the fund to assist members or students of the University engaged in research work; but such grants shall not confer upon the recipients the right to be styled John L. Young Scholars.

22. Subject to any such grants, the whole income of the fund for the year preceding the award shall be paid to the scholar in two instalments, one as soon as conveniently may be after his election, and the other on the receipt of a satisfactory report of progress from the Dean of his Faculty or some other person nominated by the Council, but not earlier than six calendar months after his election.

23. The scholarship may be held in conjunction with any other scholarship or prize at the University, and may be awarded more than once to the same candidate.

24. If the scholarship be not awarded in any year, the income which would be otherwise payable to the scholar shall, in the discretion of the Council, subject to the power of making grants from it for research work, be added either to the corpus of the fund or to the income available when the scholarship is next awarded, or partly to corpus and partly to income.

25. These Statutes may be varied from time to time in any manner not inconsistent with the objects for which the fund was subscribed.

* This endowment was increased in 1921 to £1,000.
Allowed 10th December, 1915.

Chapter XL.—Of the Dr. Chas. Gosse Lectureship and Medal in Ophthalmology.

Whereas the sum of £1,125 has been subscribed and paid to the University for the purpose of founding with the income thereof a Lectureship and Medal in Ophthalmology in memory of the late Dr. Charles Gosse: Now it is hereby provided as follows:—

1. The Lecturer in Ophthalmology in the Medical School of the University shall be called the Dr. Charles Gosse Lecturer on Ophthalmology.

*2. There shall be a bronze medal to be called the Dr. Charles Gosse Medal, which shall be awarded annually to the best candidate in the subject of Ophthalmology, provided that he shall pass with credit in that subject, and that, in the opinion of the examiners, he shall be considered worthy of the award.

Only those candidates who have passed in all the subjects of the final examination shall be eligible for the medal.

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

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

Allowed 30th November, 1916.

Chapter XLI.—Of the Eugene Alderman Scholarships.

Whereas the sum of £740 has been raised by public subscription and has been paid to the University for the purpose of founding scholarships in memory of the late Eugene Alderman, a teacher of Violin in the Elder Conservatorium: it is hereby provided that —

1. Two scholarships, which shall be called Eugene Alderman Scholarships, shall be offered for competition among students of music who are natural-born British subjects and have been resident in the State of South Australia for three years prior to the date of entry.

2. Each scholarship shall be of the annual value of £18 10s., and shall be tenable for three years subject to the provisions contained in clause 6. Each holder of a scholarship shall be required to study in the Elder Conservatorium the principal subject for which the scholarship has been awarded to him, together with such secondary subjects as may be approved by the Director. He shall also pay the proper fees.

*3. One scholarship shall be awarded for the Violin; the other shall be awarded for any one of the following subjects, namely, Violin, Violoncello, Pianoforte, Organ, or Singing; but in case of equality of merit a violin candidate shall have the preference. Each candidate shall pay an examination fee of one guinea and shall undergo such examination as the Council may direct.

* Allowed 10th December, 1919, and amended 18th October, 1956.

**4. The limits of age for candidates shall be as follows:

For Singing, not less than 16, nor more than 24 years

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held.

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

‡4A. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

‡‡5. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit. In the case of the lapse of the scholarship for violin, the exhibitor, if any, shall be a student in string playing; in the case of the lapse of the other scholarship, the exhibitor, if any, shall be a student in any of the subjects of that scholarship.

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

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

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

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

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

† Allowed 10th December, 1925.

‡ Allowed 16th December, 1948.

• Amended 15th January, 1959.

•• Allowed 30th November, 1933.

‡‡ Allowed 25th August, 1955.

Allowed 11th April, 1918.

Chapter XLII.—Of the A. M. Simpson Library in Aeronautics.

Whereas Mrs. A. M. Simpson has paid to the University the sum of five hundred pounds for the purpose of founding a library in aeronautics in memory of her late husband, Alfred Muller Simpson:—

It is hereby provided that:—

1. The Library shall be called the A. M. Simpson Library in Aeronautics in memory of her late husband, Alfred Muller Simpson:—

2. Interest on the endowment at the rate of five per centum per annum shall be annually set aside for the purchase of books on Aeronautics.

3. The books shall be available for study to all persons on the same conditions as other books in the University Library.

4. This Statute may be varied from time to time but the title and the purpose of the endowment shall not be changed.

Allowed 5th December, 1918.

Chapter XLIII.—Of the Ernest Ayers Scholarships in Botany or Forestry.

*Whereas the late Ellen Milne Bunday, Mus. Bac., has bequeathed the sum of £1,236 to the University for the purpose of founding a scholarship or scholarships for the encouragement of original research in Botany or Forestry, such scholarship or scholarships to be called The Ernest Ayers Scholarship or Scholarships:

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

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

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

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

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

6. The subject of research suggested by the scholar, or some other subject, having been approved by the Council on the recommendation of the Faculty of Science, the scholar shall diligently devote his whole time to the research, beginning not later than the 1st day of April

* Allowed 6th December, 1922.

† Allowed 10th December, 1925.

following the award. He shall present a report of his work to the Council not later than the 30th November following, or such later date as the Council may allow. During this period the scholar shall not engage in any salaried work without having previously obtained the consent of the Council.

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

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

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

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

‡ Allowed 30th November, 1933.

† Allowed 10th December, 1925.

* Allowed 6th December, 1922.

Allowed 10th December, 1919.

Chapter XLIV.—Of the Animal Products Research Foundation.

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

It is hereby provided that —

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

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

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

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

Chapter XLV.—Of the Barr Smith Library.

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

It is hereby provided that —

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

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

Allowed 9th December, 1920.

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

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

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

*2. The value of the bursary shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the bursar may include in his curriculum for the degree of Bachelor of Economics.

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

*4. Save by permission of the Council of the University, the bursar shall not retain the bursary for more than six years.

5. The Society may at any time, with the permission of the Council, substitute another student for the then holder of the bursary, and the privileges of the then holder shall thereupon be at an end.

6. This Statute may be varied from time to time, but the title of the bursary shall not be changed.

* Allowed 22nd January, 1953.

Allowed 6th December, 1923.

Chapter XLVII.—Of the Elizabeth Jackson Library.

Whereas the sum of £750 (of which £650 was raised by public subscription and £100 was given by the Old Scholars' Association of the Methodist Ladies' College, Adelaide) has been paid to the University for the purpose of founding a special library for the study of psychology in memory of the late Sarah Elizabeth Jackson, M.A., formerly tutor in philosophy in this University:

It is hereby provided that —

1. The library shall be called The Elizabeth Jackson Library.

2. The interest on the endowment at the rate of five per cent. per annum shall be annually set aside for the purchase of books and

apparatus for the study of psychology, especially the psychology of abnormal children.

3. The books shall be available to all persons on the same conditions as other books in the University library.

4. This Statute may be varied from time to time, but the title and the purposes of the endowment shall not be changed.

Allowed 11th December, 1924.

Chapter XLVIII.—Of St. Mark's College, Incorporated.

Whereas application has been made by the governing body of St. Mark's College, Incorporated, for affiliation to the University:

It is hereby provided that —

St. Mark's College, Incorporated, is hereby affiliated to the University of Adelaide as a College for men students who have matriculated at the University, or have been admitted *ad eundem statum* therein; provided that in special cases the College may admit students engaged in full Diploma courses approved by the University, or, for a period not exceeding twelve months, other unmatriculated students.

Allowed 7th December, 1927.

Note.—The College was first affiliated in 1924 and was opened for the residence of students in March, 1925.

Chapter XLIX.—Of the Appointments Board.

1. The Council shall create a Board, to be called the Appointments Board, to assist undergraduates of at least two years' standing, holders of diplomas, and graduates to obtain appointments. The Board may also deal with such other matters as the Council may refer to it.

2. The Board shall elect annually a Chairman, and shall appoint a Secretary from time to time.

3. It shall be the duty of the Board to keep a register of those desiring employment and of employers who may be willing to give such employment, and the Board shall take such steps as may seem advisable in the interests of both classes.

4. The Board shall have power to make such rules and to charge such fees as may be approved from time to time by the Council.

Allowed 10th December, 1925.

Chapter L.—Of The Thornber Bursary.

Whereas the old scholars of the Unley Park School have subscribed the sum of £450 for the purpose of founding a bursary in memory of the late Catherine Maria Thornber, formerly principal of that school; it is hereby provided as follows:

1. A bursary for women students, to be called The Thornber Bursary, shall be offered for award annually by the University.

2. The bursary shall be tenable for one year, shall be of the value of £22, and shall be awarded to the candidate who secures at the Leaving Examination the highest aggregate of marks in six subjects

which must include English, a language other than English, and a subject in Mathematics or the natural sciences. All subjects shall count as of equal value, and no award shall be made unless there is a candidate of sufficient merit.

3. Candidates for the Bursary must have received at least three years of their secondary education (including the year of competition for the Bursary) at one of the following schools in South Australia: Girton, Methodist Ladies' College, Presbyterian Girls' College, St. Peter's Girls' School, Walford Church of England Girls' Grammar School, Wilderness School, Woodlands Church of England Girls' Grammar School.

4. The successful candidate must have satisfied the requirements for entrance upon the degree course which she proposes to take at the University, and provided that she is at least seventeen years of age shall enter upon her course at the University as soon as possible after the award unless the University allow a delay for such reason and for such period as it may approve.

5. Payment of the bursary shall be made in three equal instalments, one at the beginning of each term of the year of tenure; provided that the second and third payments shall be subject to the bursar's work during the preceding term being satisfactory to the Dean of the Faculty concerned.

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

Allowed 20th December, 1956.

Note.—Candidates who desire to compete for the bursary and are eligible to do so must give notice on the proper form when they enter for the Leaving Examination. The form and full particulars may be obtained from the Secretary of the Public Examinations Board at the University.

Chapter LII.—Of The Bonython Prize.

In consideration of the endowment by the Hon. Sir John Langdon Bonython, K.C.M.G., of the Chair of Law at the University of Adelaide, and in order better to perpetuate his memory, as well as to encourage original contributions to the Science of Law, the Council of the University of Adelaide has decided to found a prize not exceeding the value of £100, to be awarded on the following conditions:—

1. The prize shall be called The Bonython Prize.

2. The prize shall be awarded by the Council to such candidate as in the opinion of the Faculty of Law shall have written the best original thesis on any legal subject approved by the Faculty and the Council, which thesis is in the opinion of the examiners of sufficient merit.

3. The prize may be awarded to the author of any book on any legal subject published prior to and within 18 months of the last day for the submitting of theses, provided that the other conditions of the prize have been fulfilled.

4. Where, in the opinion of the examiners, two or more theses shall be considered of equal merit, the prize shall be awarded to the thesis the subject-matter of which is deemed by the examiners to be of greater interest or utility from the point of view of the Law of the Commonwealth or of South Australia.

5. No thesis submitted for competition shall have been previously submitted for any competition or prize at the University of Adelaide or elsewhere.

6. Candidates must either have graduated by examination in Law at the University of Adelaide, or having been resident in South Australia at least two years immediately preceding the last day for submitting the thesis, have been admitted *ad eundem* to a degree in Law in this University.

7. If any thesis be considered by the examiners sufficiently meritorious to qualify for the prize but inferior to another thesis submitted at the same competition, the former thesis may be resubmitted (subject to Clause 3 hereof) at a subsequent competition, but may be then awarded the prize only if no other thesis of sufficient merit to qualify for the prize is submitted for the first time at such subsequent competition.

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

9. A typewritten or printed copy of the successful thesis shall be deposited by the candidate in the Library of the University, but shall be made available to the candidate for a period of one month, or for such further period as the Faculty may allow if he wishes to publish the same. In case of publication the University shall have no rights in respect of the thesis so published, but a printed copy shall be presented by the candidate to the Council of the University.

10. Theses shall be submitted not later than the first day of July in any year.

Allowed 3rd January, 1929.

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

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

1. The said sum of £320, and any additions thereto that may hereafter be made, shall be invested and shall be called The Rennie Research Fund. With the income thereof a scholarship shall be established and called The Rennie Scholarship for Research in Chemistry.

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

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

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

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

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

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

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

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

Allowed 10th December 1930.

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

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

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

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

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

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

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

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

* Allowed 22nd January, 1953.

the University. If the Council decides that the biography shall not be so published, the copyright therein shall be the property of the writer. If the Council decides that the biography shall be so published, the copyright therein shall be the property of the University until the Council shall decide otherwise; and the biography shall be published by the University as soon as possible.

7. This Statute may be varied from time to time, but the title and the purposes of the endowment shall not be changed.

Allowed 8th December, 1938.

Chapter LVI.—Of The Archibald Watson Prize.

Whereas the sum of £170 has been paid to the University by the former pupils of Archibald Watson, Emeritus Professor of Anatomy, for the purpose of founding a prize in his honour, it is hereby provided as follows:

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

2. The prize shall consist of a printed reproduction of the portrait of Archibald Watson and the sum of six guineas.

*3. The prize shall be available for award annually to the candidate who shows the greatest merit in Surgical Anatomy at the November examination in the Science and Art of Surgery in the sixth year of the medical course and at such additional examination, if any, in surgical anatomy as the examiners may from time to time require.

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

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

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

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

* Allowed 17th January, 1952.

Allowed 10th December, 1936.

Chapter LVII.—Of the Affiliation of the South Australian Institute of Technology.

The University and the South Australian Institute of Technology having agreed to the establishment of a Faculty of Technology in the University to administer courses of study provided by the South Australian Institute of Technology, approved by the Councils of the Institute and of the University, and leading to the degree of Bachelor of Technology in the University, the Institute is hereby affiliated to the University to the extent following:

(a) The University will admit to the degree of Bachelor of Technology a matriculated student who under the supervision of the Faculty of Technology has complied in all respects with the Regulations and Schedules of the degree of Bachelor of Technology.

(b) The University may grant such credit in other courses for work done in the Institute as the University shall in each case determine.

Awaiting allowance at time of printing.

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

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

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

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

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

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

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

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

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

8. The scholar must present himself for a higher examination in obstetrics, such examination being either the examination for membership of the College of Obstetricians and Gynaecologists of London or such other examination as may be approved by the Council.

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

† Increased to £2,500 in 1955.

• Allowed 7th December, 1939.

Allowed 15th December, 1937.

Chapter LIX.—Of the R. W. Bennett Prizes and Medal.

Whereas the late Richard William Bennett, K.C., LL.B., bequeathed the sum of £500 to the University for the purpose of establishing prizes and a medal for students in the Faculty of Law, it is hereby provided as follows:

1. There shall be annual prizes to be called the R. W. Bennett Prizes.

2. Each of such prizes shall consist of the sum of £8, or (at the option of the prizeman) of books to be selected by him of that value.

†3. One of such prizes may be awarded to any candidate for the degree of Bachelor of Laws who at any November examination is placed highest and passes with Distinction in one of the subjects prescribed for the Final Certificate in Law, and whose paper in the opinion of the Board of Examiners is of exceptional merit.

4. Not more than two such prizes may be awarded in any one year.

5. No candidate shall be awarded more than one such prize in any one year.

6. A candidate who is awarded three such prizes shall receive a bronze medal and shall be styled R. W. Bennett Scholar.

† Amendment allowed 22nd December, 1955.

Allowed 15th December, 1937.

Chapter LX.—Of The Sir Robert Chapman Prize.

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

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

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

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

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

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

* Allowed 25th August, 1955.

Allowed 15th December, 1937.

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

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

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

Allowed 16th December, 1948.

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

Chapter LXII.—Of The Anna Florence Booth Prize.

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

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

†2. The Council shall award the prize on the recommendation of the Head of the Department of Psychology.

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

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

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

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

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

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

**Subsequently increased by capitalisation of accumulated income to £750.

* Allowed 11th November, 1954, amended 15th January, 1959.

† Amended 15th January, 1959. Allowed 5th December, 1940.

Chapter LXIII.—Of the William Gardner Scholarship and the William Gardner Prize.

Whereas the late Louise Gardner has bequeathed to the University the sum of £1,500 for the purpose of founding a scholarship in Surgery, and whereas the capital sum was increased on 31st December, 1953, to £2,042, it is hereby provided that:

1. There shall be a scholarship to be called the William Gardner Scholarship and a prize to be called the William Gardner Prize, each of which shall be offered for competition annually.

2. Only a student who, being neither a graduate in medicine or surgery of any other medical school nor a person who has been registered as a medical practitioner in South Australia or elsewhere, has completed the whole of the last three years of the medical course in the University of Adelaide and has passed the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year, shall be eligible to receive either the scholarship or the prize or both.

THE WILLIAM GARDNER SCHOLARSHIP.

3. The Scholarship shall be of the value of £45, and shall be paid to the scholar in one sum.

4. The Scholarship shall be awarded to the student who has been placed highest amongst such eligible candidates in Surgery at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year; provided that an award shall be made only if the successful candidate passes at the same time in all other subjects of the whole examination and obtains in Surgery marks at least equal to the minimum standard required for a pass with credit in the whole examination.

THE WILLIAM GARDNER PRIZE.

5. The prize shall be of the value of the total income, less the sum of £45, derived in that year from the capital sum and shall be paid to the scholar in one sum.

6. The prize shall be awarded to the eligible student who (a) has obtained at the final examination marks in Surgery at least equal to the minimum standard required for a pass with credit in the whole examination, and (b) has obtained the highest aggregate marks in the remaining subjects of the examination.

7. If in any year either the scholarship or the prize or both be not awarded the amount of the award or awards for that year shall be added to the capital of the fund and invested for the purpose of the bequest.

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

Allowed 25th August, 1955.

Chapter LXIV.—Of The Shorney Medal and the Shorney Prize.

Whereas the late Mabel Shorney has on behalf of her family bequeathed to the University the sum of £1,000 for the purpose of perpetuating within the Medical School the memory of her late brother Herbert Frank Shorney, M.D., F.R.C.S., Lecturer in Ophthalmology from 1926 to 1933, it is hereby provided as follows:

THE SHORNEY MEDAL.

1. A bronze medal, to be called The Shorney Medal, shall be awarded to the best candidate in the subject of The Diseases of the Ear, Nose and Throat at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided that the candidate attains in that subject a standard at least equivalent to that required for a pass with credit in the whole examination, and that in the opinion of the examiners he is worthy of the award.

2. Only those candidates who pass in all the subjects of the final examination at the one examination shall be eligible for the medal.

THE SHORNEY PRIZE.

*3. A postgraduate prize, to be called The Shorney Prize, of the value of £100, shall be awarded to the candidate who in the opinion of the examiners has made the most substantial contribution to knowledge in the subjects of Ophthalmology or of Diseases of the Ear, Nose and Throat. The prize shall be offered alternately for work in Ophthalmology and in Diseases of the Ear, Nose and Throat.

4. The recipient must be a graduate of an Australian University.

†5. The material submitted for the prize may be either a thesis or published work in medical or scientific literature, provided that it shall not have been submitted for examination for a degree, or published, more than five years prior to the closing date of entries for the prize.

6. Each candidate must declare that the work described is his own.

7. The prize shall be offered for competition from time to time as the accumulations of the fund permit.

8. The prize shall be offered at least twelve months before the last day for the receipt of applications.

9. The prize shall not be awarded on any occasion unless in the opinion of the examiners the material submitted is of sufficient merit.

10. This statute may be altered from time to time but the title and purpose of the endowment shall not be changed.

* Amended 14th December, 1950. † Amended 28th July, 1959.
Allowed 10th December, 1942.

Chapter LXV.—Of The James Barrans Scholarship.

Whereas the late Sarah Barrans has bequeathed to the University the sum of £3,000 for the purpose of founding a scholarship in geological or metallurgical science in memory of her brother, the late James Barrans, it is hereby provided as follows:

1. There shall be a scholarship to be called The James Barrans Scholarship, which shall be offered for competition annually.

2. The scholarship shall be awarded by the Council on the recommendation of the Faculties of Science and of Engineering.

3. The value of each scholarship shall be £90.

4. A candidate for the scholarship shall either (a) be a graduate of not more than three years' standing, or be qualified to graduate, in Science with Geology as a principal subject of his course, or (b) be a graduate of not more than three years' standing, or have passed all the examinations necessary for graduating, in Engineering, in the Department of Metallurgy.

5. Applications for the scholarship must be lodged with the Registrar not later than the first day of November of each year, or such other date as in special circumstances the Council may fix. Each candidate must give particulars of his undergraduate record and specify the advanced study or the research work that he proposes to undertake.

6. Preference in the selection of the scholar will be given in alternate years to candidates in Science and Engineering respectively; but if in any year there be no candidate of sufficient merit from the group to which preference is to be given in that year, the scholarship may be awarded to a candidate of sufficient merit from the other group.

7. Subject to the provisions of Clause 8 the scholar shall, at the beginning of the next academic year following the award, enter upon such further study and research in geological or metallurgical science as may be approved by the Council, and on completion of such work shall present a report on his studies or a thesis embodying the results of his investigations, or both.

8. For a reason satisfactory to the Council a scholar may be permitted to postpone entering upon his further study or research for a period to be specified in each case.

9. Payment of the scholarship shall be made in three equal instalments as follows: one at the beginning of the academic term in which the scholar begins his work; the second on receipt of a report of the scholar's satisfactory progress in his studies or research, but not earlier than four months after the date of payment of the first instalment; and the third when the scholar has submitted a satisfactory report as required under Clause 7.

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

11. If, in the opinion of the Faculties of Science and of Engineering, no candidate is of sufficient merit, the scholarship for that year shall lapse, and an additional scholarship may be awarded in a subsequent year in which there are two or more candidates of sufficient merit.

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

Allowed 9th August, 1945.

Chapter LXVI.—Of Aquinas College, Incorporated.

Whereas a residential college in connection with the Roman Catholic Church for students of the University to be known as Aquinas College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University of Adelaide, it is hereby provided that:

Aquinas College, Incorporated, shall be affiliated to the University of Adelaide as a residential college in connection with the Roman Catholic Church for students of the University, provided that the College shall not be open for residence of students until such time as the Council of the University shall approve.

Allowed 23rd January, 1947.

Chapter LXVII.—Of The Angas Parsons Prize.

Whereas the late the Honourable Sir Herbert Angas Parsons, K.B.E., LL.B., from 1921 until his retirement in 1945 one of His Majesty's Judges of the Supreme Court of South Australia, a graduate of the University, a member of the Council from 1915, Warden of the Senate from 1927 and Vice-Chancellor from 1942 until his death in 1945, has bequeathed to the University the sum of £1,000†:

It is hereby provided as follows:

1. In commemoration of Sir Angas Parsons' services to the University, and in order to encourage the advanced study of Law, there shall be a prize to be called The Angas Parsons Prize.

2. The prize shall be of the value of £50, and shall be available for award annually.

*3. Provided that, in the opinion of the examiners, there is a candidate of sufficient merit, the Prize shall be awarded to the candidate who is considered by the examiners to be the most meritorious of those qualifying for the Honours Degree of Bachelor of Laws.

† Reduced by succession duty to £900.
* Amendment allowed 22nd December, 1955.
Allowed 10th July, 1947.

Chapter LXVIII.—Of The Lucy Josephine Bagot Prize.

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

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

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

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

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

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

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

Allowed 10th July, 1947.

Chapter LXIX.—Of the Selborne Moutray Russell Scholarships.

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

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

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

*3. The annual value of each scholarship shall be £16/16/0 and shall be applied towards tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

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

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

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

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

6. Every candidate shall pay an examination fee of one guinea† and shall undergo such examination as the Council may direct.

*7. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in the subject for which the scholarship would have been awarded.

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

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

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

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

† 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 annual value of the scholarship shall be £33/12/0 and shall be applied towards the payment of fees for one hour's tuition a week in the playing of the viola and tuition in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between the value of the scholarship and the fees for tuition approved by the Director of the Elder Conservatorium.

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

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

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

6. Every candidate shall pay an examination fee of one guinea† and shall undergo such examination as the Council may direct.

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

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

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

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

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

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

Allowed 16th December, 1948.

Chapter LXXI.—Of the Anders and Reimers Scholarships.

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

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

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

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

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

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

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

6. Every candidate shall pay an examination fee of one guinea† and shall undergo such examination as the Council may direct.

*7. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in string playing.

8. Except by special permission of the Director of the Elder Conservatorium, the holder of either scholarship shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course, he shall be

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

‡ Amended 15th January, 1959.

required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

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

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

Allowed 16th December, 1948.

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

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

1. A prize of the value of £15 or such other sum as the Council shall from time to time determine to be called The Sir Archibald Strong Memorial Prize for Literature shall be offered for competition annually.

2. All matriculated or graduate students taking the course in English II in any year shall be eligible to compete for the prize in that year.

3. Provided that there is a candidate of sufficient merit the prize shall be awarded after consideration of each candidate's work, including the final examinations, in English II and of an original essay or poem submitted by him not later than November 20 in the year concerned; the subject of such original essay or poem to have been approved in advance by the Jury Professor of English Language and Literature and the essay or poem not to comprise part of the candidate's prescribed curriculum for the course in English II.

Allowed 22nd December, 1955.

Chapter LXXIII.—Of the J. E. Jenkins Scholarships.

Whereas the late John Evan Jenkins has bequeathed to the University a portion of his estate for the purpose of founding a scholarship or scholarships in the University of Adelaide, preferably in the agricultural, domestic and social sciences to promote the common benefit of the metropolitan and rural sections of the community, it is hereby provided that:

1. There shall be two scholarships, to be known as the J. E. Jenkins Scholarships, each of such annual value as the Council shall determine from time to time.

2. One such scholarship shall be tenable by a man and the other by a woman in accordance with the provisions of this Statute.

*2A. Awards shall be made by the Council on the recommendation of a Committee appointed by the Council from time to time; and in recommending awards the Committee shall take into consideration, in addition to the academic records of the candidates, such other qualities and qualifications of candidates as it may deem appropriate to the general purposes of the scholarships as set out and expressed in the testator's memorandum dated June 3, 1941.

3. During each academic year of tenure of the scholarship the holder shall reside at a residential University college or hostel affiliated with the University of Adelaide: provided that if in the opinion of the Council there be no suitable accommodation available in a college or hostel in Adelaide the scholar may reside in such University college in the Commonwealth of Australia as he may choose.

4. Each holder of a scholarship shall undertake a course of study approved by the University Council, preferably in the agricultural, domestic or social sciences.

5. Only persons who have fulfilled the requirements for admission to their chosen courses of study shall be eligible to become candidates for the scholarships. Further, a candidate for the scholarship for men shall have come from the country or have been resident for at least twelve months continuously in the country or have served actively for at least twelve months in one of His Majesty's military services. In any case of doubt the Council shall decide what constitutes "country" for the purpose of this clause.

6. A scholarship shall be awarded for one year in the first instance, but subject to continued compliance with the provisions of this statute may be renewed annually while the scholar is pursuing the approved course.

7. Applications for awards or renewals of the scholarships shall be made on the prescribed form and lodged with the Registrar of the University not later than January 31 of each year.

8. Subject to the provisions of Clause 9, payment of the annual value of the scholarship shall be made in three equal instalments, one at the beginning of each academic term.

9. A scholarship may be suspended at any time if the Council is not satisfied with the scholar's progress, and may be determined at any time if in opinion of the Council the scholar be guilty of misconduct.

10. Any income from the endowment not expended at the end of any year shall be added to the capital of the fund for the scholarship concerned.

* Allowed 15th January, 1959.

Allowed 16th December, 1948.

Chapter LXXIV.—Of the Gladys Lloyd Thomas Scholarship for Violin.

Whereas Miss Gladys Lloyd Thomas has paid to the University the sum of five hundred pounds for the purpose of encouraging the study of the playing of the violin, it is hereby provided that:—

1. There shall be a scholarship for violin playing to be called The

Gladys Lloyd Thomas Scholarship which shall be tenable at the Elder Conservatorium of Music.

*2. The annual value of the scholarship shall be £16/16/0 and shall be applied towards the payment of fees for tuition in violin playing as a principal subject and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of clause 8, the scholarship shall be tenable for three years, but the Council shall on the recommendation of the Director of the Conservatorium have power to extend the period of tenure.

4. A candidate for the scholarship shall:—

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

No person who holds or has held a scholarship or prize in violin playing tenable for three years or more at the Elder Conservatorium shall be eligible to compete, but this clause shall not render a holder ineligible for an extension of tenure.

5. Every candidate shall pay an examination fee of one guinea†, and shall undergo such examination as the Council may direct.

6. If in the opinion of the examiners no candidate at any examination shows sufficient merit, the scholarship shall lapse for the period of one year, after which it shall be offered again. In the event of no award being made, the Council on the recommendation of the Director of the Conservatorium shall have power to award an exhibition equal to the value of the scholarship for one year to a student of the Conservatorium of sufficient merit in String playing.

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

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

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

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

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

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

Allowed 8th December, 1949.

Chapter LXXV.—Of the E. Harold Davies Scholarship for Organ.

Whereas the sum of £400,* raised by private subscription, has been paid to the University for the purpose of founding a scholarship to commemorate the work of E. Harold Davies, Mus.Doc., F.R.C.M., one-time Elder Professor of Music and Director of the Elder Conservatorium of Music, it is hereby provided that:—

1. There shall be a scholarship for organ playing to be called the E. Harold Davies Scholarship for Organ which shall be tenable at the Elder Conservatorium of Music.

†2. The annual value of the scholarship shall be £16/16/0 and shall be applied towards the payment of fees for organ playing as a principal subject and for such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

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

4. A candidate for the scholarship shall:—

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

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

5. Every candidate shall pay an examination fee of one guinea‡, and shall undergo such examination as the Council may direct.

6. If in the opinion of the examiners no candidate at any examination shows sufficient merit, the scholarship shall lapse for the period of one year, after which it shall be offered again. In the event of no award being made the Director of the Conservatorium shall have power to recommend to the Council that an exhibition equal to the value of the scholarship for one year shall be awarded to a student of the Conservatorium of outstanding merit.

* Subsequently increased to £500.

† Allowed 25th August, 1955.

‡ Allowed 18th October, 1956.

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the diploma of Associate in Music or the course for the degree of Bachelor of Music.

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

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

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

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

Allowed 8th December, 1949.

Chapter LXXVI.—Of the Gavin David Young Lectures in Philosophy.

Whereas the late Jessie Frances Raven has bequeathed to the University the sum of £2,450 for the purpose of establishing a fund in memory of her father, the late Gavin David Young, for the promotion, advancement, teaching and diffusion of the study of Philosophy, it is hereby provided as follows:

1. Series of lectures in Philosophy to be known as The Gavin David Young Lectures, shall be given from time to time in the University of Adelaide in accordance with the provisions of this Statute.

2. Normally, a series of the lectures shall be given every fourth year, but the Council may vary that interval on any occasion for a reason which it deems adequate.

3. The lecturer, who shall be appointed from time to time by the Council, may be selected from any country in the world; but the lectures shall be given, and subsequently printed, in the English language.

4. The annual income arising from the fund shall accumulate during the intervals between each series of lectures. The income thus accumu-

lated shall be used to pay the honorarium of the lecturer, the costs of publication of the lectures and such other expenses associated with the giving of the lectures as the Council may from time to time approve. The honorarium of the lecturer shall be £200.

5. Admission to the lectures shall be free to the public.

6. This Statute may be varied from time to time, but the title and object of the lectures shall not be changed.

Allowed 17th January, 1952

Chapter LXXVII.—Of The Baker Scholarship in Law.

Whereas Robert Colley Baker, Esquire, B.A., has paid to the University the sum of £5,000* for the advancement of the study of Law and for the purpose of founding a scholarship in memory of his father, the Honourable Sir Richard Chaffey Baker, K.C.M.G., K.C., M.A., and of his brother, John Richard Baker, Esq., B.A., LL.B.:

It is hereby provided that:

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

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

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

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

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

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

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

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

*Reduced by succession duty to £4,250.

Allowed 17th January, 1952.

Chapter LXXVIII.—Of Lincoln College, Incorporated.

Whereas a residential college in connection with the Methodist Church of Australasia, South Australia Conference, for students of the University, to be known as Lincoln College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University, it is hereby provided that:

Lincoln College, Incorporated, is hereby affiliated to the University of Adelaide as a residential college for men students who have matriculated at the University, or have been admitted *ad eundem statum* therein; provided that in special cases the College may admit students engaged in full Diploma courses approved by the University, or, for a period not exceeding twelve months, other unmatriculated students; and provided further that the College shall not be open for residence of students until such time as the Council of the University shall approve.

Allowed 20th December, 1951.

Chapter LXXIX.—Of The Frederick Bevan Scholarship for Singing.

Whereas the sum of £600 has been paid to the University for the purpose of founding a scholarship in singing to perpetuate the name and memory of Frederick Bevan, Teacher of Singing in the Elder Conservatorium of Music from 1898 to 1935, it is hereby provided that:

1. There shall be a scholarship for singing to be called The Frederick Bevan Scholarship which shall be tenable at the Elder Conservatorium of Music.

2. The value of the scholarship shall be £21 a year.

3. The scholarship shall be awarded on the result of a competitive examination.

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

5. (1) Every candidate for the scholarship—

(a) shall be a British subject;

(b) shall have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;

(c) shall be not more than 24 years of age on the first day of December in the year in which the examination is held.

(2) No person who holds or has held a scholarship or prize in singing tenable for three years or more at the Elder Conservatorium shall be eligible to compete.

6. Every candidate shall pay an examination fee of one guinea.*

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

8. If in the opinion of the examiners no candidate at the prescribed examination shows sufficient merit, the scholarship shall lapse for one

* Allowed 18th October, 1956.

year, after which it shall be offered again. If no award be made, the Council shall have power to award an exhibition for one year without examination, to a Singing student of the Conservatorium who shall have been recommended by the Faculty of Music.

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

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

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

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

Allowed 22nd January, 1953.

Chapter LXXX.—Of the Barr Smith Travelling Scholarship in Agriculture.

Whereas Sir Tom Elder Barr Smith has given to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith, Esquire:

Now it is hereby provided as follows:

1. The fund shall be called The Barr Smith Memorial Fund.
2. The object of the Fund shall be to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain by the maintenance of a Scholarship called the Barr Smith Travelling Scholarship in Agriculture.
3. The moneys constituting the Fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine and the income from such investments shall be used for the purposes of the Scholarship. During any vacancy in the Scholarship the income shall be accumulated and invested as aforesaid, with power to the Council to resort to such accumulations for the purpose of increasing the emoluments of the Scholarship in such manner as the Council in its discretion shall deem fit.

4. The Scholarship shall be tenable at Cambridge University and therefore the Scholar, before being confirmed in the Scholarship, must be accepted for admission by a College, and by the Board of Research Studies also if he is to be a Research Student.

5. The Scholar shall pursue either as an undergraduate or as a post-graduate student a course of study approved by the Electors in a subject or subjects connected with theory and practice of Animal Husbandry (preferably) or Agriculture or cognate to the Wool and Pastoral Industries.

6. The Electors shall consist of the Chancellor, the Vice-Chancellor, two members appointed by the Council and two members appointed by each of the Faculties of Science and of Agricultural Science.

7. The Scholarship shall be tenable for two years in the first instance and, upon application, may be extended for a third year and a fourth year if the Scholar has worked to the satisfaction of the Electors.

8. The Scholarship may not be held with any other scholarship or studentship which in the opinion of the Electors involves obligations inconsistent with those arising under this Statute. During his tenure the Scholar shall devote himself wholly to study or research and shall not systematically follow any business or profession or engage in any educational or other work which in the opinion of the Electors is inconsistent with the purpose for which the Scholarship is awarded.

9. The Scholarship shall be open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election, provided that, if there be no suitable candidate from the University of Adelaide, the Electors may invite applications from graduates and undergraduates of other Australian Universities subject to the same age limit.

10. If at any time it appears to the Electors that, through illness or lack of diligence or for any other reason deemed adequate by the Electors, the Scholar is not fulfilling and is not likely to fulfil the objects of the Scholarship the Electors may terminate his tenure of the Scholarship.

11. The nomination and election of a Scholar shall be made so that a newly-elected Scholar may enter upon his Scholarship when the previous Scholarship terminates or as soon as practicable thereafter.

12. The emolument of the Scholar shall be £750 per annum payable in quarterly instalments in advance.

13. This statute may be varied from time to time, provided that any such variations shall not make the Scholarship tenable otherwise than at Cambridge University nor alter the general object of the Fund as set out in Clause 2 above.

Allowed 25th August, 1955.

Chapter LXXXI.—Of the Kenneth and Hazel Milne Travelling Scholarship in Architecture.

Whereas Mr. F. Kenneth Milne has given the sum of £5,000 to establish a postgraduate travelling scholarship in Architecture, it is hereby provided as follows:

1. The scholarship shall be known as "The Kenneth and Hazel Milne Travelling Scholarship in Architecture".

2. The value of the scholarship shall be £A600; and the scholarship shall be offered for competition from time to time as the accumulated net income from the fund becomes sufficient to enable another award to be made.

3. A candidate for the scholarship shall be a graduate in Architecture of the University of Adelaide of not more than five years' standing by the closing date for applications.

4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Architecture and Town Planning, and in making its recommendations the Faculty shall take into consideration:

- (a) the academic records of candidates, with particular emphasis on the merits of the candidates' theses;
- (b) qualities of character; and
- (c) the likelihood of each candidate's taking an important part in the future of architecture in South Australia.

5. The selected candidate shall submit an itinerary and details of proposed study abroad for approval by the Faculty of Architecture and Town Planning; and confirmation of the award shall be subject to the Faculty's approval.

6. The value of the scholarship shall be paid in three instalments as follows:

- (a) one-third before departure from South Australia;
- (b) one-third on approval by the Faculty of a report from the scholar on the work that he had carried out during his first six months abroad; and
- (c) one-third on approval by the Faculty of a further report on the work that he had carried out during his second six months abroad.

7. The scholar will be expected to return to South Australia not earlier than two years and not later than five years after his departure under the scholarship; and he will be expected to practise the profession of architecture in South Australia for not less than three years after his return.

8. On his return to South Australia the scholar shall, if the University so desires, give one public address relating to the subject of his study, and shall make himself available to the University, if the University so desires, to give a short series of lectures or seminars or both in the Faculty of Architecture and Town Planning.

9. The scholar may undertake paid employment during the tenure of the scholarship provided that such employment is approved by the Faculty of Architecture and Town Planning as appropriate to the general purpose of the scholarship.

10. The monies constituting the fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine.

Allowed 15th January, 1959.

STANDING ORDERS OF THE SENATE OF THE UNIVERSITY OF ADELAIDE

I. THE OFFICERS OF THE SENATE

1. A member of the Senate shall be elected annually as Warden.
2. The Warden shall preside at all meetings at which he is present.
3. The Warden shall take the chair as soon after the hour of meeting as twenty members are present.
4. If the office of Warden be vacant, or if the Warden shall be absent, or shall desire to take part in a debate, the Senate shall elect a Chairman, who, while in the Chair, shall have all the powers of the Warden; but if the Warden shall arrive after the Chair is taken, or shall cease to take part in a debate, the Chairman shall vacate the Chair.
5. A Clerk of the Senate shall be elected annually, and shall perform such duties as may be directed by the Warden.
6. The Clerk shall receive all notices of motion or of questions, and also all nominations of candidates for the office of Warden, Clerk, or Member of the Council.
7. The Clerk shall prepare, under the direction of the Warden, a Notice-paper of the business of every meeting, and issue it with the circular calling the meeting.
8. The Clerk shall, under the direction of the Warden, record in a book the Minutes of the Votes and Proceedings of the Senate.
9. Whenever an extraordinary vacancy shall occur in the office of Clerk, or when he shall be unable to act, the Warden may appoint some suitable person to act until a Clerk shall have been appointed.
10. Whenever an extraordinary vacancy shall occur in the office of Warden, or when the Warden shall from any cause be unable to act, the Clerk shall perform the duties of Warden until the next meeting of the Senate.

II. MEETINGS OF THE SENATE

11. The Senate shall meet at the University on the fourth Wednesday in the month of November.
12. The Warden may at any time convene a meeting of the Senate.
13. Upon a requisition signed by twenty members of the Senate setting forth the objects for which they desire the meeting to be convened, the Warden shall convene a special meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.
14. If after the expiration of a quarter of an hour from the time appointed for the meeting there shall not be twenty members present the meeting shall lapse.
15. If it shall appear on notice being taken, or on the report of a division by the tellers, that twenty members are not present, the

Warden shall declare the meeting at an end or adjourned to such time as he shall direct, and such division shall not be entered on the Minutes.

16. The Senate may adjourn any meeting or debate to a future day.

III. NOTICES.

*17. Notice of every meeting shall be given by circular posted six clear days before such meeting to the last-known address of every member resident in the State of South Australia, and to such other members of the Senate as may request notices to be forwarded to them.

*18. All notices of motion or of questions and all nominations must reach the Clerk at the University, before noon on the sixteenth day before the day of meeting.

* Amended by the Senate 23rd November, 1949.

IV. CONDUCT OF BUSINESS.

A. Agenda.

19. The business at any meeting shall be transacted in the following order, and not otherwise, except by direction of the Senate:

- (a) Reading, amendment, and confirmation of Minutes. Business arising out of the Minutes.
- (b) Election of Warden and Clerk.
- (c) Election of Members of the Council.
- (d) Questions.
- (e) Business from the Council.
- (f) Motions on the Notice-paper.
- (g) Other business.

20. Except by permission of two-thirds of the members present, no member shall make any motion initiating for discussion a subject which has not been duly inserted on the Notice-paper for that meeting.

21. Except subject to the preceding Order, no business shall be entered on at an adjourned meeting which was not on the Notice-paper for the meeting of which it is an adjournment.

B. Rules of Debate.

22. Whenever the Warden rises during a debate any member then speaking or offering to speak shall sit down and the Warden shall be heard without interruption.

23. If the Warden desires to take part in a debate, he shall vacate the chair for the time.

24. Every member desiring to speak shall rise in his place and address himself to the Warden.

25. When two or more members rise to speak the Warden shall call upon the member who first rose in his place.

26. A motion may be made that any member who has risen "be now heard," and such motion shall be proposed, seconded, and put without discussion or debate.

27. Any member may rise at any time to speak "to order."

28. A member may speak upon any question before the Senate or upon any amendment proposed thereto, or upon a motion or amendment to be proposed by himself, or upon a point of order, but not upon the motion that the question be now put, or that a member be now heard.

29. By the indulgence of the Senate a member may explain matters of a personal nature, although there be no question before the Senate, but such matters may not be debated.

30. No member may speak twice to a question before the Senate except in explanation or reply; but a member who has merely formally seconded a motion or amendment shall not be deemed to have spoken.

31. A member who has spoken to a question may again be heard to explain himself in regard to some material part of his speech, but shall not introduce any new matter.

32. A reply shall be allowed to a member who has made a substantive motion, but not to any member who has moved an amendment.

33. No member may speak to any question after it has been put by the Warden and the show of hands has been taken thereon.

34. No member shall reflect upon any vote of the Senate except for the purpose of moving that such vote be rescinded.

35. In the absence of a member who has given notice of a motion any member present may move such motion.

36. A motion may be amended by the mover with leave of the Senate.

37. Any member proposing an amendment may be required to deliver it in writing to the Warden.

38. Any motion or amendment not seconded shall not be further discussed, and no entry thereof shall be made on the Minutes.

39. A member who has made a motion or amendment may withdraw the same by leave of the Senate, granted without any negative voice.

40. No motion or amendment shall be proposed which is the same in substance as any question which during the same meeting has been resolved in the affirmative or the negative.

41. The Senate may order a complicated question to be divided.

42. When amendments have been made the main question as amended shall be put.

43. When amendments have been proposed but not made, the question shall be put as originally proposed.

44. A question may be suspended—

(a) By a motion "That the Senate proceed to the next business."

(b) By the motion: "That the Senate do now adjourn."

45. A debate may be closed by the motion "That the question be now put," being proposed, seconded, and carried, and the question shall be put forthwith without further amendment or debate.

C. Divisions.

46. So soon as a debate upon a question shall be concluded the Warden shall put the question to the Senate.

47. A question being put shall be decided in the first instance by a show of hands.

48. The Warden shall state whether in his opinion the "Ayes" or the "Noes" have it, but any member may call for a division.

49. When a division is called the Warden shall again put the question, and shall direct the "Ayes" to the right and the "Noes" to the left, and shall appoint a teller for each party.

50. The vote of the Warden shall be taken before the other votes, without his being required to leave the chair.

51. Every member present when a division is taken must vote except as hereinafter provided.

52. No member shall be entitled to vote in any division unless he be present when the question is put.

53. No member shall be entitled to vote upon any question in which he has a direct pecuniary interest, and the vote of any member so interested shall be disallowed if the Warden's attention be called to it at the time.

54. In case of an equality of votes the Warden shall give a casting vote, and any reasons stated by him shall be entered in the Minutes.

55. An entry of the lists of divisions shall be made by the Clerk in the Minutes.

56. In case of confusion or error concerning the numbers reported, unless the same can be otherwise corrected, the Senate shall proceed to another division.

57. While the Senate is dividing, members can speak only to a point of order.

D. Elections.

58. The annual election of Warden and of Clerk shall take place at the ordinary meeting in November.

*58a. Whenever an extraordinary vacancy shall occur in the office of Warden, the Senate, at its next meeting and without previous nomination being required, shall elect one of its members as Warden, and the member so elected shall hold office till the next November meeting.

59. Members of the Council shall be elected at the first meeting held after the vacancy shall have become known to the Warden.

• Passed by Senate, 28th March, 1894.

60. The members of the Senate shall be informed by circular when any vacancy occurs in the office of Warden, Clerk, or Member of Council, and such circular shall state the date up to which nominations will be received.

61. Every nomination shall be signed by at least two members of the Senate.

62. No person shall be proposed for election whose name has not appeared on the Notice-paper.

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

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

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

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

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

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

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

E. Questions.

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

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

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

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

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

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

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

* Passed by Senate, 28th March, 1894.

† Passed by Senate, 26th July, 1922.

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

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

F. Committee of the Whole Senate.

78. A Committee of the whole Senate is appointed by a resolution "That the Senate do now resolve itself into a Committee of the whole."

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

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

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

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

83. A motion need not be seconded.

V. SELECT COMMITTEES.

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

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

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

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

VI. SUSPENSION OF STANDING ORDERS.

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

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

FREDERIC CHAPPLE,
Warden.

December 2nd, 1885.

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1961

PART II.

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THE ELDER CONSERVATORIUM OF MUSIC

REGULATIONS

Whereas the University was enabled by an endowment of £20,000 from the late Sir Thomas Elder in 1897 to establish the Elder Conservatorium of Music, it is hereby provided as follows:

1. The Conservatorium shall provide courses of instruction and study for the Diploma of Associate in Music of the University of Adelaide in such branches of music as the Council may from time to time approve.

2. The Conservatorium shall also provide for the teaching and study of various branches of music as individual subject studies. The range of studies to be so provided shall be approved from time to time by the Council, and the studies shall be classified as follows: Principal Subjects, Secondary Subjects, Classes. Students may take principal subjects without proceeding to the diploma; and subject to the approval of the Director they may take secondary subjects or attend classes without taking a principal subject.

3. The teaching staff of the Conservatorium shall comprise a Director and such other professors, lecturers, and teachers as the Council shall from time to time appoint.

4. The Conservatorium year shall extend from February until December and shall include thirty-six teaching weeks. It shall be divided into three terms, the dates for beginning and ending terms and vacations being determined annually by the Council.

5. An intending student shall satisfy the Director of his fitness to enter upon the course of study proposed, and upon being admitted shall pay the entrance fee and sign the Elder Conservatorium students' roll.

6. Except in special circumstances approved by the Director, a student of a principal subject shall enter the Conservatorium for a minimum period of one year; and a student entering after the first term in any year has begun shall undertake to complete three full and consecutive terms of study. 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.

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

8. (a) The tuition fee for a principal subject, with such ancillary work as may be approved by the Director, shall be arranged with the Director in accordance with a scale of fees approved by the Council.

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

(c) The entrance fee and the general service fee shall be paid in one sum at the time of enrolment. The tuition fee for the year's work shall be paid *either* in one sum not later than the seventh day after the first day of the first term of the Conservatorium year or in three equal instalments each not later than the seventh day after the first day of the relevant term. Except in cases approved in advance by the Registrar of the University later payment will involve also payment of a late fee of £1/1/- on each occasion.

9. At the end of the year a student of a principal subject may, upon application in writing, receive a report on progress from the Director.

10. (a) Scholarships may be established from time to time by the Council, or by private individuals on 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.

11. The Council may from time to time make rules relating to studies in the Conservatorium, and all students shall conform to such rules.

Awaiting allowance at time of printing.

SCHEDULE OF INDIVIDUAL SUBJECT STUDIES APPROVED BY THE COUNCIL UNDER REGULATION 2

PRINCIPAL SUBJECTS

(which may also be studied as Secondary Subjects)

Practical Pianoforte; Violin; Viola, Violoncello; Flute; Oboe; Clarinet; Bassoon; French Horn; Double Bass; Trumpet; Trombone; Harp; Percussion; Singing; Organ; Speech and Drama.

Theoretical: Harmony; Counterpoint; Composition; Theory of Music.

CLASS SUBJECTS

Harmony; Counterpoint; General Musical Knowledge; Theory of Music; History and Literature of Music; Musical Criticism and Aesthetics; Musical Form and Analysis; Aural Training; Ensemble and Orchestral Playing; Accompanying; Choral Singing; Speech and Drama; Orchestration; German, French and Italian Languages; Opera; Principles of Class Music Teaching; Scope of School Music; Class Teaching of Practical Subjects.

SCHEDULE OF FEES PRESCRIBED OR APPROVED BY THE COUNCIL

1. The entrance fee referred to in Regulation 5 shall be £1/1/-.
2. Except in subjects (if any) approved by the Council, the fee for a Principal Subject shall be not less than £37/16/- a year, or £12/12/- a term, for a weekly 30-minute lesson.
3. The fee for a Secondary Subject shall be not less than £18/18/- a year or £6/6/- a term, for a weekly 20-minute lesson.
4. The fee for each Class Subject shall be not less than £5/5/- a year.
5. The General Service Fee shall be £1/10/- a year.
6. The fee for a principal subject includes attendance at such classes as the Director may require or approve.
7. For the fees payable for the diploma courses, see the schedule made under the regulations governing the diploma.

OF THE ELDER CONSERVATORIUM

RULES MADE BY THE COUNCIL UNDER REGULATION 11

1. Subject to approval by the Director, arrangements for receiving tuition in principal and secondary subjects shall be made by the student in consultation with his teacher.
2. All fees shall be paid to the Registrar of the University in accordance with Regulation 8 (c).
3. A student shall attend punctually at the time appointed for his lesson, and in the event of absence shall notify the Conservatorium office.
4. A student shall not, except in extraordinary cases approved by the Director, receive his lessons elsewhere than at the Conservatorium.
5. A student of a principal or secondary subject shall attend such orchestral, vocal, or other class as the Director may deem essential to his progress.
6. A student of a principal or secondary subject 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. A student shall not, except by permission of the Director, publish any composition; and he shall deposit a copy of any composition published with the Director's permission in the Library of the Conservatorium.
8. A student guilty of impropriety or breach of these rules shall be reported to the University Board of Discipline.

Made by Council, 28th October, 1960.

THE ELDER SCHOLARSHIPS REGULATIONS

1. Scholarships to be held at the Elder Conservatorium, and known as Elder Scholarships, shall be offered for competition among Australasian students of music.

*2. One scholarship shall for the present be awarded in each of the following subjects:—Singing; Pianoforte; Violin; Organ; Violoncello.

†3. The limits of age for candidates shall be as follows:

For Singing, not less than 16, nor more than 24 years

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held.

No candidate who holds, or who has held, any other scholarship or prize tenable for three years at the Elder Conservatorium for any of the above subjects, shall be eligible to compete for an Elder Scholarship in the same subject.

4. Candidates for scholarships shall undergo such examination as the Council may from time to time direct. An examination fee of £1 1s.‡ shall be paid by each candidate.

5. Should none of the candidates competing for a scholarship in any subject show sufficient merit, or should there be no candidates, it may be left vacant until such time as the Council shall direct, or the Council may award it for another subject.

6. A scholarship shall be tenable for three years, unless sooner determined under Regulation 7, and shall entitle the holder to free tuition in one principal and one or more secondary subjects, to be approved by the Director.

The principal subject of study shall be the subject for which the scholarship was awarded. Scholars taking Violin as the principal subject of study shall, unless exempted by the Director, also study the Viola. The period of tenure may be extended by the Council, but a scholarship shall not be awarded a second time to the same student for the same principal subject, and no person may hold more than one of the Elder Scholarships at the same time.

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

* Allowed 2nd December, 1926

† Allowed 10th December, 1925

‡ Allowed 30th November, 1933.

§ Allowed 18th October, 1956.

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

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

9. A person elected to a scholarship who, by reason of being able to pay for his or her education, or for other sufficient reason, declines to accept the emoluments thereof, may bear the title of Honorary Elder Scholar. In such a case the Council may direct that the funds of the scholarship be devoted to assist deserving students to meet the cost of their musical education.

10. These Regulations may be varied from time to time.

‡ Allowed 16th December, 1948. Allowed 13th December, 1917.

Awards.

For previous awards, see Calendars from 1908.

Awarded for 1958—

Gurner, Ruth Eleanor (Singing).

Awarded for 1959—

Finnis, Catherine M. (Violoncello).

Awarded for 1960—

Adamek, Vladimir (Pianoforte).

Smith, Ivan J. (Violin).

Tobin, Ashleigh H. (Organ).

Finnis, Catherine M. (Violoncello).

(Exhibition in lieu of scholarship.)

Awarded for 1961—

Dawe, Robert A. L. (Singing).

Fraser, Raymond W. (Violoncello).

ELDER CONSERVATORIUM FREE SCHOLARSHIP

RULES

1. There shall be an annual scholarship to be called The Elder Conservatorium Free Scholarship which shall exempt the holder from payment during the tenure thereof of any fees for tuition or examination in not more than one principal subject in the Elder Conservatorium. The tenure of the scholarship shall be for one year.

2. The scholarship shall be awarded to such one of the students of the Elder Conservatorium as the Chancellor shall select from among those who, having for at least one academical year studied music in the Conservatorium, shall within one week after the end of that year be severally recommended in writing to him by their respective teachers for exceptional merit shown during that year in their respective courses of study. The Chancellor shall satisfy himself that each student whom he selects is a person of limited means. If on the expiration of such week the office of Chancellor shall be vacant, or the Chancellor shall be absent from South Australia, the Vice-Chancellor shall act in his stead.

3. Immediately after the end of each term during the tenure of the scholarship, the teacher of each scholar shall present to the Council a report as to the scholar's progress in musical studies and diligence; and the Council, whenever dissatisfied with any report, may, after or without inquiry, suspend temporarily or take away the scholarship, or admonish the scholar. Whenever a scholarship shall during any academical year become for any cause vacant, the vacancy shall not be filled during that year.

4. The scholarship shall not be awarded oftener than once to any student.

5. The Council may rescind or vary these Rules, but no rescission or material variation shall apply to any scholar during tenure of the scholarship or (if made after the commencement of an academical year) to any student who, but for such rescission or variation, would have been entitled to compete during that year for the scholarship.

THE ALEXANDER CLARK MEMORIAL PRIZE

This prize was founded by the Public Schools Decoration and Floral Societies in memory of Alexander Clark. It is of the annual value of £12 10s., and is tenable for three years at the Elder Conservatorium.

For conditions, see Statutes, Chapter XXXVII, page 205.

Awards.

For previous awards, see Calendars from 1934.

Awarded for 1955—

Taverner, Margaret (Pianoforte).

Awarded for 1958—

Kneebone, Barbara Frances (Singing).

Awarded for 1959—

Hutchesson, Margaret J. (Pianoforte).

Awarded for 1960—

Brewster, Christine J.

THE EUGENE ALDERMAN SCHOLARSHIPS

These scholarships were founded in memory of Eugene Alderman. For conditions, see Chapter XLI of the Statutes, page 209.

Awards.

For previous awards, see Calendars from 1924.

Awarded for 1957—

Macpherson, Margaret Webster (Singing).

Awarded for 1958—

Grange, Marilyn Lyle (Violin).

Awarded for 1960—

Lasscock, Janet (Singing).

Awarded for 1961—

Johnson, Julie F. L. (Violin).

THE SELBORNE MOUTRAY RUSSELL SCHOLARSHIPS

The sisters of the late Selborne Moutray Russell have founded in his memory two scholarships each tenable for three years at the Elder Conservatorium of Music.

For conditions, see Statutes, Chapter LXIX, page 225.

Awards.

For previous awards, see Calendars from 1954.

Awarded for 1955—

Rodger, Trevor (Singing).

Awarded for 1956—

Best, Michael Robert (Oboe).

Awarded for 1958—

Hodge, Warren David Payne (Singing).

Awarded for 1959—

Radford, Geoffrey P. (Bassoon).

THE LUCY JOSEPHINE BAGOT PRIZE

An annual prize for Operatic Singing to be called The Lucy Josephine Bagot Prize was founded in 1947 by Walter Hervey Bagot in memory of his mother.

For conditions, see Statutes, Chapter LXVIII, page 225.

Awards.

For previous awards, see Calendars from 1954.

1957—Hatcher, Ralph Kelvin. 1959—Annear, Gwentyth.

1958—Davies, Jean M. 1960—Hearne, Janice.

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 227.

Awards.

For previous awards, see Calendars from 1958.

1950—

Ridgway, Athol John

1955—

Field, Christine

1959—

Rozelaar, Amanda M.

(Exhibition in lieu of
scholarship.)

1960—

McLeod, Rosslyn

1961—

Kazimierczak, Bogdan

(Exhibition in lieu of
scholarship)

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 228.

The Franz and Catherine Anders Scholarship is tenable by a player of the Double Bass.

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 230.

Awards.

For 1945— Sawtell, Dorothy H.	For 1954— Lawton, John W. M.
For 1948— Whitford, Pauline M. C.	For 1957— Levy, Juliette I. H.
For 1951— Perry, John W. J.	For 1960— Simpson, Anne.

THE E. HAROLD DAVIES SCHOLARSHIP FOR ORGAN

This Scholarship was founded by public subscription in 1949 to commemorate Dr. E. Harold Davies, for 28 years Elder Professor of Music.

For conditions, see Chapter LXXV of the Statutes, page 232.

Awards.

For 1951— Thiele, James.	For 1959— (Exhibition in lieu of scholarship)
For 1954— No award.	Krieg, Lesley R.
For 1955— von Einem, Lyal Bernard	For 1960— Smith, David A.
For 1958— (Exhibition in lieu of scholarship)	
von Einem, Lyal Bernard	

FLORENCE COOKE VIOLIN PRIZE

On its dissolution in 1960 the Elder Conservatorium Old Scholars' Association paid the sum of £100 to the University for the maintenance of the prize, which had until then been administered by the Association.

The value of the prize is £4/10/-. The prizemoney is to be spent on music or books with the approval of the Director of the Elder Conservatorium.

A candidate for the prize must be a promising and deserving student who is not already the holder of a scholarship or prize in the Elder Conservatorium for the current year. Teachers make recommendations to the Director, who selects the winner. (D. 2603/60)

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.

Award.

For 1960—
Cann, Melvyn R.

THE GULI MAGAREY FUND AND SCHOLARSHIP

RULES

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

The following rules are hereby made:

THE GULI MAGAREY FUND

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

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

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

THE GULI MAGAREY SCHOLARSHIP

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

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

6. Every candidate for the Scholarship shall pay an examination fee of £1 1s. and shall undergo such examination as the Council may direct.

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

8. If in the opinion of the examiners in any year there is no candidate of sufficient merit, no award shall be made and the moneys which would have been paid had the Scholarship been awarded shall be added to the value of the Scholarship on the next occasion on which an award is made.

9. These Rules may be varied from time to time but the title and general purposes of the endowment shall not be changed.

Awards.

For previous awards, see Calendars from 1956.

For 1958—	For 1960—
Annear, Gwenyth.	Woore, Christine H.
For 1959—	For 1961—
Lasscock, Janet.	Bermingham, Jennifer A.

THE FREDERICK BEVAN SCHOLARSHIP FOR SINGING.

This scholarship was founded in 1952 to perpetuate the name and memory of Frederick Bevan, Teacher of Singing in the Elder Conservatorium of Music from 1898 to 1935.

For conditions, see Chapter LXXIX of the Statutes, page 235.

Awards.

For previous award, see Calendar for 1958.

For 1956—	For 1959—
Hearne, Janice Lesley.	Annear, Gwenyth.

ORCHESTRAL SCHOLARSHIPS

Since 1939 the Council has offered annually five scholarships for orchestral instruments, tenable at the Elder Conservatorium, in accordance with the following rules:—

1. One scholarship is offered for each of the following subjects:—
Flute; Oboe; Clarinet; Bassoon; French Horn.
2. The age limit of candidates shall not be more than 24 years on the first day of December in the year in which the examination is held.
3. A candidate may not hold more than one of these scholarships at any one time.
4. Candidates for scholarships shall undergo such examination as the Council may from time to time prescribe. An examination fee of £1 1s. shall be paid by each candidate.
5. If there is no candidate, or no candidate of sufficient merit, for any scholarship the scholarship shall be left vacant until such time, and shall be filled in such manner, as the Council shall decide.
6. A scholarship shall be tenable in the first instance for one year. It shall then be re-offered for competition and the holder shall be eligible for re-appointment to the scholarship for a second year. No scholarship shall be awarded to the same candidate for more than two years.
7. A scholarship shall entitle the holder to free tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Conservatorium.
8. A scholarship may be terminated by the Council at any time if in the opinion of the Council the scholar is not making sufficient progress, or for any other reason deemed sufficient by the Council.

Awards.

For previous awards, see Calendars since 1941.

For 1958—

Whyte, Graham Howard (Flute).
Terry, Graham Robert (Clarinet).
McLeod, John George (Bassoon).

For 1959—

Quick, Alison R. (Flute).
Radford, Geoffrey P. (Bassoon).

For 1960—

Neil, Maximillian A. (Bassoon).
Quick, Alison R. (Flute).
Wesley Smith, J. Jeremy (French Horn).

For 1961—

Greenless, Alan W. (Oboe).
Neil, Maximillian A. (Bassoon).
Rowe, Deirdre M. (Clarinet).
Staples, Brenton R. (Flute).

ELDER OVERSEAS SCHOLARSHIP

This scholarship, which is open for competition amongst all native-born South Australians, was established by a bequest of £3,000 by Sir Thomas Elder to the Royal College of Music, London. This scholarship is tenable at the Royal College for a period of three years which in some cases may be extended to four years; its present value is £100 a year, from which the scholar must pay his fees, the remainder being available for maintenance. The income from the Guli Magarey Fund (see p. 256) is used to supplement the living allowance of the scholar.

The scholarship is offered for competition every three or four years, the scholar being chosen on the results of a special examination.

Awards.

For previous awards, see Calendar for 1958.

1946—Govenlock, James.	1954—Schramm, Kathryn.
1951—Fearn, Peggy.	1957—Stubbs, Ruth M.

THE MAUDE PUDDY SCHOLARSHIP

RULES

Whereas the sum of £500 has been raised by a Committee of her former students and has been paid to the University for the purpose of founding a Scholarship in pianoforte in honour of Maude Puddy, Teacher of Pianoforte at the Elder Conservatorium of Music, the following rules are hereby made:

1. The Scholarship shall be called "The Maude Puddy Scholarship for Pianoforte," and shall be tenable at the Elder Conservatorium of Music.

2. The annual value of the Scholarship shall be £15/15/-, or such other sum as the Council may from time to time determine, and shall be applied towards tuition in pianoforte playing and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of Clause 8, the Scholarship shall be tenable for three years, but the Council, on the recommendation of the Director of the Elder Conservatorium, may extend the period of tenure.

4. If, in the opinion of the examiners, no candidate at any examination shows sufficient merit, the Scholarship shall lapse for one year, after which it shall be offered again. If the Scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition equal to the annual value of the Scholarship for one year to a student of the Conservatorium of outstanding merit.

5. Every candidate for the Scholarship shall pay an examination fee of £1 1s., and shall undergo such examination as the Council may approve.

6. No person who has previously held the Scholarship may be a candidate for it.

7. The Scholarship shall be awarded to the candidate who shows the greatest talent and promise in pianoforte playing, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the Diploma of Associate in Music or the course for the Degree of Bachelor of Music.

8. If a Scholar elect not to take the course for either the Diploma of Associate in Music or the Degree of Bachelor of Music, he shall be required to pass an examination in pianoforte at the end of each year of the Scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the Scholarship for the remaining portion of the term of three years, unless the Council shall decide otherwise. A Scholarship may be determined at any time if in the opinion of the Council the holder of it be guilty of misconduct.

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

10. These rules may be varied from time to time, but the title and general purposes of the endowment shall not be changed.

Awards.

For 1955—Lindh, Carlene. For 1961—Madge, Geoffrey D.
For 1958—Chappell, Glenys M.

THE ATHOL LYKKE AWARD FOR POSTGRADUATE STUDIES IN MUSIC

RULES.

Whereas the sum of £1,860, raised by a Committee of Citizens to commemorate the work of Athol Lykke for music in South Australia, has been paid to the University for the purpose of promoting post-graduate studies in Music, it is hereby provided as follows:

1. There shall be an Award to be called The Athol Lykke Award for Postgraduate Studies in Music.

2. The value of the Award shall be not less than £A300; an Award shall be offered from time to time as often as the income from the fund permits; and the first Award shall be offered in 1959. No award shall be made unless there is a candidate of sufficient merit.

3. A candidate for an Award shall be a graduate in Music, or a holder of the Diploma of Associate in Music, of the University of Adelaide. Preference will be given to graduates or diploma holders of not more than five years' standing.

4. Every candidate shall pay an entrance fee of £1 1s.
5. The Award shall be made by a Committee under the Chairmanship of the Dean of the Faculty of Music, appointed for the purpose by the Faculty of Music.
6. The holder of an Award shall pursue an advanced course of study approved by the Faculty of Music.
7. Within such time after receiving the Award as the Council shall in each case allow, the Scholar shall proceed to Great Britain or Ireland and there spend the whole of the time during which the Award is tenable in gaining musical knowledge and experience in such a manner as may be approved by the Council: provided that on the recommendation of the Faculty of Music the Council may grant the Scholar permission to spend the whole or part of his time in study or practical training on the Continent of Europe, or in Canada, or in the United States of America, or in Australia.
8. Payment of the Award shall be made in such instalments as the Faculty may determine, provided that the University may at any time suspend payment if it is not satisfied with the holder's progress in his studies.
9. These rules may be varied from time to time, but the title and purpose of the Award shall not be changed.

Award.

1959—Gunning, Shelley S.

THE LIENAU SCHOLARSHIP RULES.

Whereas Christian Hans Augustus Lienau has bequeathed to the University the sum of £500 for the purpose of providing a scholarship tenable at the Elder Conservatorium of Music, it is hereby provided as follows:—

1. There shall be a scholarship to be known as the Lienau Scholarship tenable at the Elder Conservatorium of Music.
2. Subject to the provisions of Clause 7, the scholarship shall be awarded to a Tenor.
3. The scholarship shall be tenable for one year and shall be awarded every alternate year subject to Clause 7. Its value shall be £40, and shall be applied by a student of the Tenor Voice towards the payment of fees for studies in Singing and such secondary subjects as may be approved by the Director of the Elder Conservatorium.
4. A candidate for the scholarship shall be not more than twenty-four years of age on the first day of December in the year in which the examination is held.
5. Every candidate for the scholarship shall pay an examination fee of one guinea and shall undergo such examination as the Council may direct.
6. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

7. If in the opinion of the examiners no candidate at an examination for the scholarship shows sufficient merit the scholarship shall lapse for one year after which it shall be offered again. If a scholarship so lapses, the Council on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year to the value of £20 to a student of the Elder Conservatorium of outstanding merit in singing.

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

9. Allowing for the conditions of the award of an Exhibition under Clause 7, the scholarship shall be offered for competition only when the value of it has reached the sum of £40.

Award.

1960—Edwards, Warren B.

THE CLEMENT Q. WILLIAMS PRIZE

RULES

Whereas the sum of £500 has been raised by a Committee of former students of Clement Q. Williams, Teacher of Singing in the Elder Conservatorium of Music from 1948 to 1957, and paid to the University for the purpose of founding an annual prize to commemorate his work, it is hereby provided as follows:

1. A prize, to be known as the Clement Q. Williams Prize, shall be offered for competition annually.

2. The first competition for the Prize shall be held in May, 1959. On that occasion, to be eligible to compete for the Prize, a candidate must have been enrolled as a student of the Elder Conservatorium for the first term of 1959. For all competitions after the first a candidate must have been enrolled as a student of the Elder Conservatorium for the two terms preceding the competition. There is no age limit or restriction of nationality for competitors.

3. The Prize shall consist of the sum of £15 and, subject to Rules 6 and 7, shall be awarded to the candidate who shows the greatest ability and understanding in the performance of an approved programme of German Lieder.

4. The candidate shall enter for examination on the prescribed form by a date fixed each year, the entry fee being £1 1s. and each candidate shall submit with his entry, for approval by the Director of the Elder Conservatorium, a programme requiring about fifteen minutes to perform.

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

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

7. The Prize shall not be awarded twice to the same student.

8. These rules may be varied from time to time, but the title and the general purpose of the endowment shall not be changed.

Awards.

1959—Hearne, Janice.

1960—Andrew, Helen.

THE KLOEDEN-McCORMICK-GOODHART SCHOLARSHIP

RULES

Whereas Mrs. Leander McCormick-Goodhart has offered to provide annually the value of a Scholarship in Singing as a principal subject at the Elder Conservatorium, to be called "The Kloeden-McCormick-Goodhart Scholarship", the following rules are hereby made:

1. Subject to receipt of the regular annual contribution from the donor, the value of the Scholarship shall be about £45 and the Scholarship shall be offered for award annually.

2. The Scholarship may be awarded to the same person more than once.

3. All matters concerning the award of the Scholarship shall be determined by the Director of the Elder Conservatorium.

Award.

1960—Hearne, Janice.

THE WAITE AGRICULTURAL RESEARCH INSTITUTE

The Waite Agricultural Research Institute was established in 1924 as a result of the gift of the late Mr. Peter Waite to the University of Adelaide for the purpose of furthering the cause of research in agriculture and allied subjects. The original endowment comprises an estate of 299 acres of agricultural and grazing land situated near Glen Osmond, a mansion house, and a Trust Fund of £58,450.

Subsequent endowments, the income from which is devoted to the work of the Institute, include those of the late Mrs. Elizabeth Macmeiken and Miss Lily Waite, daughters of Mr. Peter Waite, the Ranson Mortlock Trust, the gift of the late Mrs. Rosye F. Mortlock and Mr. J. T. Mortlock, part of the residuary estates of the late Mr. Hugh Hughes and of the late Mr. W. H. Sandland, and the estate of the late Mr. W. D. Grigg.

The estate lies on the scarp of the Adelaide foothills, within four miles of the city of Adelaide. Portion of the estate comprises wheat land, 280-390 feet above sea-level, whilst the remainder is representative of the hilly country at the foothills of the Mount Lofty Ranges. To the original estate have been added 100 acres by purchase, while by agreement with the Department of Education of South Australia the Institute uses some 70 acres belonging to Urrbrae Agricultural High School for experimental purposes.

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 for undergraduate teaching was added in 1948, and in 1959 the Departments of Entomology and Plant Pathology were housed in the new East Wing.

In addition to the laboratories, a range of glasshouses, including a cool house, farm buildings, two field laboratories, a workshop and small animal house have been erected since 1925. A modern insectary is in process of construction.

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. However, grants for research from several agricultural industries have increased markedly in recent years and are of major assistance in the research programme. At present grants are received from the Wool Research Committee, the Wheat Industry Research Council, the South Australian Wheat Industry Research Committee, the Barley Improvement Trust Fund, the Dairy Research Committee, the Commonwealth Department of Health, Quarantine Department, and various Fruitgrowers' and Market Gardeners' Associations.

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 postgraduate training and research.

The scientific work of the Institute is centred round the study of the principles of crop, pasture and animal production and of the scientific disciplines associated with these aspects of agriculture. Research and teaching is carried out in the five departments:

AGRONOMY (which includes Crop Genetics and Plant Breeding, Animal Husbandry and Systematic Botany).

AGRICULTURAL CHEMISTRY (which includes Plant and Animal Biochemistry, Virology and Soil Science).

PLANT PATHOLOGY (which includes Nematology and Soil Microbiology).

ENTOMOLOGY.

PLANT PHYSIOLOGY.

There is also a section of biometry.

For the staff of the Institute, see page 60.

THE MAWSON INSTITUTE OF ANTARCTIC RESEARCH

The Institute was formally established by the University Council in November, 1959, in honour of the late Professor Sir Douglas Mawson, F.R.S.

The broad aim of the Institute is to foster by various means polar studies and research. It will maintain a library of Antarctic literature and a museum of geological and biological specimens collected in the Antarctic. The museum will also include objects associated with the explorations of Sir Douglas Mawson.

The Institute will be inaugurated by the Right Honourable the Prime Minister on April 15, 1961. The Chairman of the Committee of Management of the Institute is the Deputy Chancellor of the University, the Honourable Sir George Ligertwood, and the Honorary Secretary is Mrs. I. M. Thomas.

THE ANTI-CANCER CAMPAIGN COMMITTEE

The Anti-Cancer Campaign Committee of the University of Adelaide was formed in 1928 to aid research into problems of cancer, and to provide and extend modern methods of treatment of cancer in South Australia. In that year the Commonwealth Government had lent to the Adelaide Hospital half a gram of radium in the form of needles and tubes, and as there was no radiotherapy department at the hospital the early efforts of the Committee were devoted to the provision of a medical officer, a deep X-ray plant and the necessary clerical and technical personnel to establish a Radiotherapy Department. As demands on the Radiotherapy Department grew, the Committee's expenditure on the Department also increased until the Committee was responsible for four salaried medical officers and four physicists employed there. It was then agreed with the Hospital Board that the Committee should be financially responsible for the research activities of the Radiotherapy Department, and the Board for the routine treatment of patients; as a result three of the Committee's medical officers were transferred to the Public Service.

ADMINISTRATION: The General Committee which decides matters of major policy consists of about 50 members who represent a wide cross-section of the community. It works through various sub-committees, including an Executive Committee and a Finance Committee, for the day-to-day conduct of its affairs.

FINANCE: The Committee's funds are derived from the following sources: (a) Gifts and bequests; (b) Income from gifts and bequests which have been invested; (c) Government grants and subsidies; (d) Public appeals.

Three public appeals for funds have been made; the first in 1928 realised about £6,000, the second in 1939 about £3,000, and the third in 1950, through a Lord Mayor's committee, more than £100,000. Part of the third was used to pay for a very high-voltage X-ray machine now installed at the Royal Adelaide Hospital.

Government grants and subsidies include £5,000 from the Federal Government in 1929, and from the South Australian Government £5,000 in 1929, £2,500 in 1939, £3,000 per annum between 1938 and 1952 and £5,000 per annum since then. In addition, the State Government gave £16,000 towards the purchase of the supervoltage plant, and met the large expense of housing the plant at the Royal Adelaide Hospital.

RESEARCH: At the beginning, with its limited funds and facilities, the Committee decided to support clinical research as likely to be the most rewarding; to that end a medical officer and stenographer are employed in recording the cases of cancer in the Royal Adelaide Hospital for statistical analysis in due course. The Committee has also, from its beginning, enabled its physicists to give much of their time to fundamental research, some of which has been of considerable value to radiotherapy, and has paid for its publication.

It has also subsidised particular projects in the Institute of Medical and Veterinary Science, and in recent years in the Departments of Organic Chemistry, Physical and Inorganic Chemistry, and Agricultural Chemistry in the University.

In addition the Committee bears the cost of the provision, housing, maintenance and operation of the plant used to collect and dispense radon gas from the 450 mg. of radium lent by the Federal Government for the purpose; the radon is used partly for research but mainly for the treatment of patients.

EDUCATION: To enable them to keep in touch with the most recent developments in the fields, the Committee has, wholly or in part, paid for overseas study tours by a pathologist and two physicists. It also supports the attendance of members of its staff at approved scientific conferences in Australia. From time to time it sends memoranda on various aspects of the cancer problem to medical practitioners in South Australia, and it conducted limited public education campaigns in 1950 and in 1957.

RESOLUTIONS CONCERNING THE COMMEMORATION OF UNIVERSITY ALUMNI

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

1. The Council may determine by an absolute majority, and upon such evidence as it shall deem sufficient, and subject to the concurrence of the Senate, to commemorate after death any alumnus of this University who shall have been a great benefactor thereof, or shall have achieved distinction in any career or subject, and in particular:—

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

By eminent services to South Australia or the Empire.

By signal acts of Philanthropy.

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

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

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

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

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

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

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

Concurred in by Senate, 22nd August, 1900.

Alumni Commemorated:

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

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

RESIDENTIAL COLLEGES

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

ST. MARK'S COLLEGE

St. Mark's College, the first residential college in the University of Adelaide, was founded by a committee formed at a public meeting held under the chairmanship of the Bishop of Adelaide on 29th May, 1922. The Committee obtained some £12,000 by public subscription, bought the residence of the late Sir John Downer on Pennington Terrace, North Adelaide, and secured two acres of land adjoining, thus providing room for the foundation of a College of 150 men. The College was affiliated in 1924, and opened for students in March, 1925. It was immediately found necessary to provide additional accommodation, and in 1925-6 and in 1926-7 a three-storey building of thirty rooms was erected as the first portion of a main quadrangle on the vacant land. Since then the College has acquired additional properties and buildings and now provides residence for over 100 tutors and undergraduates.

The College is governed by a Council of twenty-four members representing the Church of England, the Council of the University, the Governors of St. Peter's College, the College Council, and the Old Collegians. The Chairman is Sir J. Keith Angas. Although the College is primarily under the sponsorship of the Church of England, it is freely open to men of all religious denominations.

From 1941 to 1945 inclusive the College leased its property to the Royal Australian Air Force. It re-opened in March, 1946, and again afforded residence in close proximity to the University, together with special tutorial assistance and other facilities for students.

Intending entrants should apply to

The Master—R. B. Lewis, B.A., B.Sc., St. Mark's College, Pennington Terrace, North Adelaide; Telephone M 9211.

ST. ANN'S COLLEGE

St. Ann's College was founded as the result of bequests by the late Mr. Sidney Wilcox of his house and grounds at Brougham Place, North Adelaide, and of a substantial sum of money to establish an undenominational college for women students attending the University. The College was incorporated and affiliated with the University in 1939. Owing to the outbreak of war in that year and for other reasons the College did not open until 1947.

The College comprises the late Mr. Wilcox's residence, three adjoining properties purchased by the College Council and a spacious Dining Hall and Common Room built in 1960. Situated within ten minutes' walk of the University, it provides a comfortable home in pleasant grounds for the students, who are afforded tutorial help in their studies and trained supervision. The College has accommodation for 77 students.

The College Council consists of fifteen members, of whom ten are women. It is comprised of two nominees of the University Council, two nominees of the Women Graduates' Association, one nominee of the Headmistresses' Association, and ten elected members. Miss Jean Gilmore, LL.B., is Chairman of the Council, Mr. R. A. Simpson Chairman of the Finance Committee, and Mrs. W. H. Lewis, B.A., Chairman of the House Committee.

Further details can be supplied by Miss L. Bush, M.A., Principal, St. Ann's College, Brougham Place, North Adelaide, or by L. T. Ewens, Chartered Accountant (Aust.), Secretary and Bursar, 12 Pirie Street, Adelaide.

AQUINAS COLLEGE

Aquinas College was incorporated in 1946 and by a statute of the University in 1947 was affiliated to the University as a Residential College under the auspices of the Roman Catholic Church for students of the University. In 1947, as a result of a public appeal, a substantial sum of money was collected, and in 1948 "Montefiore," just behind Colonel Light's Statue in North Adelaide, was purchased as a site for the College. This house was, for many years, the residence of the late Sir Samuel James Way, Chief Justice of South Australia for 40 years, and for 33 years Chancellor of the University. An additional two-storey building containing 26 bed-study rooms and the Junior Common Room was erected in the grounds in 1950. In 1951, the property, 21 Strangways Terrace, was purchased as a further addition to the College buildings. In 1953, Sir Collier Cudmore's home, 24 Palmer Place, was purchased and altered to provide a new kitchen, scullery, dining hall, chapel, common room and maids' quarters. A new block of 27 bed-study rooms was occupied at the beginning of 1960; and with the completion, in July, 1960, of a new central block joining the Eastern and Western wings, the College now accommodates 86 students.

With the approval of the University Council, the College was opened in 1950, 20 students being accepted in that year. On Sunday, September 30, 1951, the Formal Opening was performed by the Chancellor of the University, the Hon. Sir John Mellis Napier, K.C.M.G., LL.B.

The College is governed by a Council nominated by the Archbishop of Adelaide. The Most Rev. M. Beovich, D.D. Ph.D., is President of the Council, and the Most Rev. B. Gallagher, Ph.D., Bishop of Port Pirie, is Vice-President.

Applications for admission are made to the Rector and must be accompanied by satisfactory evidence of good character. Every student of the College signs the following declaration:

"I hereby promise to obey honourably the regulations of the College, to submit to its discipline, and to do all I can to uphold the honour of the College."

Tutorial classes and individual tuition are given in the College with the special object of assisting students in their University work. Non-resident students, men and women, are admitted to all College classes.

Students of the College enjoy the advantage of residence close to the University, corporate life, instruction in the doctrine and discipline of the Church, and tuition supplementary to University lectures. No student can be admitted to the College unless he has matriculated in the University, or proposes to matriculate within six months of his entry; and no student can remain a member of the College unless the College authorities are satisfied with his conduct and diligence.

The Rector is the Very Rev. Father Michael Scott, S.J., M.Sc., and the Dean is the Rev. Edmund Roarty, S.J., B.A.

LINCOLN COLLEGE

Lincoln College was established by the South Australian Conference of the Methodist Church of Australasia for students attending the University of Adelaide. For this purpose the residence of the late George Milne, Esq., in Brougham Place, North Adelaide, was purchased in 1951.

The College was incorporated in November, 1951, and the University granted affiliation in the following month. With the permission of the University Council, the College opened in March, 1952, with an enrolment of twenty-two students. A month later a neighbouring property on Brougham Place was acquired.

In addition to an initial gift of £10,000 by the Methodist Church, £35,000 was raised by public subscription for the foundation of the College.

Generous grants from the Commonwealth and State Governments and a ready response to the Joint Colleges' Appeal provided a further £44,000 towards the erection of a new residential block in 1959-60, and the College now accommodates just over 100 students.

The College is governed by a Council appointed by the Methodist Conference, to which the University Council appoints two representatives. The Chairman of the Council is the Rev. E. T. Pryor.

There is no credal condition for membership of the College. Applications for admission are made to the Master, and must be accompanied by satisfactory evidence of good character. College tutorial classes are arranged, and students are assisted in their University work. College classes are also open to non-resident students.

The College is situated within easy walking distance of the University, and the Students' Club organises the activities of the Junior Common Room.

The Master is the Rev. Frank Hambly, M.A., B.D.

AFFILIATION TO THE UNIVERSITIES OF
CAMBRIDGE AND OXFORD

UNIVERSITY OF CAMBRIDGE

Previous Examination.

The Previous examination of the University of Cambridge consists of three parts: Part I—Languages other than English (of which either Latin or Greek is compulsory); Part II—Mathematics and Science; Part III—English subjects.

A student who has passed the Matriculation Examination of the University of Adelaide may be exempted from the whole or part of the Previous Examination, according to the subjects in which he has passed at Leaving standard.

Degree Status.

The University of Adelaide is an Associated Institution in relation to the University of Cambridge, and graduates of Adelaide, who have been members of the University for three years at least, are entitled to the privileges of affiliation, including exemption from the Previous Examination, the right to reckon the first term of residence at Cambridge as the second, third, or fourth and other privileges depending upon the particular course of study which it is proposed to pursue at Cambridge.

Further particulars regarding these privileges may be obtained from the Registrar, University of Adelaide. D.55/33.

UNIVERSITY OF OXFORD.

Responsions.

A person who has passed the Leaving Examination conducted by the University of Adelaide may be exempted from Responsions (Matriculation Examination) in the University of Oxford, provided that he has passed in two of the following languages, of which Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

Junior and Senior Status.

1. Any student of the University of Adelaide who has pursued at the University a course of study prescribed by it and extending over at least two years may be admitted to the status and privileges of a Junior Student in the University of Oxford; provided that his course of study and the standard attained by him in any examinations proper to such a course are approved by the Hebdomadal Council. No course will be approved for this purpose which does not include the study of two of the following languages, of which either Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

2. Any person who has obtained at the University of Adelaide a degree approved by the Hebdomadal Council may be admitted to the status and privileges of a Senior Student; provided that he has

pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and other approved University or Universities, a course of study extending over at least three years.

(Note.—The Adelaide degrees, which have been approved by the Hebdomadal Council in this connexion are those of B.A., M.A., B.Ec., B.Sc., B.Ag.Sc., B.E., M.B., and LL.B.).

3. A medical student of the University of Adelaide may be admitted to the status and privileges of a Senior Student; provided that he has pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and other approved University or Universities, for at least three years a course of study leading to a degree in Medicine and has passed all examinations incidental to that portion of the course.

Particulars of the privileges of Junior and Senior Students may be obtained from the Registrar, University of Adelaide. D.55/33.

RECOGNITION OF THE UNIVERSITY BY TRINITY COLLEGE, DUBLIN

ARTS

Any student of this University producing the proper certificates that he has passed two years in Arts studies or has passed the examinations belonging to that period, will be entitled to put his name on the books of Trinity College, Dublin, as a Senior Freshman—a student with one year's credit; with this reservation, that if the Course of Arts which he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by examination in the omitted subject, or subjects, within one month after his name has been entered on the books.

MEDICINE

The Board of Trinity College, Dublin, has also passed the following resolution concerning medical studies:—

“That in Medical Schools recognized by the University of Dublin, two consecutive *anni medici*, taken at any period during the four years of the medical curriculum, be recognized as qualifying for admission to the examinations of the School of Physic.”

RECOGNITION BY THE ROYAL INSTITUTE OF CHEMISTRY

The Royal Institute of Chemistry has placed the University on the list of Institutions recognised for the training of candidates for the examinations of the Institute. Candidates for the associateship, who hold an Honours degree in Chemistry of the University, may apply under regulation 9 (3) for exemption from the examination.

THE AUSTRALIAN SOCIETY OF ACCOUNTANTS

The Australian Society of Accountants will grant exemption from all the examinations of the Society to Bachelors of Economics of the University of Adelaide who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law A, Commercial Law B, Economics I and Economic Statistics I. Applications for such exemption should be made to the State Registrar of the Society, from whom further information may be obtained.

ASSOCIATION OF UNIVERSITIES OF THE BRITISH COMMONWEALTH

The University is a member of the Association of Universities of the British Commonwealth, which publishes the *Universities 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 36 Gordon Square, London, W.C.1.

INTERNATIONAL ASSOCIATION OF UNIVERSITIES

The University is a member of the International Association of Universities, which was founded in 1950. One of its aims is "to promote academic co-operation at the practical level and in this way to provide useful services to University institutions throughout the world. . . ." The Association publishes the *International Handbook of Universities* which provides information on nearly 450 University institutions in 70 countries, as well as brief entries for over 1,000 other higher educational institutions. The *Handbook* may be consulted in the University Library, and copies may be obtained from the Secretary-General of the Association, 2 Place de Fontenoy, Paris VII, France.

THE INSTITUTE OF CHARTERED ACCOUNTANTS IN AUSTRALIA

The Institute of Chartered Accountants in Australia will grant exemptions from the Institute's Preliminary examinations and both stages of the Intermediate examination to graduates of the University who hold the Bachelor of Economics degree, and who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law A, Commercial Law B, Economics I and Economics II. Applications for exemption should be submitted to the State Registrar of the Institute, from whom further information may be sought.

THE JOSEPH FISHER LECTURE IN COMMERCE

The undermentioned Lectures have been delivered at the University in accordance with the provisions of Chapter XXVIII of the Statutes (see page 197). A list of the Lectures delivered between

1904 and 1928, inclusive, can be found in University Calendars prior to 1959:—

- 1929—"Public Finance in Relation to Commerce," by Professor R. C. Mills, LL.M., D.Sc. (Econ.).
- *1930—"Current Problems in International Finance," by Professor T. E. G. Gregory, D.Sc. (Econ.).
- *1932—"Australia's Share in International Recovery," by A. C. Davidson, Esq.
- *1934—"Gold Standard or Goods Standards," by L. G. Melville, Esq., B.Ec., F.I.A.
- 1936—"Some Economic Effects of the Australian Tariff," by Professor I. F. Giblin, D.S.O., M.C., M.A.
- *1938—"Australian Economic Progress against a World Background," by Colin Clark, Esq., M.A.
- *1940—"Economic Co-ordination," by Roland Wilson, Esq., B.Com., D.Phil., Ph.D.
- *1942—"The Australian Economy during War," by the Right Hon. R. G. Menzies, K.C., LL.M., M.P.
- *1944—"Problems of a High Employment Economy," by H. C. Coombs, Esq., Ph.D.
- *1946—"Necessary Principles for Satisfactory Agricultural Development in Australia," by Professor S. M. Wadham, M.A.
- *1948—"The Importance of the Iron and Steel Industry to Australia," by Essington Lewis, Esq., C.H.
- *1950—"The Economic Consequences of Scientific Research," by Professor J. B. Condliffe, M.A., D.Sc.
- *1952—"Australian Agricultural Policy," by J. G. Crawford, Esq., M.Ec.
- *1954—"Economics of Federal-State Finance," by Professor W. Prest, M.A., M.Com.
- *1956—"Japan and the General Agreement on Tariffs and Trade," by Professor J. E. Meade, C.B., M.A., F.B.A.
- *1958—"National Superannuation—Means test or contributions," by Professor R. I. Downing, B.A., Dip.Ec.
- *1960—"Mass Entertainment: The Origins of a Modern Industry," by Professor A. Briggs, M.A., B.Sc. (Econ.).

*Copies of these lectures may be obtained free of charge on application to the Registrar, University of Adelaide. The other lectures are out of print.

THE AUSTRALIAN SOCIETY OF ACCOUNTANTS LECTURE IN ACCOUNTANCY

Whereas in 1945 the Council accepted the offer of the Commonwealth Institute of Accountants to provide an annual sum for the purpose of promoting an annual public lecture on some aspects of Accounting; and whereas that offer has subsequently been renewed by the Australian Society of Accountants (hereinafter called the Society) which on its formation in 1952 absorbed the Commonwealth Institute of Accountants, it is hereby provided as follows:

1. A lecture to be called the Australian Society of Accountants Lecture in Accounting shall be given annually in the University in accordance with these Rules.

2. The selection of the Lecturer, and the general arrangements for the lecture, shall be made by the Council of the University, on the advice of a Committee consisting of two representatives of the University nominated by the Faculty of Economics and two representatives of the Society.

3. The administrative work associated with the lecture shall be carried out by the University, except that all invitations for members of the Society shall be sent to the Society for distribution by the Society.

4. Beginning in the year 1958, the Society shall pay the University each year the sum of £50, which shall be paid into a fund from which the University shall pay all the costs of the lecture including such travelling and other expenses of the Lecturer, and such other expenses incidental to the giving of the lecture, as the Council may approve.

5. The lecture shall, as soon as practicable after it has been delivered, be published by the Society in its Journal; and the Society shall make available to the University without cost, for free distribution, such reprints as may be required.

6. Admission to the lectures shall be free.

7. These rules may be varied from time to time by the Council, with the consent of the Society.

The following lectures have been given:

- 1945—"Theory and Practice in Accounting for Commodity Stocks," by Mr. A. A. Fitzgerald, B.Com., F.I.C.A.
- 1946—"Differential Costs as an Aid to Management," by Mr. W. D. Scott, F.I.C.A., A.C.A. (Aust.).
- 1947—"Basic Concepts of Cost," by Mr. H. F. Downes, Dip.Com. (Melb.), A.C.I.A.
- 1948—"Modern Developments in Corporate Accounting," by Mr. R. A. Irish, F.I.C.A., F.C.A. (Aust.).
- 1949—"The Formal Structure of Accounts," by Mr. F. Sewell Bray, F.C.A., F.S.A.A., Senior Nuffield Research Scholar in Applied Economics, Cambridge.
- 1950—"Accounting and Financial Policy," by Mr. R. J. Chambers, B.Ec., A.I.C.A.
- 1951—"Integration of Taxation and Accountancy Principles in Commonwealth Income Tax," by Mr. J. M. Greenwood, LL.B., F.I.C.A.
- 1953—"Dilemmas and Challenges in Modern Accounting," by Professor Mary E. Murphy, Ph.D. (London), C.P.A.
- 1954—"The Capital Structure of Australian Companies," by Mr. K. C. Keown.
- 1956—"Depreciation—Purposes and Methods," by Professor M. L. Black, Jr., M.B.A., C.P.A.
- 1957—"Current Accounting Developments in the United States," by Professor Robert L. Dixon, M.B.A., Ph.D., C.P.A., Professor of Accounting, University of Michigan.
- 1958—"The Province of Accounting," by Professor Louis Goldberg, B.A., M.Com., F.A.S.A.
- 1959—"The Developing Role of the Accountant in Management," by Professor E. B. Smyth, F.A.S.A.
- 1960—"University Education for Business," by Professor R. L. Mathews, B.Com.

THE ROBIN MEMORIAL LECTURE

Whereas a committee of old students and friends of the late Professor Rowland Cuthbert Robin, M.E., has raised a sum of money and given it to the University for the purpose of establishing a memorial lecture, it is hereby provided as follows:

1. A lecture to be known as The Robin Memorial Lecture shall be given from time to time in the University of Adelaide in accordance with the provisions of these Rules.
2. Normally a lecture shall be given each alternate year, but the Council may vary that interval on any occasion for a reason which it deems adequate.
3. The lecture shall be on some subject which the Council, with the advice of the Faculty of Engineering, considers to be in accordance with the general theme "Engineering and the Community."
4. The lecturer, who shall be an eminent engineer or other person of eminence, shall be appointed by the Council on the nomination of the Faculty of Engineering.
5. The annual income arising from the fund, and from any subsequent donations thereto, shall accumulate during the intervals between lectures. The income shall be used to pay the honorarium of the lecturer, and such of his expenses and of the other expenses associated with the giving of the lecture as the Council may from time to time approve. The honorarium of the lecturer shall be ten guineas, until the Council decides otherwise.
6. Admission to the lectures shall be free to the public.
7. These Rules may be varied from time to time, but the title and object of the lecture shall not be changed.

Lectures

- 1954—"The Engineer in the Community," by Sir Claude Gibb, Kt., M.E., F.R.S.
- 1956—"Water and the Community," by Mr. W. H. R. Nimmo, M.C.E., M.Inst.C.E., M.Am.Soc.C.E., M.I.E.(Aust.).

THE GAVIN DAVID YOUNG LECTURES IN PHILOSOPHY

The undermentioned series of lectures have been delivered at the University in accordance with the provisions of Chapter LXXVI of the Statutes (see page 233).

- 1956—"Thinking," by Professor G. Ryle, M.A.
- 1959—"Terms and Objects," by Professor W. V. Quine, M.A., Ph.D.

ADULT EDUCATION CLASSES

These classes—consisting of Tutorial Classes, Lecture Classes, and Study Circles—were established by the University in 1917 to provide facilities in further education for people who have no intention of proceeding to a degree, and are unable to attend the ordinary University courses. In 1958 the administration of classes was made the respon-

sibility of the Adult Education Board set up by the Council of the University. A tutorial class covers a three years' period of study, with 20 to 30 meetings in each year, each meeting consisting of an hour's lecture followed by questions and discussion. Students are expected to do written work prescribed by the tutor and to give an assurance of regular attendance.

Lecture classes and study circles also meet 20 times a year, but students are not obliged to do written work.

The University provides a library for students of these classes. Students pay a fee of £2 for a class of 20 meetings, and *pro rata* for longer courses.

Syllabuses and further information about University extra-mural work may be obtained on application to the Director of Adult Education, The University, Adelaide, or to the General Secretary of the Workers' Educational Association, The University, Adelaide.

SUMMER SCHOOL OF BUSINESS ADMINISTRATION

Since 1956 the Faculty of Economics, in co-operation with other departments of the University, has organised an annual one-day Summer School of Business Administration. The School is intended primarily for senior executives in the professions and business, and takes the form of a number of papers presented by University and visiting lecturers, followed by general discussion.

The proceedings of the School are subsequently published, and the following booklets (the titles of which indicate the themes of the Schools) may be obtained free of charge on application to the Registrar:

- 1956 Business and Society.
- 1957 Electronics and Automation.
- 1958 Business and Economic Policy.
- 1959 Australian Development.
- 1960 Banking and Business.
- 1961 The Australian Economy 1961—Trends and Prospects.

EVENING LECTURES

1. Originally established under a special grant from the Government, courses of evening lectures in Arts and Science subjects are provided each year for the benefit of teachers and others. Arrangements have been made to give courses of lectures in the following subjects during 1961, provided that sufficient students enrol for each class: Biology, Chemistry I, Comparative Philology, Economics II, Economic Development II, Economic Statistics I, Education, Educational Psychology II, English I and II, French I, Geology I, Geography I and III, Economic Geography, German II and II, Older German I and II, History IA, IIB, IIIA and IIIB, Hygiene, Latin I, General Mathematics, Philosophy I, General Physics, Physics I, Politics IIA and IIIB, Psychology IA, I, IIB, and IIIA, Public Finance, Elements of Accounting, Financial Accounting, Commercial Law B.

2. The Education Department has established studentships for the encouragement of such students (for details, see Evening Studentships, page 336.

SCHOLARSHIPS, GRANTS, EXHIBITIONS, AND PRIZES

FACULTY OF ARTS.

The Barr Smith Prize for Greek.

The late Robert Barr Smith in 1908 gave the sum of £150 to provide for an annual prize in Greek. The prize is of the value of £10, and is awarded to the matriculated or graduate student who is placed first in the annual examination in Greek I in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

Awards.

For previous awards, see Calendars from 1913.

1947-1957	No award	1959	Bulkeley, Robert I. P.
1958	Tsangaris, George P.	1960	Guerin, Bruce.

The Andrew Scott Prize for Latin.

This prize was founded by private subscription, in memory of the late Andrew Scott, B.A. It is of the annual value of £6, and is awarded to the matriculated or graduate student who is placed first in the annual examination in Latin I, in the course of the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

Awards.

For previous awards, see Calendars from 1913.

1957	Kelly, David St. Leger	1959	Bulkeley, Robert I. P.
1958	Klaebe, Kenneth E.	1960	Guerin, Bruce.

The James Gartrell Prize.

RULES

Whereas James Gartrell has given the sum of £200 for the purpose of establishing an annual prize of £10: It is hereby provided that the same shall be awarded to the best matriculated or graduate student in Comparative Philology in the annual examination for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit, and that no student shall be eligible for the prize who has not passed in at least two units in the course for the B.A. degree in the year in which he presents himself in the examination in Comparative Philology.

As amended by Council, 27th June, 1930.

Awards.

For previous awards, see Calendars from 1932.

1956	Andrews, Judith Mary	1958	No award.
1957	Donaldson, Pamela M. } equal	1959	Bulkeley, Robert I. P.
	Mann, Airdrie Jean } equal	1960	Fennell, Trevor G.

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 183.

Awards.

For previous awards, see Calendars from 1904.

Prizemen:

1957	Wilson, Philippa Morag	1959	Hyslop, Alexander
1958	O'Grady, Helen P.	1960	McNally, Marie C.

Scholars:

1937	Kerr, Colin Gregory	1949	Wall, Barbara Deane
1945	Smith, Cecil Teesdale	1955	Tregenza, John Miller

The Tormore Prize.**RULES**

Whereas the sum of £130 has been paid to the University by the Old Scholars of Tormore House School for the purpose of founding a prize to perpetuate the memory of the said school: It is hereby provided that—

A prize of the value of not less than £6 shall be awarded annually to the matriculated woman student in the first-year course in English Literature who, in the opinion of the Jury Professor of English Language and Literature, has written the best essays during the year. Unless the essays are of sufficient merit, the prize shall not be awarded. The money shall be spent on books approved by the Professor, and suitably inscribed.

Made by Council 25th November, 1921. Amended 30th May, 1958.

Awards.

For previous awards, see Calendars from 1927.

1957	Sykes, Meredith Elizabeth	1959	Cranwell, Elizabeth
1958	Horgan, Lillian V.	1960	Mawet, Jacqueline.

The Byard Prize.

Whereas the sum of £130 has been paid to the University by Mrs. Amy Matilda Beddome for the purpose of founding a prize to perpetuate the memory of her father, the late Douglas John Byard: It is hereby provided that—

A prize of the value of not less than £6 shall be awarded annually to the matriculated male student in the first course in English Literature who, in the opinion of the Jury Professor of English Language and Literature, has written the best essays during the year. Unless the essays are of special merit, the prize shall not be awarded. The money shall be spent on books approved by the Professor, and suitably inscribed.

Made by the Council 30th May, 1958.

Awards.

1958	Newell, Leonard N. M.	1960	Wright, Robert K. McG.
1959	Eckersley, Peter D.	} equal	
	Wilhelm, Leslie R.		

The Edith Hübbe and Harriet Cook Prize.**RULES.**

Whereas the sum of Five Hundred Pounds has been paid to the University by the past pupils of the Knightsbridge School for the purpose of founding with the income thereof a prize in memory of the late Mrs. Edith Hübbe and the late Miss Harriet Cook, former Headmistresses of that school, to be called The Edith Hübbe and Harriet Cook Prize:

It is provided that—

1. The Edith Hübbe and Harriet Cook Prize shall be of the value of £16 and shall be available for award annually.

2. Provided that in the opinion of the examiners the candidate is of sufficient merit the Prize shall be awarded to the undergraduate placed first in the Annual Examination in English III.

3. The Council may vary these rules but the title of the Prize shall not be changed.

Awards.

For previous awards, see Calendars from 1959.

1957	O'Grady, Helen Patricia	1959	Leader, Wendy M.
1958	Depasquale, Paul	1960	Holt, Betsy S.

The Bunday Prize for English Verse.

This prize, of the value of £10, was founded by Miss E. Milne Bunday in memory of the late Sir Henry and Lady Bunday.

For conditions, see Statutes, Chapter XXXV, page 203.

In 1960 the prize will be awarded for the best poem submitted, without restriction of subject.

Candidates who desire further details are advised to apply to the Dean of the Faculty of Arts.

Awards.

For previous awards, see Calendars from 1926.

1941	Harris, Maxwell Henley	1950	Hansen, Ian Victor, B.A.
1947	Taylor, Michael Gleeson	1957	Walsh, Elizabeth Jan, B.A.

The Sir Archibald Strong Memorial Prize for Literature.

This prize, of the value of £15, was founded by the Misses Bedford in memory of the late Sir Archibald Strong.

For conditions, see Statutes, Chapter LXXII, page 229.

Awards.

1959	Holt, Betsy S.	1960	Woodroffe, Alison E.
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The M. Rees George Memorial Prize.**RULES.**

Whereas the sum of £200 has been paid to the University by the South Australian Branch of the League of the Empire and the Old Scholars of the Advanced School for Girls for the purpose of establishing a prize in French in memory of the late Miss Madeline Rees George: It is hereby provided that a prize of the value of not less than Six Pounds (£6), to be known as The M. Rees George Memorial Prize, shall be awarded annually to the matriculated or graduate

woman student who secures the highest place in the annual examination in French I (both written and oral sections) in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit. The prize shall be awarded either in books, for which a special book-plate will be provided, or in money, as the successful candidate may desire.

NOTE: While the credit balance of the income from the endowment will permit, two prizes may be awarded in any year in which two candidates of sufficient merit present themselves.

Awards.

For previous awards, see Calendars from 1938.

1958	Pukitis, Ilze	} equal	1959	Abbie, Elizabeth M.
	Schubert, Jane H.		1960	Cornell, Christine H.

The Violet de Mole Memorial Fund.

RULES

The sum of £256 (increased in 1952 to £456) having been paid to the University for the purpose of establishing a fund to perpetuate the memory of the late Miss Violet de Mole, the following rules are hereby made:

1. A prize, to be known as The Violet de Mole Prize in French and consisting of a book or books of the value of £5/5/-, shall be awarded annually to the matriculated or graduate candidate placed first in the annual examination in French III, provided that there is a candidate of sufficient merit. The book or books shall be selected by the prizeman with the approval of the Professor of French Language and Literature, and shall be furnished with the book-plate that has been designed for the purpose.

2. The balance of the income from the Fund, after payment of the prize provided for in Rule 1, shall be used for the purchase of books for the Barr Smith Library. Each book so purchased shall contain a bookplate indicating that it is part of The Violet de Mole Memorial Library. These books shall be selected by the Professor of French Language and Literature in consultation with the Librarian.

Awards

For previous awards, see Calendars from 1953.

1958	Lucas, Diana M.	} equal	1959	Wagstaff, Rosemary
	Nettelbeck, Colin W.		1960	Pukitis, Ilze

The Weimar-Ohlstrom Prizes.

Whereas Mrs. Leonore Ohlstrom has given the sum of £300 to the University for the purpose of establishing annual prizes in German in memory of her late husband, Patrick Andreas Ohlstrom, the following rules are hereby made:

1. Two prizes to be known as the Weimar-Ohlstrom Prizes shall be offered for competition each year.

2. Provided that in each case there is a candidate of sufficient merit —

(a) a prize of the value of two-thirds of the annual income from the endowment shall be awarded to the undergraduate placed first in the annual examination in German II;

(b) a prize of the value of one-third of the annual income from the endowment shall be awarded to the undergraduate placed first in the annual examination in German I.

3. Each prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Head of the Department of German.

4. These rules may be altered from time to time by the Council but the title and general purpose of the prizes shall not be altered.

Awards.

For previous awards, see Calendars from 1959.

- | | | | |
|------|-----------------------------------|--|--|
| 1958 | Paul, Peter (German I) | | |
| | Ratz, Alfred E. (German II) | | |
| 1959 | Abbie, Elizabeth M. (German I) | | |
| | Day, Jennifer A. (German II) | | |
| 1960 | Thiersch, Marie-Louise (German I) | | |
| | Schlick, Werner J. (German II) | | |

The Fred Johns Scholarship for Biography.

For conditions of award, see Statutes, Chapter LV, page 217.

The length suggested for biographies is from 50,000 to 75,000 words, but candidates will not be debarred from submitting biographies either longer or shorter than the length indicated.

Each biography must include a synopsis, a full bibliography, and adequate references to the original authorities for the statements made; and candidates are recommended to submit their works in typewriting.

Awards.

- | | | | |
|------|-------------------------|------|-------------------------|
| 1938 | Brown, H., M.A., B.Ec. | 1953 | Dutton, G. P. H., B.A. |
| 1951 | Reed, T. Thornton, M.A. | 1956 | Renfrey, L. E. W., B.A. |
| 1952 | Elliott, B. R., M.A. | | |

The Tinline Scholarship for History.

This scholarship, of the annual value of £30, is offered annually, and is tenable for two years. It was founded by George John Robert Murray, a member of the Council of the University, in memory of the family of his mother.

For conditions, see Statutes, Chapter XXX, page 199.

Awards.

For previous awards, see Calendars from 1913.

- | | | | |
|------|--------------------------|------|-----------------------|
| 1957 | Phillips, Walter Wynne | 1959 | Goldsworthy, David J. |
| 1958 | Curnow, Ellen I. } equal | 1960 | Rooney, Meredith J. |
| | Playford, John D. } | | |

The Natalia Davies Prize.

RULES.

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

1. There shall be a Prize of the annual value of £10 and known as the Natalia Davies Prize.

2. The Prize shall be available for award annually to the candidate in a first-year course in the School of History deemed by the examiners to be the most meritorious matriculated or graduate student of

first-year History in that year; but no award shall be made unless the examiners are satisfied that the candidate is of sufficient merit.

3. The value of the Prize shall be awarded in books dealing with some aspect or aspects of history preferably of the British Empire or of the British Commonwealth of Nations. The books, which shall be selected by the prizeman subject to the approval of the Professor of History, shall be furnished with a book-plate designed for the purpose.

4. These rules may be altered from time to time by the Council, but the title and purpose of the Prize shall not be altered.

Awards.

For previous awards, see Calendars from 1955.

1959	Horgan, Lillian V.	} equal	1960	Brooking, Leslie J.
	Kerin, Mary B.			

The Roby Fletcher Prize.

This prize was founded by public subscription in memory of the late Rev. W. Roby Fletcher, M.A., formerly Vice-Chancellor of the University. It is of the value of £10, and is offered annually. For conditions, see Statutes, Chapter XX, page 189.

Awards.

For previous awards, see Calendars from 1904.

1957	Knauerhase, Juliet M. L.	1959	Harris, Charles L.
1958	Hume, Beryl M.	1960	Hopkirk, Kenneth D.

The Jefferis Memorial Medal.

RULES

Whereas the sum of fifty pounds has been paid to the University for the purpose of providing a medal in honour of the Rev. James Jefferis, LL.D., who was closely associated with the University from its foundation till his death in 1918: It is hereby provided that—

1. There shall be a medal to be awarded annually, and called the Jefferis Medal.

2. It shall be awarded for distinction in the study of Philosophy, and it shall not be awarded except for work of high merit.

3. Provided that in the opinion of the Professor of Philosophy the essay is of sufficient merit the Medal shall be awarded each year to the matriculated or graduate student in either Philosophy IIIA or Philosophy IIIB who has written the best essay during the year.

4. The medal shall not be awarded to the same person more than once.

Made by Council, 1951.

NOTE: While the credit balance of the income from the endowment will permit, each award of the medal will be supplemented by a cash prize of three guineas.

Awards.

For previous awards, see Calendars from 1957.

1957	Medlin, Brian Herbert	1959	Kimber, Gillian
1958	Deutscher, Maxwell J.	1960	Hinckfuss, Ian C.

The British Psychological Society Prize in Psychology.

RULES

The Australian Branch of the British Psychological Society, having agreed to provide an annual prize the purpose of which shall be the encouragement of the study of Psychology by third-year students, the following rules are hereby made:

1. The prize shall be called "The British Psychological Society Prize in Psychology."
2. The value of the prize shall be £5, until otherwise determined.
3. The prize shall be awarded each year to the matriculated student who has, in that year, most distinguished himself in the course in Psychology III, provided that no award shall be made if no candidate is deemed of sufficient merit.
4. These rules may be varied from time to time by the Council.

Awards.

- | | | | |
|------|-------------------|------|---------------------|
| 1958 | No award. | 1960 | Berndt, Margaret B. |
| 1959 | Grastins, Dagnija | | |

The Anna Florence Booth Prize.

This prize, of the value of £16, is offered annually, and is awarded for work in Social Studies. It was founded by Mr. Sydney Russell Booth in memory of his wife.

For conditions, see Statutes, Chapter LXII, page 221.

Awards.

- | | | | |
|------|----------------------------------|---------|--|
| 1940 | Broomhead, Edwin Norman,
M.A. | 1947 | Worthley, Boyce Wilson,
B.A., M.Sc. |
| 1943 | Knauerhase, Oscar Carl, B.A. | 1948-60 | No award. |

John Lewis Prize in Geography.

The Council has accepted the offer of the Royal Geographical Society of Australasia (South Australian Branch Inc.) to provide an annual prize, to be called the John Lewis Prize, for the candidate placed first at the annual examination in Geography I. The prize shall be of the value of £5. The award shall not be made unless the examiner is satisfied that the candidate has shown sufficient merit.

Awards.

For previous awards, see Calendars from 1960.

- | | | | |
|------|----------------------|------|-----------------------------|
| 1957 | Bickerton, Ian James | 1959 | Faull, James F. |
| 1958 | Burnard, Sally M. | 1960 | Kappler, Stewart G., A.U.A. |

The Archibald Grenfell Price Prize in Geography.

RULES

The sum of £110 having been given to the University by St. Mark's College Club for the purpose of establishing a prize to be known as the "Archibald Grenfell Price Prize in Geography," the following rules are made:

1. A prize, to be known as The Archibald Grenfell Price Prize in Geography, shall be awarded annually to the matriculated or graduate candidates placed first in the annual examination in Geography III in the course for the degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

2. The value of the prize shall be £5/5/- until the Council decides otherwise.

Awards.

- | | | | |
|------|----------------------------|------|---------------------|
| 1957 | Donaldson, Pamela Margaret | 1959 | Octoman, Deirdre J. |
| 1958 | Ware, Dorothy A. | 1960 | Burnard, Sally M. |

The Charles Fenner Prize in Geography.

This prize was founded by private subscription in memory of the late Charles Fenner, D.Sc. It is of the annual value of £5, and is awarded to the matriculated student who is placed first in the Annual Examination in Geography II in the course for the ordinary degree of Bachelor of Arts, provided that the candidate is, in the opinion of the examiners, of sufficient merit.

Awards.

1957	George, Brenton	1959	Burnard, Sally M.
1958	Hutton, Allan V.	1960	Hansberry, Sara

Overseas Scholarships in Arts and Economics.

RULES

1. The Council, on the recommendation of the Faculty of Arts, may in any one year award one Postgraduate Overseas Scholarship tenable abroad, or in special circumstances two.

2. The normal tenure of a scholarship will be two years, beginning about July or August. In exceptional cases the period of tenure may be extended for a third year, but not longer.

3. (a) Each scholarship will be of the value of £600 Sterling a year, until the Council decides otherwise.

(b) One quarter of the annual value of the scholarship will be paid to the scholar before his departure from Australia; and the balance in equal quarterly instalments in advance thereafter.

(c) Payment of the scholarship for the second year will be contingent upon the Faculty's receiving, from the candidate's supervisor or from the Head of the Department in which he is studying, a satisfactory report on his work during the first year.

4. To be eligible for nomination by the Faculty a candidate must:

(a) be under the age of 25 years on December 31 of the year preceding that for which the award is sought;

(b) have obtained, within the previous three years, the Honours Degree of Bachelor of Arts or of Economics in the University of Adelaide;

(c) submit, for the approval of the Faculty, a proposed course of advanced study or research extending over not less than two years of full-time work at an approved University or similar institution abroad;

(d) show, to the satisfaction of the Faculty, that if granted an Overseas Scholarship he would have sufficient additional funds to enable him to travel to the University or similar institution of his choice, and there to undertake the proposed course.

5. Before nominating an eligible candidate the Faculty will take into consideration:

(a) the likelihood that the candidate will be able to complete successfully his proposed work overseas;

(b) the desirability and probability of the candidate's obtaining study opportunities of a type not available to him in Australia.

6. (a) Applications through the Head of the candidate's Department should be made to the Faculty in or about August of the year preceding that for which the award is sought.

(b) A candidate who expects to take the examination for his Honours Degree in the following November may apply in August in anticipation of his results.

(c) Nominations for scholarships to begin about July or August will normally be made to the Council by the Faculty in the preceding December.

7. The holder of an Overseas Scholarship shall submit annually to the Faculty, in or about July of each year, a report on the work he has done in the preceding academic year.

Awards.

For previous awards, see Calendars from 1944.

- For 1958 Bradley, Michael Charles, B.A.
Wilson, Philippa Morag, B.A.
For 1959 O'Grady, Helen Patricia, B.A.
Kersten, Lee Irving, B.A.
For 1960 Goldsworthy, David J., B.A. (relinquished)
Nettlebeck, Colin W., B.A.
Deutscher, Maxwell J., B.A.
For 1961 Glenn, Margaret Joy, B.A.
Rooney, Meredith Jean

FACULTY OF SCIENCE.

The Ernest Ayers Scholarship in Botany or Forestry.

The late Ellen Milne Bunday, Mus. Bac., bequeathed the sum of £1,236 for the purpose of founding a scholarship for the encouragement of original research in Botany or Forestry. The scholarship is of the value of £120, and is offered in alternate years.

For conditions, see Statutes, Chapter XLIII, page 211.

Awards.

For previous awards, see Calendars from 1930.

- | | | | |
|------|-----------------------------|------|---------------------|
| 1949 | Jeffery, Margaret W., B.Sc. | 1955 | Burns, Erica Marian |
| 1951 | Martin, Peter Gordon | 1957 | No award. |
| 1954 | Brown, Judith Eileen | 1959 | No award. |
| | Martin, Helene Alice | | |

The John Bagot Scholarship and Medal.

This scholarship, founded by Mrs. John Bagot in memory of her husband, provides exemption from fees in the Department of Botany up to the value of £20. Should it be awarded to a student already entitled to exemption from such fees, it shall be awarded at the option of the student, in books, instruments, or cash, to the value of £20.

Until 1932 the medal was awarded with the scholarship, but it is now offered annually for the best original work in Botany embodied in a thesis.

For conditions, see Statutes, Chapter XXXIV, page 202.

Awards.

For previous award, see Calendars from 1914.

Scholarships.

For previous award, see Calendars from 1959.

1959	McIntosh, Graeme H. (relinquished).	1960	Baldock, Robert N. Millard, Diane L.	} equal
	Robinson, James B.			

Medal.

1940 Mercer, Frank Verdun

The Elsie Marion Cornish Prize.**RULES**

Whereas the Reverend Raymond Baron Cornish has given to the University the sum of £250 for the purpose of establishing an annual prize in memory of the late Elsie Marion Cornish, who for many years tended the gardens in the University grounds, it is hereby provided as follows:

A prize of the value of £7 7s., to be known as The Elsie Marion Cornish Prize, shall be awarded annually to the student placed first in the list of candidates who pass with distinction in the annual examinations in Botany III as prescribed for the Ordinary degree of Bachelor of Science.

Awards.

For previous awards, see Calendars from 1954.

1957	Ward, Margaret Hawthorne	1959	Chong Peng Wah
1958	No award.	1960	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 Angus 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 216.

Awards.

For previous awards, see Calendars from 1960.

1949	Seidler, Jan Hynek	1957	No award.
1952	Thompson, Malcolm James	1961	Ramsay, George C., B.Sc.
1954	Gooden, John E. A.		

The Tate Memorial Medal.**RULES**

Whereas a sum of sixty pounds has been subscribed with the intention of founding a medal in memory of the late Ralph Tate, sometime Professor of Natural Science in this University, and whereas the said sum has been paid to the University for the purpose of establishing a medal: It is hereby provided that—

1. A medal to be called the Tate Memorial Medal shall be offered annually for the best original work in Geology. A candidate may be required to pass an examination in the subject matter of his thesis.

2. Any student in the University shall be eligible to compete for the medal, provided that the thesis is submitted within three years

of the completion of a prescribed course in Geology; but the medal shall not be awarded to the same person more than once.

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

4. No medal shall be awarded to a candidate who, in the opinion of the Council, is not deserving of it.

5. Each candidate to whom an award of the medal is made shall deposit either the original or an approved copy of his thesis in the University library before he receives the medal.

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

Awards.

For previous awards, see Calendars from 1932.

1953	Woodard, Geoffrey D.	1956	Daily, Brian, B.Sc.
1954	Chinner, Graham A.	1957-60	No award.
1955	No award		

The Lowrie Scholarships.

These scholarships, of the value of £150 each, were provided by an anonymous donor for the purpose of encouraging postgraduate research in agriculture.

For conditions, see Statutes, Chapter XXXIII, page 201.

Awards.

1916	Stephens, Cyril F., B.Sc.	1925	Jacobs, Maxwell R., B.Sc.
1921	West, Eric Stadden, B.Sc.		(resigned 1926)
1923	Lewcock, Harry K., B.Sc.	1928	Piper, Gordon R., B.Sc.

The James Barrans Scholarship.

This scholarship, founded by the late Sarah Barrans, in memory of her brother, the late James Barrans, is of the value of £90 and is awarded annually, provided that there is a candidate of sufficient merit. Preference in the selection of the scholar is given in alternate years to candidates in Science and in Engineering respectively.

For conditions, see Statutes, Chapter LXV, page 223.

Awards.

For previous awards, see Calendars from 1954.

1955	Sando, Margaret	1958	McGowran, Brian
1956	Brett, Peter Robin	1959	Heath, George R.
1957	Beck, Kevin Charles	1960	No award.

The J. R. Wilton Prize.

RULES

In order to perpetuate the memory of the late Professor J. R. Wilton, Elder Professor of Mathematics in the University of Adelaide from 1920 to 1944, the sum of £100 has been raised by friends, former students, and others, and has been given to the University to establish an annual prize in the Department of Mathematics. The prize, of the value of £4/4/-, shall be known as the J. R. Wilton Prize and shall be awarded at the discretion of the Elder Professor of Mathematics

to the student who has achieved the greatest distinction in the work and examinations of the third-year courses in Mathematics. The prize shall lapse in any year in which there is no candidate of sufficient merit; and it shall not be awarded more than once to the same student.

Awards.

1958	Wells, Gregory W.	1959	Jones, Alan S.	} equal
			Szekeres, Peter	
	1960	Waechter, Raymond T., B.E.	} equal	
		Bennett, Gregory W.		

Postgraduate Scholarship in Physics.

Philips Electrical Industries Pty. Limited undertook in 1954 to provide for three years a Postgraduate Scholarship in Physics; and in 1957 the Company agreed to continue the scholarship "until further notice."

The value of the Scholarship is £750 a year; its purpose is to encourage research in the field of electronics; and it is awarded on the nomination of the Professor of Physics. (D.3/55)

Awards.

For previous awards, see Calendars from 1959.

1957	Elford, Malcolm T., Ph.D.	1959	Bagot, Charles H., B.Sc.
1958	Mainstone, John S., B.Sc.	1961	Burley, Simon P., B.Sc.

The Union Carbide Prizes.

The Council having accepted the offer of Union Carbide Australia Limited to provide two annual prizes of £50 each for students of Chemistry and Chemical Engineering, the following rules are hereby made:

1. The prizes shall be known as "The Union Carbide Prizes".
2. The object of the prizes is to encourage students to undertake further studies leading to an honours or a higher degree.
3. One prize shall be offered annually for award to the student who in the opinion of the Professors of Organic Chemistry and of Physical and Inorganic Chemistry shall have obtained the best results in that year in the two subjects Organic Chemistry III and Physical and Inorganic Chemistry III considered jointly.
4. The other prize shall be offered annually for award to the candidate who in the opinion of the Professor of Chemical Engineering submits the best thesis in that year as part of the work for the Honours degree of Bachelor of Engineering in Chemical Engineering.
5. No award of a prize shall be made if no candidate is deemed by the examiners to be of sufficient merit.
6. These rules may be varied at any time by agreement between the Company and the University, and the prizes may be withdrawn by the Company on its giving twelve months' notice of such withdrawal.

D.1584/60.

Award.

1960 Swann, John C. (Chemistry)

FACULTY OF AGRICULTURAL SCIENCE.**The D. B. Adam Memorial Prize.****RULES.**

Whereas a Committee of former students and friends of the late David Bonar Adam, B.Ag.Sc., has raised the sum of £300 and given it to the University for the purpose of establishing a memorial prize, the following rules are hereby made:

1. The prize shall be called The D. B. Adam Memorial Prize, and shall be available annually.
2. It shall consist of the sum of £9, or such other sum as the Council may from time to time determine.
3. It shall be awarded in or about November of each year to the undergraduate student who, in the opinion of the Faculty of Agricultural Science, is the best student in Plant Pathology and is of sufficient merit.
4. These rules may be varied from time to time by the Council, but the title and purpose of the prize shall not be changed.

Awards.

For previous awards, see Calendars from 1959.

1957	Haselgrove, Richard F.	1959	No award
1958	Dodman, Robert L.	1960	Randles, John W.

Australian Institute of Agricultural Science (S.A. Branch) Prize.**RULES**

Whereas the Council has accepted the offer of the South Australian Branch of the Australian Institute of Agricultural Science to provide annually a Prize of £10 in Agricultural Science, it is hereby provided that:

A Prize, to be known as the Australian Institute of Agricultural Science (S.A. Branch) Prize, will be available annually for award to the candidate who, on completing the course for the Ordinary degree of Bachelor of Agricultural Science, shall in the opinion of the Faculty of Agricultural Science be the most distinguished of the students completing the course in that year: but no award shall be made unless the Faculty is satisfied that the candidate is of sufficient merit.

Awards.

1957	Carraill, Robert Murray	1959	Cooke, James A. E.
1958	Jacobsen, John V.	1960	Puckridge, Donald W.

The Barr Smith Travelling Scholarship in Agriculture.

In 1953 Sir Tom Barr Smith gave to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith. The object of the fund is to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain.

The Scholarship is tenable at Cambridge University, for two years in the first instance, and is open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election.

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter LXXX, page 236.

Awards.

1955/7 Parsons, Peter Angas, 1958 Seamark, Robert F.
B.Ag.Sc.

FACULTY OF ENGINEERING.

The Angas Engineering Scholarship.

The Hon. J. H. Angas founded a scholarship of the value of £200 a year for two years, to "encourage the training of scientific men, and especially engineers, with a view to their settlement in South Australia."

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter XIII, page 180.

The scholarship is normally offered in alternate years. Candidates must give notice upon a special form obtainable at the University office.

Awards.

For previous awards, see Calendars from 1911.

1950 Crisp, John D. C., B.E.	1957 Moten, John M., B.E.
Kaneff, Stephen D., B.E.	(Syd.), B.Sc.
1952 Rose, Gordon Albert	1959 Kelly, Robert J., B.E.

The Angas Engineering Exhibition.

There are four exhibitions, each of the value of £15 per annum, tenable for four years by undergraduates in Engineering or Science. For conditions, see Statutes, Chapter XIII, Sections 10 to 17, inclusive, page 181.

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.

1958 Wilkinson, Philip L.	1960 Juttner, Christopher A.
(relinquished)	1961 Brooke, William J. L.
1959 Andrews, Anthony J.	

The Sir Robert Chapman Prize.

This prize was founded by former students of Sir Robert William Chapman, C.M.G., M.A., B.C.E., M.I.E. (Aust.), first professor of Engineering, and for fifty years a teacher in the University, in his honour. It consists of a printed reproduction of the portrait of Sir Robert Chapman and the sum of £10 10/-; and it is awarded on the results of the annual examination in Strength of Materials.

For conditions, see Statutes, Chapter LX, page 220.

Awards.

For previous awards, see Calendars from 1943.

1956	Kennedy, Michael Brian	1959	Vladcoff, Adrian N.
1957	Araszkiewicz, Wieslaw	1960	Fryer, Colin
1958	May, Kevin R.		

The Humes Prize in Civil Engineering.

Whereas Messrs. Humes Ltd. has agreed to provide an annual prize of £25 in Civil Engineering, the following rules are hereby made:—

1. The prize shall be called "The Humes Prize in Civil Engineering."
2. The prize shall be awarded annually to the matriculated student in the final year of the Civil Engineering course who attains the highest standard in the annual examination in Civil Engineering II; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1958	Schmid, Laurence J.	1960	Truscott, Edward G.
1959	Johns, Rodger N.		

The Australian Welding Institute Prize.

Whereas the Australian Welding Institute has agreed to provide an annual prize in Civil Engineering, the following Rules are hereby made:

1. The prize shall be called the "Australian Welding Institute Prize".
2. The prize shall be of the value of £20.
3. The prize shall be awarded by the Faculty of Engineering, on the recommendation of the Professor of Civil Engineering, to the matriculated student who submits as part of his work in the subject Civil Engineering IIB the best design of a Welded Steel Structure; provided that no award shall be made if no candidate is deemed of sufficient merit.

Award.

1960 Yap, Pak Khi

The Lokan Prize.

RULES

The sum of £100 having been paid to the University by the Adelaide University Engineering Society for the purpose of establishing a prize in memory of Robert Albert Lokan, formerly a student in the Department of Mining, it is hereby provided that:

1. A prize of the value of Three Pounds shall be awarded annually to the student who shall most distinguish himself in the annual examination in Ore-dressing, provided that he is of sufficient merit.

2. The prize shall be awarded in books, for which a special book-plate will be provided.

Awards.

For previous awards, see Calendars from 1949.

1957	No award	1959	No award
1958	Kelly, Robert J.	1960	Kelly, Bryan L.

The E. V. Clark Prize for Electrical Engineering.

RULES.

Whereas the sum of £150 has been paid to the University by Mrs. M. G. Clark for the purpose of founding a prize in memory of her late husband, Edward Vincent Clark, B.Sc., who directed the study of Electrical Engineering in the University of Adelaide from March, 1910 to February, 1943, it is hereby provided that:

1. The prize shall be called The E. V. Clark Prize for Electrical Engineering.

2. So long as the fund and the income thereof suffice for the purpose, the prize shall be of the annual value of £7/7/-.

3. The prize shall be awarded annually to the undergraduate placed first at the annual examination in the subject of Electrical Engineering I; provided that if in the opinion of the Professor of Electrical Engineering no candidate is of sufficient merit, no award shall be made.

4. These Rules may be varied from time to time by the Council, but the title and purpose of the prize shall not be changed.

Awards

For previous awards, see Calendars from 1956.

1957	Davis, Bruce Raymond	1959	Vladcoff, Adrian N.
1958	May, Kevin R.	1960	Cooper, Dennis N.

The Gerard Prize.

RULES

Whereas Gerard Trust Ltd. has agreed to provide an annual prize in Electrical Engineering, the following rules are hereby made:

1. The prize shall be called "The Gerard Prize."

2. The value of the prize shall be £21.

3. The prize shall be awarded by the Faculty of Engineering to the matriculated student who is placed highest in the final examination in Electrical Engineering II, provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

For previous awards, see Calendars from 1960.

1957	Symons, Frederick John W.	1959	Potter, Robert J.
1958	Davis, Bruce R.	1960	Vladcoff, Adrian N.

The Electricity Trust of South Australia Prize.

RULES

Whereas the Electricity Trust of South Australia has agreed to provide an annual prize in Electrical Engineering, the following rules are hereby made:

1. The prize shall be called "The Electricity Trust of South Australia Prize."
2. The prize shall be of the value of £10/10/-.
3. The prize shall be awarded by the Faculty of Engineering to the matriculated student who in the final year of the Electrical Engineering course of that Faculty shows the most leadership and ability in his year's work in the seminar classes and in the final seminar paper in Electrical Engineering III, provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards

For previous awards, see Calendars from 1954.

1956	Staples, Roy William F.	1959	Adam, Campbell P.	} equal
1957	Gates, Malcolm John		Karolyi, George	
1958	Symons, Frederick J. W.	1960	No award	

The Electricity Trust Prize in Electrical Power Engineering.

Whereas the Electricity Trust of South Australia has agreed to provide an annual prize of £50 in Electrical Power Engineering, the following rules are hereby made:

1. The prize shall be called "The Electricity Trust Prize in Electrical Power Engineering."
2. The prize shall be awarded annually to the matriculated student in the final year of the Electrical Engineering course who attains the highest standard in Electrical Power Engineering, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

For previous awards, see Calendars from 1959.

1957	Gates, Malcolm John	1959	Leong, Luen Kit
1958	Kennedy, Michael B.	1960	Lee, Yee Cheong

The Cable Makers' Association Prize.

The Council having accepted the offer of the Cable Makers' Association to provide a prize of ten guineas in the Electrical Engineering course of the Faculty of Engineering, the following rules have been made:

1. The prize shall be called "The Cable Makers' Association Prize."
2. The prize shall be awarded upon the recommendation of the Faculty of Engineering to a matriculated student in the final year of the Electrical Engineering course of that Faculty, provided that no award shall be made if no candidate is deemed of sufficient merit.

3. The prize shall be awarded to the student submitting the best final-year seminar paper in Electrical Engineering. In deciding the award the results of the current annual examination in Electrical Engineering may be taken into account. A candidate who fails to pass such examination shall not be eligible.

Awards.

For previous awards, see Calendars from 1952.

1956	Bartsch, Kenneth Murray	1958	Kennedy, Michael B.
1957	Gates, Malcolm J. } Wigg, Hugh H. }	1959	Patterson, Neil W.
		1960	No award

The S.A. Chamber of Manufactures Prize in Electronic Control.

The Council having accepted the offer of the S.A. Chamber of Manufactures to provide a prize of £10 a year for work in Electronic Control, the following rules are hereby made:

1. The prize shall be called "The S.A. Chamber of Manufactures Prize in Electronic Control."

2. The Prize shall be awarded on the recommendation of the Faculty of Engineering to the matriculated student in the course in Electrical Engineering who attains the highest standard in the annual written and practical examinations in Automatic Control as part of the subject Electrical Engineering II; provided that no award shall be made if no candidate is considered to be of sufficient merit.

Awards.

For previous awards, see Calendars from 1954.

1957	Gates, Malcolm John	1960	Vladcoff, Adrian N. } Vu, The Bao }	equal
1958	Davis, Bruce R.			
1959	Potter, Robert J.			

Philips Electrical Industries Prize in Elements of Electronics.

Whereas Philips Electrical Industries of Australia Pty. Ltd. has agreed to provide an annual prize of £10 in Electronic Engineering, the following rules are hereby made:

1. The prize shall be called "The Philips Electrical Industries Prize in Elements of Electronics."

2. The prize shall be awarded annually to the matriculated student who attains the highest standard in the Electronics section of the subject Electrical Engineering I, account being taken of achievement during the year as well as in the final examination; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1958	Hawryszkiewicz, Igor T.	1960	Cooper, Dennis N.
1959	Vladcoff, Adrian N.		

Philips Electrical Industries Prize in Electronics.

Whereas Philips Electrical Industries of Australia Pty. Ltd. has agreed to provide an annual prize of £50 in Electronic Engineering, the following rules are hereby made:

1. The prize shall be called "The Philips Electrical Industries Prize in Electronics."

2. The prize shall be awarded annually to the matriculated student in the final year of the Electrical Engineering course who attains the highest standard in the annual written and practical examinations in Electronic Engineering, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

For previous awards, see Calendars from 1960.

1957	Wigg, Hugh Higham	1960	Hawryszkiewicz, Igor T.	} equal
1958	Symons, Frederick J. W		Potter, Robert J.	
1959	Davis, Bruce R.			

The Fisk Prize of the Institution of Radio Engineers Australia.

Whereas the Institution of Radio Engineers Australia has agreed to provide an annual award of ten pounds for a student in the fourth year of the Electrical Engineering course, the following rules are made:

The award shall be known as "The Fisk Prize of the Institution of Radio Engineers Australia".

The award shall be made to the matriculated student who obtains the best results in the annual examination in Electronics as part of the subject Electrical Engineering II; provided that no award shall be made if no candidate is deemed of sufficient merit.

D.1522/61.

Award.

1960 Vladcoff, Adrian N.

The Forwood Down Prize in Mechanical Engineering.

Whereas Forwood, Down and Co. Ltd. has agreed to provide an annual prize of £10/10/- in Mechanical Engineering, the following rules are hereby made:

1. The prize shall be called "The Forwood Down Prize in Mechanical Engineering."

2. The prize shall be awarded annually to the matriculated student in the final year of the course for the Honours degree of Bachelor of Engineering in Mechanical Engineering who most distinguished himself at the final Honours Examination, provided that his record is of sufficient merit.

Awards.

1958	Robinson, Michael L.	1960	Inglis, Geoffrey R.
1959	Bishop, Michael M.		

The Shell Prize in Mechanical Engineering.

Whereas the Shell Company of Australia Limited has agreed to provide an annual prize in Mechanical Engineering, the following rules are hereby made:

1. The prize shall be called "The Shell Prize in Mechanical Engineering."

2. The prize shall be of the value of £25.

3. The prize shall be awarded to the full-time student in the penultimate year of the course in Mechanical Engineering who most distinguishes himself at the annual examinations, provided that no award shall be made if no candidate is of sufficient merit.

Awards.

1958	Bishop, Michael M.	1960	Hale, Malcolm R.	} equal
1959	Colliver, Anthony D.		Robinson, Philip A.	

The Rutter Jewell-Thomas Prize and Medal.

RULES

Whereas Rutter Jewell-Thomas Esquire has given to the University the sum of £700 for the purposes indicated below, the following rules are hereby made:

1. A Medal and Prize, to be known as "The Rutter Jewell-Thomas Medal and Prize" shall be offered for competition annually.

2. The Prize shall consist of one book selected by the Prizeman and approved by the Head of the Department of Metallurgical and Chemical Engineering.

3. Provided that there is a candidate of sufficient merit, the Medal and Prize shall be awarded to the student completing the final year of the undergraduate course in Metallurgical and Chemical Engineering whose academic record is adjudged best.

4. The balance of the income from the capital sum each year, after the cost of the Medal and Prize has been met, shall be used for the purchase of books or journals or both for the library of the department of Mining, Metallurgical and Chemical Engineering.

Awards.

For previous awards, see Calendars from 1957.

1957	Gray, Neil Boon	1958	Kelly, Robert J.	} equal
	<i>Prox. acc.:</i>	1959	No award	
	Field, Graham John	1960	Cameron, Robert A.	
			Kelly, Bryan L.	

The Albright and Wilson Prize in Chemical Engineering Design.

Whereas Albright and Wilson (Australia) Pty. Ltd. have agreed to provide the sum of £31/10/- a year for the purpose of providing a prize in Chemical Engineering Design, the following rules are hereby made:

1. A prize to encourage the study of Chemical Engineering Design, of the value of £31/10/- and to be known as the Albright and Wilson Prize in Chemical Engineering Design, shall be offered annually.

2. To be eligible for the prize, a student shall have completed the academic work for the degree of Bachelor of Engineering in Metallurgical and Chemical Engineering.

3. The prize shall be awarded to the student who, in the opinion of the Head of the Department, submits the best design project in Process Engineering IIID.

The R. W. Bennett Medal and Scholar

Every winner of three R. W. Bennett Prizes is entitled to receive a bronze medal and the title of R. W. Bennett Scholar.

Awards.

1950 White, James Michael 1960 Finnis, John M.
1953 Wilson, Ian Bonython C.

The Bonython Prize.

This prize is awarded annually to the writer of the best original thesis or book on a subject approved by the Faculty of Law and the Council.

For conditions, see Statutes, Chapter LII, page 215.

Awards.

1929 Bleby, Thelma E. LL.B. 1956 O'Connell, Daniel Patrick,
1933 Wynes, William A., LL.B. B.A., LL.M., Ph.D.
1937 Bray, John J., LL.D.

The Angas Parsons Prize.

This prize, bequeathed by the late Sir Herbert Angas Parsons, K.B.E., LL.B., is of the value of £50 and is awarded annually to the most meritorious candidate qualifying for the Honours Degree of Bachelor of Laws in that year. For conditions, see Statutes, Chapter LXVII, page 225.

Awards.

1959 Cornish, William R. 1960 Kelly, David St. L.

The Justin Skipper Prize.

RULES

Whereas Stanley Herbert and Kathleen Elizabeth Skipper have given the sum of £150 for the purpose of founding a prize in memory of their son, Captain Justin Way Skipper, late 2/27th Battalion, A.I.F., sometime student of Law in this University, who was killed in action at Gona, New Guinea, on 29th November, 1942, it is hereby provided that:

1. There shall be a prize to be known as The Justin Skipper Prize.
2. The prize shall be of the value of five pounds and shall be available for award annually to a student in the Faculty of Law or a graduate in Law.
3. The prize shall be awarded by the Council on the recommendation of the Faculty of Law.
4. The selection shall be made from those students who at the end of their courses have obtained First Class passes in at least two subjects of the course, Distinctions in Arts subjects being deemed to be First Class passes for the purpose of this Rule.
5. The prize shall be awarded to that one of such students who, in the opinion of the Faculty of Law, shall have taken the most active and effective part in the general activities of student life within the University during the whole of his undergraduate course.

6. In the case of substantial equality under Rule 5, preference shall be given to a student who has shown particular ability in his Arts subjects. If the candidates cannot then be separated the prize may be divided.

7. Any student who wishes to be considered for the Prize may make application for the prize within one month of the publication of the results of the annual examinations; any student under consideration for the prize may be required to give details of his general activities in student life within the University.

8. No award shall be made unless the Faculty is satisfied that there is a student worthy thereof.

9. The prize may not be awarded more than once to the same person.

10. If in any year a prize is not awarded, it may be awarded in a subsequent year as an additional prize should there be a second candidate of sufficient merit.

11. These rules may be varied by the Council from time to time, but the title of the prize shall not be changed.

Awards.

For previous awards, see Calendars from 1952.

1959	Cornish, William R.	1960	Debelle, Bruce M.
	Prior, Graham C.		

The Thomas Gepp Prize.

RULES.

Whereas the Late Florence May Pontt has bequeathed to the University the sum of £200 for the purpose of founding a Prize in memory of her late father, Thomas Gepp, it is hereby provided as follows:

1. There shall be a Prize, of the value of £5, to be called The Thomas Gepp Prize.

2. The Prize shall be awarded annually to the student placed first in the final examination in Private International Law in the course for the degree of Bachelor of Laws provided that in the opinion of the Faculty of Law there is a candidate of sufficient merit.

3. The Prize shall be awarded in money or in books as the successful candidate may desire.

4. If two or more candidates be placed equal in the final examination in Private International Law the work of each such candidate during the year shall be taken into consideration in awarding the Prize for that year.

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

6. Subject to the terms of the bequest these rules may be varied from time to time but the title and general purpose of the endowment shall not be changed.

Awards

For previous awards, see Calendars from 1959.

1957	Curnow, Doreen	1959	Cornish, William R.
1958	No award	1960	Gervasi, Illa L.

FACULTY OF MEDICINE.

The Sir Hugh Cairns Memorial Prize.

RULES.

Whereas the sum of £1,050 has been paid to the University by the Committee of the Sir Hugh Cairns Memorial Association for the purpose of founding a prize to perpetuate the memory of Sir Hugh Cairns, a former student of the Adelaide High School, it is hereby provided that:

1. A prize to be called "The Sir Hugh Cairns Memorial Prize" shall be awarded annually to a student of the Adelaide Boys High School, who is proceeding to the University to study in the medical course, and who has been nominated by the Principal of the Adelaide Boys High School.

2. The nominee must have satisfied the requirements of the University for entrance upon the medical course, and shall, as soon as possible after the award, enter the University, and begin study in that course.

3. If for any reason the nominee shall fail to begin his course as laid down in paragraph 2 the prize may, at the discretion of the Council, be awarded to another candidate if nominated by the Principal of the Adelaide Boys High School.

4. The value of the prize shall be £30, or such other sum as the Council may from time to time determine, payable in three equal instalments, one each on the scholar's enrolling for the first, second, and third year's work of the medical course.

5. These rules may be varied from time to time by the Council, but the title and the purpose of the prize shall not be changed.

Awards.

For previous awards, see Calendars from 1960.

1958	Harding, Philip Ernest	1960	Von Behrens, Wieland E.
1959	Wilkinson, Philip L.	1961	Gill, P. Grantley

The Elder Prize.

This prize was established by Sir Thomas Elder in 1882, and since his death in 1897 has been continued by the Council. It is of the value of £10, and is awarded to the student in the first year of the Medical Course who is placed first in the list of candidates who pass with distinction.

Awards.

For previous awards, see Calendars from 1898.

1955	Rice, John Peter	1957	Walsh, John Alfred
1956	Miller, Colin D. J.	1958	Lloyd, John V.
	<i>Prox. acc.:</i>	1959	Luke, Colin G.
	Hewitson, Douglas Keith	1960	Pearlman, Helen R.

The Christopher and John Campbell Prize in Biochemistry.**RULES.**

Whereas the late A. J. N. P. Campbell has bequeathed to the University the sum of £500 for the purpose of founding a scholarship in Biochemistry in the medical course, the following rules are hereby made:

1. The Prize shall be called the Christopher and John Campbell Prize for Biochemistry.

2. It shall be of the value of £15 or an amount equal to the annual income from the bequest, whichever is the less, and shall be paid to the prizeman in one sum.

3. It shall be awarded annually to the undergraduate who in the Second Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery shall have passed the whole of that examination and shall have been placed first in Biochemistry and who in the opinion of the Professor of Biochemistry is of sufficient merit.

D.48/51.

Awards.

For previous awards, see Calendars from 1953.

1959 Pridmore, Brian R. 1960 Luke, Colin G.

Prox. acc.:

Lloyd, John V.

The Dr. Davies-Thomas Scholarships.

These two scholarships, of the value of £10 each, were founded by Mrs. Davies-Thomas in memory of the late Dr. Davies-Thomas, sometime lecturer in the Principles and Practice of Medicine and Therapeutics.

They are awarded to the student in each of the third and fourth (till 1955) or fifth (since 1956) examinations of the medical course who is placed first in the list of candidates who pass with distinction.

For conditions, see Statutes, Chapter XXI, page 189.

Awards.

For previous awards, see Calendars from 1911.

1959	Third Examination:	1960	Third Examination:
	Walsh, John A.		Pellew, Catherine A.
	Fifth Examination:		Fifth Examination:
	Rozenbilds, Maris A.		Magasdi, Creston J. I.

Prox acc.:

Kimber, Richard J., B.D.S.

The J. B. Cleland Prize in Pathology.**RULES**

Whereas the sum of £130 has been given to the University for the purpose of establishing a prize in commemoration of John Burton Cleland, M.D., George Richard Marks Professor of Pathology in the University from 1920 to 1948, the following rules are hereby made:

1. The prize shall be known as the J. B. Cleland Prize for Pathology.

2. It shall consist of a bronze medal and the sum of £5.

3. It shall be awarded annually to the undergraduate who at the Fifth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, is placed first in Pathology and who in the opinion of the Marks Professor of Pathology is of sufficient merit.

Awards.

For previous awards, see Calendars from 1953.

1957	Barlow, Douglas John	1959	Woolcock, Ann J.
1958	Wangel, Anders G.	1960	Magasdi, Creston J. I.

The Thomas L. Borthwick Memorial Prize.

RULES.

Whereas the late Frank Sandland Hone, C.M.G., has bequeathed to the University the sum of £100 for the purpose of founding an annual prize in Public Health and Preventive Medicine in the medical course, the following rules are hereby made:

1. The Prize shall be called the Thomas L. Borthwick Memorial Prize in Public Health and Preventive Medicine.

2. It shall be of the value of £3 3s. and shall be paid to the prizeman in one sum.

3. It shall be awarded annually to the undergraduate who in the Fifth Examination for the degree of Bachelor of Medicine and Bachelor of Surgery shall have passed the whole of that examination and shall have been placed first in Public Health and Preventive Medicine and who in the opinion of the examiners is of sufficient merit.

Awards

For previous awards, see Calendars from 1953.

1956	Hui, Weng Choon	1958	Fahy, Carlien L.
	<i>Prox. acc.:</i>	1959	Grant, Donald C.
	Barr, Alan Marshall	1960	Barter, Ian W.
1957	Barlow, Douglas John		

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 218.

Awards.

For previous awards, see Calendars from 1942.

1957	Foong, Siew Muay	1959	Burns, Richard J.
1958	Nicholls, Valwynne A.	1960	McLarty, Gwendoline

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 209.

Awards.

For previous awards, see Calendars from 1923.

1956	Woods, Arthur Frederick	1959	Fahy, Carlien L.
1957	Kinlough, Margaret Anne	1960	McLarty, Gwendoline
1958	Carter, Rodney F.		

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 184.

Awards.

For previous awards, see Calendars from 1904.

1957	Gunning, Julianne E. S.	1959	Fahy, Carlien L.
1958	Barlow, Douglas J.	1960	McLarty, Gwendoline

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 206.

Awards.

For previous awards, see Calendars from 1939.

1957	Barlow, Douglas J.	} equal	1959	Kimber, Richard J., B.D.S.
	Smith, J. R. C., B.Sc.			<i>Prox acc.:</i>
1958	Wise, Peter H.			Matousek, Vladislav
			1960	Mansfield, Joseph J.

B.M.A. (Section of Clinical Medicine) Prize.

The Council has accepted the offer of the Section of Clinical Medicine of the British Medical Association (S.A. Branch) to provide an annual prize for proficiency in clinical medicine. The prize consists of medical works of the value of ten guineas to be selected by the successful candidate and is available for award annually to the candidate placed first in the Interim Examination in Clinical Medicine held during the fifth year of the medical course. If in the opinion of the examiners the candidate is not of sufficient merit, no award of the Prize shall be made in that year. It is not awarded

twice to the same person. The examiners are appointed by the Council on the recommendation of the Faculty of Medicine; and the examination is held after the students have completed their six months' clerkship.

D. 135/32.

Awards.

For previous awards, see Calendars from 1937.

- | | | | |
|------|----------------------|------|---------------------------------------|
| 1956 | Parks, Veronica June | 1958 | No award owing to changed conditions. |
| | <i>Prox. acc.:</i> | 1959 | Fahy, Carlien L. |
| | Beare, James Hudson | 1960 | Strickland, Robert G. |
| 1957 | Hall, Donald Richard | | |

Frank S. Hone Memorial Prize.

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

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

D. 1012/51.

Awards.

For previous awards, see Calendars from 1953.

- | | | | |
|------|-------------------------|------|----------------------------|
| 1956 | Brown, Jennifer May | 1959 | Fahy, Carlien L. |
| 1957 | Kinlough, Margaret Anne | 1960 | Kimber, Richard J., B.D.S. |
| 1958 | Barlow, Douglas J. | | |

The William Gardner Scholarship and Prize.

The scholarship, founded in memory of the late Dr. William Gardner, is of the value of £45 and is awarded annually for merit in surgery at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

The prize, of the value of the total annual income from the capital sum less £45, is awarded annually for merit in Surgery and other subjects at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions, see Statutes, Chapter LXIII, page 221.

Awards.

For previous awards, see Calendars from 1944.

Scholarship:

- | | | | |
|------|---------------------|------|-----------------|
| 1958 | Beaumont, Gordon D. | 1960 | Young, James F. |
| 1959 | Fahy, Carlien L. | | |

Prize:

- | | | | |
|------|--------------------|------|---------------------|
| 1958 | Barlow, Douglas J. | 1960 | McLarty, Gwendoline |
| 1959 | Fahy, Carlien L. | | |

The Shorney Medal.

This medal, established in 1942 in memory of the late Dr. Herbert Frank Shorney, is awarded each year for merit in Diseases of the Ear, Nose and Throat.

For conditions, see Statutes, Chapter LXIV, page 222.

Awards.

For previous awards, see Calendars from 1946.

1957 Spence, Robin Douglas J. 1959 Halley, Winifred
1958 Akkermans, Charles H. 1960 Young, James F.

The Shorney Prize.

This prize, of the value of £100, is awarded for original work in Ophthalmology or in Diseases of the Ear, Nose and Throat by a graduate of an Australian University.

For conditions, see Statutes, Chapter LXIV, page 222.

Awards.

1946 Gregg, N. McAlister, M.B., Ch.M. (Syd.).
1954 Fleming, W. E., M.B., B.S., D.L.O. (Melb.).
1958 Christensen, F. G., D.D.Sc. (Q'land), F.D.S.R.C.S.

The Australian College of General Practitioners Prize.

RULES.

1. The prize shall be offered each year for competition among undergraduates in the Faculty of Medicine.

2. Entries for the prize shall consist of a case history and commentary, or a series of case histories with commentary, on a patient or patients seen by an undergraduate in general practice.

3. The prize shall be awarded by the Faculty of Medicine on the recommendation of a panel of examiners appointed for the purpose by the Faculty.

4. Candidates wishing to enter for the prize must submit their entries to the Registrar by 31st March each year.

Wyeth Prize in Obstetrics.

The Council has accepted the offer of Wyeth Incorporated to provide an annual prize of £20 to the candidate placed first in Clinical Obstetrics at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery. This prize will be discontinued after 1961. (D. 341/45.)

Awards.

For previous awards, see Calendars from 1945.

1957 Kinlough, Margaret Anne 1959 Burns, Richard J.
1958 Barlow, Douglas J. 1960 Andersen, Graham J.

The Pfizer Prize in Gynaecology.

The Council has accepted the offer of Messrs. Charles Pfizer to provide an annual prize of £25 to the candidate placed first in Gynaecology at the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery; provided that an award shall be made only if the successful candidate passes at the same time in all other subjects of the Final Examination, and obtains in Gynaecology marks at least equal to the minimum standard required for a Pass with Distinction in the whole examination.

Awards.

For previous awards, see Calendars from 1958.

- 1958 Rodgers, William O. 1960 Woolcock, Ann J.
1959 Fahy, Carlien L.

T. G. Wilson Travelling Scholarship in Obstetrics.

In 1938 the sum of £2,000 was paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship, which is of the value of £200.

For conditions, see Statutes, Chapter LVIII, page 219.

Awards.

- 1947 R. M. MacIntosh, M.B., B.S. 1951 R. M. Beard, M.B., B.S.
N. A. Richards, M.B., B.S. 1955 Daphne R. Lowe, M.B.,
1949 G. W. E. Aitken, M.B., B.S. B.S.
M. W. Elliott, M.B., B.S.

Prizes in Pharmacology.

During the years 1931 to 1938, prizes in Pharmacology were provided by the Hoffmann-La Roche Company Limited, of Basle, Switzerland.

In 1953 the Council accepted the offer of Roche Products Limited, of Welwyn Garden City, Hertfordshire, England, to provide the following prizes to encourage the study of Pharmacology:

A Junior Roche Products prize of £10 is awarded annually to the student who obtains the highest number of marks at a special examination in Pharmacology to be held by the Professor of Pharmacology in November.

A Senior Roche Products prize of £25 is awarded to a student undertaking Pharmacological research of sufficient merit in the opinion of the Professor of Pharmacology.

Provided that if in any year there be no senior candidate and there be in that year two junior candidates of equal merit, a second junior prize of £10 may be awarded.

Awards.

For previous awards of Hoffman-La Roche Prizes, see Calendars from 1937.

- 1958 Junior Prize: Kimber, Richard J., B.D.S.
1959 Junior Prize: Miller, Colin D. J.
1960 Junior Prize: Sage, Robert E.
Senior Prizes: Charnock, John S., B.Sc.
Cheah, Dolly, B.Sc.
Porter, Reginald B., M.Sc.

Faulding Scholarships in Experimental Pharmacology and Therapeutics.

The Council has accepted the offer of F. H. Faulding and Co., Ltd., of Adelaide, to provide the following scholarships in experimental pharmacology and experimental therapeutics:

- (1) A junior Faulding Scholarship of the value of £ 50 for one year to enable the holder of a pass B.Sc. degree to proceed to the Honours degree of Bachelor of Science in these subjects.
- (2) In the event of there being no allocation of the junior scholarship for one or more years, but not more than three years, the accumulated sums or portion thereof may be made available as a Senior Faulding Scholarship to a suitably qualified graduate in Medicine or an honours graduate in Science for the purpose of supporting one year's research work in experimental pharmacology and/or therapeutics.

Application for either scholarship should be made by 1st November to the Registrar, from whom particulars may be obtained.

Awards.

- For 1940 Junior Prize: Watson, Timothy Alfred Quinlan, B.Sc.
For 1941 Junior Prize. Condon, Robert Francis, B.Sc.
For 1942 Junior Prize: Condon, Robert Francis, B.Sc.
For 1946 Junior Prize: Neale, Shirley Margaret, B.Sc.
For 1949 Junior Prize: Johnson, Keith Douglas, B.Sc.
For 1961 Senior Scholarship: McNally, John N., B.Sc.

Medical Research Committee Grants.

The Medical Research Committee will consider applications from persons wishing to undertake medical investigations. Within the limit of its resources, the Committee will provide salaries for suitably qualified graduates able to devote their full time to original work undertaken within or under the aegis of a University Department. It will be glad also to examine the possibility of assisting with the provision of such facilities, other than salaries, as are necessary to enable qualified persons to undertake medical research.

Applications should contain full details of the work proposed and of the estimated cost, and should be made in writing to the Registrar; but candidates are advised first to consult the Professor or Head of the Department within which their research project is likely to fall.

A report giving full details of the results obtained will be required on completion of an investigation, and interim reports must be submitted if asked for. Every report must include a statement that the work has been carried out with assistance provided by the Medical Research Committee of the University of Adelaide.

The John Barker Scholarship

Whereas the late Eleanor Kate Barker has bequeathed to the University the sum of £3,000 to found a scholarship for Medical Research to be named the John Barker Scholarship, the following rules are hereby made:

1. There shall be a scholarship for Medical Research to be known as the John Barker Scholarship.
2. The value of the scholarship shall be £90 a year until otherwise determined by the University Council.

3. The scholarship shall be available for award annually to a graduate. Tenure of the scholarship will therefore be on an annual basis; but tenure may be extended, by re-award, for a second or third year. The scholarship shall not be held by the same scholar for more than three years.

4. The scholarship shall be awarded by the Council on the recommendation of the Medical Research Committee, which shall submit to the Council such recommendation as it sees fit for the award of the scholarship for each year: but no award of the scholarship shall be made for any year unless, in the opinion of the Medical Research Committee, there is a candidate who is worthy of the award. Formal applications for the scholarship are not sought.

5. These rules may be varied from time to time by the Council, but the title and general purpose of the scholarship shall not be changed.

FACULTY OF DENTISTRY.

The Thomas D. Hannon Prize.

The Council has accepted a gift from the South Australian Branch of the Australian Dental Association of £133 to endow an annual prize of £4 4s. to be known as the Thomas D. Hannon Prize. The prize will be awarded to the student who is placed first in the list of candidates who Pass with Distinction in the third year examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1960.

1957	Burfield, Brenton G.	1959	No award
1958	No award	1960	No award

The Dental Board of South Australia Prize.

RULES

The Council has accepted the offer of the Dental Board of South Australia to provide a prize of £10/10/- to be awarded annually to the student who is placed first in the list of candidates who pass with credit in the fourth-year examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1953.

1957	No award	1959	Blanden, Robert V.
1958	Burfield, Brenton G.	1960	Wei, Hon Yin S.

Australian Dental Association (S.A. Branch) Prize.

The Council has accepted the offer of the S.A. Branch of the Australian Dental Association to provide a prize of fifteen guineas to be awarded annually to the student who is placed first in the list of candidates who pass with credit in the final examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1945.

- 1959 Burfield, Brenton G. 1960 Miller, Roderick S.
Prox. acc.:
 Kay, Lorimer J.

The Faulding Scholarship in Dentistry.

RULES

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

1. The scholarship shall be known as The Faulding Scholarship in Dentistry.
2. The scholarship may be awarded annually to assist a graduate in Dentistry to proceed to a higher degree or to undertake an original investigation approved by the Faculty.
3. Provided that the scholar's progress is satisfactory to the Faculty, the scholarship may be renewed for a second year, but not longer.
4. If no scholarship be awarded for two successive years, a scholarship to the value of not more than £40 may be awarded to a graduate in Dentistry to assist him to undertake research work on some dental problem approved by the Faculty.

The Dental Board of South Australia Research Scholarship.

RULES

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

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

Awards.

- 1950 Plummer, Alexander P., 1958 Sims, Milton R., B.D.S.
 B.D.S.

FACULTY OF ECONOMICS**Professor Tew's Prize for Economics I.**

In 1949 Professor Brian Tew, Professor of Economics in the University of Adelaide from 1946 to 1949, gave £100 to provide prizes in the Department of Economics. Under that gift an annual prize of £3/3/- is awarded to the candidate placed first in the annual examination in Economics I, provided that he is of sufficient merit.

Awards.

For previous awards, see Calendars from 1955.

1958	Blandy, Richard J.	} equal	1960	Burley, Simon P.,	} equal
	Henderson, James Y.			B.Sc.	
1959	Garton, Anthony N.			Dahlberg, Dane L.	
				Fairbairn, David F.	

The Adelaide Chamber of Commerce Prize.

RULES.

The Council has accepted the offer of the Adelaide Chamber of Commerce to provide an annual prize of £10/10/- to be awarded to the student placed first in the annual examination in Economics II provided that he is of sufficient merit.

Awards.

1958	Robertson, Robert M.	} equal	1960	Belchamber, Ken-	} equal
	Sherwin, Rolf M.			neth C.	
1959	Sarah, Neil			Burke, Philip D.	
				Puckridge, James	
				T. W.	

The Shell Prize in Economics.

A prize of £25 will be awarded to the full-time student who is, in the opinion of the Board of Examiners, the most outstanding student in the second year in the degree of Bachelor of Economics course, provided that the prize shall not be awarded if, in the opinion of the Board of Examiners, there is no candidate of sufficient merit. For this purpose a student in the second year is defined as one who having passed without failure in four first year subjects is taking Economics II, Economic Development I, Economic Statistics I and one other subject in the one year.

Awards.

1958	Hicks, Ronald P.	} equal	1959	Sarah, Neil
	Sherwin, Rolf M.		1960	No award.

The Economic Society Prize.

The Council has accepted the offer of the South Australian Branch of the Economic Society of Australia and New Zealand to provide an annual prize of books to the value of £10/10/- and one year's free membership of the Society, for the best student in Economics III. The prizeman is required to present a paper to the Society. (D. 190/37.)

Awards.

For previous awards, see Calendars from 1945.

1959	Robertson, Robert M.	} equal	1960	Sarah, Neil
	Scarman, Ian E.			

The John Lorenzo Young Scholarship.

This Scholarship was founded in memory of the late John Lorenzo Young, and is awarded to encourage research in Political Economy or some cognate subject.

For conditions, see Statutes, Chapter XXXIX, page 207.

Awards.

For previous awards, see Calendars from 1954.

1942	Ramsay, Alexander M., B.Ec.	1948	Opie, Roger Gilbert, M.A.
1946	Cheek, Bruce M., B.A.	1952	Penny, David H., B.Ec.
		1960	Hicks, Ronald P., B.Ec.

The John Creswell Scholarships.

These scholarships were founded in 1913 by public subscription in memory of the late John Creswell. They are tenable for five years, and scholars proceed to the degree of Bachelor of Economics.

For conditions, see Statutes, Chapter XXXVI, page 204.

Awards.

For previous awards, see Calendars from 1919.

1956-9	No awards	1961	Morgan, Patrick F. L. Dalton-
1960	Freney, Roger Q.		

The George Thompson Bursary in Commerce.

This bursary was founded in 1923 by the Adelaide Co-operative Society, Limited, in memory of the late George Thompson, the first Secretary and Manager of the Society.

For conditions, see Statutes, Chapter XLVI, page 213.

Awards.

For previous awards, see Calendars from 1931.

1947	Thompson, James Andrew	1955	Martin, Ian S.
1951	Wheaton, Roger Phillip		

The Archibald Mackie Bursary.

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

For conditions, see Statutes, Chapter XVIc, page 185.

Awards.

For previous awards, see Calendars from 1932.

1944	Gordon, John Llewellyn	1954	Wilson, Geoffrey Palmer
1946	Noblett, Peter	1961	Stock, Michael C.

The Joseph Fisher Medal.

The statute provides for the annual award of this medal to the candidate for the degree of Economics, who, on completing the course for the degree and having included in it four courses in Accountancy

and Law, shall, in the opinion of the examiners, be the most distinguished, and be considered by them worthy of the award.

For conditions, see Statutes, Chapter XXVIII, page 197.

Awards.

For previous awards, see Calendars from 1913.

1956	Dixon, John		1958	Luke, David A. T.
1957	Terrell, Richard D.	} equal	1959	Sherwin, Rolf M.
	Tremlett, Ian W.		1960	Henderson, James Y.

Australian Society of Accountants Prizes in Accountancy.

For six years, from 1947, the Commonwealth Institute of Accountants provided the sum of £30 a year for five years for the purpose of providing Prizes in Accountancy. In 1953, responsibility for providing the Prizes was assumed by the Australian Society of Accountants. The Prizes, at first known as the Commonwealth Institute of Accountants Prizes in Accountancy, have been known since 1953 as The Australian Society of Accountants Prizes in Accountancy. They are awarded in accordance with the following rules:

1. Two prizes, each of the value of £15, are offered annually.
2. Provided that there are candidates of sufficient merit, one prize shall be awarded to the candidate in Elements of Accounting (till 1956 in Accountancy I) and the other to the candidate in Management Accounting (till 1956 in Accountancy II), who gains the highest marks for his exercise, essay and examination work in the subject throughout the year.
3. Each prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Professor of Commerce.
4. If in any year the course of lectures in Elements of Accounting or Management Accounting is not given, the prize in that subject shall lapse for that year.

Awards.

For previous awards, see Calendars from 1953.

1957	Hooker, Robert John, B.E. (Elements of Accounting)
	Luke, David Alan Thomas (Management Accounting)
1958	Henderson, James Y. (Elements of Accounting)
	Dawe, Arthur B. S. (Management Accounting)
1959	Fowler, Trevor J. (Elements of Accounting)
	Henderson, James Y. (Management Accounting)
1960	Leane, Peter A. (Elements of Accounting)
	Boyce, Robert W., B.E. (Management Accounting)

The Institute of Chartered Accountants in Australia Prize in Financial Accounting.

The South Australian State Council of the Institute of Chartered Accountants in Australia has offered to provide annually the sum of £10/10/- for a prize in Financial Accounting, and the following rules have therefore been made:

1. A prize to the value of £10/10/- is offered annually.
2. Provided that there is a candidate of sufficient merit, the prize shall be awarded to the candidate in Financial Accounting, who gains the highest marks for his exercise, essay and examination work in the subject throughout the year.
3. The prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Professor of Commerce.
4. These rules may be varied by the Council, but the title and purpose of the prize shall not be altered without the consent of the Institute of Chartered Accountants in Australia.

Awards.

1957	Mills, Bernard J.	} equal	1959	Adams, Harry C.
	Rogers, Jeffrey N.		1960	Henderson, James Y.
1958	Fowler, Peter T.			

**S.A. Chamber of Manufactures Incorporated Prize in Cost
Accountancy and Budgetary Control.**

RULES

The Council having accepted the offer of the S.A. Chamber of Manufactures Incorporated to provide the sum of £10/10/- a year on a three-year basis for the purpose of providing prizes in Cost Accountancy and Budgetary Control, the following rules are hereby made:

1. A prize to encourage the study of Cost Accountancy and Budgetary Control, of the value of £10/10/-, and to be known as the S.A. Chamber of Manufactures Incorporated Prize in Cost Accountancy and Budgetary Control, shall be offered annually.
2. Provided that the work is of sufficient merit, the prize shall be awarded to the candidate who submits the best original essay on a subject prescribed by the Faculty of Economics and relating to Cost Accountancy and Budgetary Control.
3. In awarding marks for the essays, particular consideration will be given to papers which may be regarded as a contribution of permanent value to the literature upon some aspect of Cost Accountancy and Budgetary Control.

Awards.

For previous awards, see Calendars from 1955.

1956	May, Geoffrey Ernest	1958	Robertson, Robert M.
1957	Terrell, Richard Dean	1959	No award

The Royal Institute of Public Administration Medal and Prize.

RULES.

Whereas the Council has accepted the offer of the South Australian Regional Group of the Royal Institute of Public Administration to provide annually a medal and prize for Public Administration, the following rules are hereby made:

1. The medal and prize shall be known as the Royal Institute of Public Administration Medal and Prize and shall be awarded annually to the candidate who, on completing the course for the Diploma in Public Administration, shall in the opinion of the examiners, be the most distinguished and be considered by them worthy of the award.

2. No candidate shall be eligible for the award if he fails to complete the course for the Diploma within six years of his entering upon the course except for special reasons allowed by the Council, nor shall any candidate be eligible if he has received exemption from examination in any subject in the course.

3. These rules may be varied by the Council from time to time but the title and general purpose of the award shall not be changed.

Awards.

1957	Taeuber, Kenneth Charles	1959	No award
1958	Belchamber, Kenneth	1960	Lawton, Richard W.

FACULTY OF ARCHITECTURE.

The Kenneth and Hazel Milne Travelling Scholarship.

Mr. F. Kenneth Milne has given the sum of £5,000 to establish a postgraduate travelling scholarship in Architecture.

For conditions, see Statutes, Chapter LXXXI, page 238.

The James Hardie Prize in Architecture.

Whereas Asbestolite Proprietary Limited agreed in 1958 to provide an annual award of £50 in Architecture and in 1960 James Hardie and Co. Ltd. assumed responsibility for maintaining the award, the following rules are hereby made:

1. The award shall be known as "The James Hardie Prize in Architecture". The purpose of the award shall be to assist the holder to travel to other parts of Australia for architectural study.

2. The award shall be made annually to the matriculated student in the Fourth Year of the course for the degree of Bachelor of Architecture, who, in the opinion of the Board of Examiners, most distinguishes himself in the annual examinations, provided that no award shall be made if no student is of sufficient merit.

3. Each student to whom an award is made shall submit a report on his studies under the award to the Professor of Architecture within twelve months of the award.

D. 75/58.

Award.

1960 Ong, Teng Cheong

The South Australian Institute of Architects Prizes.

Whereas the South Australian Institute of Architects has agreed to provide six annual prizes each of the value of £5/5/- in the Faculty of Architecture and Town Planning, the following rules are hereby made:

1. The prizes shall be called "The South Australian Institute of Architects Prizes".

2. (a) Three prizes shall be awarded for the subjects Architectural Design and Planning I, Architectural Design and Planning II and Architectural Design and Planning III. In each subject the prize shall be awarded to the matriculated student who, in the annual examinations, obtains the best results in that subject.

(b) Three prizes shall be awarded for the following pairs of subjects: Building Construction I and Building Science I; Building Construction II and Building Science II; and Building Construction III and Building Science III. In each pair of subjects the prize shall be awarded to the matriculated student who, in the annual examinations, obtains the best results in that pair of subjects.

(c) No award of a prize shall be made if no candidate is considered by the examiners to be of sufficient merit.

3. These rules may be varied by agreement between the University and the S.A. Institute of Architects. D. 2751/60.

Awards.

1960 Cheesman, Robert D. (Architectural Design and Planning I)
 Murphy, John F. (Architectural Design and Planning II)
 Jensen, Peter R. (Architectural Design and Planning III)
 Drogemuller, Robert I. (Building Construction I and Building Science I)
 Kazanski, Boris (Building Construction II and Building Science II)
 Hauser, Robin (Building Construction III and Building Science III)

PHYSIOTHERAPY.

The Kate Gilmore Reid Prize.

Whereas the Australian Physiotherapy Association South Australian Branch Incorporated has offered to provide an annual prize of £5 in memory of the late Kate Gilmore Reid, the following rules are hereby made:

1. The prize shall be known as the Kate Gilmore Reid Prize.
2. It will be paid direct to the successful candidate by the Australian Physiotherapy Association.
3. It shall be awarded annually on the results of the November examination to the final year student in Physiotherapy whose practical work is carried out with the greatest care and intelligence and in a manner most likely to benefit the patient and assist in the smooth running of the Physiotherapy Department.

Awards:

For previous awards, see Calendars from 1959.

1957	Hosking, Elizabeth Mary	1959	Price, Joanna
1958	Gillman, Meredith E.	1960	Warmington, Leonie E.

SCHOLARSHIPS TENABLE IN DIFFERENT FACULTIES.**The I.C.I.A.N.Z. Research Fellowship.****RULES.**

Whereas Imperial Chemical Industries of Australia and New Zealand Ltd. has agreed to provide the sum of £A1,100 a year for a research fellowship in the University of Adelaide, the following rules are hereby made:

1. The Fellowship shall be called "The I.C.I.A.N.Z. Research Fellowship" and shall be of the annual value of £A1,100.

2. The object of the Fellowship is to promote knowledge in a field which has some direct relation to the scientific interests and national responsibilities of Imperial Chemical Industries of Australia and New Zealand Ltd. Accordingly the Fellowship may be awarded to a candidate who proposes to undertake research on a subject or topic in Agricultural Science, Applied Chemistry, Biochemistry, Chemistry, Chemotherapy, Engineering, Mining, Metallurgical and Chemical Engineering, Pharmacology, Physics or some other subject approved by the University.

3. Any subject of a nation of the British Commonwealth who is a graduate of a recognised University may be a candidate for the Fellowship.

4. The Fellowship will be awarded for a period of two years but may be terminated earlier if the Fellow's work or progress is not satisfactory. In special circumstances it may be renewed for a third year, but not longer. Tenure (and salary) will begin on the date on which the Fellow takes up duty in Adelaide.

5. A Fellow may be permitted to undertake teaching duties within the University in addition to research activities for which the Fellowship is granted.

6. An applicant must give particulars of his age, his academic record, and his previous research work including a list of publications (if any), must state as specifically as he can the subject on which he would wish to undertake research if awarded the Fellowship, and must give the names and addresses of two referees of whom confidential opinions may be sought. If his research will involve special or expensive apparatus he should state his requirements.

7. No provision is made for a candidate's fare to Adelaide.

Awards.

For previous award, see Calendars from 1959.

- 1956 Christie, Basil James Frederick, B.Sc.
 1958 Inman, Ross Banks, B.Sc.
 Henderson, Ronald George, B.E. (Special Scholarship)
 1959 Moritz, Alan Gilbert, B.Sc.
 1961 Deacon, Glen B., B.Sc.

The George Murray Scholarships.

(In Faculties other than Arts and Economics)

RULES.

1. Beginning in 1957, two scholarships tenable at approved Universities or Institutions overseas will be offered each year for competition

amongst outstanding graduates in faculties other than Arts and Economics.

2. The normal period of tenure of a scholarship will be two years. In exceptional cases the period of tenure may be extended for a third year, but not longer.

3. (a) Each scholarship will be of the value of £600 Sterling a year, until the Council decides otherwise.

(b) One-quarter of the annual value of the scholarship will be paid to the scholar before his departure from Australia; and the balance in equal quarterly instalments in advance thereafter.

(c) Payment of the scholarship for the second year will be contingent upon receipt by the University, from the candidate's supervisor or from the Head of the department in which he is studying, of a satisfactory report on his work during the first year.

4. A candidate for a scholarship shall:

(a) hold one or other of the following qualifications, namely:

(i) the Honours degree of B.Sc., or B.Ag.Sc. or B.E. or B.Med.Sc., followed by at least one year (preferably two years) of full-time research work; or

(ii) the degree of Master or Ph.D.; or

(iii) the degrees of M.B., B.S., or the degree of B.D.S., LL.B. with Honours, or Mus.Bac., followed by at least two years of further studies;

(b) provide evidence that he would be accepted as a postgraduate research student by the Head of an appropriate department in a University or equivalent Institution abroad, and indicate the proposed field of study;

(c) give satisfactory evidence that if granted an Overseas Scholarship he will have sufficient additional funds to enable him to undertake his proposed course of study.

5. The following matters will be taken into consideration in determining the awards:

(a) the likelihood that the candidate will be able to pursue successfully his proposed work overseas;

(b) the desirability and probability of the candidate's obtaining study opportunities of a type not available to him in Australia;

(c) the extent to which each candidate is eligible for an outside scholarship.

6. A candidate should apply through the Head of his department to the Registrar not later than the end of November in the year preceding that for which the award is sought.

7. The holder of a George Murray Scholarship shall submit annually to the Registrar at the end of each year's work under the scholarship, a report on the work he has done during that academic year.

Awards.

For previous awards, see Calendars from 1959.

1959 Treloar, Francis E., B.Sc.
Wells, Cedric B., B.Ag.Sc.

- 1960 Forbes, Ian J., M.B., B.S.
 Henning, Frederick R., M.D.S.
 Snoswell, Alan M., B.Sc.
 1961 Hawker, John S., B.Sc.
 Kneebone, Garry M., M.B., B.S.

The Chapman Memorial Scholarship.

RULES

Whereas a sum of money* has been given to the University for the purpose of establishing a Scholarship in memory of James Chapman and of his sons Stirling and Rodney Chapman, the following Rules are hereby made:

1. The Scholarship shall be known as the Chapman Memorial Scholarship.

2. The scholarship shall be awarded annually to a candidate who, having been a student of King's College, Adelaide, has been recommended to the Council by the Headmaster of King's College and has matriculated in either the Faculty of Science or the Faculty of Engineering. Provided that no award need be made if, in the opinion of the Headmaster of King's College, no eligible person is worthy of the award.

3. The Council may, in its discretion, terminate the tenure of the Scholarship of any Scholar who does not continue with his course or whose progress in his studies is unsatisfactory; and in such case the Scholarship may be awarded to another person in accordance with rule 2.

4. The period of tenure of each Scholarship shall normally be three years, with power for the Council to increase this period in the case of a student whose course in either of the above Faculties extends beyond three years.

5. So long as the fund and the income thereof suffice for the purpose, each Scholarship shall be of the value of £45 a year, which shall be paid to the Scholar in three equal instalments, one at the beginning of each term in the year or years in which the Scholarship is current.

6. These Rules may be varied from time to time by the Council, but the title and purpose of the Scholarship shall not be changed, nor shall the Scholarship be awarded save on the recommendation of the Headmaster of King's College, Adelaide.

Award.

1957 May, Kevin Ronald

* About £1,400.

William Donnithorne Awards.

RULES.

Whereas the late William Donnithorne has bequeathed to the University the sum of £2,050, the income of which shall be applied annually "to assist one medical student and one law student to continue their studies as the Chancellor of the University may decide," the following Rules are hereby made:

1. Two awards, each to be known as a William Donnithorne Award, shall be available each year

2. The value of each award shall be determined by the Chancellor when he makes it.

3. Each award shall be tenable for one year, but a candidate shall be eligible to receive an award for more than one year.

4. To be eligible for an award an applicant must have completed at least one full year's work in his course.

5. Both academic record and financial need will be taken into account in determining awards. A candidate must therefore give particulars of all other monetary awards (if any) that he holds and of his own and his parents' financial circumstances.

6. In the absence of any suitable candidate wishing to continue undergraduate studies an award may be made to a graduate to enable him to undertake studies in the Faculty concerned.

7. Applications in writing shall be lodged with the Registrar not later than March 1 in the year for which the award is sought. Applications must give the particulars referred to in Rule 5 above, and in the case of candidates wishing to undertake graduate studies particulars of the studies proposed.

D. 1088/52.

Australian Atomic Energy Commission Undergraduate Scholarships.

The Australian Atomic Energy Commission provides each year a number of Undergraduate Scholarships in Geology, Geophysics, Metallurgy and Chemical Engineering. They are open to British subjects domiciled in Australia and enrolled in an approved course of study leading to a degree in Science or Engineering.

The basic value of each Scholarship is £300 in the first year, with annual increments of £25. All tuition fees of a compulsory nature are paid by the Commission which will, in addition, make an allowance for books and an allowance, at the rate of £65 a year, to scholarship holders who are required to live away from their homes during training.

Further particulars may be obtained either from the Registrar of the University (D. 380/56) or from the Secretary, Australian Atomic Energy Commission, Sydney, New South Wales.

Australian Atomic Energy Commission Post-graduate Studentships.

CONDITIONS

1. A Studentship shall be granted for research on an approved project at a University or other approved research institution. The University shall nominate the project and the student, but the final choice in each case shall be made by the Commission. The research project shall be within fields of importance to Australia's programme of atomic energy research, development and application—at present Applied Physics, Chemistry, Chemical Engineering, Electrical and Mechanical Engineering, Metallurgy and Physics. Students will normally be expected to be accepted by the University as students working for a Ph.D. degree.

2. The Studentship shall be tenable for a period of one year, which may be renewed at the discretion of the Commission for a second or third year, dating from the commencement of studies.

3. The Studentship shall have a value of approximately £700 a year. If, however, acceptance of the studentship makes it necessary for a student to live away from home the Commission will meet the cost of rail fares for the journey from his home to the University town at the commencement of his studentship and on return at the end of his studentship, and similar return fares between University and home at the end of each year of his studentship. The Commission will also meet compulsory University fees except those fees payable for the actual taking out of a degree (examination and graduation fees, cost of preparation of a thesis, etc.).

4. The living allowance will be paid to the University in advance. The University will pay the student at such intervals as it considers desirable.

5. The Taxation Branch has indicated that a studentship is not subject to taxation. Hence the holders of studentships need not lodge income tax returns unless, during the year in question, they derive income from sources other than the studentship.

6. A brief report on the progress of a student's work and his activities must be sent to the Commission at the end of each half year by the student's supervisor. At the end of each year a technical report, written by the student on the progress of his work, must be submitted to the Commission.

7. The Commission may terminate a studentship at any time if it is not satisfied with the progress or conduct of the student.

8. If a student wishes to cease his training before the tenure of his studentship expires, he shall inform the Commission immediately. Studentship emoluments will cease on the date on which a student discontinues his training. He may be required to refund any money paid to him in advance in respect of the unexpired portion of his studentship.

9. A student shall be expected to devote the whole of his time to training in research except for such reasonable vacations as are customary for students of similar status in the institution at which he is working.

10. A student may be permitted to undertake limited teaching or demonstrating duties during the period of his studentship, but he must inform the Commission of the extent of such activities and the income derived from them. The Commission may ask him to reduce these activities if it considers they are interfering with his training.

11. If a student is absent from work continuously for more than two weeks on account of illness, he must forward to the Commission a certificate from a qualified medical practitioner stating that his absence was occasioned by such illness. If a student's absence on account of illness continues for more than four weeks, the Commission will consider what effect, if any, this will have on his studentship.

12. Appropriate acknowledgment to the Commission shall be made if a student submits for publication any manuscript embodying the results of work he has undertaken during the tenure of his studentship.

Awards to Adelaide Candidates.

For previous awards, see Calendars from 1960.

- 1958 Deacon, Glen Berenger, B.Sc.
 Gray, Neil Boon, B.E.
 Field, Graham J., B.E.
- 1959 Haskard, Malcolm R., B.E.
 Weller, Keith R., B.E.
- 1960 Mathews, Brian W., B.Sc.
 Messenger, Malcolm J., B.E.
- 1961 Cattrall, Robert W., B.Sc.
 Kelly, Robert J., B.E.
 Potter, Robert J.

Shell Postgraduate Scholarships.

1. Applied Science.

The Shell Petroleum Company Limited, London, offers annually on behalf of the Royal Dutch-Shell Group of Oil Companies two scholarships, tenable in the United Kingdom, for post-graduate work in the applied sciences. The scholarships are designed to enable the holders, being graduates, to undertake two years' post-graduate work at the universities of Cambridge, London or Oxford, or at such other university in the United Kingdom as may be indicated by the specialised nature of studies which the scholar intends to follow.

The scholarships are valued at £750 sterling per annum. The cost of the passage to the United Kingdom and the return passage to Australia, if effected within 12 months of completion of the scholarship period, will be paid by the Shell Company of Australia Ltd.

The selection of the Australian candidates will be made on behalf of the Shell Petroleum Company Limited by a Selection Committee in Australia and full particulars of the selected candidate will be sent to the U.K. Residence will normally be taken up in October of the year during which the scholarships begin. Allowances will be paid quarterly, the first instalment being paid on the first day of the term in which the candidate takes up residence at the University.

These scholarships are open to candidates who, being male British subjects, have been domiciled in Australia for the last five years and have taken with high honours a first degree in science or engineering at an Australian University, or expect to complete such a degree in 1958. In order to obtain the degree of Ph.D. at Cambridge a year's research in the Australian University is essential before going to Cambridge. Candidates should normally be under 25 years of age at the date of application.

Applications are desired from single men, but consideration will be given to married men; however, married men would need to cover the cost of the wife's passage to and from the United Kingdom.

2. Arts, Commerce, Economics, Law.

The Shell Company of Australia Limited offer annually up to three Post-graduate Arts Scholarships, each of which provides for two years' study at the Universities of Oxford or Cambridge. These Scholarships are each valued at £750 sterling per annum, plus passages.

Candidates must be in the final year of a full-time course for the degree of Bachelor of Arts, Commerce, Economics or Law at an Australian University. In addition candidates must be male British subjects with at least five years domicile in Australia, under the age of 25 years, unmarried, not currently holding another scholarship for overseas study, and free to accept an offer of employment with the Shell Company if such an offer is made and the candidate wishes to accept.

3. Selection.

The selection will be made by a committee comprising senior members of University staff and representatives of the Management of the Shell Company of Australia Ltd. Consideration will be given to academic ability and achievements or distinctions in other spheres as evidence that a candidate may ultimately have an important contribution to make to the commercial life of the community. State finalists will be required to present themselves for medical examination at the Company's expense prior to visiting Melbourne for final selection in December.

4. Applications.

Applications for these Scholarships should be made to the Staff Manager, The Shell Company of Australia Limited in the capital city of the State in which the applicant resides, by 31st October. Special forms and further information are available from the Registrar.

Awards to Adelaide Candidates.

Applied Science:

- 1954 Brett, Horace W. W., B.Sc.
- 1955 McCarthy, Ian E., B.Sc.
- 1958 Hearn, Anthony C., B.Sc.

Arts:

- 1956 Schneider, Michael P., B.A. (Special Award).

General Motors-Holden's Postgraduate Research Fellowships.

At the beginning of the 1957 academic year, General Motors-Holden's Limited made available to Australian Universities 25 Fellowships, each of the value £800-£1,200, to enable young graduates of outstanding talent to undertake research. The University of Adelaide has been allocated two of these Fellowships, with the possibility of an additional one in certain circumstances.

All graduates of Australian Universities are eligible to apply. Applicants, however, should make application to the particular University in which they desire to pursue their postgraduate studies. Graduates in all faculties may apply but, other things being equal, preference may be given to applicants who have graduated in Engineering, Science, Commerce or Economics, and who intend to follow careers in industry or teaching in Australia on completion of their Fellowships. Preference may also be given to applicants who have already qualified for a Master's degree or its equivalent in their appropriate faculties. Qualities of leadership as well as academic achievement will be taken into consideration in making Fellowship awards.

Application forms, obtained from the Registrar's office, should be completed and lodged not later than November 30 each year.

Awards.

For previous awards, see Calendars from 1959.

- 1959 Mortimer, Peter I., M.Sc. (awarded for third year).
 Nicol, Lawrence W., B.Sc.
 Nilsson, Carl S., B.Sc.
- 1960 Gooden, John E. A., M.Sc.
 Mumme, William G., M.Sc.
 Nicol, Lawrence W., B.Sc. } awarded for
 Nilsson, Carl S., B.Sc. } second year
- 1961 Storer, Robin G., B.Sc.
 Mumme, William G., M.Sc. (awarded for second year)
 Nilsson, Carl S., B.Sc. (awarded for third year)

The Baillieu Research Scholarships.

Whereas the University has received a sum of money under the provisions of the Repatriation Fund (Baillieu Gift) Act, 1937, for the purpose of establishing and maintaining in perpetuity within the University a scholarship or scholarships, the following rules are hereby made:

1. Two Scholarships, to be known as the Baillieu Research Scholarships, shall be available annually.

2. The value of each Scholarship shall be £75 a year, or such other sum as the Council may from time to time determine, and shall be paid to the Scholar in three equal instalments, one at the beginning of each term.

3. Each Scholarship shall be tenable for one year in the first instance, but may be renewed for a second year and, in exceptional cases, for a third year, but not longer.

4. Any graduate of the University who desires to conduct within the University postgraduate research in Medicine, Law, Commerce, Economics or Architecture, and whose research proposals are satisfactory to the Head of the Department concerned, shall be eligible for a Scholarship.

5. Where a candidate, eligible under Rule 4, is the lineal descendant of an Australian soldier, sailor or airman who, as the result of an occurrence happening during the period he was a member of the Forces, has died or has been blinded or has been permanently and totally incapacitated, he shall be awarded a Scholarship without regard to the merits of other candidates.

For the purposes of this rule:

- (a) a member of the Forces shall be deemed to have been blinded if his eyesight is so defective that he has no useful sight; and
 (b) a member of the Forces shall be deemed to have been permanently and totally incapacitated if he has been incapacitated for life to such an extent as to be precluded from earning other than a negligible proportion of a living wage.

6. Every application for an award—including, in the case of a Scholarship holder, any application for renewal—must be made through the Head of the candidate's Department, and should reach the Registrar by October 31. It should include full details of the proposed research and of the arrangements made or to be made for carrying it out.

7. All awards shall be made by the Council, on the recommendation of either the General Research Committee or the Medical Research Committee. If at any time there are more recommendations than available Scholarships, the Council shall choose between the recommended candidates.

8. If in any year a Scholarship is not awarded, such Scholarship may be awarded as an additional Scholarship in any subsequent year.

D. 350/51.

Award.

1960 Charnock, John S., B.Sc.

The David Murray Scholarships.

These scholarships, of the value of £25 each, were founded by the late David Murray, a former member of the Council of the University.

For conditions, see Statutes, Chapter XXXI, page 200.

Conditions and Methods of Award by Faculties.

ARTS.

In order to encourage students to undertake work of an advanced character a David Murray Scholarship will be awarded on the result of the examination for the Honours Degree of Bachelor of Arts, in Classics or French or Philosophy or Mathematics or German or Geography to a candidate whose work is considered to be of sufficient merit.

SCIENCE.

This scholarship is awarded to enable the recipient to carry out some scientific investigation. The successful candidate, who must have satisfied all the academic requirements for a degree in either pure or applied science, is required to submit the subject of his work for approval by the Faculty and the Council.

Payment will be made in two instalments, the first on approval by the Council of the subject of the scholar's work, and the second on receipt of a satisfactory report of progress.

LAW.

A David Murray Scholarship of £25 will be awarded each year to a candidate for the Honours degree of Bachelor of Laws who has maintained a consistently high standard in his work throughout the course, and has demonstrated his ability to undertake advanced work and original investigation.

MEDICINE.

Facilities for higher work will be offered to any graduate or undergraduate who desires to pursue a subject of research. A scholar-

ship of the value of £25 may be awarded every second year for such work, provided it is of high quality. Undergraduates of not less than three years' standing and graduates of not more than two years' standing will be eligible to compete.

Awards.

For previous awards, see Calendars from 1913.

- 1955 Law—Wilson, Ian Bonython Cameron
Arts—McGill, Ian Keith
1957 Arts—Glenn, Margaret Joy
Medlin, Brian Herbert
Law—Curnow, Doreen
1959 Arts—Nettelbeck, Colin W.
Law—Cornish, William R.
1960 Science—Szekeres, Peter, B.Sc.
Law—Gervassi, Illa L.
Arts—Dragovich, Deirdre J.

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 207.

Awards.

For previous awards, see Calendars from 1923.

- 1954 Gooden, John E. A. 1959 Ramsay, George C.
1958 Snoswell, Alan M. 1960 Ramsay, George C., B.Sc.

The Eric Smith Scholarship.

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

For conditions, see Statutes, Chapter XVIb, page 185.

Awards.

For previous awards, see Calendars from 1960.

- 1942 Wilson, Jack Woodrow 1952 Webber, Ian Ernest
 (resigned) 1957 Woods, Meredyth Tenison-
1942 Cheek, Donald Brook 1961 Sanders, David A.
1948 O'Connell, Brian John

The St. Alban Scholarship.

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of £150 for the purpose of founding a scholarship, to be called the St. Alban Scholarship, the University has agreed—

1. That the St. Alban Scholarship shall be awarded by the University to any matriculated student thereof who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity) shall be nominated by the said Lodge as a person to whom a St.

Alban's Scholarship shall be awarded. Each student so nominated shall hold such scholarship for such number of consecutive academical terms as the student must for the time being complete in order to obtain a degree in (as the case may require) Laws, Medicine, Arts, Economics, Science, Engineering or Music: Provided, nevertheless, that the said Lodge may from time to time at the end of any academical year terminate the tenure of the scholarship by the holder thereof for the time being, and substitute another matriculated student for such holder. Each student so substituted shall therefrom have all the advantages appertaining to such scholarship.

2. The value of the scholarship will be £15 a year, and the University will credit that sum towards payment of the scholar's fees in each year during which the scholar holds the scholarship.

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

4. Save by permission of the Council of the University, no scholar shall be entitled to exemption from or to a reduction of University fees during more than the number of academical terms, reckoned consecutively, which such scholar must complete in order to obtain a degree in the course of study pursued by him or her, and the terms shall be computed from the day next preceding the commencement of the academic year in which he or she shall become a scholar.

5. Certificates in the respective forms hereinafter provided, or in some similar form, purporting to be signed by the Master or Acting Master and by the Secretary or Acting Secretary for the time being of the St. Alban Lodge, and to be sealed with the seal thereof, shall respectively be accepted by the University as sufficient evidence of the truth of the statements contained therein respectively, and of the due signature and sealing thereof respectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro-Grand Master, or (failing him) the Deputy-Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia shall be accepted by the said University as sufficient evidence as well as the right of the person by whom any such certificate shall purport to be signed to sign it and to do the act mentioned therein, as of the fact that the alleged act has been duly done.

As amended by Council, June, 1922, and subsequently amended in 1954.

1. A prize of the value of £5 shall be offered annually for the best essay on a subject connected with the work of the United Nations.

2. The subject for essays in any year shall be prescribed by the Faculty of Arts before the end of the preceding year.

3. Any undergraduate or non-graduating student in the University, or any member of any class under the control of the University, shall be eligible to compete, provided that he is not already a graduate of any University.

4. An essay for the prize shall—

- (a) contain not fewer than 4,000 nor more than 10,000 words;
- (b) be submitted to the Registrar not later than 30th September in the year of competition (unless in special circumstances a later date be allowed);
- (c) be accompanied by a list of the sources from which the material for it was obtained.

5. The prize shall not be awarded more than once to the same person; nor shall an award be made in any year if in the opinion of the examiners no essay of sufficient merit has been submitted.

6. The examiners shall be appointed annually by the Faculty of Arts and shall convey their decision to the Registrar not later than 1st December in the year of competition.

7. Whenever the credit balance of the income from the endowment will permit the value of the prize shall be increased to £10.

8. These rules may be varied by the Council from time to time, provided only that the general purpose of the endowment be fulfilled.

Awards.

For previous awards, see Calendars from 1937.

1940	Gent, John George Moyns	1944	Osborn, Rowen Frederic
1943	Cheek, Bruce Mansfield	1945	Cashmore, Helen Patricia

The subject for 1961 is—

Is the United Nations Secretariat in need of reform?

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 190.

Awards.

For previous awards, see Calendars from 1911.

1953	Kelly, Robert John	1957	Perriam, Donald J.
1954	Kersten, Lee Irving	1958	Elix, John A.
1955	Wells, Gregory Samuel.	1959	Gersch, Nerida F.
1956	Klaebe, Kenneth Eric	1960	Gibson, Edmund R. B.

Commonwealth Scholarships.

The Commonwealth Scholarship Scheme is administered by the State Education Departments on behalf of the Commonwealth. The scholarships serve a two-fold purpose in that they both provide educational opportunity for the individual and help to maintain the output of qualified men and women needed in the national life of Australia. Commonwealth Scholarships may be used for either full-time or part-time study.

In South Australia nearly all Commonwealth Scholarships (more than 250 a year and referred to below as "Open Entrance Scholarships") are awarded on the results obtained in the applicant's best five papers at the Leaving Examination taken at the one time; results at the supplementary examinations are not counted. A candidate must reside in Australia with his parents and must be under 25 on 1st January of the year in which he begins his course, irrespective of when he sat for the Leaving Examination. In addition he must not already have a record of failure in University or similar courses; previous successful study in such courses may not disqualify. Commonwealth Scholarships are NOT awarded on Leaving Honours results.

A successful applicant may request deferment of his scholarship for twelve months in order that he may take a Leaving Honours course or for other good reasons; in approved cases deferment may be granted for two years.

An applicant must fulfil the entrance requirements for his chosen course before he can use his scholarship. In general these can be completed during a year of deferment, but in the case of degree courses the applicant must have matriculated for some degree course at the time of award.

An open Entrance Scholarship may be used for any approved course in Australia. In South Australia the courses which have been approved to date are: all University first degree courses; most University diploma courses; South Australian Institute of Technology diploma courses; diplomas in Agriculture, Dairying and Oenology at Roseworthy Agricultural College; the diploma of the Kindergarten Training College; diplomas in Pharmacy and Optometry. Lists of courses available in this and other States may be seen at the Scholarships Branch, Second Floor, Education Building, Flinders Street, Adelaide.

Some Commonwealth Scholarships are available each year for students who did not obtain scholarships on their Leaving Examination results but who have had some success in an approved course. It is also open for a student in any year of his course to apply for an Open Entrance Scholarship on his Leaving Examination results. Should he not be successful he can still be considered for a Second or Later Year Scholarship based on his course record.

All awards are competitive, and a minimum standard is prescribed.

Commonwealth Scholarships involve certain minor obligations during training, but there is NO obligation to serve the Commonwealth Government on completion of the course. The Scholarships cover payment of most compulsory fees, including the University Statutory Annual Fee and the General Service Fee, but do not cover fees for residence. Fees are not paid for part-time students unless such fees exceed £10 in the first year of study under the Scholarship. If fees are more than £10 in the first year, fees in subsequent years will be paid although they may be less than £10. Provision is made for reimbursement of the fare in excess of £2/10/- for a single journey or £5 for a return journey at student concession rates, incurred by a student in travelling to or from his home each long vacation or at the commencement or conclusion of his course.

Scholars undertaking approved full-time courses on a full-time basis may apply for a living allowance, which is payable subject to a means test. The maximum living allowances are £234 per annum in the case of a scholar living with his parents and £364 per annum in the case of a scholar living away from his parents. These maximum allowances are payable when the adjusted family income of the student's parents does not exceed £720. The adjusted family income is ascertained by taking the full income of the scholar's parents for the financial year immediately preceding the year in which the living allowance is desired and deducting £150 for the first dependent child (other than the scholar) under 16 years of age and £75 for each other dependent child under 16 years of age.

The maximum allowances are reduced at the rate of 4/- for every £1 by which the adjusted family income exceeds £720, between £721 and £1,440, and by 6/- for every £1 above £1,440.

A scholar's own income is taken into consideration after assessing his living allowance on the adjusted family income. The living allowance assessed on the adjusted family income is reduced by the amount by which the scholar's income from all sources (including other awards but excluding income from employment during the long vacation) exceeds £2 a week.

Some concession may be made where the scholar has brothers or sisters undertaking full-time tertiary courses, and in special cases where the family income suffers a marked decline, such as on the death of the father, the living allowance may be assessed on the family current income instead of on the income of the previous financial year.

In the academic year following a scholar's 25th birthday, a different method of assessing living allowance is used and the parents' incomes are not considered.

At present a student may hold both a bursary and a Commonwealth Scholarship if the parents' income is such that benefits of £10 or more may be received from the Commonwealth Scholarship.

Applications must be made on the prescribed form. The closing date is 30th November each year and applications must be lodged

with the Education Department by that date. If awarded a scholarship, the student is required to sign a formal acceptance. Subject to satisfactory progress the scholarship will be continued for the duration of the course but an acceptance must be signed annually. Applications for living allowance must be lodged annually and should be in the hands of the Scholarships Branch by the 30th November each year. Further information will be provided on enquiry at the Scholarships Branch, Education Dept., Flinders St., Adelaide.

Students under bond cannot be awarded a Commonwealth Scholarship. Students who have resigned a bond and have satisfied the requirements of the bonding authority are eligible to apply.

A few Mature Age Scholarships are available to students between 25 and 30 years of age who have resided in Australia for at least two years and who fulfil certain other conditions.

Students or teachers requiring further information should enquire at the Scholarships Branch, Education Department.

Government Bursaries and Studentships, tenable at the University.

(Regulations of the Education Department in regard to Scholarships.)

Leaving and Honours Bursaries.

11. Bursaries as specified hereunder shall be offered annually for competition among children resident in South Australia or (in cases approved by the Director) in a reciprocating State whose parents have been domiciled or resident in Australia for the two school years next preceding the 31st day of December of the year in which such children compete, or, if they have not been so domiciled or resident, satisfy the Minister, by such evidence as he may require, that it is their intention to reside in South Australia during the term for which the bursary may be awarded.

(1) (a) Forty-eight Leaving Bursaries to be awarded by the Minister in two divisions on the results of the Leaving Examination of the University of Adelaide, as follows:—

Division I—Eighteen such Bursaries shall be awarded to children who, for the two years next preceding the 31st day of December of the year in which they compete have been in attendance at a school in South Australia situated beyond a radius of ten miles from the General Post Office at Adelaide.

Division II—Thirty such Bursaries shall be awarded to children who are in attendance at a school situated within a radius of ten miles from the General Post Office at Adelaide or to children who have been educated wholly or partly elsewhere than at a South Australian school. Any candidate who has attended for the two school years next preceding the 31st day of December of the year in which he competes, partly at a school in Division I and partly at a school in Division II, shall compete in Division II. Provided that if any of the 18 Bursaries awarded in Division I or of the 30 Bursaries

awarded in Division II be not accepted by the student to whom it is awarded it may be awarded to a qualified student in either Division.

(b) Competitors must not be more than 17½ years of age on the 31st day of December of the year in which they compete.

(c) The relative value of the subjects shall be fixed from time to time by the Director: Provided that, in the competition for the Leaving Bursary six subjects shall be the maximum number for which a candidate may claim credit including Drawing and Music if all sections of each such subject have been taken within the year of application, but only two of the subjects, Arithmetic, Mathematics I and Mathematics II shall be counted.

(2) (a) Twelve Honours Bursaries to be awarded by the Minister on the results of the Leaving Honours Examination of the University of Adelaide. Every candidate who has passed in at least four subjects of the Examination shall be eligible for the award of an Honours Bursary. The result shall be determined by adding together the marks obtained by the candidate in not more than five subjects in the said examination. Pure Mathematics counts as two subjects. The relative values of the subjects of the said Leaving Honours Examination shall be fixed from time to time by the Director.

(b) Honours Bursaries shall be awarded only to those deemed by the Minister to be of sufficient merit.

(c) Candidates must be under 19 years of age on the 31st day of December of the year in which they compete and must not previously have attended any part of the undergraduate course of the University of Adelaide in those subjects in which they are competing for an Honours Bursary.

(d) To perpetuate the memory of the late Hon. Archibald Henry Peake, former Premier and Minister of Education of the State, the first of the said Honours Bursaries awarded in each year shall be known as the "Archibald Henry Peake Bursary."

12. No beneficiary under any other Education Scheme shall be eligible for award of a Bursary unless he foregoes such other assistance, nor shall any Bursary be awarded to any candidate for whose education at the University provision has been made out of public fund, unless otherwise approved by the Minister, but the Angas Engineering Exhibition may be held in conjunction with a Leaving Bursary and an Honours Bursary may be held in conjunction with the Hartley Studentship.

13. No candidate shall be awarded a Bursary unless he has completed the matriculation requirements for the Faculty in which he proposes to study.

14. The Bursaries shall be tenable at the University of Adelaide for any course for which the bursar is eligible, and shall consist of a maintenance allowance at the rate of £13/6/8 per term.

In addition, in respect of such period of time (if any) as it is necessary for a bursar to board away from home to attend the University of Adelaide, or if the Director is satisfied that such bursar

could not have the benefit of the Bursary without additional assistance, or if his parents or guardian reside outside the State for any period of time during the tenure of his Bursary, the rate of maintenance may be increased to an amount not exceeding £38/6/8 per term in respect of such period of time as that condition exists, or alternatively a travelling allowance at a rate not exceeding £5 per annum may be paid, but no bursar shall be paid both a maintenance allowance beyond £13/6/8 per term and a travelling allowance. Travelling allowance shall not be payable to a bursar living in the metropolitan area as defined in regulation 1 of this part. Bursaries shall also be tenable for any full-time diploma course of the South Australian Institute of Technology.

15. Honours Bursaries shall exempt the holders from all fees, other than fees for supplementary examinations, payable to the University of Adelaide in the courses for the degrees and from all fees payable to the South Australian Institute of Technology.

The Council of the University of Adelaide has agreed to remit in respect of Leaving bursars all fees other than fees for supplementary examinations payable to the University of Adelaide in respect of degree courses. The South Australian Institute of Technology Council has agreed to remit all fees payable for courses taken by Leaving bursars.

Bursars taking the Bachelor of Agricultural Science Course shall be exempt from all fees payable to the Roseworthy Agricultural College and holders of Bursaries in Medicine shall be exempt from all fees payable for hospital instruction and to the Queen's Home.

16. A bursar taking a course which provides for study partly at the University of Adelaide and partly at a University in another State shall be exempt from all fees payable to the University in the other State and shall be paid the full maintenance allowance during his attendance at that University.

17. Subject as hereinafter provided in the year following the examination each successful candidate whose bursary is tenable at the University must enter the University of Adelaide as an undergraduate in such degree or diploma course or courses or degree and diploma courses as may from time to time be approved by the Honourable the Minister of Education. A candidate who enters as an undergraduate student in Science may take any one of the courses, including the special course in Agricultural Science given by the University in conjunction with the Roseworthy Agricultural College. Subject as hereinafter provided in the year following the examination each successful candidate whose bursary is tenable at the South Australian Institute of Technology as a student in such full-time diploma course or courses as may from time to time be approved by the Minister.

18. Except in the case of illness or other sufficient cause, each bursar must in order to retain the Bursary attend all lectures and pass all examinations required in the selected course. Notwithstanding anything herein contained in any case in which it is considered desirable by the Director, the candidate may postpone his entry to the University for one year, or in special circumstances for a longer

period not being later than the first term of the third University year immediately following the award as the Director determines.

In the case of a Leaving bursar not coming within the scope of paragraph 19 hereof, he may be granted an allowance at the rate of £10 per annum during his attendance at a Secondary School for the approved period of postponement, provided he is not the holder of an Intermediate Exhibition.

19. (1) A student awarded a Leaving Bursary pursuant to and in accordance with either Division I or Division II of paragraph 11 (a) hereof, whose permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense, may, with the approval of the Director, postpone his entry to the University for one year if he so desires, provided he remains for that year at a school approved by the Director, and undertakes to sit for the Leaving Honours examination at the end of that year.

(2) In such a case, provided he is not the holder of an Intermediate Exhibition, he may be paid an allowance at the rate of £30 per annum plus a boarding allowance at the rate of £75 per annum in respect of such period of time (if any) as his permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense.

(3) If a student who has been paid the allowances referred to in paragraph (2) does not pass the Leaving Honours Examination, his Bursary shall lapse unless he produces a certificate from the Head Master of his school that he is fitted to enter upon a University Course, in which case he shall be permitted to retain the Bursary.

20. A student holding a Leaving Bursary whose entry to the University has been postponed will not be eligible to compete for an Honours Bursary while holding a Leaving Bursary, but his name will be included in order of merit in the Leaving Honours list.

21. If the Director is satisfied that the holder of the Bursary is not making satisfactory progress or that his attendance or conduct at the University or Institute of Technology is unsatisfactory, payment of the monetary allowance involved may be reduced or withheld at the discretion of the Director, or he may recommend to the Minister that the Bursary be terminated.

22. Application from intending competitors must be received in the Education Office on or before the 31st day of October of the year in which they compete, and must be on the official form.

23. In the event of a Bursary lapsing or being forfeited, the money may be used within twelve months of such lapse or forfeiture, either in providing an additional Leaving Bursary or Honours Bursary, as the case may be, or as the Minister directs.

For awards, see the Manual of the Public Examinations Board.

Evening Studentships.

24. Four studentships shall be offered annually for competition by persons attending or proposing to attend evening lectures at the University or the South Australian Institute of Technology with a view to graduating or securing a diploma. These studentships shall be awarded to candidates whose occupations or circumstances prevent them attending the day lectures.

25. The value of a studentship shall be the fee for attendance at lectures in the subject or subjects taken by the student up to a maximum of £31/10/- in any one year; and in the case of a student taking a science-type course, additional fees for practical or laboratory work up to a maximum of £9/9/- in any one year.

The studentship shall not pay the matriculation fee, the Statutory Annual Fee, the General Service Fee, nor shall it pay tuition fees beyond the value of the studentship. The student shall be responsible for these and for books and equipment.

26. Studentships may be offered for any degree or diploma course at the University of Adelaide or the South Australian Institute of Technology for which lectures may be attended after 5 p.m. from Monday to Friday or on Saturday mornings.

27. There shall be no restriction as to the age of candidates except that a candidate must be of the minimum age stipulated by the institution for the required course of study.

28. Applicants must have satisfied the requirements for matriculation in the Faculty or entrance upon the diploma course in which the applicant desires to enrol.

29. No candidate who holds any other Scholarships, Bursary, Cadetship or other financial award for studies at the institution shall be eligible for an Evening Studentship.

30. Each award shall be renewable on annual application up to a total of not more than five years. Renewal shall be dependant upon satisfactory progress.

The Minister, on the recommendation of the Director, may withdraw or refuse to renew any studentship if it is considered that the student is not making satisfactory progress.

Fees for any subject shall be paid once only.

No holder of an Evening Studentship who has had it withdrawn for any reason shall be eligible for the award of an Evening Studentship at a later date.

31. Payment of lecture fees within the limits stated in paragraph 25 shall be made direct to the institution on demand. The Minister may cancel the studentship awarded to any student who has, without reasonable excuse, failed to attend such lectures diligently, and regularly and the training institution shall be asked to refund the unused proportion of the fees paid.

32. Candidates for Evening Studentships must apply to the Director of Education in writing on or before 1st February of the year in which the applicant desires to hold the studentship. Each candidate shall state:—

1. His age, whether at work during the day, how employed, and what salary or wages he receives.

2. His qualifications in point of knowledge, namely:—

- (a) Particulars of any public examinations he has passed.
- (b) If he already holds a studentship and is applying for continuation, what work he has done and what examinations he has passed while holding it.

33. Studentships which are withdrawn or are discontinued shall lapse and shall not be re-allotted during the year. The maximum of new awards in any year, irrespective of the number of continuations, withdrawals, or relinquishments, shall be four.

Commonwealth Postgraduate Awards.

The Commonwealth Government has agreed to provide each year a number of awards for postgraduate study and research at Australian universities. One hundred of these awards were made available for 1959, of which 80 were allocated for direct award by the Australian Universities. The remaining twenty were reserved for award on the advice of the Australian Vice-Chancellors' Committee to candidates not included in the quotas allocated to the individual universities. Adelaide's direct allocation was eight.

The value of an award in the University of Adelaide is normally £700 a year. The award is tenable for one year in the first instance, and may be renewed annually up to a maximum of four years' tenure.

All applicants must be graduates or students who expect to graduate shortly after application. The candidate must be domiciled in Australia; a good Honours degree is expected; and a graduate or graduating student of another Australian University may apply.

The holder of an award will normally pursue a course of advanced study and research leading to a higher degree. It is not, however, obligatory to pursue such a course and an award may be made for postgraduate research which does not lead to a higher degree. The awards are open to graduates and students in all Faculties.

Applications, in writing, should be sent to the Registrar by the end of November of each year. Applicants should include full personal particulars, the names of two referees familiar with the University work of the candidate, a broad indication of the field of postgraduate research in which he wishes to work, and a statement of other awards which are held or are being applied for.

Awards for 1961.

Antcliffe, Gault A., B.Sc.	Klaebe, Kenneth E. B.Sc.
Dodd, Lindsay R., B.Sc.	Ratz, Alfred E.
Dragovich, Deirdre J.	Scales, Peter J.
Edwards, David G., B.Ag.Sc.	Thomas, Josephine A., B.Sc.
Hartwig, Mervyn C.	Williams, David R. G.
Hebart, Hans F.	

GENERAL INFORMATION.

The Rhodes Scholarship.

GENERAL REGULATIONS.

A Rhodes Scholarship is tenable at the University of Oxford and may be held for three years. Since, however, the majority of Rhodes

Scholars obtain standing which makes it possible for them to take a degree in two years, appointments are made for two years in the first instance. During the course of his second year every Rhodes Scholar will be invited to state whether he wishes to apply for a third year at Oxford, and, if so, what work he proposes to undertake. The Rhodes Trustees will not consider granting a third year unless (1) it can be shown that a third year is eminently in the interests of (a) the scholar's immediate studies and (b) his future career, or unless (2) his work, conduct and general record have been satisfactory.

The value of a Rhodes Scholarship is £750 (sterling) a year. This stipend should be sufficient to enable a Scholar, with care, to meet his necessary expenses for term time and vacations, but those who can afford to supplement it to a modest extent from their own resources are advised to do so.

As from October, 1959, a Scholar *in his third year* may be permitted to marry without being deprived of his stipend. The regulations governing permission to marry will require evidence to be shown that the joint income of husband and wife is likely to be sufficient to keep them in adequate comfort, and that suitable accommodation has been found.

The cost of the voyage to and from England must be borne by the Scholar.

METHOD OF APPLICATION.

Each candidate for a scholarship is required to make application to the Secretary of the Committee of Selection of the State in which he wishes to compete, using the prescribed application form, and furnishing the material therein specified. The closing date is September 1 each year.

Detailed information and forms of application may be obtained from the Secretary to the Rhodes Scholarship Selection Committee for South Australia, The University, Adelaide.

Awards.

For previous awards, see Calendars from 1913.

1956	Pocock, Edward Robert	1959	Terrell, Richard D.
1957	Evans, David Wyke	1960	Smyth, Michael E. B.
1958	Casley-Smith, John R., B.Sc.	1961	Seppelt, Brian M., B.Sc.

ROYAL COMMISSIONERS FOR THE EXHIBITION OF 1851.

Scholarship Awards.

1892	Allen, J. B., B.Sc.	1934	Ballard, L. A. T., M.Ag.Sc.
1902	Cooke, William T., B.Sc.	1935	Price, James R., M.Sc.
1905	Kleeman, Richard D., B.Sc.	1947	Bowes, Donald R., B.Sc.
1909	Glasson, Joseph L., B.Sc.	1950	Nossal, Peter M., M.Sc.
1912	Jauncey, G. E. M., B.Sc.	1952	Pettit, Rowland, M.Sc.
1920	Dawkins, Alfred E., B.Sc.	1956	Hall, Barbara I. H., B.Sc.
1925	Wood, Joseph G., B.Sc.		Hunt, Arnold L., B.Sc.
1927	Oliphant, M. L. E., B.Sc.	1960	Moritz, Alan G., B.Sc.
1933	Bosworth, R. C. L., M.Sc.		

Bursary Awards.

1901	Cooke, William T., B.Sc.	1911	Jauncey, G. E. M., B.Sc.
1904	Kleeman, Richard D., B.Sc.	1913	Sanders, Harold W., B.A.

The Gowrie Scholarship Trust Fund.

The Gowrie Scholarship Trust Fund offers annually two kinds of scholarships for University students: (a) four scholarships, each of the value of £100 a year, tenable at an Australian University for the normal length of the course being undertaken (with a possible extension, in special circumstances, for a further period not exceeding one year); (b) two postgraduate travelling research scholarships, each of the value of £A500 a year, tenable for two years at a University or other approved institution abroad.

A candidate for either scholarship must be or have been a member of one of the Forces with service in the war which began in September 1939, or be the child or other lineal descendant of such member, as defined in the Trust Deed. Further particulars may be had on application at the Registrar's Office.

Services Canteen Trust Fund Post-graduate Scholarship.

The Trustees of the Services Canteens Trust Fund offer each year a postgraduate Scholarship for competition amongst graduates who are the children of men or women who served in the Australian forces during the 1939-45 War. The Scholarship is valued at £A1,000 a year and is tenable abroad for a period up to three years.

In awarding the Scholarship the Trustees will take into account: (i) academic career; (ii) ability for research work; (iii) character; and (iv) the future value to Australia of the subject of research or study.

Further particulars may be had on application at the Registrar's office.

The William Culross Prize for Scientific Research.

RULES.

Whereas the late Mrs. Gertrude Culross has bequeathed to the University the sum of £250 for the purpose of providing an annual prize for scientific research, the following rules are hereby made:

1. The prize shall be called "The William Culross Prize for Scientific Research."

2. The value of the prize shall be £8 or an amount equal to the annual income from the bequest, whichever is the less, and shall be paid to the prizewinner in one sum.

3. The prize shall be awarded annually to the student who, being enrolled as a full-time student proceeding to a higher degree in science or engineering, shall have most greatly distinguished himself in scientific research in that year in the prescribed Group of sciences. The award shall be made by the Council on the recommendation of the General Research Committee.

4. For the purposes of Rule 3, the following Groups have been prescribed:

Group I—The biological sciences.

Group II—The physical sciences.

Group III—The sciences studied in the Departments of the Waite Agricultural Research Institute.

5. The prize shall be offered for competition for the first time in the year 1953 and shall be awarded for work done during that year in one of the sciences in Group I; thereafter it shall be awarded annually for work in each Group in rotation: provided that, if in the opinion of the General Research Committee there is in any year no candidate of sufficient merit in the Group appropriate to that year, the prize may be awarded to a candidate from either of the other two groups; but such award shall not affect the strict order of annual rotation of the three Groups.

6. If in any year no candidate is considered by the General Research Committee to be of sufficient merit the prize shall not be awarded for that year but the Council may, in the next or in any subsequent year, award two prizes if there be two candidates (not necessarily both in the same Group) who are recommended by the General Research Committee as being of sufficient merit.

Awards.

For previous awards, see Calendars from 1959.

1955	Martin, Peter Gordon, B.Sc.	
	<i>Prox. acc.:</i>	
	Davidson, James Logie, B.Ag.Sc.	} equal
	Panabokke, Christopher Rajendra, B.Sc. (Ceylon)	
1956	Monro, John Malcolm, B.Sc.	
1957	Coates, John Hewlett, B.Sc. (Nott.), Ph.D.	} equal
	Thompson, Malcolm James, Ph.D.	
1958	Buttrose, Mark S., B.Ag.Sc.	
1959	Snoswell, Alan M., B.Sc.	
1960	Moritz, Alan G., B.Sc.	

Mining and Metallurgical Bursaries and Scholarships.

The principal Australian base-metal mining companies have created a trust for the award of bursaries to selected candidates likely to enter the mining and metallurgical industries. A bursary is worth £50.

A candidate must be a British subject and have completed or received credit for the first two years of the course for the degree of Bachelor of Engineering in Mining Engineering or in Metallurgical and Chemical Engineering, or for the degree of Bachelor of Science with Geology as a major subject.

Applications must be lodged with the Registrar of the University not later than December 31, and should contain evidence of personality and scholarship.

Awards are made only when there are candidates of sufficient merit. More detailed information can be had on request to the Registrar.

Scholarships at Other Australian Universities for which Adelaide Students or Graduates May Compete.

There are, in the University of Melbourne, a number of awards for which students or graduates of other Universities are eligible to compete.

They are:

- The Argus Research Scholarship in Engineering.
- The Grimwade Prize in Industrial Chemistry.
- The Harbison-Higinbotham Research Scholarship.
- The John Melvin Memorial Scholarship.
- The Ernest Scott Prize.
- The Stawell Scholarship.
- The David Syme Research Prize.
- The Arthur Sims Travelling Scholarship.

The regulations governing the above awards either specifically include members of other Universities in the field of eligibility, or clearly contemplate such inclusion. There are, however, a number of others which do not exclude competition by members of other Universities, and for which applications from such persons would be considered. Scholarships in this class are in the main awarded to enable the scholar to undertake research work in the University of Melbourne. They include:

- The R. J. Fletcher Research Fund.
- The J. M. Higgins Research Foundation.
- The Kilmany Scholarship.
- The John Nevill Scholarship.
- The H. W. C. Simpson Research Scholarship.
- The Vacuum Oil Company Scholarship.

Similarly, in the University of Queensland, students or graduates of other Universities are eligible to apply for the Walter and Eliza Hall Scholarship in Economic Biology.

Particulars of the above scholarships and awards may be found in the Calendars of those Universities; the Calendars may be consulted in the Registrar's office.

Colonial Office Appointments.

Arrangements have been made with the Australian Universities to facilitate the appointment of graduates or others in the Colonial Service. These appointments are made by the Private Secretary (Appointments), Colonial Office, London, under the Secretary of State. The Central Committee of the Australian Universities may forward recommendations.

The services of main interest are the Administrative Services of East and West Africa; Medical Services; appointments in Agricultural departments, Education and Police; Survey, Geological, and Financial departments.

The countries administered by the Colonial Services include the East and West African Colonies and Protectorates, Hongkong, Malaya, Fiji and the West Pacific, Mauritius, the West Indies, etc., mainly within the tropics.

Apart from academic and technical attainments, the greatest importance is attached to character and personality. The qualifications necessary for recommendation may be considered as similar to those of an applicant for the Rhodes Scholarship in this State.

Further particulars may be obtained from Professor E. C. R. Spooner, The University, Adelaide.

Concession in Fees to Officers in Commonwealth Public Service.

Not more than four persons in each year being in the employment of the Government of the Commonwealth of Australia and being nominated by the Public Service Board of Commissioners may be admitted by the Council to the course for any degree (except the degrees of M.B. and B.S., B.D.S. and Mus.Bac.) or diploma (except the diploma in Music) recommended by the said Board upon paying one-half of the prescribed fees for lectures or examinations, provided that they shall otherwise comply with the regulations. Provided always that not more than twelve such persons shall enjoy the concession in any one year.

Concession in Fees to Officers in State Public Service.

The Public Service Classification and Efficiency Board of South Australia may nominate in each year not more than eight persons in the employment of the State Government of South Australia for admission to the course for any degree (except the degrees of M.B., B.S., B.D.S., and Mus.Bac.) or diploma (except the diploma of Music) upon payment of one-half the fees prescribed for lectures and examinations, provided that such students otherwise comply with the regulations. Preference shall be given, in making nominations, to students who have qualified for matriculation; and not more than twenty-four persons shall enjoy the concession in any one year.

British Passenger Lines' Free Passage Scheme for University Graduates.

The Australian and New Zealand Passenger Conference provides each year for 25 first class return passages to the United Kingdom in accordance with the following conditions:

1. Passages will be available by vessels leaving Australia between July 1 and December 31, and from the United Kingdom by vessels leaving between March 1 and June 30, in any year.
2. Passages will be awarded only to graduates who show that they will have sufficient funds to enable them to devote their whole time abroad to study and research, and who give an undertaking to do so.
3. Except in leisure hours and in University vacations, paid employment must not be undertaken unless the employment is in itself necessary to the study or research proposed by the passage holder.
4. Passage holders will be expected to spend at least two years abroad.
5. Except in special circumstances passages shall not be tenable by married persons.
6. Graduates to whom passages are awarded must sign an undertaking that they will, on completion of their courses, return to Australia. Exemption from this regulation may, in special circumstances, be granted by the Conference.
7. In the case of engineering students, it is recognised that some of the time will necessarily be spent in shops and yards of engineering firms, but the Associated Lines have expressed a wish that where

possible such students should supplement their practical work by attending a University.

8. Preference in the selection of candidates will be given to graduates who, although possessing sufficient means to live in Europe, could not afford to pay for their sea passages both ways.

9. Applications should be made in writing to the Registrar not later than a date—usually in April—fixed each year. Each should include the candidate's name, address, qualifications, proposed course of study, and date on which he desires to leave Australia. Such application will be forwarded by the Registrar to the Australian Vice-Chancellors' Committee for submission to the Secretary of the Australian and New Zealand Passenger Conference.

Rhodes Scholars are eligible for consideration in connection with these awards.

Students' Loan Fund.

On the suggestion of Dr. Leon Jona, who contributed £100, the Council has established a loan fund for the benefit of students in temporary financial difficulty. The fund is administered by a Board consisting of the Vice-Chancellor, the Chairman of the Finance Committee, and the Registrar. Applications should be made through a professor and the Warden of the University Union.

The Registrar furnishes a report annually to the Council in November, and the report does not include the name of any applicant.

Soldiers' Children Education Board.

In the case of the child of a deceased or permanently incapacitated soldier whose education has been supervised by the Soldiers' Children Education Board or any other body approved by the Council and who has qualified for admission to the University, the Council at its discretion may remit all or any of the fees payable to the University.

The University Research Grant.

The University Research Grant serves two purposes: to enable suitable young graduates to be trained in the principles and methods of original research and to promote research in the physical, biological and social sciences. The Grant therefore provides for the support of both trainee and qualified research workers and for the purchase of equipment and maintenance materials and for other expenses associated with the prosecution of approved research projects.

The grades and minimum qualifications of research workers for whom living allowances may be provided from the Grant are as follows:

1. *Junior Research Scholar*: A good Ordinary degree. Very few awards are made in this category; those that are made are intended to enable a Scholar to proceed to an Honours degree.
2. *Research Scholar*: A student whose minimum qualification is an Honours degree, or the equivalent, and who is studying for a Master's or a Ph.D. degree.

3. *Postdoctoral Research Fellow*: A student newly qualified to receive the degree of Ph.D., who—
- (i) is of exceptional quality;
 - (ii) wishes to stay in the University for a period not normally exceeding two years; and
 - (iii) is capable of conducting independent research and of assisting in the training of postgraduate students in a field of research of interest to his department.

Detailed particulars, including the living allowances payable in each grade, may be obtained from the Registrar. A potential candidate should consult the Head of his department (normally not later than September in any year) about the likelihood of his being recommended for an award.

SOCIETIES ASSOCIATED WITH THE UNIVERSITY.

Note: Enquiries as to the office-bearers of all student societies should be made of the Secretary of the University Union (Mr. H. Swales Smith).

Adelaide University Graduates' Union.

A Graduates' Association was founded in 1920 for the general purpose of promoting the spirit of corporate unity among the members of the University. The Association was re-constituted in 1952 under the name of the Adelaide University Graduates' Union. In 1953 it furnished and equipped a Graduate Centre in the old Anatomy Building, where a luncheon service is provided; members are entitled to use the Union Buildings, including the refectory and cafeteria, and possess other privileges.

The objects of the Graduates' Union, as set forth in its constitution, are the following:—

- (a) to use its influence with the public and with the Government to procure such increase of the financial and other resources of the University as may be necessary for its fullest and most efficient development;
- (b) to secure publicity for the needs and the achievements of the University, and to promote recognition by the State of the services of the University;
- (c) to suggest new and desirable fields of University activity;
- (d) to act in aid of the Council of the University in matters affecting the physical, moral, and social welfare of undergraduates;
- (e) to use its influence to promote the social and cultural aspects of University life among the faculties, graduates and undergraduates, and to promote such other advances and reforms as may appear advisable in their interests;
- (f) to advocate such measures as may appear advisable to provide residential accommodation for undergraduates;
- (g) to assist graduates to obtain useful and profitable employment to the end that the services of the University may find their full expression in the practical life of the community;

(h) generally to do all things incidental to, or which may have the effect of furthering, the above objects.

Membership is open to all graduates of the University or of any University recognised by the University and to all holders of a diploma or of a final certificate of the University upon payment of the annual subscription of one guinea. Subscriptions should be paid to the Secretary of the Adelaide University Graduates' Union at the University.

The Graduates' Union Committee is elected annually and consists of a President, a Vice-President and seventeen members.

The activities of the Graduates' Union, which are open to all members, have included an annual luncheon for new graduates, discussion meetings, social functions and debates between graduate and student teams.

The Graduates' Union publishes a Gazette four times a year to keep its members informed on University affairs.

Adelaide University Union.

The Union is the social and cultural centre for those University activities not specifically included in the academic syllabus. It endeavours to provide a common meeting ground for staff, graduates and students.

The objects of the Union are:—

1. to promote the intellectual culture of its members;
2. to represent its members on matters affecting their interests, and to afford a recognised means of communication between its members and the University authorities;
3. generally to secure the co-operation of University men and women in furthering the interests of the University.

The affairs of the Union are conducted by the Union Council and various committees appointed by the Council, notably the Union House Committee, the Union Hall Committee, and the Union Finance Committee.

The membership of the Union Council comprises:

(i) *Ex officio members:*

- (a) The Warden of the Union;
- (b) The Honorary Treasurer of the Union;
- (c) The Secretary of the Union;
- (d) The Assistant Secretary of the Union; and
- (e) The Registrar of the University.

(ii) *Elected members:*

- (a) Two nominated by the University Council;
- (b) Two nominated by the Staff Association;
- (c) Two (one man and one woman) nominated by the Graduates' Union;
- (d) Three nominated by the Sports Association of whom at least two must be undergraduates;
- (e) Three nominated by the Students' Representative Council; and
- (f) Three nominated by the Union.

The major constituent bodies are:—(i) The Graduates' Union, (ii) The Students' Representative Council; (iii) The Sports Association. Each constituent body of the Union directs a considerable number of activities and may administer any number of subsidiary associations, e.g. societies, sports clubs, etc.

Lunch, morning and afternoon tea, and dinner can be obtained in the refectory by members of the Union. The George Murray Common Room remains open until 10 p.m., and supper is served from 7 p.m.

In 1926 the Hon. Sir Josiah Symon, K.C.M.G., K.C., gave £9,500 to provide the Lady Symon Building for the Women's Union. His objects were to secure a common meeting ground and a social as well as an academic centre for women members of the University; to encourage the intellectual development of its members by discussions and debates, and otherwise to provide community and exchange of thought and foster the growth of a corporate spirit among University women; and to mark his own happy personal association with the early work of the University as a member of its Council and its active Committees for eight years.

In 1936 the Hon. Sir George Murray, K.C.M.G., Chancellor of the University, gave £10,000 for a building for the Men's Union. The building provides accommodation for undergraduate activities, and offices for the Warden and the Students' Representative Council.

The original Union buildings were provided by gifts through a public appeal in 1927, and the cloisters between the refectory and the Lady Symon and George Murray Buildings are a war memorial to those students, graduates and members of staff who served in the Great War (1914-18).

A further public appeal launched in 1955 raised over £100,000, and with a similar contribution, the University Union Hall was built and considerable extensions were made to the Union buildings, including a second dining hall, club rooms, and offices for the Union and the Sports Association. The original dining hall was named the Helen Mayo Refectory and the new dining hall the Wills Refectory.

The Union initiated and sponsors the University Health Service which was the first of its kind in Australia. Because of its development and growth the service is now housed in another University building.

Adelaide University Students' Representative Council.

The Students' Representative Council is elected by students in August of each year. It is the co-ordinating body for all student activities and is a constituent member of the Adelaide University Union. Its main object is to foster a fuller and more vigorous student life, and it acts as a liaison body between student societies and organizations and the University Union and University authorities.

It publishes the student paper "On Dit", the Union Diary and an annual University magazine. It also organises the annual Commencement and Recuperation Balls and the Orientation Week activities.

The Students' Representative Council is a constituent of the National Union of Australian University Students which comprises the students of all Australian Universities with a membership of some 55,000. The National Union represents students in discussions with Commonwealth Government authorities, the Australian Universities Commission and the Australian Vice-Chancellors' Committee. Among its annual activities are a National Drama Festival, Inter-varsity Debates and a National Art Exhibition. In addition it organises the activities of Faculty Associations throughout Australia.

The Students' Representative Council Office is situated at the eastern entrance to the Cloisters.

Adelaide University Sports Association.

The Sports Association was formed in 1897, and now includes, as amalgamated clubs, lacrosse, boat, pennant tennis, table tennis, athletics, football, cricket, rifle, baseball, golf, hockey, boxing and wrestling, rugby, soccer, men's basketball, badminton, judo, squash, winter pennant tennis, weightlifting, fencing, yachting, women's tennis, women's hockey, women's athletics, women's cricket, and women's basketball and softball clubs.

Its objects include the furtherance of the interests of amateur sport and of University life in general, the care and management of the University Oval and other playing fields, and the control of the constituent clubs. The inter-University sports and the award of Blues are its special province.

The management of the Association is vested in a General Committee, consisting of a President, Deputy-President, Honorary Treasurer, Honorary Assistant Secretary, two representatives appointed by the Council of the University, one representative appointed by the Graduates' Association, four representatives of the Colleges (one appointed by each of St. Mark's, St. Ann's, Aquinas and Lincoln Colleges), a representative appointed by the Students' Representative Council, a representative of the students enrolled for the Diploma in Physical Education, the honorary secretary of each amalgamated club, and the Registrar or some permanent official of the University appointed by the Council. There is also a permanent Secretary, who attends at his office at the Union Building from 9 a.m. to 5 p.m. daily, Saturdays excepted.

Membership is open to graduates of the University of Adelaide, or of any other recognised University, and undergraduates of the University of Adelaide, or any person who has taken, or is attending lectures for the purpose of taking a diploma or certificate of the University of Adelaide.

Membership of the Association entitles the member to take full part in the activities of any or all of the Association's constituent clubs, including the use of the ovals, the boats and boathouse, and the material used in the various games. The Association thus provides ample facilities for participating in an important aspect of student life.

University Sports Ground.

The Adelaide City Corporation leases a total area of about 44 acres of park lands to the University for use as recreation grounds by students taking part in the activities of the University Sports Association. All the area so leased is in constant use by the various clubs of the Association.

A boathouse and a pavilion were erected in 1910. Mr. Barr Smith gave £750 for the erection of the boathouse, and 12 donors (R. Barr Smith, T. E. Barr Smith, F. J. Fisher, Chas. Goode, John Gordon, R. T. Melrose, C. H. Angas, A. J. Murray, Sir George Murray, S. S. Ralli, T. Scarfe, Sir Ernest Shackleton, C.V.O., and the Right Hon. Sir Samuel Way, Bart.) gave £100 each towards the erection of the pavilion. Many members of the University and other friends also subscribed to the fund for general purposes.

A footbridge across the River Torrens, provided in 1937 by the Misses Lily and Eva Waite, gives direct access from the Union buildings to the recreation grounds.

The Sports Association also controls, with the Director of the Waite Agricultural Research Institute, a recreation reserve of fifteen acres at Waite Park, Glen Osmond. An oval, a hockey field and a baseball diamond have been established on this ground, and modern changing rooms erected.

The Australian Student Christian Movement in The University of Adelaide.

Founded 1890. Reorganised 1896.

The Student Christian Movement is a member body of the World Student Christian Federation.

The aims of the Movement are to confront students with Jesus Christ and His Gospel and to lead them to commit themselves to Him and His way of life; and further, to help them to grow in His likeness and in the understanding of the Christian faith, as well as to unite them in the fellowship of the Church and in the devotion of their whole lives to the service of the Kingdom of God.

The movement welcomes into its Fellowship of worship, study and service, all students, teachers and others who seek God and the truth by which to live.

The Movement arranges periodical conferences, addresses and discussion groups on matters pertaining to the Christian faith as well as social functions and regular morning devotions.

The Australian Student Christian Movement holds an Annual National Summer Conference, which is attended by students from all the Australian Universities and Teachers' Colleges.

Adelaide University Anglican Society.

The objects of the Society are to promote fellowship amongst Anglican students in the University and to provide opportunities for corporate worship, study and discussion; and to co-operate with the Student Christian Movement. The Society endeavours to provide pastoral care for Anglican students and corporate worship

is the basis of its life. Morning and Evening Prayer are said daily, the office of Sext at lunch-time each Monday, and the Holy Eucharist is celebrated every Friday morning.

Lunch-time and evening meetings are held for the discussion of religious and allied topics, and prominent visiting and local speakers are obtained to give addresses on these occasions. Tutorials on the Bible and the Church's faith are held throughout the year; also a week-end conference in first term and a quiet day in third term.

The Society's programme includes a Freshers' welcome, an Annual Ball, picnics and other opportunities for members to meet together socially.

All Anglican graduates and undergraduates are invited to share in the Society's activities and to set forward their Church's work and witness in the University.

Adelaide University Aquinas Society.

The aims of the Society are twofold:

- (1) to care for the spiritual and social needs of Roman Catholic graduates and undergraduates;
- (2) to present the Roman Catholic viewpoint within the University on moral, philosophical, and social problems.

Mass is offered each Wednesday and Friday evening in the Chapel at 5.15 p.m. and the Rosary is said in the Society's room each day at lunch time and 5 p.m. An Inaugural Mass is celebrated during orientation week, a retreat is conducted towards the end of the second term, and during the year the members assemble for the Annual Communion and on University Sunday and Monastery Sunday for religious exercises.

In addition the Society provides for other occasions when Roman Catholic graduates and undergraduates may gather together and enjoy themselves socially. Such occasions are the summer camp at Victor Harbour to which Freshers are especially invited, the Freshers' Welcome, annual ball, informal dances and hikes.

To further the second aim of the Society, discussion groups of undergraduates come together each week to learn the teachings of their Faith and its meaning in relation to themselves, their fellow students and the community in which they live. Furthermore, the Society sponsors prominent speakers to address the University at lunch-hour meetings on religious and social problems. General meetings of the Society are held occasionally through the year. There are separate committees for graduates and undergraduates.

All Roman Catholic undergraduates entering upon courses and those already attending the University are invited to take an active part in all these functions.

The Adelaide University Evangelical Union.

The Evangelical Union is a branch of the Inter-Varsity Fellowship, a world-wide association of students formed in 1919 as a development of the Inter-Collegiate Christian Union founded in Cambridge in 1877. Its objects are to uphold the Christian faith, to provide Christian fellowship, and to present the Christian gospel to Univer-

sity students. Members have a personal knowledge and faith in Jesus Christ as Saviour, Lord and God; and claim this knowledge and faith to be the only sure anchorage of life and thought in an uncertain world. They believe His Gospel to be clearly set out in the Bible, and turn to the Scripture for guidance in all matters of Christian faith and conduct.

Weekly Bible study circles, lunch-hour addresses, and daily prayer meetings are held throughout the academic year. The Union also arranges Missionary Teas during term and end-of-term house parties.

The Annual Conference of the Inter-Varsity Fellowship in Australia is held in one of the State capitals in January. All students are welcome at any of these activities. Further inquiries can be made at the Evangelical Union Room in the George Murray Building or from the President or the Secretary.

Lutheran Student Fellowship.

The objects of the Lutheran Student Fellowship are to gather together Lutheran graduates and undergraduates of the University, to foster in them an interest in, and a responsibility towards, their Church, and to give them an opportunity to discuss in the light of the Lutheran Faith, the problems common to University students.

Throughout the academic year, regular morning devotions, weekly study circles, fortnightly evening meetings, student services, and occasional week-end conferences are held.

A special meeting for the welcome of Lutheran students entering University courses, is held in the first week of every academic year.

Adelaide University Regiment.

The Regiment is an Infantry Battalion of the Australian Military Forces, and is allied with the Royal Ulster Rifles of the British Army.

The training programme is the same as that of other Citizen Military Forces infantry units, but is so arranged that there is a minimum of interference with University studies and activities.

All undergraduates, non-graduating students and students of the South Australian Institute of Technology and of the Adelaide Teachers' College are eligible to enlist in the Regiment.

Training during the year consists of at least seven days' home training (two week-end bivouacs, two one-day parades and two night parades) plus fourteen days of camp training which is held every January. In addition, voluntary training is held most Wednesday nights, and during vacations many courses are conducted. Members of the Regiment are also able to attend interstate Army Schools in Victoria, New South Wales and Queensland.

The Commanding Officer is Lieutenant-Colonel J. A. Pollock, M.C., and the Adjutant Captain B. Wade.

Adelaide University Squadron.

The Adelaide University Squadron was formed in 1951 and is a Citizen Air Force Unit within the Royal Australian Air Force. The object of the Squadron is to provide the Air Force with a reserve of specialist officers who are University graduates.

Students are enlisted into the Squadron, normally in their second year at the University, with the rank of Cadet Officer. During their period of service Cadets must successfully carry out 56 days' training, which is spread over two years. If training is successfully completed Cadets graduate from the Squadron with the provisional rank of Pilot Officer, which rank is confirmed when the student is admitted to his degree or diploma in the University of Adelaide.

Training normally consists of 14 days' home training and 14 days' continuous training a year. Continuous training is usually carried out at a Permanent Air Force Base in one of the Eastern States. Home training parades are held on Tuesday evenings during the three academic terms and other parades are arranged as required to give Cadets ample opportunity to fulfil their attendance requirements without adversely affecting their University studies.

While undergoing training a Cadet is provided with an appropriate uniform and receives remuneration at existing service rates of pay.

The Squadron is organised into five specialist flights: medical, equipment and accounting, administrative, technical, and radio. Students from all faculties in the University are welcomed and usually a student is able to enlist in the flight of his choice.

On graduation, members are placed on the General Reserve for five years and may be eligible for appointment in the Permanent Air Force, or other Citizen Air Force Squadrons.

All enquiries regarding enlistment should be addressed to the Commanding Officer, Adelaide University Squadron, R.A.A.F., North Adelaide. The present Commanding Officer is Squadron Leader A. H. Clark.

Adelaide University Arts Association.

The Arts Association is the co-ordinating body for the activities of the various organisations within the Faculty of Arts. The Association aims to promote the welfare and cultural interests of Arts students and others, by sponsoring combined evenings in which the affiliated clubs participate, by inviting distinguished speakers to the University and by organising the Arts Dinner.

Full membership is open to all Arts students; other students are eligible for associate membership.

The Annual General Meeting is held in the third term.

Dental Students' Society of the University of Adelaide.

This Society was founded by students in 1919.

Objects of the Society:—

- (a) to establish and maintain the students' interest in their own profession, with a view to securing their future success as practitioners;

- (b) to promote and conserve the rights of *bona-fide* dental students;
- (c) to preserve the principles of dental ethics;
- (d) to develop, by interchange of ideas, habits of close observation and investigation;
- (e) to cultivate the pleasure derived from personal contact with fellow-students.

General meetings of the Society are held once a month.

Undergraduates of the University studying for the B.D.S. degree are eligible for membership.

Adelaide University Law Students' Society.

The objects of the Society are:—

- (a) to discuss or debate or otherwise deal with any topic of interest to law students;
- (b) to conserve or advance the interests of law students in matters touching their University life or professional career;
- (c) to advance the interests of law students in sport.

The persons eligible to become members of the Society are:—

- (a) any male undergraduate in law or student at law at the University of Adelaide;
- (b) any male person who has been admitted to the degree of Bachelor of Laws or has obtained the Final Certificate in Law at the University of Adelaide;
- (c) any male practitioner of the Supreme Court of South Australia.

The annual general meeting is held shortly after the beginning of lectures; all new law students and intending members are cordially invited to be present.

Ordinary meetings are held on a number of occasions, and precede debates on hypothetical cases argued formally as in courts of law. The debates are set by members of the profession, who preside at the debates and discuss the questions of law involved.

The Adelaide Medical Students' Society.

This Society was founded in 1889. Its chief objects are to further the interests of medical work among students and to promote social intercourse among its members. Six general meetings are held a year, from March to September inclusive, at which papers written by students and graduates are read and discussed, and five clinical meetings at which medical and surgical cases are presented. Various periodicals of interest are taken by the Society, which also publishes its own "Review."

The medical students' ball and dinner are held annually under the auspices of the Society, which also arranges certain sporting fixtures.

All students of medicine of the Adelaide University are eligible for membership, the annual subscription being ten shillings. The officers are elected at the first meeting of the year.

Adelaide University Pharmaceutical Students' Association.

This Association was founded in November, 1923.

Objects:—

- (1) to promote good-fellowship amongst its members;
- (2) to foster interest in pharmaceutical science;
- (3) to provide for lectures, papers, demonstrations, and discussions in any branch of pharmaceutical science.

Membership is open to all students of pharmacy taking lectures or examinations at the University. Meetings are held monthly.

Officers are elected at the first meeting of the year.

Adelaide University Science Association.

The Association was formed in 1891 for the purposes of bringing into closer contact students and others connected with the University who are interested in the various branches of Science, and promoting *esprit de corps* within the faculty and a wider interest in Science by means of periodical meetings.

Activities held throughout the academic year include talks, both in the lunch hour and evening, the annual dinner, the science ball, special orientation activities, excursions and other social functions.

Membership is open to graduate, undergraduate, and non-graduating students in the Faculty of Science, and all such students are invited to attend meetings and to join the Association.

Adelaide University Agricultural Science Association.

Graduates and undergraduates in the Faculty of Agricultural Science are entitled to full membership in this Association; Associate membership, entailing half fees and all privileges of full membership except the proposing of and voting on motions, is open to all other undergraduates of the University.

The objects of the Association are to encourage a broad interest in agriculture amongst the members, and to foster *esprit de corps* within the faculty.

Adelaide University Engineering Society.

The society was formed by Engineering students in 1919, and officially recognised by the University in 1920.

The main objects of the society are:

- (a) To promote the welfare and further the interests of the members of the faculty;
- (b) To establish a means of communication between the members of the society and the faculty;
- (c) To further the social life and intellectual culture of the members.

Membership of the society is open to all students in the faculties of Engineering, Technology and Architecture.

The Engineering Students' Ball and Dinner are held annually under the auspices of the society, which also promotes other cultural and social functions during the year.

Social Studies Students' Association

The aim of the Association is to encourage and foster interest in Social Studies as a profession and friendship between the students of Social Studies in the University.

The Association holds meetings and week-end conferences with guest speakers on topics of special interest to intending social workers, the students being encouraged to mix socially and to exchange ideas.

Adelaide University Architectural Society.

The objects of the society are to afford a recognised means of communication between the students of the University School of Architecture, the Architectural Association of the South Australian Institute of Technology and the South Australian Institute of Architects; to conserve and advance the interests of students in matters touching their University life or professional career; and to promote interest in sport and social events.

Anthropological Society of South Australia.

The Society was formed in June, 1926. Its object is the study of Anthropology with special reference to (1) knowledge of the aborigines of Australia and (2) their preservation.

The Society consists of ordinary members, honorary life members, life members and honorary corresponding members. All those interested in Anthropology are eligible; new members must be nominated by two members and are elected by ballot.

Meetings are held monthly, except in December and January, at the University.

President: Mr. N. B. Tindale, The South Australian Museum.

Hon. Secretary: Mr. J. A. Cran, Dental School, The University of Adelaide.

The Classical Association of South Australia.

President: Professor J. A. FitzHerbert.

Hon. Secretary: J. H. Church, M.A., The Adelaide Teachers' College.

The objects of the Association are:—

- (a) to impress upon public opinion the claim of Classical studies to an eminent place in the national scheme of education;
- (b) to improve the practice of Classical teaching by free discussion of its scope and methods;
- (c) to encourage investigation and to call attention to new discoveries;
- (d) to create opportunities for friendly intercourse and co-operation among all lovers of Classical learning in this country.

All graduates of any recognised University, and all who are interested in Classical studies, are eligible for membership.

Adelaide University Linguistic Society.

The Society was founded in 1959 as the Adelaide Linguistic Society and was affiliated with the University in 1961.

The object of the Society is the study of language from a descriptive rather than a prescriptive point of view. Languages are dis-

cussed either individually or comparatively, over as wide a field as practicable. During the University term, the Society holds monthly meetings, at which there is an address, followed by discussion among members.

The Committee consists of a President, a Secretary and two members, one of whom should be a student. Membership is open to all language enthusiasts, without a subscription fee; and any enquiries should be addressed to the Secretary.

President: Mr. D. A. Hester, M.A. (Cambridge).

Honorary Secretary: Mr. R. W. Garson, B.A. (Sydney and Cambridge), The University of Adelaide.

The Economic Society of Australia and New Zealand (South Australian Branch).

The Society was founded as a result of a resolution of Section G of the Australasian Association for the Advancement of Science at its Adelaide meeting in 1924. The South Australian Branch was founded at the University on 21st August, 1925.

Its chief object is the advancement of economic knowledge by

- (a) the publication of research work;
- (b) the discussion of economic problems.

The Central Council of the Society publishes a journal three times a year called *The Economic Record*.

The Society holds about six meetings a year, at which lectures are given, papers are read, or discussions on current economic topics are held. Questions are invited at the conclusion of all lectures, and discussion is encouraged on every occasion. The annual meeting is held in April.

The annual subscription is £3 for ordinary members and £2 for student members. Members receive a copy of each number of *The Economic Record*; members may also receive a copy of *The Australian Quarterly* or *The Economic Journal* on payment of an additional fee of 12s. for *The Australian Quarterly* and £1 6s. 6d. for *The Economic Journal*.

President: R. B. Lewis, B.A., B.Sc.

Honorary Secretary: K. J. Hancock, B.A. (Melb.), Ph.D. (London), The University.

Honorary Treasurer: A. D. Barton, B.Com. (Melb.), The University.

The Medical Sciences Club of South Australia.

This society was founded in 1920 for the purpose of enabling those interested in the sciences fundamental to medicine to meet together from time to time for the purpose of discussing brief communications by members. Abstracts of the communications presented to the Club are duplicated and circulated to members and are forwarded by the Secretary to *The Medical Journal of Australia* for publication therein.

The Australian Journal of Experimental Biology and Medical Science was founded by the Club in 1924, but since its endowment in 1926 by Sir Joseph Verco, responsibility for the Journal has been accepted by the University.

Meetings are held at 8 p.m. on the first Friday of every month, March to December inclusive, except those which fall on a public holiday.

The members of the executive committee, consisting of the President, Vice-President, Secretary and Treasurer, and five Councillors, are elected by nomination and ballot at the first meeting of each year. The amount of the annual subscription is 10s. Members receive *The Australian Journal of Experimental Biology and Medical Science* if they desire it, on payment of an additional fee of £1 10s. The subscription to the Journal for non-members is £3 per annum.

New members must be proposed by two members in writing to the Secretary, and such nominations are announced by the Secretary at the next general meeting. The names of new members thus nominated are submitted by the Secretary, together with the notifications of the next succeeding meeting, at which the nominations are confirmed or rejected by ballot, a three-fourths majority of members voting being required to elect.

President: B. S. Hetzel, M.D., F.R.A.C.P.

Vice-President: Professor R. K. Morton, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A.

Hon. Secretary: W. E. R. Hackett, M.A., M.D., M.C.P.A.

Hon. Treasurer: G. N. Wilkinson, B.Sc.

The Australian Journal of Experimental Biology and Medical Science.

This Journal was founded in 1924 by the Medical Sciences Club for the purpose of publishing the results of original work in sciences ancillary to medicine. The pioneering work in connection with the establishment of the Journal was done mainly by the late Professor T. Brailsford Robertson, who was also its first editor.

The Journal was financed originally by a grant from the University and from the revenue of the Club, but as the scope of the Journal extended, further finance became desirable. In 1926 Sir Joseph Verco made a gift to the University ". . . to be applied to or towards the encouragement of research in the medical sciences and the promotion of education therein within the University by maintaining or supporting the publication of *The Australian Journal of Experimental Biology and Medical Science* or such other journal established or to be established for the same or similar purposes or for the publication of research work in the said sciences in such other manner as the Council may determine. . . ." The University then assumed responsibility for the Journal, the Medical Sciences Club maintaining a general interest in it.

The members of the Board of Management are all resident in Adelaide, and the Board is assisted in the selection of papers and in matters of policy by a panel of interstate workers in the field of Medical Science.

Contributions are received from research centres throughout Australia. The papers embody results of original research of an experi-

mental nature in biochemistry, genetics, immunology, medicine and surgery, microbiology, pathology, parasitology, pharmacology, and physiology.

The Journal is issued every two months and the subscription is £3 a year.

Editor-in-Chief: Professor Sir Mark L. Mitchell; Co-Editors, Professor G. M. Badger and Dr. D. I. B. Kerr.

PUBLIC EXAMINATIONS IN THEORY AND PRACTICE OF MUSIC REGULATIONS

1. Public Examinations in the theory and practice of Music shall be held in the city of Adelaide and at such local centres and other places as the Council may determine; these examinations shall be held at such times as the Council may direct.

2. Candidates shall be admitted to the examinations without restrictions as to age or sex.

3. The Faculty of Music, or some other body to be duly constituted shall, with the approval of the Council in each instance, make all necessary arrangements for the holding of the examinations, appoint examiners and determine their tenure of office and the duties to be performed by them, determine the scale of remuneration to be paid to the examiners, the fees and charges to be paid by candidates for the examinations, and settle other details incidental to the holding of the examinations.

4. Schedules defining as far as may be necessary the range of the examinations shall be published not later than the 31st day of January, in each year.

Allowed 8th August, 1906.

LICENTIATE IN MUSIC FOR TEACHERS AND EXECUTANTS

NOTE.—The Syllabus for these Examinations is published in a separate pamphlet for free distribution. Copies may be obtained on application to the Registrar.

PUBLIC EXAMINATIONS (MUSIC) SCHOLARSHIPS AND PRIZES REGULATIONS

SCHOLARSHIPS.

1. Two scholarships, tenable for three years, one in the theory and the other in the practice of music, shall be offered annually at the examinations of the Australian Music Examinations Board held in South Australia.

The scholarship in theory of music shall exempt the holder from payment during the tenure thereof of all fees for lectures and examinations in the course for the degree of Bachelor of Music.

The scholarship in practice of music, of the total value of £50, shall, subject to the conditions in these regulations, be paid in equal instalments at the beginning of each year of tenure. The scholar must devote the proceeds of the scholarship to his further education in the practice of music, and he may receive instruction from any teacher or in any institution approved by the Council. The first payment shall be made on the production of a certificate from a teacher of music or an institution previously approved by the Council, that the scholar has duly enrolled for instruction.

*2. Candidates who at either the May or September examinations obtain honours or credit in the Seventh Grade in theory, and have also passed an examination in practice of music of the standard of the Fifth Grade at least, shall be eligible to compete for the scholarship tenable in the course for the degree of Bachelor of Music, and candidates who obtain honours or credit in the Seventh or Sixth Grade in the practice of music, and have also passed an examination in theory of music of the standard of the Fourth Grade at least, shall be eligible to compete for that awarded for the practice of music. The scholarships shall be awarded to the candidates showing the greatest musical promise at a special examination to be held in November or December each year. Candidates who are eligible must enter for the special examination on the prescribed form on or before 1st November, and sign an undertaking that they will accept the scholarship and conform to the conditions prescribed if elected. The fee for the special examination shall be 10s. 6d.

3. No candidate shall be eligible to compete for either of these scholarships who holds, or has held, a scholarship or prize tenable for three years for the same subject at the Elder Conservatorium, or who has passed the first year of the course either for the Diploma in Music or for the degree of Bachelor of Music.

No person shall hold more than one of these scholarships at the same time, and a scholarship shall not be awarded a second time to the same candidate for the same subject.

4. The limits of age for candidates shall be as follows:

For Singing, Organ, and Violoncello	-	-	24 years
For Pianoforte and Violin	-	-	21 years
For Theory of Music	-	-	25 years

on the thirty-first day of December in the year in which the examination is held.

5. In the event of only one candidate being eligible to compete for either scholarship, the Council may, on the recommendation of the examiners, dispense with the special examination.

6. Every holder of a scholarship tenable for the degree of Bachelor of Music, shall, each year, present himself for the appropriate examination, and every holder of a scholarship tenable for the practice of

music shall, at the end of the first or second years of its tenure, present a satisfactory certificate of progress and regularity of attendance from his teacher. Furthermore, he shall, if required, give practical proof of such progress. Failure to pass any such examination or test, or to present such certificate, shall forthwith determine the tenure of the scholarship, unless the Council shall otherwise decide.

7. A scholarship may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

* Allowed 16th December, 1948, and amended 14th December, 1950.

PRIZES

8. Each year a sum of not more than £55 will be awarded in prizes in the various grades of theory and practice of music, of musical perception, and of the art of speech, to candidates adjudged by the examiners as showing outstanding ability and promise. The recommendations shall be set out in a report by the examiners to the Music Examinations Board, which will make recommendations to the Council of the University.

9. The awards shall be distributed over as many grades as may be considered advisable with the object of encouraging promising pupils at all stages of the A.M.E.B. scheme.

*10. No candidate shall be considered in these awards whose age is not given on the examination entry form. Unless in exceptional circumstances, prizes shall not be awarded in pianoforte or violin in the First, Second, Third, Fourth and Fifth Grades to candidates who have attained the ages of 10, 12, 13, 14 and 15 years respectively on the thirty-first day of December in the year of the examination. No candidate shall be awarded a prize more than once in the same grade.

11. If at any time it is deemed by the Board to be necessary a special examination will be held to decide an award.

LICENTIATE PRIZE

12. A prize of fifteen guineas shall be awarded each year to the best South Australian candidate who passes as an executant in the Licentiate Examination (Music); provided that if the examiners report that no candidate is of outstanding merit the prize shall lapse for that year.

13. The prize shall not be awarded to the same person more than once.

• Allowed December, 1948

Regulations 1, 3, 4, 5, 6 and 7 allowed 30th November, 1933. Regulations 8, 9, 11, 12 and 13 allowed 11th December, 1941.

Awards

SCHOLARSHIPS—

For previous awards, see Calendars from 1910.

- 1955 Terry, Athalie May (Practice)
- 1956 Tobin, Ashleigh Hambridge (Practice)
- 1957 Perriam, Judith Faye (Practice)
- 1958 Madge, Geoffrey Douglas (Theory)
- 1959 No award
- 1960 Hunwick, Christine M. (Practice)

LICENTIATE PRIZE—

For previous awards, see Calendars from 1942.

- 1955 No award
- 1956 No award
- 1957 Gunning, Shelley Anne Stannus
- 1958 No award
- 1959 Schodde, Peter
- 1960 No award

PRIZES—

For previous awards, see Calendars from 1945.

Awards in 1958:

(a) *Pianoforte.*

- Seventh Grade: Johnson, Julie
- Sixth Grade: Madge, Geoffrey Douglas
Roberts, Patricia
Lakin, Angela Mary
- Fifth Grade: Crisp, Heather Ann
Ligeti, Judy
Kennedy, Kathleen
- Fourth Grade: Kostyszyn, Lesia
Koch, Christine Joan
Gallasch, Wendy Anne

(b) *Violin.*

- Seventh Grade: Taylor, Diana Fay
- Sixth Grade: Johnson, Julie Fay
- Fourth Grade: Smith, Ivan John
Schwab, Charles Burden

(c) *Speech and Drama.*

Awards in 1959:

(a) *Pianoforte.*

- Seventh Grade: Cmrlec, Margaret
Mander, Patricia J.
Shaw, Barbara
- Sixth Grade: Ellis, Maureen E.
Gamlen, Verona F.
- Fifth Grade: Colebatch, Desirée F.
Ferguson, Judith A.
Henderson, Margaret
White, Rosemary

Fourth Grade: Crabbe, Stephen G.
Glennon, Joan M.
Roberts, Helen C.

(b) *Violin*:

Sixth Grade: Brixius, Rotraud A.
McDonald, Rosamund D.

Awards in 1960:

(a) *Pianoforte*.

Seventh Grade: Hunwick, Christine M.
Sheedy, Pauline
White, Meredith

Sixth Grade: Masiulis, Nenura A.
Preiss, Sunieva
White, Rosemary

Fifth Grade: Larter, Maureen
Oster, Carol J.
Owen, Diana

Fourth Grade: Owens, Ian S.
Smith, Carolyn

(b) *Violin*.

Fifth Grade: Inkster, Michelle D.
Larsens, Mairita

Fourth Grade: Pitcher, Alison
Seager, Janet R.

The Eva Lines Memorial Prize.**RULES.**

Whereas the late Eva Lines has bequeathed to the University the sum of £500 for the purpose of founding a pianoforte scholarship (or prize) to be called "The Eva Lines Memorial Scholarship (or Prize) for Pianoforte," it is hereby provided that:

1. A prize to be called The Eva Lines Memorial Prize shall be awarded annually on the results of the Fifth and Sixth Grade September-October examinations in Pianoforte conducted in South Australia by the Australian Music Examinations Board.

2. To be eligible for the Prize, a candidate shall be under the age of seventeen years on the 31st day of December in the year in which the examination is held.

3. The Prize shall be awarded to the candidate who, being eligible, is considered by the examiners most worthy to receive the award.

4. The value of the Prize shall be £15, or such other sum as the Council may from time to time determine.

5. The Prize shall not be awarded to any person more than once.

6. These rules may be varied from time to time by the Council, but the title and the purpose of the foundation shall not be changed.

Awards.

For previous awards, see Calendars from 1959.

1957	No award	1959	Lakin, Angela M.
1958	Roberts, Patricia	1960	Preiss, Sunieva

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ANNUAL REPORT FOR THE YEAR 1960

To His Excellency Sir Edric Montague Bastyan, K.B.E., C.B.,
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 1960:

INTRODUCTION

The year 1960 saw the publication, towards its close, of the first report of the Australian Universities Commission. The report recommends standards of maintenance and development in the University for the three years 1961, 1962 and 1963. Not all that the University sought, either in capital expenditure or in annual grants, was approved by the Commission, but one request that was approved is of far-reaching importance for the future of the University. That request was for a relatively small grant for the planning of, and preparatory work on, the establishment of a university institution on another site.

The extensions to the Library were finished early in the year and were occupied in March. They provided immediately for expansion of the Library and temporary accommodation for the Departments of Law, Philosophy and French. Progress was made on the first stages of a building for the Biological Sciences and another for the Faculties of Arts and Economics. Both were occupied in March, 1961.

The report of the Australian Universities Commission provides for the completion of the buildings for the Biological Sciences and for the Faculties of Arts, Economics and Law, additional accommodation for Physics, Physical and Inorganic Chemistry, Technology, and Architecture, completion of the Medical School, further refectory accommodation for the Union, and the first stage of a building for Physical Education.

The number of students has risen from 4,759 in 1957 to 6,700 in 1961 and is expected to rise by more than 600 a year in the future.

The Council established The Mawson Institute of Antarctic Research in honour of Sir Douglas Mawson. The beginnings of the Institute are small, as indeed were the beginnings of the Scott Institute for Polar Research in Cambridge. For the present the material resources of the Institute will be housed in the Barr Smith Library and the Mawson Laboratories; it is the hope and expectation of the University that time will bring a consolidated home for the Institute as its work grows and becomes known.

The academic work of the University inevitably grows from year to year, and during 1960 three new degrees were established: Master of Business Management, Master of Education and Bachelor of Applied Science. The first two are postgraduate degrees. The third requires a four-year course and recognises a kind of training that is appropriately provided neither in Technology nor in Engineering. A new Faculty is not however required. The work for the Ordinary degree will be administered by the Faculty of Technology; advanced work for the Honours degree and beyond by the Faculty of Engineering.

2. THE COUNCIL AND THE SENATE

In November Professor J. G. Cornell, Dr. F. R. Hone, Dr. Helen Mayo, Mr. K. H. Milne and Mr. W. M. C. Symonds retired from the Council by effluxion of time. Two additional vacancies were caused by the resignation of Emeritus Professor L. G. H. Huxley and the death of Mr. C. E. S. Gordon. Dr. Helen Mayo did not seek re-election, and the Senate elected Professor J. G. Cornell, Mr. J. A. Dunning, Dr. F. R. Hone, Mr. K. H. Milne, Mr. W. M. C. Symonds, Professor J. R. Trevaskis and Mrs. A. W. Wall to fill the seven vacancies. It also elected Dr. R. G. Willoughby its Warden and re-elected Mr. V. A. Edgeloe its Clerk.

It is a source of special pleasure to the University that Her Majesty the Queen, in her Birthday Honours, conferred the honour of Knight Commander of the Order of the British Empire upon Mr. K. A. Wills, a member of the Council since 1945, and Chairman of the Finance Committee since 1953. Sir Kenneth was appointed a member of the Australian Universities Commission in 1959, and has found his work for the Commission to be such that he felt obliged to relinquish the Chairmanship of the Finance Committee at the end of the year. Mr. R. A. Simpson succeeds him as Chairman.

Professor Huxley was appointed Vice-Chancellor of the Australian National University; Dr. Grenfell Price was appointed Chairman of the National Library Board; and the Reverend W. F. Hambly was appointed a member of the Libraries Board of South Australia.

Dr. Helen Mayo retired from the Council after 47 years' membership. The Council gratefully acknowledges the great contributions that Dr. Mayo has made to the development not only of University work and life, but also to medical education and medical services in the State.

3. OBITUARY

The Council records with deep regret the deaths during the year of Sir Charles Abbott, Lady Barr Smith, Brigadier A. S. Blackburn, V.C., Sir Lavington Bonython, the Reverend Canon H. P. Finnis, Mr. C. E. S. Gordon, Dr. G. O. Lawrence and Mr. D. C. Swan.

Mr. Gordon had been a member of the Council since 1950 and Chairman of the Committee which formulated the new Matriculation Statute adopted in 1957; Dr. Lawrence a part-time teacher in Dental Science since 1930; and Mr. Swan a member of the staff of the Waite Institute since 1931 and at the time of his death Head of the Institute's Department of Entomology.

4. RETIREMENTS

Dr. P. S. Hossfeld, Senior Lecturer in Geology, retired at the end of the year after 10 years' service. Dr. H. T. J. Edwards, a part-time teacher and lecturer in the Dental School for 40 years, Mr. L. A. Whittington, a part-time lecturer in the Faculty of Law for 23 years, and Mr. J. L. Eustace, a part-time lecturer in the Dental School for 32 years, also relinquished their teaching duties in the University.

5. THE FACULTY OF ARTS

New Chair: A Chair of German was established by the Council, and steps will be taken to fill it in 1961.

Resignations: Dr. D. H. Pike, Reader in History, on appointment to the Chair of History in the University of Tasmania; Dr. A. W.

Meadows, Reader in Psychology; Dr. D. N. Gibbs, Lecturer in Psychology; Mr. G. R. Cochrane, Lecturer in Geography.

Appointments: Mr. K. B. Magarey, Lecturer in English; Dr. B. W. Ellis, Lecturer in French; Dr. G. F. Rudé, Senior Lecturer in History; Dr. H. G. Kinloch, Mr. W. F. Mandle and Dr. T. G. Wilson, Lecturers in History; Dr. Z. P. Dienes, Reader in Psychology; Dr. L. Houssiadas, Lecturer in Psychology; Mr. T. L. C. Griffin and Dr. M. Williams, Lecturers in Geography; Mr. E. Roe and Mr. D. M. Toomey, Lecturers in Education.

Visitors: Professors Manning Clark and A. D. Hope of the School of General Studies, Australian National University, the Bishop of Adelaide (The Right Reverend Dr. T. T. Reed), Dr. J. J. Bray, Q.C., and Professor I. R. Maxwell of the University of Melbourne, to the Department of English; Professor Hugo Kuhn of the University of Munich, to the Department of German; Professor John Hope Franklin of Brooklyn College, New York, Mr. G. Blainey, an author from Melbourne, Mrs. Margaret Ballinger, of South Africa (the 1960 Dyason Lecturer), and Professor Asa Briggs of the University of Leeds (the 1960 Joseph Fisher Lecturer), to the Department of History; Professor D. A. T. Gasking of the University of Melbourne, to the Department of Philosophy; Professor N. L. Munn of Bowdoin College, U.S.A., and Dr. R. Rajalakshmi of the University of Baroda, India, to the Department of Psychology; Dr. Monica Cole of the University College of North Staffordshire, Dr. S. Duncan of the University of Manchester, Dr. H. Brookfield and Dr. G. Linge of the Australian National University, and Mr. J. Mulvaney of the University of Melbourne, to the Department of Geography; Professor W. R. Niblett, Dean of the Institute of Education in the University of London, to the Department of Education.

Study Leave: Professor H. Stretton, Professor of History (who was invited to accept a visiting appointment in Smith College, Massachusetts, U.S.A.); Mr. E. R. Corney, Senior Lecturer in Classics; Dr. K. W. Thomson, Senior Lecturer in Geography; Mr. G. P. H. Dutton, Lecturer in English (who as visiting lecturer in the University of Leeds inaugurated the first course in Australian Literature in the United Kingdom); Mrs. T. J. Marshall, Lecturer in Geography.

Staff Distinctions: Mr. G. P. H. Dutton, Lecturer in English, was selected for the Adolph Basser Award for the best contribution to the Australian quarterly, *Quadrant*; Dr. B. R. Elliott, Senior Lecturer in Australian Literature, was Commonwealth Literary Fund lecturer in Victoria; Mr. H. Sasse, Tutor in German, was awarded a Donaldson Studentship at Corpus Christi College, Cambridge; Dr. T. G. Wilson, Lecturer in History, was awarded the Gilbert Champion prize for his D.Phil. thesis in the University of Oxford; Professor G. H. Lawton was nominated by the Social Science Research Council as a representative on the Australian U.N.E.S.C.O. Committee for the Social Sciences.

Subjects of Research:

Classics—Empedocles frags. 17 and 26 (Diels-Krantz); Plato, *Phaedrus* 245A; Plato, *Protagoras*; the economic development of Athens, 600-431 B.C.; modern Czech verse.

Anthropology—Central Australian native songs, myths and ceremonies; social structure of the Central Australian tribes; Aranda linguistics.

English—Australian letter writers; the biography of E. J. Eyre; a study of Walt Whitman; Pope's satires; Narcissus Luttrell's private diary; a group of Victorian Victorians; new edition of Wyld's Universal Dictionary; the topography of *Sir Gawaine and the Green Knight*; biography of J. M. Kemble; Spenser's *Faerie Queene*; Keats's *Endymion*; development of aesthetic and critical theory in the nineteenth and early twentieth centuries; Pater's *Marius the Epicurean*; an edition of Jonson's *The Alchemist*; Henry Vaughan and the hermetic philosophy; Swift; Hazlitt's literary criticism; the English theatre before 1580; a critical study of *Patience* and its place in medieval literature; the minor poems of Sir William Davenant; the concept of "Nature" in *Piers Plowman*.

German—The history and language of the South Australian Germans; Eckermann's *Conversations with Goethe*; history of modern German literature; the concept of freedom in the work of J. G. Herder; the meaning of certain chivalric key-words in *Parzeval*; the social realism of Hans Fallada; Heine and Catholicism; the work of Robert Musil.

History and Political Science—Parliamentary financial procedures; the South Australian state election of 1959; the Price-Peake Government and the formation of political parties in South Australia; South Australian politics and the coming of federation; women politicians in South Australia; the Democratic Labor Party in South Australia; Sir Thomas Playford; the machinery for the protection of human rights in Europe.

History—Christianity and society in Australia; a history of racial problems in South Africa; eleventh century Canon Law; John Wilkes; a history of social work; Anglo-Scandinavian trade and finance in the eighteenth century; Chartist in Australia 1840-67; the British Liberal Party 1914-35; British National Government policy 1931-40; Anglican clergy in Connecticut 1701-85; American-Australian social relations; biography of C. S. Loch.

Philosophy—Philosophical logic; philosophy of mind.

Psychology—Conditioning and enuresis; the influence of comic book reading on the attitudes of children; conceptual thinking and personality; galvanic skin reflex and emotion; acculturation and illness study; a study of some aspects of belief; communication and status; sensory and cognitive deficits associated with agenesis of the corpus callosum; some social effects of television.

Geography—Survey of intensive agriculture in South Australia; physiography of Mount Lofty Ranges; assimilation of people of part-aboriginal descent; excavation of sites of early settlement on the River Murray; a geography of Eyre Peninsula; geomorphology of part of Fleurieu Peninsula.

Education—An examination of the influence of libraries on the education of secondary school children in South Australia.

Changes in Curriculum: New regulations were made for the Diploma in Education and the degree of Master of Education was established; new courses in History and in Politics were offered for the first time; an alternative course with emphasis on language for the Honours degree of B.A. in English was restored after being in abeyance for several years.

Departmental Activities: During a five months' research trip in Central Australia the Reader in Australian Linguistics collected further valuable records and research material; Mr. G. P. H. Dutton, Lecturer in English, published a biography of Colonel Light—*Founder of a City*; Mr. R. W. V. Elliott, Senior Lecturer in English, published *Runes; an introduction*, the first authoritative study of this subject that has appeared for fifty years.

6. THE FACULTY OF SCIENCE

Retirement: Dr. P. S. Hossfeld, Senior Lecturer in Geology.

Resignations: Dr. P. T. Gilham and Dr. K. T. Potts, Lecturers in Organic Chemistry; Dr. R. L. Specht, Senior Lecturer in Botany; Dr. A. R. Johnson, Senior Research Officer in charge of the Commonwealth anti-oxidant research project in the Department of Physiology.

Appointments: Dr. I. E. McCarthy, Lecturer in Mathematical Physics; Dr. G. S. Laurence, Lecturer in Physical and Inorganic Chemistry; Dr. B. Daily, Lecturer in Geology; Dr. C. R. Jenkin and Mr. E. R. J. Pavillard, Lecturers in Microbiology; Dr. P. Reeves, Research Fellow in Microbiology.

Study Leave: Dr. J. H. Michael, Senior Lecturer in Mathematics; Professor D. O. Jordan, Angas Professor of Physical and Inorganic Chemistry; Dr. B. O. West, Senior Lecturer in Physical and Inorganic Chemistry; Dr. J. W. Clark-Lewis, Reader in Organic Chemistry; Professor E. A. Rudd, Professor of Economic Geology; Dr. M. F. Glaessner, Reader in Geology and Palaeontology; Dr. J. P. Riches, Senior Lecturer in Botany; Dr. P. G. Martin, Senior Lecturer in Biology; Dr. S. J. Edmonds, Senior Lecturer in Zoology; Dr. P. E. Madge, Research Fellow in Animal Ecology; Mr. F. M. Collins, Lecturer in Microbiology; Dr. Marjorie J. Mayo, Senior Lecturer in Genetics.

Visitors: Professor Paul Erdős of the Hungarian Academy of Science and Dr. A. D. Smirnov of the Computing Centre of the Soviet Academy of Science, to the Department of Mathematics; Sir Lawrence Bragg, F.R.S., of the Royal Institution, London (the 1960 Einstein Memorial Lecturer) to the Department of Physics; Dr. A. Krominga of the University of Minnesota, Dr. S. Bashkin of the Iowa State College, Dr. L. Rosenfeld, F.R.S., Director of NORDITA, Copenhagen, Dr. R. Dalitz, F.R.S., of the University of Chicago, and Dr. E. E. Salpeter of Cornell University, to the Department of Mathematical Physics; Dr. L. M. Jackman of the Imperial College, London (a visiting lecturer for three months under the auspices of the Royal Society and Nuffield Foundation), Professor Sir Alexander Todd, F.R.S., of the University of Cambridge, Dr. J. W. Cornforth, F.R.S., of the National Institute for Medical Research, Dr. R. Schoental of the Medical Research Council, and Professor Marvin Carmack of the University of Indiana, to the Department of Organic Chemistry; Professor T. M. C. Taylor of the University of British Columbia, Professor R. Darnley Gibbs of McGill University, Professor R. D. Wood of the University of Rhode Island, and Associate Professor G. Oberlander of the San Francisco State College, to the Department of Botany; Mr. T. Ealey of Monash University, and Mr. J. Calaby of the C.S.I.R.O., to the Department of Zoology; Dr. C. H. Wyndham

of the Chamber of Mines, Johannesburg, Professor J. McMichael of the Postgraduate Medical School, London, Professor P. F. Scholander of the Scripps Institute of Oceanography, California, Professor G. M. Wilson of the University of Sheffield, and Professor F. G. Young of the University of Cambridge, to the Department of Human Physiology and Pharmacology.

Staff Distinctions: Professor E. S. Barnes was awarded the Lyle Medal of the Australian Academy of Science for research in mathematics, and was elected President of the Mathematical Association of South Australia; Professor R. B. Potts was awarded the Lanchester Prize of the Operations Research Society of America, and was elected to the Council of the Australian Mathematical Society and President of the Computer Society of South Australia; Dr. I. E. McCarthy accepted an invitation to speak at the International Conference on Nuclear Physics held at Kingston, Ontario; Professor D. O. Jordan was elected Vice-President of the Australian Institute of Nuclear Science and Engineering; Professor G. M. Badger was elected a Fellow of the Australian Academy of Science; Dr. J. W. Clark-Lewis was awarded the H. G. Smith Memorial Medal and Prize by the Royal Australian Chemical Institute; Dr. A. L. J. Beckwith was awarded the Rennie Medal by the Royal Australian Chemical Institute; Dr. H. B. S. Womersley was appointed to the Board of Governors of the Botanic Garden and was re-elected Chairman of the Herbarium Liaison Committee; Professor W. P. Rogers accepted an invitation from the World Health Organisation to take part in a symposium on the use of radioactive isotopes in the study of tropical diseases held at Bangkok; Dr. E. S. Holdsworth accepted an invitation to attend the fifth International Congress on Nutrition held in Washington.

Subjects of Research:

Mathematics—Iteration of complex functions; an algorithm for simultaneous approximation; dominated convergence; integrals over parametric surfaces; arithmetic of quadratic forms; traffic dynamics; numerical integration of differential equations; viscous flow.

Physics—Investigation of wind systems in the upper atmosphere; meteor astronomy; low energy electrons and ions in gases; rock magnetism; X-ray crystallography and molecular structure; solid state physics.

Mathematical Physics—The Ising model for ferromagnetism; the statistical mechanics of plasmas; the theory of transport phenomena in fluids; the supplementary condition in quantum electrodynamics; the theory of nuclear reactions; the nuclear many-body problem; relativistic wave mechanics; the theory of nucleon-nucleon interactions.

Physical and Inorganic Chemistry—Physical properties of nucleic acids and related macromolecules; preparation and study of isotactic polyelectrolytes; physico-chemical studies on proteins and enzymes; transport and thermo-dynamic properties of solutions; the wetting of solid metals by liquid sodium; coordination compounds with salicylidene-imines; exchange reactions of quadridentate complexes; electron transfer reactions between non-ionic species; reactions of CCl_3I ; the solvent properties of trifluoromethyl iodide; an examination of the

composition of Ziegler catalysts; interaction in solution; crystal chemistry of ABO_3 compounds with planar anions; structure transformations in solids; kinetics of structural changes in solids; diffraction studies of chemical reactions in solids; synthesis and properties of block copolymers; the kinetics of the addition of trifluoroiodomethane to ethylene; the kinetics of the oxidation of ammonia by nitrous oxide.

Organic Chemistry—Studies on the formation of cancer-producing hydrocarbons; the uses of metal catalysts in synthetic work; the isolation of alkaloids from native plants; the study of free radical reactions; studies on leucoanthocyanidin; the synthesis of heterocyclic compounds; studies on the hydrogen bond by infra-red spectroscopy; studies on optical rotation; studies on the synthesis of porphyrins.

Geology—Carbonate sedimentation; structural petrology of the Mount Lofty Ranges; the structural and petrological relations of Archaean rocks in the Mount Lofty Ranges; the comparative stratigraphy of the continental margins of Australia; the mineralogy of Moonta and Wallaroo ores; various petrological, mineralogical and geomorphological investigations.

Botany—A critical survey of the Phaeophyta; a revision of *Sargassum*, subgenera *Arthrophyucus* and *Eusargassum*; morphological and life history studies in the *Delesseriaceae*, *Ceramiaceae* and *Fucales* of Southern Australia; the brown alga *Notheia*; the marine algae of Macquarie Island; autecology of plants of the Ninety Mile Plain, plant ecology of the northern portion of the Mount Lofty Ranges; sclerophyll communities in relation to micro-environment; aspects of the ecology of arid South Australia; the ecology of saltbush and bluebush; the Koonamore Vegetation Reserve; the nitrogenous constituents and metabolism of plants supplied with ammonium and nitrate salts; sodium as a micronutrient; detection and localisation of growth substances.

Zoology—The biology of diapause in insects; the physiology of mitochondria; the physiology of parasites; studies in the vectors of myxomatosis; life cycles of trematoda; taxonomy of free-living and parasitic nematodes; the metabolism of I^{131} in lower chordates; reproductive physiology of marsupials; ecology of insect pests in orchards; water metabolism of insect eggs; studies on the biology of crayfish.

Biochemistry—Mode of action of vitamin D_3 and other steroids; the metabolism of *Ochromonas malhamensis*; sulphate metabolism; carbohydrate metabolism in *Tenebrio molitor*; protein biosynthesis.

Human Physiology and Pharmacology—Autonomic transmitter mechanism in man using clinical material and normal subjects; metabolic action of adrenaline on human skeletal muscle; respiratory action of 5-hydroxytryptamine in man; diameter changes in blood vessels in response to drugs and reflex activity; afferent interaction in somesthetic pathways; origin and course of afferent central tegmental fasciculus; somesthetic pathways in the *phalanger*; drug effects on muscle contraction; decremental conduction in nerve; metabolism of lipids by reticulo endothelial cells and significance in atherosclerosis using isotope technique; quick-acting harness for oxygen masks; pulmonary function tests; mass-spectrometry; "bends" in pearl-divers;

function correlation of cholinesterase inhibition by drugs; use of cholinesterase inhibitor in treatment of myasthenia gravis; mechanism of sympathetic transmission in the isolated heart.

Microbiology—The role of serum opsonins in defence against bacterial infection, purification and isolation of serum proteins with opsonic activity; lung macrophages and respiratory infections; purification and properties of colicin K; complete antigenic analysis of *salmonella gallinarum* in comparison with *salmonella enteritidis*; bacterial mucinase and its role in the pathogenesis of enteric infections; factors involved in the bactericidal action of sera from a range of animal species.

Genetics—Human chromosomal anomalies; serum protein variants in different races of man; "kuru" disease; skin colour variation in Melanesians; eye anomalies in the mouse; tristly in soursobs; incompatibility in *Petunia*; host-pathogen relationships; colour patterns in the plague locust; chromosomal polymorphism; tetrad analysis.

Gifts and Grants: A special grant from General Motors-Holden's, for a postgraduate scholarship in traffic dynamics, to the Department of Mathematics; grants from the Radio Research Board, the Rockefeller Foundation and Philips Electrical Industries, to the Department of Physics; grants from Monsanto Chemicals (Aust.) Pty. Ltd. to each of the Departments of Physical and Inorganic Chemistry and Organic Chemistry; grants from the Rockefeller Foundation, I.C.I.A.N.Z. Ltd., and Felt and Textile Ltd., to the Department of Organic Chemistry; grants and gifts of equipment from the C.S.I.R.O., the Rural Credits Fund, the Wool Research Fund, the Nuffield Foundation, the Science and Industry Endowment Fund, the Harbours Board of South Australia, S.A.F.C.O.L., Coca-Cola Ltd., the George Aitken Pastoral Research Trust, and a number of business organisations in Adelaide to the Department of Zoology; grants from the Life Insurance Medical Research Fund of Australia and New Zealand, the National Association for Prevention of Tuberculosis in Australia, and from Monsanto Chemicals (Aust.) Ltd., to the Department of Human Physiology and Pharmacology; a grant from the Wellcome Trust for a Research Fellow to work on bacterial chemistry, and other grants from the South Australian Brewery, the Nuffield Foundation and the United States Public Health Service, to the Department of Microbiology.

Changes in Curriculum: New and reorganised courses were offered in Mathematics, Physics and Mathematical Physics for the first time; substantial changes, to come into effect over the next four years, were approved for courses in Physiology, Pharmacology, Microbiology and Histology; a course for the Honours degree of B.Sc. in Pharmacology was established.

Departmental Activities: The Department of Organic Chemistry purchased a photoelectric spectropolarimeter for the study of optical rotatory dispersion; Professor Rudd and Dr. Glaessner attended the Annual Geological Congress held in Copenhagen; the Department of Human Physiology and Pharmacology established a radio-isotope laboratory.

7. THE FACULTY OF ENGINEERING

Appointments: Mr. M. Arnold, Senior Lecturer in Civil Engineering; Mr. G. S. West, Lecturer in Civil Engineering; Mr. B. H. Smith, Lecturer in Electrical Engineering.

Study Leave: Professor E. C. R. Spooner, Professor of Mining, Metallurgical and Chemical Engineering; Dr. S. Kaneff, Senior Lecturer in Electrical Engineering.

Subjects of Research:

Civil Engineering—Properties of concrete; steel framed structures; waves in water; foundation problems; welded tubular structures.

Mechanical Engineering—The dynamics of vibration control; noise control; marine propulsion; combustion; plasticity in metal forming and cutting.

Electrical Engineering—Advanced studies for a high speed flexible computer; aerial research.

Mining, Metallurgical and Chemical Engineering—The measurement of heat transfer from boiling liquids through thin films located on flat and vertical plates; the oxidation and reduction of lead compounds; the permeability of reactor graphite to gases at low and high pressure and high temperature; an investigation of the high temperature oxidation of iron in a carbon dioxide atmosphere.

Gifts and Grants: A copying lathe valued at £4,594 from McPhersons Pty. Ltd. to the Department of Mechanical Engineering; development contracts from the Postmaster General's Department and the Department of Supply to the Department of Electrical Engineering; the Australian Welding Institute Prize, the Fisk Prize of the Institution of Radio Engineers (Australia), and the Union Carbide Prize were established.

Changes in Curriculum: Further service courses designed to cater for the needs of students specialising in different branches of engineering were established.

Departmental Activities: Departments co-operated with, and gave assistance to, several government departments and private industry, but were unable to accede to all requests for such assistance; investigations carried out by the Department of Civil Engineering included problems associated with the raising of Mount Bold Dam, building of a tunnel under the Port River, design of outlet structures for the South West Drainage Board, and research on the improvement of spray irrigation; the department also assisted in the design of foundations and steel frames for a large city store.

8. THE FACULTY OF LAW

Appointments: Mr. C. Howard, Senior Lecturer in Law.

Staff Distinctions: Dr. D. P. O'Connell served for the first six months as Visiting Professor to the Institute of World Polity, Georgetown University, Washington; Professor N. R. Morris was the Australian delegate to a United Nations Seminar on Human Rights and the Criminal Law held in Tokyo.

Visitors: Mr. T. B. Hogan of the University of Nottingham, who was a visiting lecturer in the department during the first and second terms; Professor John Hope Franklin of Brooklyn College, New York.

Subjects of Research: Preparation of a textbook on international law and casebooks and commentaries on mercantile law and constitutional law; human rights and the criminal law; commercial arbitration; strict liability in criminal offences.

Changes in Curriculum: New courses in Family Law and Taxation Law and a re-organised course in Mercantile Law, were offered for the first time; the faculty now administers the courses in Commercial Law for the degree of Bachelor of Economics.

Departmental Activities: The first issue of the Adelaide Law Review, edited by students in the second, third and fourth years, was published; the moot court system was substantially extended, weekly moots being held under the direction of Mr. C. J. Legoe.

9. THE FACULTY OF MEDICINE

New Chair: The Council of the South Australian Association for Mental Health, Incorporated, having guaranteed sufficient funds to maintain a Department of Mental Health for five years, the University Council established a Chair of Mental Health.

Appointments: Dr. J. H. Van Deth, formerly Professor of Anatomy in the University of Utrecht, Senior Lecturer in Anatomy; Mr. L. R. Matz, Lecturer in Pathology; Mr. R. J. Burns, Temporary Lecturer in Pathology; Dr. D. N. Phear, Senior Lecturer in Medicine; Mr. L. J. Opit, Senior Lecturer in Surgery; Mr. G. M. Kneebone, Temporary Lecturer in Child Health; Mr. R. L. Hodge, Assistant to the Professor of Medicine.

Resignations: Mr. A. R. Anderson, Lecturer in Anatomy; Dr. R. K. Pak-Poy, Lecturer in Pathology; Mr. I. J. Forbes, full-time Assistant to the Professor of Medicine.

Staff Distinction: Professor Abbie was Woodward Lecturer in Yale University in May.

Visitors: Professor G. M. Wilson of the University of Sheffield, who was the first Visiting Professor to the Medical School; Professor Bryan McFarland of the University of Liverpool; Professor J. C. Goligher of the University of Leeds; Dr. C. W. M. Whitty of the Radcliffe Infirmary, Oxford; Professor Howard C. Taylor of the University of Columbia; Professor S. Leon Israel of the University of Pennsylvania; Professor H. M. Carey of the University of Auckland.

Subjects of Research:

Anatomy—Work on congenital abnormalities, clinical and experimental; physical anthropology of Australian aborigines—anthropometry, growth, pigmentation, haematology, blood chemistry, blood pressures, and cranial features; the cutaneous glands in marsupials; the neuromuscular system in marsupials.

Medicine—Thyroid function; the chromosome situation in leukaemia; metabolism of iron and red cell survival.

Surgery—Clinical studies in peripheral vascular disease; thyroid response to surgery; the investigation of the pancreatic control of gastric secretions (animal work); the bacteriology of cholecystitis; the effect of stress on resting gastric secretion in man; mitochondrial chemistry as affected by extracellular agents; oxalic acid metabolism in man; loss of water and salt by patients in a hot climate; the metabolism of skin; experimental conditions giving rise to phlegmasia cerulea dolens.

Obstetrics and Gynaecology—Dental hygiene and nutrition in pregnancy; foetal anoxia; vaginal cytology; excretion of sex hormones during pregnancy; foetal electrocardiography; uterine myography.

Child Health—Coronary blood flow and myocardial metabolism; fat and nitrogen balance; evaluation of new synthetic penicillins; some clinical aspects of congenital heart disease.

Departmental Activities: Following a substantial bequest to the University for medical research by Mr. and Mrs. S. McGregor Reid, the Council named the Chair in Child Health the McGregor Reid Chair; in conjunction with the Postgraduate Committee in Medicine, a week's course in obstetrics for general practitioners was arranged at the Queen Elizabeth Hospital by the Department of Obstetrics and Gynaecology.

Changes in Curriculum: The course in child health was reorganised; provision was made for graduates working in departments of the Faculty to proceed to the degree of Ph.D.

Gifts and Grants: Grants from the Nestles Corporation, the Pfizer Corporation and the Ciba Company and the gift of an incubator by Parke Davis Incorporated to the Department of Child Health.

10. THE FACULTY OF ECONOMICS

Appointments: Mr. H. R. Hudson, Senior Lecturer in Economics; Dr. J. L. Dillon, Senior Lecturer in Agricultural Economics; Mr. K. G. Jones, Lecturer in Accounting.

Study Leave: Mr. E. A. Russell, Reader in Economics; Mr. J. W. Bennett, Lecturer in Commerce.

Visitors: Dean S. Paul Garner of the University of Alabama; Professor T. H. Silcock formerly of the University of Malaya; Dr. I. Pearce of the Australian National University; Professor Åsa Briggs of the University of Leeds (the 1960 Joseph Fisher Lecturer); Professor B. H. Beckhart of Columbia University; Professor Margaret Beckhart of Vassar College.

Staff Distinctions: Mr. J. W. Bennett was awarded a Sloan Teaching Internship at the Massachusetts Institute of Technology; Professor R. L. Mathews delivered the Australian Society of Accountants' Annual Lecture.

Gifts and Grants: Two major research projects were financed by the Reserve Bank of Australia.

Subjects of Research: Theory of the multi-product firm; unemployment in the United Kingdom 1924-39; theory of fluctuations and economic growth; seasonal fluctuation in banking business of Australian banks; savings banking in Australia; Australian capital market; regional differentials in the basic wage; structure of Australian industry; pricing policies and earning rates of United Kingdom companies 1949-53; inflation in Australia since World War II; Australian woollen textiles industry; trade credit in Australia; transport in Australia; relevance of the competitive laissez-faire model to the Australian economy; wages policy; protection of the Australian dairying industry; accounting for economists; evaluation of investment decisions; internal profit measurement and control; measurement of income from ordinary shares; accounting techniques in the United Kingdom before 1900.

Summer School: The fifth Summer School of Business Administration was held in February, the subject being "Banking and Business". The School was opened by the Minister of Education (The Hon. Baden Pattinson, M.P.) and papers were given by Dr. H. C. Coombs (Governor of the Reserve Bank of Australia), Mr. R. F. Holder and Mr. R. R. Hirst.

Departmental Activities: In conjunction with the Department of Adult Education, a seminar on economics for bank executives was conducted in the second term. In August a three-day seminar on "Theory of Economic Growth" was organized by the Department of Economics. The visitors included Professor T. W. Swan, Professor H. W. Arndt, Dr. Ivor Pearce, and Dr. R. Heiser of the Australian National University; Professor W. Prest, Professor D. Cochrane, Dr. T. Pitchford, Dr. M. W. Corden and Mr. K. Frearson of the University of Melbourne; and Dr. W. Hogan of Newcastle University College.

Changes in Curriculum: The degree of Master of Business Management was established; the course in Cost Accounting was abolished; responsibility for the administration of the courses in Commercial Law was transferred to the Faculty of Law.

11. THE FACULTY OF AGRICULTURAL SCIENCE AND THE WAITE AGRICULTURAL RESEARCH INSTITUTE

Appointments: Dr. A. M. Posner and Dr. I. R. Falconer, Lecturers in the Department of Agricultural Chemistry; Dr. D. B. H. Sparrow, Mr. E. D. Carter and Mr. J. A. Carpenter, Lecturers in the Department of Agronomy; Dr. O. Vaartaja and Mr. R. I. B. Francki, Lecturers in the Department of Plant Pathology; Dr. P. H. B. Talbot (Plant Pathology) and Mr. K. W. Shepherd (Agronomy) under grants from outside sources.

Resignations: Dr. D. H. Simmonds, Senior Lecturer in Protein Chemistry; Mr. L. D. Crawford, Research Fellow in Entomology.

Study Leave: Dr. J. Melville, Director of the Waite Institute; Mr. D. C. Swan, Reader in Entomology; Dr. L. H. May, Reader in Plant Physiology; Dr. J. P. Quirk, Reader in Soil Science; Dr. R. J. Millington, Senior Lecturer in Agronomy; Mr. K. P. Barley, Senior Lecturer in Agronomy; Dr. M. R. Atkinson, Lecturer in Agricultural Chemistry; Mr. W. Allden, Lecturer in Agronomy; Mr. M. V. Carter, Lecturer in Plant Pathology.

Staff Distinctions: Professor C. M. Donald was invited to present a paper at a symposium sponsored by the Society for Experimental Biology at the University of Southampton.

Visitors: Professor C. V. Ramakrishnan of the University of Baroda, India, for nine months; Professor P. C. Koller and Dr. P. Alexander of the Chester Beatty Research Institute, London; Professor G. Halls-worth of the Universities of Nottingham and Western Australia; Dr. G. W. Butler of the D.S.I.R., New Zealand; Dr. V. Massey of the University of Sheffield; Professor A. Kjaer of the Royal Veterinary and Agricultural College, Copenhagen; Sir Alexander Todd, F.R.S., and Professor F. G. Young of the University of Cambridge; Sir Lawrence Bragg, F.R.S., of the Royal Institution, London (the 1960 Einstein Memorial Lecturer); Dr. W. A. Williams of the University of

California, for nine months; Dr. M. F. Day of the Division of Entomology, C.S.I.R.O.; Dr. L. L. Stubbs of the Department of Agriculture, Victoria.

Subjects of Research:

Agricultural Chemistry—Protein chemistry; the chemistry of cell growth and development; plant biochemistry; physico-chemical studies of clays and soils; soil chemistry; virus chemistry; and analytical chemistry.

Agronomy—Sheep nutrition on dry summer pastures; pasture management; pasture nutrition, particularly in the south-east of South Australia; competitive relations within pasture swards; species and strain studies with pasture grasses and grain legumes; soil, physical and chemical factors affecting plant establishment and growth; nitrogen balance of cereal crops; yield and quality studies in cereals; genetic, cytological and breeding studies with peas, cereals and perennial grasses.

Entomology—Aphid physiology and behaviour; digestion in Hemiptera; histology and chemistry of the insect integument; ecology of forest insects; resistance of codling moth and mites to insecticides; studies on Oriental fruit moth; relation between pollination and seed-set in lucerne; pathology of insect starvation; studies on plant mites and grape *phylloxera*; taxonomy of scale insects.

Plant Pathology—Additions and revisions of the fungi of Australia; root and stem diseases caused by *Rhizoctonia solani*; the influence of excretions of plant roots on attack by pathogenic fungi and the determination of the active substances in the excretions; factors influencing the dispersal and survival of airborne fungi; survival and build up of *Mycosphaerella* and *Ascoshyta* on peas; seasonal activity of soil borne fungi; ecology and pathogenicity of *Verticillium* affecting stone fruits; forest tree diseases; fungal morphogenesis; virus diseases of stone fruits and vines; virus multiplication in plants; distribution and ecology of plant parasitic nematodes and the infection of peaches by *Meloidogyne*.

Plant Physiology—Carbohydrate metabolism of cereal endosperm; the mechanism of starch granule synthesis; effect of drought on growth and development of barley; nutritional requirements of potatoes; physiology of flower initiation in apples; tillering control in barley; role of inhibitors in the control of dormancy and growth of soursob (*Oxalis pes-caprae*); hormonal control of grape berry formation and development; effects of gibberellic acid on the nitrogen fractions of barley endosperm.

Gifts and Grants:

To Agricultural Chemistry—substantial gifts of yeast by the Effront Yeast Company, Melbourne.

To Agronomy—an anonymous gift for animal husbandry research; grants for specific purposes from the Commonwealth Wheat Research Fund, the Barley Improvement Fund, the Wool Research Fund.

To Plant Physiology—gifts of gibberellic acid by I.C.I.A.N.Z., Ltd.; grants for specific purposes from the Barley Improvement Fund, the Wheat Industry Research Council, the Australian Atomic Energy Commission, the stone-fruit industries.

Departmental Activities: The construction of a central animal house for the University was begun; a new glasshouse was constructed and micro-malting equipment was purchased from Barley Improvement Funds; controlled environment cabinets for plant research were completed; the establishment of vineyard and orchard areas was begun; an ultra-microtome was obtained.

Change in Curriculum: A new subject, Agricultural Microbiology, was offered for the first time.

12. THE FACULTY OF MUSIC AND THE ELDER CONSERVATORIUM OF MUSIC

Appointments: Mr. C. T. Leske, Teacher of Pianoforte; Mrs. Nora Whitehead, part-time Teacher of Violin and Viola; Mr. J. D. Bishop, part-time Teacher of Violoncello; Mr. K. Murphy, part-time Teacher of Clarinet; Dr. W. Gallusser, Librarian.

Resignation: Mr. C. Martin, part-time Teacher of Clarinet.

Staff Distinction: Professor Bishop was Chairman of the Committee which organised a U.N.E.S.C.O. Seminar for Composers in Adelaide.

Visitors: The La Societa Corelli of Italy and the Claremont String Quartet of America who were engaged for two meetings of the University Music Society; Mr. Alex Sverjensky of the N.S.W. Conservatorium of Music; many composers and teachers of composition in connection with the U.N.E.S.C.O. Seminar for Composers, of which Professor George Loughlin of Melbourne was Director.

Concerts: During the year a number of student solo recitals was held; the winter series of Sunday afternoon concerts was again well patronised; the University Music Society held its meetings during the year in the Elder Hall, and the Elder String Quartet, led by Mr. Jasek, gave a number of performances for the Society; two operas, Gounod's "Faust" and Mozart's "The Marriage of Figaro", were produced in the Union Hall under the direction of Mr. Arnold Matters; members of staff figured prominently in the Adelaide Festival of Arts; four concerts of music by Australian composers were given in association with the U.N.E.S.C.O. Seminar for Composers; throughout the year the staff of the Conservatorium co-operated with the Department of Adult Education in presenting concerts and lectures in country centres; a Festival of School Choirs was held during the second term.

Gifts and Grants: Gifts for the Library were received from various sources and publishing houses; Miss Gladys Lloyd Thomas gave her Breton Violin and Mr. Alfred Hill his Guarnerius Violin for use at the Conservatorium; Mrs. Leander McCormick-Goodhart provided for an annual Scholarship in Singing to be called "The Kloeden-McCormick-Goodhart Scholarship"; the Elder Conservatorium Old Scholars' Association disbanded, abolished its prize, and asked the University to carry on the administration of the Florence Cooke Prize for Violin.

13. FACULTY OF ARCHITECTURE AND TOWN PLANNING

Appointments: Mr. G. Herbert, Reader in Architecture; Mr. T. Schiott, Lecturer in Architecture.

Gifts and Grants: The administration of the South Australian Institute of Architects Prizes was taken over by the University; the title of "The Asbestolite Proprietary Limited Award in Architecture" was changed to the "James Hardie Prize in Architecture".

14. THE FACULTY OF DENTISTRY

Retirements: Dr. H. T. J. Edwards, Part-time Lecturer in the Dental School for 40 years; Mr. J. L. Eustace, Part-time Lecturer and Tutor for 32 years.

Study Leave: Mr. J. A. Cran, Reader in Dental Pathology.

Visitors: Professor H. G. Radden, Dean of the Faculty of Dentistry and Professor of Dental Surgery in the University of Manchester; Professor M. Massler of the Department of Dentistry in the University of Illinois; Professor Lester Cahn of the University of Columbia.

Subjects of Research: Field studies on dental conditions of Central Australian aborigines; survey of dentist-population ratios and dental services; nature and occurrence of secondary dentine in deciduous teeth; studies in child dental health; preventive dentistry; the relationship between antenatal health and dental state and dental health of the infants.

Changes in Curriculum: The regulations for the degrees of Bachelor of Dental Surgery and Master of Dental Surgery were substantially revised, and a course for the Honours degree of B.D.S. established.

Departmental Activities: Work on extensions to the Dental School, which was begun in 1958, continued; and it is expected that part of these extensions will be occupied in 1961.

15. DEPARTMENT OF SOCIAL STUDIES

Appointment: Mrs. C. Ridgley, Lecturer in Social Studies.

Resignation: Miss F. C. Shaw, Lecturer in Social Studies.

Visitor: Miss Alice Overton, a Fulbright Scholar.

Subjects of Research: Assimilation of part-aborigines in Adelaide; analysis of youth-leader training methods in Adelaide; urban community development in Elizabeth and in Adelaide.

Departmental Activities: Regulations providing for full matriculation and an age limit of 18 years for admission to the course were operative for the first time.

16. DEPARTMENT OF PHYSIOTHERAPY

Appointment: Miss M. J. Hammond, Lecturer in Physiotherapy.

Staff Distinction: Miss Casely was invited to deliver a lecture at the Eighth Biennial Congress of the Australian Physiotherapy Association in Brisbane.

Departmental Activities: A course of postgraduate lectures was conducted for members of the Australian Physiotherapy Association (S.A. Branch); the first Medical-Physiotherapy Student Convention was held and was attended by fifty students.

17. DEPARTMENT OF PHYSICAL EDUCATION

Staff Distinction: Mr. Apps was Director of a Seminar of Student Health Services held in Adelaide.

Visitors: Professor H. Harrison Clarke of the University of Oregon; Mr. F. Jamieson, Director of Physical Education in a Californian High School.

Subject of Research: Recreation survey.

Departmental Activities: The Health Service conducted a Seminar for representatives of Student Health Services in Australia and New Zealand; the Australian Universities Commission approved plans for beginning a physical education centre.

18. FACULTY OF TECHNOLOGY

Curriculum: A new degree course in Applied Science was established.

19. PUBLIC LECTURES

The following Public Lectures were given in the University during 1960: "French Culture in the Education of the Western Citizen of the World", by Professor H. Roddier of the University of Lyons; "The American Negro in the Twentieth Century", by Professor John Hope Franklin of Brooklyn College, U.S.A.; "University Education for Business" (The Australian Society of Accountants Lecture), by Professor R. L. Mathews of the University of Adelaide; "South Africa: a Problem in Race Relations" (The Dyason Memorial Lecture), by Mrs. Margaret Ballinger, M.P., of South Africa; "Progress in Farm Mechanisation in Britain", by Mr. Herbert Fail of the University of Durham; "X-ray Analysis of Biological Materials", "Molecules of Living Matter" (The Einstein Memorial Lecture), and "The Royal Institution", by Sir Lawrence Bragg, O.B.E., F.R.S., of the Royal Institution, London; "Mass Entertainment: the Origins of a Modern Industry" (The Joseph Fisher Lecture), by Professor Asa Briggs of the University of Leeds; "Higher Education in the U.S.S.R.", by Dr. A. A. Varfolomeev of the U.S.S.R. Academy of Sciences.

20. STATUTES AND REGULATIONS

Amendments were made to the following Statutes: Chapter IX.—Of Matriculation; Chapter X.—Of the Faculties; Chapter XXV.—Miscellaneous; and Chapter LVII.—Of the Affiliation of the South Australian Institute of Technology, was repealed and a new Chapter substituted.

New Regulations governing the degrees of Master of Education, Bachelor of Dental Surgery, Master of Dental Surgery, Master of Business Management and Bachelor of Applied Science, the diploma in Education, and the Elder Conservatorium of Music were adopted; and amendments were made to the Regulations governing the degrees of Bachelor of Arts, Master of Arts, Doctor of Letters, Master of Economics, Master of Science, Doctor of Science, Master of Agricultural Science, Master of Engineering, Bachelor of Laws, Master of Laws, Doctor of Medicine, Master of Surgery, Doctor of Dental Science, Master of Architecture, Doctor of Philosophy and Bachelor of Technology, the diploma of Associate in Music, the diploma and certificate in Physical Education, the Public Examinations, and the Tennyson Medals.

21. UNIVERSITY RESEARCH GRANT

The grant supported about 25 research fellows and scholars and about 288 research projects during the year. A separate report on Research is published.

22. DEPARTMENT OF ADULT EDUCATION

A separate report on the work of the Department is published.

23. COMPUTING CENTRE

A computing centre, with Professor E. S. Barnes as Acting Director, was established and authority given to hire the necessary punch-card and computing machines in 1961. The computer selected is an IBM 1620, and the necessary staff will be recruited in 1961 and subsequent years.

24. POSTGRADUATE COMMITTEE IN MEDICINE

The following visitors were sponsored by the Committee during 1960:

Dr. C. W. M. Whitty, Lecturer in Neurology in the University of Oxford and Neurophysician to the United Oxford Hospitals; Dr. Hattie Alexander, Professor of Paediatrics in the University of Columbia, New York; Dr. K. B. Noad, Honorary Physician at the Royal Sydney Hospital (Edward Stirling Lecturer); Dr. T. Wilkinson, Clinical Pathologist, Royal Newcastle Hospital; Professor Bryan McFarland, Professor of Orthopaedic Surgery in the University of Liverpool (Official Overseas Lecturer of the Australian Postgraduate Federation in Medicine); Professor J. Dauphinee, Professor of Pathological Chemistry in the University of Toronto; Professor Leon S. Israel, Professor of Gynaecology and Obstetrics in the University of Pennsylvania; Professor H. M. Carey, Professor of Obstetrics and Gynaecology in the University of Auckland; Dr. Felix Arden, Honorary Physician, Brisbane Children's Hospital (Swift Memorial Lecturer); Professor Howard Taylor, Professor of Obstetrics and Gynaecology in the University of Columbia, New York; Professor A. Bradford-Hill, Professor of Medical Statistics in the University of London; Professor F. G. Young, Professor of Biochemistry in the University of Cambridge.

25. POSTGRADUATE COMMITTEE IN DENTISTRY

The following visitors were sponsored by the Committee during 1960: Professor M. Massler of the Department of Pedodontics and Preventive Dentistry, University of Illinois; and Professor Lester Cahn of the University of Columbia.

26. THE APPOINTMENTS BOARD

The work of the Appointments Board was continued during the year and increasing demands were made on the facilities offered. An interesting feature during the year was the increase in the number of firms that approached the Appointments Board in an effort to attract graduates to their respective organisations. Existing contacts with business, industry and Government Departments were maintained.

The service to firms in arranging meetings with students was continued. Twelve lunch-hour meetings, at many of which films were shown, were held; and individual interviews between students and prospective employers were arranged.

There was a marked increase in the demand for graduates in all faculties—a demand which it was quite impossible to satisfy. All graduates and graduates-elect who sought the help of the Appointments Board were in the happy position of having a selection of positions from which to choose.

Again, the task of placing students in vacation employment was one of the Board's main tasks. The task of finding work for the increasing number of students is becoming steadily more difficult and, with retrenchment in industry, the task in 1960 was more formidable than usual. Nevertheless, a total of 208 students obtained vacation work directly through the Appointments Board—183 technical and 25 non-technical.

27. THE BARR SMITH LIBRARY

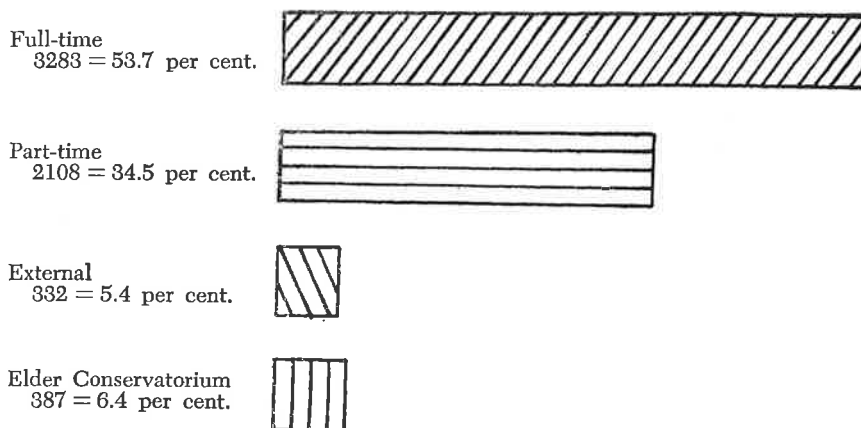
The Library Committee is grateful for the gifts of books and periodicals from the American Consulate, Adelaide, Australasian Association of Psychiatrists, Australian Physiotherapy Association, Professor T. D. Campbell, Dr. B. Catchpole, Mr. C. R. Churchward, Professor J. B. Cleland, Dr. F. A. Dibden, Dr. C. Duguid, Mr. G. P. H. Dutton, Mr. R. W. V. Elliott, Dr. D. P. Finnegan, French Embassy, Canberra, General Motors-Holden's Ltd., Embassy of Federal Republic of Germany, Canberra, Dr. P. Jay, Dr. M. Lohe, Dr. C. B. Martin, H. M. Martin and Son Ltd., Dr. E. A. Matison, Dr. H. Mayo, Medical Journal of Australia, Professor H. Messel, Mr. A. M. Ramsay, Mr. B. L. Reynolds, Professor H. N. Robson, Royal Institute of Public Administration (S.A. Regional Branch), Professor D. Nichol Smith, Dr. R. V. Southcott, Dr. A. R. Southwood, Consulate of Switzerland, Melbourne, Miss L. K. Symon, Mrs. I. M. Thomas, Professor A. D. Trendall, U.S.S.R. Commission on U.N.E.S.C.O. (through the Soviet Embassy, Canberra), Dr. D. Van Abbe and Dr. R. Weiss.

28. STATISTICS

(a) *Numbers of Students*: The total number of students was 6,110, the biggest enrolment in the history of the University and an increase of 396 on that for the previous year. Of the increase, 71 were additional enrolments in the Faculty of Arts, while those in the Faculty of Science rose by 132.

The tendency towards a greater proportion of full-time enrolments was continued in 1960 when these enrolments represented 53.7 per cent. of the total, or, excluding the Elder Conservatorium, 57.4 per cent. The percentage of persons attending the University full-time was the highest for many years, while Elder Conservatorium students constituted the smallest proportion of the total enrolment since the Conservatorium was opened in 1898. The number of external students was proportionately lower than it had been for at least fifteen years. The comparison of the student body is shown in the following diagram:

COMPOSITION OF STUDENT BODY, 1960



Distribution into Courses:

A. Candidates for Degrees.

	Bachelors' Degrees		Higher Degrees		Total		
	M.	F.	M.	F.	M.	F.	Total
Agricultural Science ..	85	4	13	—	98	4	102
Architecture	72	7	1	—	73	7	80
Arts	553	458	27	5	580	463	1,043
Dentistry	62	10	7	1	69	11	80
Economics	326	15	2	—	328	15	343
Engineering	425	1	28	—	453	1	454
Law	115	15	3	1	118	16	134
Medicine	453	97	13	1	466	98	564
Music	5	2	—	—	5	2	7
Science	667	160	38	9	705	169	874
Technology	482	—	—	—	482	—	482
Ph.D.	—	—	100	7	100	7	107
Total	3,245	769	232	24	3,477(a)	793(a)	4,270(a)

B. Candidates for Diplomas, and Students taking Miscellaneous Subjects:

	Diplomas or Certificates		Miscellaneous Subjects		Total		
	M.	F.	M.	F.	M.	F.	Total
Agricultural Science ..	—	—	—	—	—	—	—
Arts and Education ..	243	299	136	96	379	395	774
Dentistry	—	—	—	—	—	—	—
Economics	—	—	11	1	11	1	12
Education (Postgraduate diploma)	94(b)	37(b)	—	—	94(b)	37(b)	131(b)
Engineering	—	—	4	—	4	—	4
Law	12	—	3	1	15	1	16
Music	10	33	3	1	13	34	47
Music (Elder Conservatorium)	—	—	190	197	190	197	387
Optometry and Home Sc.	—	—	8	51	8	51	59
Pharmacy	149	47	—	—	149	47	196
Physical Education	23	38	—	—	23	38	61
Physiotherapy	3	58	—	—	3	58	61
Public Administration	44	1	—	—	44	1	45
Science	—	—	32	9	32	9	41
Social Studies	29	45	—	—	29	45	74
Technology	—	—	10	—	10	—	10
Total Non-Graduating students	607	558	397	356	1,004(a)	914(a)	1,918(a)

(a) A deduction of 49 males and 29 females should be made from the combined total of groups A and B to allow for students counted in more than one category.

(b) Excluding 302 males and 193 females taking another course as principal course.

Comparison with some previous years: The following figures of total enrolments in the various Faculties and courses indicate the changes that have occurred during the last twenty-one years (the numbers in brackets for 1948 refer to trainees under the Commonwealth Reconstruction Training Scheme).

	1939	1948 (Immediate Post-war Peak)	1959	1960
Agricultural Science	14	52(17)	101	102
Architecture	—	—	63	80
Arts	889	1,197(219)	1,703	1,776
Commerce	331	341(246)	—	—
Economics	71	106(73)	355	348
Dentistry	29	105(42)	67	80
Education (Postgraduate diploma)	84	113(22)	138	129
Engineering	297	765(213)	426	456
Law	72	122(68)	121	149
Medicine	180	515(144)	527	564
Music (Degree and Diploma) ..	29	59(15)	45	49
Music (Elder Conservatorium) ..	255	575(120)	414	387
Optometry and Home Science	7	14(6)	32	55
Pharmacy	82	139(30)	184	196
Physical Education	—	43(5)	63	55
Physiotherapy	18	47(14)	68	61
Public Administration	46	55(39)	45	45
Science	205	573(148)	777	909
Social Science and Social Studies	11	67(34)	52	70
Technology	—	—	449	492
Ph.D. Candidates	—	—	84	107
Totals	2,620	4,888(1,455)	5,714	6,110

Overseas students: There were 298 overseas students (including 48 women) at the University. They were distributed amongst the Faculties and Boards as follows: Engineering, 78; Science, 54; Medicine, 51; Technology, 21; Dentistry, 17; Architecture, 11; Arts, 11; Agricultural Science, 9; Economics, 7; Social Studies, 4; Law, Music and Pharmacy, each 3; Physical Education and Science (Forestry), each 1. Of the other 24 students, 19 were proceeding to the degrees of Ph.D. (6), M.E. (6), M.Sc. (3), M.Ag.Sc. (3), and M.A., and the remaining five were taking subjects for courses at the South Australian Institute of Technology.

One hundred and thirty-three of these students came from Malaya, 71 from Singapore, 32 from Indonesia, 20 from Hong Kong, 8 from Vietnam, 6 each from Sarawak and Thailand, 4 from the Philippines, 3 from North Borneo, 2 each from Fiji, India, New Zealand and Pakistan, and 1 each from Cambodia, Ceylon, Chile, Cyprus, Macao, the United Kingdom and the United States of America. Ninety-two of them (including 31 from Malaya and 23 from Indonesia) were sponsored under the Colombo Plan.

Assistance to students: The following table shows the various forms of assistance received by students (excluding Elder Conservatorium students and those proceeding to higher degrees):

	Males			Females			Total
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	
Ex-service Training Schemes*	8	4	—	—	—	—	12
Commonwealth Scholarship ..	603	50	1	190	24	1	869
Commonwealth Scholarship and Leaving Bursary ..	86	1	—	11	—	—	98
Commonwealth Scholarship and Leaving Honours Bursary ..	27	—	—	5	—	—	32
Commonwealth Scholarship and others ..	28	3	—	3	3	—	37
Leaving Bursary ..	37	1	—	5	—	—	43
Leaving Bursary and Teachers' College ..	21	2	—	16	7	—	46
Leaving Honours Bursary ..	1	—	—	2	—	—	3
Leaving Honours Bursary and Teachers' College ..	9	—	—	2	—	—	11
Teachers' College ..	402	108	—	331	191	—	1,032
Education Department (teachers)	4	223	235	1	117	72	652
Colombo Plan ..	68	8	—	5	1	—	82
S.A. Government Cadetship or Studentship ..	88	2	—	1	—	—	91
Commonwealth Government Cadetship or Studentship ..	112	6	—	—	—	—	118
Others ..	109	120	—	31	35	—	295
Total Assisted Students ..	1,603	528	236	603	378	73	3,421
Unassisted Students ..	730	906	16	240	156	7	2,055
Total Students ..	2,333	1,434	252	843	534	80	5,476

* Commonwealth Reconstruction, Disabled Members and Widows, and Korea Malaya Training Schemes.

Barr Smith Library: The total number of volumes in the Library at the end of 1960 was 241,269, accessions for the year being 11,632. The number of withdrawn volumes for the year was 654. Students and graduates borrowed for home-reading 60,453 books (including 1,643 reserved books borrowed overnight and at week-ends). The corresponding totals for 1958 and 1959 were 45,476 and 52,629 respectively. The number of external students in the Faculty of Arts who joined the Country Lending Section was 96 and they borrowed 635 volumes by post. The number of volumes lent to libraries in other States increased to 1,451. From these libraries the Barr Smith Library borrowed 364 volumes.

Waite Institute Library: The library added 585 volumes during 1960, making a total number of 14,560 at the end of the year.

Evening Lectures: Evening lectures were given in the following subjects: Bacteriology (Pharmacy), Biology, Chemistry I, Commercial Law A and B, Comparative Philology, Economics I and III, Economic Development I, Education, English I and III, French I, General Physics, Geography I, II and III, Geology I, German II, History IA, IIB and IIIA, Hygiene, Latin I, Management Accounting,

Modern Languages I and III, Philosophy I, Politics I, IIB and IIIA, Psychology I, IA, IIB and IIIA, Social Economics and Theoretical Inorganic Chemistry (Pharmacy).

Department of Adult Education: The Board of Adult Education conducted 43 tutorial classes and 19 lecture courses. Three classes were held in suburban areas and 59 at the University. Three post-cessional lecture classes were held at the University and the Director was assisted by 96 part-time tutors.

The ninth annual summer school for adults (7 days) was held at St. Ann's College and the second annual Summer School of Arts (Painting and Drama) was held at the same College. A new venture was a seven day Spring School at Wilpena Pound which attracted 130 students. Conferences, seminars and week-end schools were held in the following subjects: business administration, supplementary irrigation (for bankers), modern languages (teachers), traffic engineering, adult education, economics, astronomy, tree-growing, international affairs, music and drama.

Lectures were given at 23 country towns and centres during the year including a series of lectures on Australian Literature arranged in co-operation with the Commonwealth Literary Fund. A discussion course on "Scotland" was arranged in co-operation with the C.W.A. and 31 groups within the branches of the Association participated. A new venture was the organising of radio farm forum groups in co-operation with the A.B.C., 17 groups being organised as part of the programme. Music recitals were arranged in 12 centres during the year and a travelling art exhibition was sent to 7 towns. Sixteen week-end schools covering drama, music, astronomy, local history and tree-growing were arranged in country districts.

Aggregate enrolments were as follows: Classes arranged jointly with the Workers' Educational Association and University extension courses, 2,974; special schools and conferences, 1,225; discussion groups, 287.

Public Examinations: The following numbers of candidates entered for the Public Examinations: 1,209 at the Supplementary Leaving Examination in February; 9,967 at the Intermediate Examination in November; 6,434 at the Leaving Examination in November; 1,450 at the Leaving Honours Examination. The biggest relative increase was in the number taking the Leaving Honours Examination. In the past two years the number of candidates for this examination has increased by 65%, while in 1960 entries in Biology rose by 52% over those for the previous year. The growth in the number of candidates for the Public Examinations since 1954 is shown in the following table, from which some idea of the trend of new enrolments at the University in the next few years may be obtained:

CANDIDATES AT PUBLIC EXAMINATIONS, 1954-1960							
	1954	1955	1956	1957	1958	1959	1960
Intermediate	5,141	5,362	6,211	6,811	7,684	8,910	9,967
Leaving	2,782	2,872	3,250	3,990	4,852	5,740	6,434
Leaving Honours	426	531	597	664	880	1,159	1,450

The examinations were held in country towns and districts at 67 permanent and 44 temporary centres.

The public examinations in music of the Australian Music Examinations Board were held at intervals throughout the year. In South Australia there were 2,326 entries in theory and 4,323 in practice of music, 344 in musical perception, and 102 in speech and drama.

29. ADMISSION TO DEGREES

Degrees were conferred and diplomas were granted as follows:
At the Annual Commemoration Ceremony on April 6, 1960:

	Males	Females	Total
D.Litt. (<i>ad eundem gradum</i>) - - - - -	1	—	1
LL.B. Honours - - - - -	2	—	2
LL.B. - - - - -	7	4	11
M.A. - - - - -	2	—	2
M.A. (<i>ad eundem gradum</i>) - - - - -	2	—	2
B.A. Honours - - - - -	16	12	28
B.A. - - - - -	19	25	44
B.A. (<i>ad eundem gradum</i>) - - - - -	6	—	6
M.Ag.Sc. - - - - -	3	—	3
B.Ag.Sc. Honours - - - - -	6	—	6
B.Ag.Sc. - - - - -	13	1	14
M.E. - - - - -	4	—	4
B.E. Honours - - - - -	20	—	20
B.E. - - - - -	31	—	31
B.E. (<i>ad eundem gradum</i>) - - - - -	1	—	1
Ph.D. - - - - -	3	—	3
Ph.D. (<i>ad eundem gradum</i>) - - - - -	9	1	10
Diploma in Education - - - - -	21	10	31
Diploma in Arts and Education - - - - -	42	41	83
Diploma in Physical Education - - - - -	4	4	8
Diploma in Social Studies - - - - -	1	3	4
Diploma in Social Science - - - - -	—	1	1
Diploma in Physiotherapy - - - - -	3	19	22

At the Annual Commemoration Ceremony on April 13, 1960:

M.D. - - - - -	4	—	4
M.D. (<i>ad eundem gradum</i>) - - - - -	3	—	3
M.B., B.S. - - - - -	33	7	40
M.B., B.S. (<i>ad eundem gradum</i>) - - - - -	1	—	1
B.Med.Sci. Honours - - - - -	1	—	1
M.Ec. - - - - -	1	—	1
B.Ec. - - - - -	27	—	27
B.Ec. (<i>ad eundem gradum</i>) - - - - -	3	1	4
D.Sc. - - - - -	4	—	4
D.Sc. (<i>ad eundem gradum</i>) - - - - -	1	—	1
M.Sc. - - - - -	13	1	14
M.Sc. (<i>ad eundem gradum</i>) - - - - -	1	—	1
B.Sc. Honours - - - - -	29	4	33
B.Sc. - - - - -	76	22	98
B.Sc. (<i>ad eundem gradum</i>) - - - - -	2	—	2
Mus.Doc. (<i>ad eundem gradum</i>) - - - - -	1	—	1

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Mus.Bac. - - - - -	2	1	3
B.Tech. - - - - -	54	—	54
Ph.D. - - - - -	5	1	6
Ph.D. (<i>ad eundem gradum</i>) - - - - -	5	—	5
Diploma in Pharmacy - - - - -	22	3	25
Diploma in Public Administration - - - - -	3	—	3
Diploma in Music - - - - -	1	6	7

At the Meeting of the Council on Friday, May 27, 1960:

M.B., B.S. - - - - -	3	—	3
M.B., B.S. (<i>ad eundem gradum</i>) - - - - -	1	—	1
B.E. Honours - - - - -	1	—	1
B.E. - - - - -	4	—	4
B.Tech. - - - - -	3	—	3

At the Meeting of the Council on Friday, December 16, 1960:

M.B., B.S. - - - - -	3	2	5
B.E. - - - - -	1	—	1
B.D.S. - - - - -	1	—	1

Totals: 41 candidates were admitted to higher degrees by examination or thesis, 24 were admitted to such degrees *ad eundem gradum*; 430 bachelor degrees were conferred by examination and 15 by admission *ad eundem gradum*; and 184 diplomas and 3 Final Certificates in Law were awarded.

30. ACCOUNTS

An abstract, duly signed, of the income and expenditure during the year 1960 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 1960.

Signed on behalf of the Council,

Adelaide,

June, 1961.

Chancellor.

COMMEMORATION ADDRESSES, 1961

The Annual Commemoration ceremonies were held on April 8, 12 and 15, 1961.

In opening the proceedings on April 8, the Chairman of the Education Committee (Professor J. R. Trevaskis) said:

Mr. Deputy Chancellor, Mr. Vice-Chancellor, Members of the Council and Senate, Ladies and Gentlemen:

This year of 1961 marks the first in which it has been found necessary to hold three ceremonies of Commemoration in order that all who have qualified to receive degrees or diplomas of the University may be admitted in due form. It is also the first year in which Commemoration has been held on a Saturday morning. We are all entitled to reflect, therefore, that by our presence here on this occasion we make a contribution, however modest, to the developing history of our University.

The fact that it has been found necessary so to increase the ceremonies of Annual Commemoration calls attention to the striking growth in recent years of the University of Adelaide. It indicates not only that the generation of young men and women now come to maturity is larger than its predecessor, but also that there is an increasing awareness in the community at large that it is worth while to come to the University.

The growing interest in university education is by no means unique to South Australia. It is happening all over the world. The colleges of Oxford and Cambridge, for example, are able to accept only a small percentage of those who apply to them for admission and who are qualified to matriculate in those universities. It is odd to think that, before the Great War, some Cambridge colleges (and I daresay some at Oxford, too) were half-empty and anxious to attract members. Doubtless somewhat the same was then true of the University of Adelaide; and it was perhaps partly due to paucity of numbers that generous provision was made for students to be able to enrol as external or as part-time students and that concessions were granted to certain classes of student by which subjects could be counted towards both a degree and a professional qualification. In this way a growing institution could hope to make some impact on the life of the community.

Nowadays, of course, the position is entirely different. The university no longer needs to cry its wares. Everywhere there is a super-abundance of students to fill existing institutions; and everywhere there are problems of finance and staffing in order to deal with such numbers. The complexities of university policy and finance have indeed become so great that in the United Kingdom a University Grants Committee has for some years advised the Chancellor of the Exchequer on what funds were needed and how they might best be allocated, while here in Australia, as a result of the report of a commission headed by Sir Keith Murray, a Universities Commission, under the chairmanship of Sir Leslie Martin, has been set up to give similar advice to our Prime Minister.

Now, such development and growth in our Australian universities is to be welcomed. At the same time, however, this expansion brings in its train difficult problems which must be solved. It is very important that those persons in the community who understand what a university stands for should use their influence wisely to help ensure that the problems which the universities are now facing and will increasingly face in the next few years receive the best solutions possible. And what persons in the community at large may be considered to be better acquainted with the university than those who have won her degrees and diplomas, and those parents and relatives who have watched these students progress through the university and who are thereby acquainted at close quarters with what life at the university is like?

The danger which many of us foresee in this rapid increase in student numbers is that our universities may thereby receive a mortal wound: they may cease to be universities in any real sense. For nothing is more fatal to a university than that it should sink below its proper intellectual level. The main danger, as I see it, is that in order to provide enough teaching staff to deal with an unrestricted inflow of students it may be necessary to appoint staff of low calibre. For in a situation where the whole world is crying out for university teachers, it is not surprising if there is a shortage of staff of high quality.

One sometimes hears it said, "Australia needs more graduates". This is to mis-state the need. It is educated men and women of which Australia needs more. And this is not necessarily the same thing. I sometimes think that there would be much to be said for a system by which every student upon entry to the university were presented with his degree. Education could then begin, unencumbered by this distraction. It would be rather like our local system by which one first obtains one's driving licence and then learns to drive, a situation which occasions great mirth to outsiders, but which perhaps serves to underline the great truth that the possession of a certificate to do something or other is only the beginning of the road.

But, to return to my theme: the more university-educated members of the community there are, the better. But university education does not consist in packing as many people as possible into an institution and expecting it to remain a university. It is essential in order to maintain academic standards that only as many students should be admitted as can properly be taught. The day seems to be approaching when we should consider whether the quality of the education of our students is not being seriously impaired as a consequence of their rising numbers.

Not only is there the prospect of a rapid increase in student numbers, there are already too many students at the Australian universities who are unequal to university studies. Of this fact there is clear evidence: the high failure rate in university examinations, particularly in the first year. Or is it suggested that university standards here are absurdly high, and that the Australian student, unlike his counterpart elsewhere, is asked to do the impossible? I do not think this could be seriously suggested, and I do not think

that those members of staff who have experience of universities oversea as well as at home here (and they form a high percentage of our staff) would support it.

The situation really is that instead of selection being at the end of the period spent at school, effective selection here is, rather, at the end of the first year at the university. Now as a matter of fact there is much to be said in favour of such a mode of selection. The one infallible method of finding out whether a person is capable of university studies is to send him to a university and see. And were this a country of unlimited wealth and were there in it unlimited university teachers, one might well be content with it. But unhappily neither of these conditions is fulfilled, and we are left with an unsatisfactory situation which is likely to get much worse as numbers rise.

Now I should like to make clear at this point, to avoid misunderstanding, that I do not believe the inherent native quality of the students who offer themselves at our universities to be any lower (or higher) than elsewhere. Why should it be? Only the racist is prejudiced in favour of certain natural groups. But the student who offers himself to any university is the product of a background in which the number of years he has spent at the secondary stage of education is extremely important. How widely is it realised that whereas most of our entrants have spent only five years at a secondary school and some even have spent only four, most entrants to a university in the United Kingdom have spent seven or more years at the secondary level, two or more of them in the sixth form after the matriculation stage?

The minimum standard of entry, then, to our University seems at present to be too low. And, in addition to this, the Australian universities are facing an influx of students too great for their present teaching resources to contend with. What is to be the solution?

Of course many approaches to a solution are possible. One is to found new universities or university colleges attached to existing universities, so as to deal with the overflow of students when existing institutions are full. This is an approach that is indeed being followed in a number of places in Australia at present, and which no doubt we have no option but to follow.

New institutions, however, need new teaching staff, and this is where the difficulties which I have been talking about commence. Can these new teachers be found, or, rather, can staff of sufficient quality (both teaching and administrative) be found? Indeed, now that I have mentioned administrative staff, I think we should do well to recognise that the quality of our administrators, certainly of those who contribute to the formation of policy, is every bit as important as that of those who do the actual teaching. But, mercifully, fewer administrators are needed than teachers, so perhaps we can for the moment confine ourselves to the teachers. Can, then, sufficient suitable teaching staff be found to man the new institutions? I very much doubt it, when, according to the forecasts of the Australian Universities Commission, even at present standards more than twice the number of university teachers would be needed in 1966 than were actually engaged in teaching in our universities in 1959. We shall have to do much more, obviously, than merely issue advertise-

ments for posts. We shall have to make vigorous efforts to obtain suitable staff from oversea and to train up our own graduates so that we ourselves may make a greater contribution to the staffing of the universities. The vigorous efforts I have in mind to obtain staff from oversea consist in the provision of facilities here capable of attracting them, and notably in the maintenance of high academic standards.

A further possible approach to this problem of student numbers is to raise the minimum standard of entry—the matriculation level. I have already said that it seems evident that there are many students at our universities who are unsuited to university studies. Raising the matriculation level would help both existing and new institutions.

Then there is the further possible approach of limiting the entry of those who are in fact minimally qualified to enter, if the number of those with basic qualifications, that is to say, matriculation, is more than can be accommodated at a proper university standard.

That is as far as I wish to take the discussion today. This is not an occasion, perhaps, on which particular solutions to particular problems should be championed, but one, rather, on which it is proper to indicate some of the problems facing universities and some possible avenues of approach to their solution, in the belief that those who have successfully completed courses here, and their families and friends, are in a good position to appreciate these problems and to help ensure that they are discussed with knowledge in the community at large.

No-one is a greater supporter of academic freedom than I. No-one believes more firmly that the members of the academic staff are the proper persons to decide the policy of a university. But I am equally convinced that it is greatly to the advantage of the university that its affairs should be understood and knowledgeably discussed in the wider community. For ultimately, Mr. Deputy Chancellor, the universities of Australia will be as good as their civic communities permit them to be. The academic will to improvement is always there. What it needs in order to prevail is the encouragement and the enlightened support of the community which it aims to serve.

In opening the proceedings on April 12, the Vice-Chancellor (Mr. H. B. Basten) said:

Mr. Deputy Chancellor, Members of the Council and Senate, Ladies and Gentlemen:

May I begin by offering a welcome, in the name of the University, to all the congregation. Many whom I should ordinarily expect to address are in another place, themselves giving a welcome to the University's new Visitor. The University sends him its greetings and hopes that he and Lady Bastyan will frequently grace its ceremonies.

During 1960, the Council lost by death, retirement and resignation three of its members. Mr. Colin Ernest Sutherland Gordon died in August. He knew for many months that his death was near. The courage and moral strength that he exhibited, while death was

perceptibly approaching, were superb. To Mrs. Gordon we express our deep sympathy and our admiration of her husband. It is fitting to add that in her ordeal she herself showed high courage.

In October, Emeritus Professor Huxley resigned from membership of the Council on his appointment as Vice-Chancellor of the Australian National University. We congratulate him on his new office and are delighted that he is not to be lost to the academic life of Australia.

At the end of the year, Dr. Helen Mayo retired from the Council, on which she had served longer than anyone, except Sir William Mitchell, in the history of the University. She first became a member in 1914. From a lifetime of remarkable public service, I shall choose for mention those events of particular interest to the University. She was a founder of the Students' Union. She was a founder of St. Ann's College. She was a founder of the Health Service. She was a foundation member of the Union Council and of the Royal Australian College of Physicians. She will always enjoy the respect and affection of her colleagues in the University.

The Senate, in November, elected Dr. R. G. Willoughby to be its Warden and Mr. J. A. Dunning, Professor Trevaskis, and Dr. Winifred Wall to be members of the Council. All of them hold office for the first time. The University welcomes them and is confident that they will make notable and distinctive contributions to its life. Professor Cornell, Dr. Hone, Mr. Milne and Mr. Symonds were elected members of the Council for a further term of office.

The Council itself re-elected The Honourable Sir George Ligertwood as Deputy Chancellor. The event won the warm approval of the academic staff and gave great pleasure to many, both within and without the University. The election of Mr. R. A. Simpson as Chairman of the Finance Committee was confirmed by the Council. We are most grateful to him for accepting this onerous office, to which he brings mature experience. He succeeds Sir Kenneth Wills. Sir Kenneth first became a member of the Council in 1945. For some time he served the University as Deputy Chairman of the Finance Committee and became its Chairman in 1953. For all these years we were glad to lean heavily upon his guidance and his understanding of academic life in the direction of our financial affairs. He could not, of course, retain this office when he was appointed to be a member of the Australian Universities Commission. That appointment gave us, therefore, pleasure, mingled with regret that it lost to us a devoted and trusted Chairman of the Finance Committee. When it was learnt in June that he had been created a Knight Commander of the Order of the British Empire, the University was delighted. This is not the time to pay tribute to his work for the University; he remains and will, I hope, long remain a member of the Council. But we congratulate him warmly on his new honour.

It is in the nature of things that death should have removed from our ranks some who have given notable service to the University. Sir William Goodman, a member of the University Council for forty-one years and Chairman of the Finance Committee for seventeen died in February. Sir Charles Abbott, formerly Minister of Education, Attorney-General and a Judge of the Supreme Court,

died at the age of 70. He had been a member of the Council from 1938 to 1944, and had acted as Dean of the Faculty of Law in 1943 and 1944. Canon H. P. Finnis, for 20 years a member of the Faculty of Music died in December. A month later, Dr. Abele, Lecturer in Cytology, died at the age of 64. All these reached ripe years, but Mr. D. C. Swan, Reader and Head of the Department of Entomology died in his prime. He was held in great affection by his colleagues and his premature death brought, for them, an end to a long, happy and valued association. To Mrs. Swan and her family and to the families of all those who have died during the year, the University offers its condolences.

Changes have occurred in the membership of the academic staff. We congratulate Dr. D. H. Pike, formerly Reader in History, on his appointment to the Chair of History in the University of Tasmania. To him and to all others, who have retired or resigned we cordially wish happiness in their new situations; and to the many who have joined us we offer a very warm welcome.

The University was the grateful recipient of many gifts during the year. Large sums were given for specific purposes by the United States Department of Health, Education and Welfare, the American Petroleum Institute, the Rockefeller Foundation, the Commonwealth Reserve Bank and others. The late Mr. Reginald Walker bequeathed £35,000 to us. Many other personal gifts were received, including a collection of valuable nineteenth century books from Professor Nichol Smith. The University is most grateful to individuals and institutions alike for their munificence.

Before I discuss the principal events of the year, may I speak of some personal matters? Sir Howard Florey, who was the Rhodes Scholar in 1921, has been elected President of the Royal Society. Dr. R. N. Robertson, who was appointed Professor of Botany a year ago in succession to Professor Wood, has been elected a Fellow of the Royal Society. The University offers to both of them its cordial congratulations. It also congratulates Dr. Grenfell Price, who had the historical distinction of becoming the first Chairman of the National Library Committee. His new work is of national importance and it is very welcome that someone of his vigour and experience has been chosen to do it.

Our sister institution, the South Australian Institute of Technology, has a new Director, Dr. S. Islwyn Evans. We greet him and wish him every success in the large task ahead of him. To Mr. Parsons, the retiring Principal of the Institute, the University wishes happiness in retirement. It remembers with pleasure the many years during which he and we collaborated.

The first event of the year of which I wish to speak was the creation by the Council of the Mawson Institute of Antarctic Research. It will have a very modest beginning, but the University hopes it will grow by proving its worth to Australia as a centre of Antarctic research. If it does so, it will be a worthy memorial to Sir Douglas Mawson, the greatest, perhaps, of all Antarctic explorers. Its inauguration by the Prime Minister on Saturday, will be attended by a great array of fairy godmothers, and I hope no bad fairy will appear.

Since we met in Commemoration a year ago, the event that has given the University most concern is the enrolment of undergraduates this year. The number has risen again; this time, by about 9 per cent., a percentage similar to that of last year and a somewhat higher percentage than we predicted. It is becoming clear that a larger proportion of the people of an age to enter the University are seeking to do so. Whatever faculty they enter, staff and space must be found. There is not a single faculty which does not stand in need of more space and equipment, now and in the years to come. For most of them, more space and equipment are planned and the library, that need they all have in common, was extended a year ago. Buildings and equipment can be provided if money for them is provided. To obtain enough staff of proper quality is another matter. Yet, staff must, at all costs, be obtained if the students, in their growing number, are to be taught.

The first report of the Australian Universities Commission was published at the end of last year. In its final chapter the future of university education is discussed in general terms. The problem of the ever-increasing number of students is there recognised. Solutions of the problem are not proposed; but a welcome suggestion is made that the Commission will promote an enquiry into the future of universities in Australia. I doubt if the enquiry will be able to proceed far unless it includes an examination of the country's present and possible capacity for giving tertiary education in, for example, colleges and institutes of technology as well as in universities. I do not believe that the country will be able to meet the need for so much more tertiary education unless it musters all its resources and develops them logically in all their variety. It should not be imagined that the need for tertiary education exists only in the wishes of those who, in growing numbers, are seeking it. That they do so is a mark of national health and vigour; but our own experience and, I believe, that of all Australian universities reveals also an unsatisfied need of society for men and women educated in a wide variety of ways beyond the secondary level.

However the problem of providing tertiary education may be solved, the solution will remain theoretical unless financial provision is made and unless teaching staff can be found. The easier task is to provide money. To obtain staff is, as one would expect of a human problem, the harder. It will not be possible to rely, as greatly as we have done in the past, on men and women recruited from overseas to teach in our universities and other places of higher education. We are far from being alone in having a fast-rising need for them. In this, as in many other ways, Australia must become less dependent.

Men and women capable of teaching in institutions of higher education must come in greater numbers from our own universities. They can only come, in this country, from the universities. They come from the research, or graduate schools of the universities and most of our research schools are capable of expansion. It is, of course, a primary purpose of a university to add to knowledge, but this is not the only benefit which research schools confer on society. They are also the nursery of future teachers, for universities themselves and for other institutions of higher education. Moreover,

they are the nursery of scientists for agencies of governments, such as C.S.I.R.O., and for industry. Whatever shape, therefore, higher education may assume in Australia, we must develop the research schools of our universities and we must do it quickly. Failure to do it, would, I believe, spell the steady decline of our capacity for all kinds of advancement.

The ceremony on April 15 began with the admission of the Prime Minister, the Rt. Hon. R. G. Menzies, to the degree of Doctor of Laws. The Prime Minister then addressed the congregation as follows:

Mr. Chancellor and Ladies and Gentlemen:

You have just been reminded that this is not the first occasion on which I have received what I must properly describe as an unearned increment. Indeed I look back over some of those events with great pleasure, and with particular interest. Perhaps I might begin by telling you why it is so interesting to me, once more, to be in a position where I am receiving a singular compliment and to look back on some of these occasions that I have referred to.

I remember in 1941 when Winston Churchill was Chancellor, as perhaps he still is, of Bristol, and the Council thought fit to confer a degree, or degrees, upon Mr. John Winant, the then American Ambassador to Great Britain, and myself. A few hours before the ceremony Bristol was bombed, and the ceremony which was to have taken place in the Great Hall took place in the Senate Chamber, and the members of the Council and the Professorial Board arrived with their academic robes over battle dress. They were all smoke-stained, the hall was still blazing, and there were fires raging in the streets radiating out from the University. That was a most memorable, unforgettable occasion. Unforgettable, as I know, to Sir Winston Churchill himself. Certainly to me. And memorable in this respect: that in the middle of all the destruction—and the war was then in its very crisis—the University and the university spirit, and the university tradition went on. That to me has always been a tremendously significant thing. It was, in a sort of graphic fashion, a proof of the indestructibility of the things that we all hope to stand for.

Reference was made to Malta. How I ever came to be given a degree at the Royal University of Malta, I don't know. But I was. And it was a very long full day of driving around Malta, having the experience, previously and subsequently unknown to me, of being cheered by people in the streets. When I began this journey somebody thrust into my hands not an elegant piece of English, but a long oath in Latin, at least 100 to 150 words. Well, of course, that would appal anybody. I have a certain native supply of impudence, but 150 words of a Latin prayer, this seemed to me to be a little hard. When I arrived I whispered eagerly to the Vice-Chancellor—Vice-Chancellors being, as you know, the fount of all knowledge on these matters—"Old pronunciation, or new?" He gave me the most superb piece of advice I have ever had. He said, "It's all right; mumble it." And I did.

Then, Sir, you referred to the French Canadian university in Quebec, Laval. Well that was something that I remember pretty vividly because although you allow me to address you here in what passes for English I felt very strongly that at Laval portion of my speech ought to be in French. From my point of view, it was. I must say that was a most polite audience, for at the end they all nodded to each other with appreciation, and you could hear them saying, "Mmm, il essaie, il essaie". So there we are.

The other occasion that I want to mention is that at Oxford the year before last I had the misfortune, as it turned out, to be first in the list to go up for a degree at the hands of Lord Halifax. The public orator was there, ready to give us our citations in impeccable Latin—modern pronunciation. But when we reached the Divinity School and were being marshalled for the event, I was given a sheaf of paper which contained on one side Latin and on the other side the English, but of course I didn't have time to read it because I had to go off at once, you see. The others all sat down and read carefully, in English, so that they could thereafter pretend to have followed the Latin. I didn't have this opportunity; I had to stand up first and listen to it. And I want to say that it is a remarkable tribute to the truth that the older you get the more you remember of your early days, that I practically understood it all.

Now, Sir, may I just turn to this University, this remarkable place. It isn't the first time that I have spoken in this magnificent hall, but this magnificent hall characterises what I want to say about the University of Adelaide.

There was an itinerant book writer, some of you may remember, John Foster Fraser, who compiled that immortal phrase, "Adelaide for culture, Melbourne for business, Sydney for pleasure". Oddly enough there was something in it. Because when Sir Keith Murray was out here presiding over the Universities Committee of Enquiry, had finished taking his team around Australia, and had almost completed his report, I was having a long discussion with him about the problem. At that time he told me that in the true essence of what a university meant he thought that Adelaide was pre-eminent in Australia.

Now that interested me enormously, because he didn't mean that Adelaide had enormous buildings, surrounded by spacious grounds and gardens, vast sporting arenas and an area of land such as that which enriches the University of British Columbia. But I think I do know what he meant, and that was that this University almost uncomfortably placed, as one might occasionally think, right in the heart of the city, without the elbow room that one would like to see, has succeeded in attracting the interest, the help, the enthusiasm of the most eminent people in this city, and in this state. There is not that kind of remoteness about the University which one occasionally sees in Australia—"Well that's an academic place; nothing to do with us; let's go on with the business; let's get on with our profession; we've finished with all that". I don't observe that sort of thing in Adelaide because year after year I have seen men of the greatest distinction in the life of this city serving actively in the

University, maintaining what is needed for a university—an outlook by the university on the world, and an inlook by the world into the university.

You have only to see here my two old friends, the Chancellor and the Deputy Chancellor, to realise that in this city, in this state, men have not forgotten this place when they have gone out from it. But they have come back to it, and worked for it.

Now, Sir, you have been reminded that I have had some small part to play in the furnishing of funds for the universities. The State Governments have aided on the great scale, but my own Government has, progressively, entered into this field—and I think very properly so. I am sure when my sponsor, my learned sponsor, threw out that slight but delicate hint of favours to come—I'm sure that he was right. Because when Sir Keith Murray's Committee brought in a report, we having been in the habit, at that time, for a few years of spending about £1 million a year, or £1½ million a year by way of subvention to the universities, found ourselves with a recommendation that amounted to about £21 million over a period of three years. If it hadn't been for a certain amount of rather devious conduct on my part I don't know whether it would have been approved. I won't go into the devious methods, but anyhow Treasury approved—and that is a great milestone in the history, not only of the universities, but perhaps of the people.

Then we appointed a Commission under Sir Leslie Martin. And they brought in their report, not long ago. £21 million in a triennium, that shocked us. This time it was £40 million for the three years! What it will be in the third three years I wouldn't know. But I will be quite safe to consider that it will vastly exceed any figure that we now have in mind.

It is a great pity in Australia that universities should have become so remarkably dependent on governments, on the decisions of those in politics, on the particular outlook on universities—their status, their freedom, their future—which may be possessed by some current political mind. I would like to feel that in Australia, as in the United States of America, more and more will we find people who have wealth to dispose of looking to help the universities. Having so said, and before I conclude, I would like to offer a few perhaps platitudinous remarks about why I believe so deeply myself in the university structure. What does it stand for? What must it aim at?

It is a trite observation that it exists for more than the training of people for professions; although so be it that if it does its job it will train them not only in learning but in character and in wisdom.

The first thing that is needed—and this is going to be no easier as the years go on—is to preserve the highest standards in objective study and enquiry, the highest standards. This vast pressing undergraduate population which we can see coming along over the next 10 years, over the next 20, is going to put the most enormous strain on universities, not merely on their buildings, not merely on their breathing space, but on their capacity to teach, to lead, to guide, so that the standards rise all the time. I hope, Sir, that in the course of these processes, and particularly under the pressure of modern

events we will not neglect "useless learning", as it has been called, useless learning which has contributed so much to civilisation, to tolerance, which is the same thing, and furnishes the minds of men and women for hours and days of great importance to them and to others.

I am always prepared to make a plea for what is now called "useless learning". Not, of course, that we are to neglect the tremendous impact of science on the world and the clamant demand upon universities to produce people of science. These two things are not irreconcilable. The great danger would arise if we preferred one to the other so exclusively that we failed to strike that balance of the mind, and that balance of interest, that balance of contribution by a university, which the world so much needs.

Finally I would like to say this: to those who are the academic people of this audience it is a great pity that the word "academic" should have acquired a somewhat contemptuous connotation, "Oh, he has an academic mind; he lives an academic life; these academics, you know they are not strong, practical, sensible fellows like us". We have all heard this kind of thing said. The truth is that without those who devote their lives to academic work this would be a pretty sorry place. They perform an enormous service not only for the university but for the community. They incur two dangers. If I state them I will leave it there.

One is of becoming so completely absorbed in their own discipline, in those fascinating matters of the mind which we have all experienced who have been students, these matters which command the whole of a man's intellectual enthusiasm and interest, that they may be tempted to be rather contemptuous of ordinary men and women outside. That would create a gulf of a dreadful kind.

The second risk is that in order to avoid developing what I will call a somewhat academic contempt for unacademic people there may be a disposition to go to the other extreme and be too much influenced by the opinion of people outside, too much afraid of what the politicians may do, of what the public may think. Never, never fall into the error of thinking badly of the public mind, because the public mind in this country is a good mind, and the public character is a good character. Never fall into the error of looking down on it. But in the name of academic freedom and study never be afraid of it, never be afraid of what the opinion may be outside.

Here is this happy balance, I hope, that will continue a great tradition in a great University. Because I believe that, I would like to say Mr. Chancellor that I am profoundly honoured by this occasion. I regard it as no formality. I have received a singular honour from a great University; and I am happy to think that I have received it, physically, from the hands of an old friend.

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Financial Statements

1960

THE UNIVERSITY

Income and Expenditure Account for the

INCOME

NORTH TERRACE

	<i>Schedule</i>	1960 £	£	1959 £
<i>Government Grants—</i>				
H.M. Government of S.A.—Under the				
University Act		39,000		39,000
Grant for 1960		1,101,200		995,400
		<u>1,140,200</u>		<u>1,034,400</u>
			(Def.) — 6,094	189,600
Commonwealth Emergency Grant		252,800		<u>189,600</u>
			1,393,000	<u>1,217,906</u>
<i>Interest—</i>				
Commonwealth Inscribed Stock		12,347		13,922
Treasury of South Australia		10,696		8,730
Agent-General		98		—
Mortgage Advances		2,505		3,123
		<u>25,646</u>		<u>25,775</u>
Less Interest credited to Special Funds	M	<u>9,717</u>		<u>9,188</u>
			15,929	16,587
<i>Dividends on Shares</i>			15,840	17,110
<i>Student Fees</i>	N		189,463	136,073
<i>Other Income</i>	O		36,780	28,040
<i>Deficit—1959</i>				379
Total North Terrace		1,651,012		1,416,095
Total Waite Institute		292,700		257,860
		<u>£ 1,943,712</u>		<u>£ 1,673,955</u>

OF ADELAIDE

year ended 31st December, 1960

EXPENDITURE

NORTH TERRACE

	Schedule	1960 £	£	1959 £
<i>Departmental—</i>				
Salaries and Wages	A	962,162		789,081
Travelling Expenses—New Appointments		17,732		27,432
Faculty Expenses	B	14,398		15,709
Laboratory Maintenance Grants	A	67,122		55,649
Equipment and Furniture under £1,000	A	69,203		74,621
Equipment and Furniture over £1,000	A	9,260		14,407
			1,139,877	976,899
<i>Library—</i>				
Salaries		38,953		32,503
Books and Binding		43,762		36,847
			82,715	69,350
<i>Administrative Salaries</i>			80,189	69,410
<i>Research—</i>				
Salaries	A	30,337		25,342
Equipment	A	10,912		10,861
Maintenance	A	17,174		17,729
Travelling Expenses	A	4,538		4,684
			62,961	58,616
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		41,568		36,713
Building Repairs	C	43,897		31,917
Maintenance of Site and Grounds		10,109		7,445
Maintenance of Sports Ground		8,185		8,959
			103,759	85,034
<i>University College Scholarships</i>			7,000	7,000
<i>Sundry—</i>				
Payroll Tax		28,464		23,274
Scholarships and Prizes	D	7,580		6,674
General Expenses—Printing, Stationery, Miscellaneous	E	38,179		32,519
Gas, Water, Electricity, Insurance	F	33,936		27,316
Special Grants	G	24,727		23,648
Study Leave	H	12,926		10,684
			145,812	124,115
<i>Minor Building Projects over £1,000</i>	I		26,063	25,671
<i>Surplus—1960</i>			2,636	—
Total North Terrace			1,651,012	1,416,095
Total Waite Institute			292,700	257,860
			<u>£ 1,943,712</u>	<u>£ 1,673,955</u>

OF ADELAIDE

year ended 31st December, 1960 — Continued

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE—

	Schedule	1960 £	£	1959 £
<i>Departmental—</i>				
Salaries and Wages	J	146,686		127,511
Travelling Expenses—New Appointments		3,174		77
Faculty Expenses		1,767		1,656
Laboratory Maintenance Grants	J	16,126		14,430
Equipment and Furniture under £1,000	J	18,649		23,451
Equipment and Furniture over £1,000	J	4,028		2,711
			190,430	169,836
<i>Library—</i>				
Salaries		3,031		2,826
Books and Binding		4,397		4,695
			7,428	7,521
<i>Administrative Salaries</i>			21,374	18,560
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		6,076		4,492
Building Repairs	K	10,898		9,269
Maintenance of Site and Grounds		5,024		4,095
			21,998	17,856
<i>Sundry—</i>				
Payroll Tax		4,767		4,014
General Expenses—Printing, Stationery, Miscellaneous	L	16,745		13,801
Gas, Water, Electricity, Insurance		11,984		8,902
Study Leave		2,753		3,048
			36,249	29,765
<i>Farm—</i>				
Wages (including Gardeners)		12,902		11,933
Maintenance		1,758		1,643
Equipment		523		746
			15,183	14,322
<i>Surplus—1960</i>			38	—
			<u>£ 292,700</u>	<u>£ 257,860</u>

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, 1960.

R. M. STEELE, Chartered Accountant
E. F. HUNWICK, Chartered Accountant
Auditors.

Adelaide, 23rd March, 1961.

1960 INCOME AND EXPENDITURE ACCOUNT—SUPPORTING SCHEDULES

A.

DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture		RESEARCH				TOTAL
			Under £1000	Over £1000	Salaries	Equipment	Maintenance	Travelling Expenses	
Classics	16,081	6	138	—	—	—	—	—	16,225
Philosophy	13,849	—	—	—	225	—	—	—	14,074
Psychology	20,654	1,310	1,198	—	395	206	412	96	24,271
Political Science	13,174	8	8	—	—	—	—	—	13,190
History	33,564	257	177	—	322	—	29	164	34,513
English	34,444	151	80	—	—	19	26	61	34,781
French	12,869	33	148	—	—	—	—	—	13,050
German	9,093	40	63	—	116	—	6	136	9,454
Geography	20,208	1,013	709	—	612	394	184	704	23,824
Anthropological Research	3,632	24	47	—	712	—	350	—	4,765
Education	8,972	183	162	—	—	—	—	—	9,317
Economics	31,367	203	148	—	1,333	—	11	153	33,215
Commerce	11,166	89	155	—	—	—	—	—	11,410
Physics	48,794	4,788	2,719	1,230	3,618	1,771	2,085	324	65,329
Organic Chemistry	29,050	6,349	2,218	—	1,144	—	2,989	—	41,750
Physical & Inorganic Chemistry	40,496	8,868	7,427	2,121	3,422	1,120	2,955	40	66,449
Mathematics	38,167	18	960	—	183	—	255	64	39,647
Mathematical Physics	9,906	94	258	—	288	—	—	—	10,546
Geology	34,141	1,922	2,468	—	982	597	190	531	40,831
Economic Geology	5,765	260	1,389	—	500	—	—	74	7,988
Botany	19,300	1,657	3,015	—	2,407	711	420	463	27,973
Zoology	29,384	2,660	2,285	—	4,549	732	669	530	40,809
Biology	9,161	—	—	—	—	—	—	—	9,161
Genetics	17,193	1,169	430	—	250	321	493	203	20,059
Biochemistry	18,988	1,724	1,302	—	554	890	625	—	24,083
Physiology	32,392	2,176	2,192	1,455	479	715	1,244	55	40,708
Microbiology	19,623	2,623	1,913	—	1,351	307	171	—	25,988
Carried Forward	£581,433	£37,625	£31,609	£4,806	£23,442	£7,783	£13,114	£3,598	£703,410

A.

DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—Continued

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture		RESEARCH				TOTAL
			Under £1000	Over £1000	Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£581,433	£37,625	£31,609	£4,806	£23,442	£7,783	£13,114	£3,598	£703,410
Pathology	29,135	1,928	1,070	—	—	—	—	—	32,133
Anatomy & Histology	22,377	1,103	823	—	—	—	—	—	24,303
Medicine	22,904	2,222	639	—	—	—	—	—	25,765
Obstetrics	15,772	1,349	1,418	—	—	—	—	—	18,539
Surgery	22,151	1,190	1,332	—	—	—	—	—	24,673
Child Health	7,502	1,409	1,944	2,518	—	—	—	—	13,373
Pharmacy	—	—	—	—	—	287	19	—	306
Dentistry	28,976	1,042	2,164	—	—	—	97	425	32,704
Law	22,292	59	308	—	1,250	—	24	254	24,187
Music	14,833	165	—	—	—	—	—	—	14,998
Elder Conservatorium	27,672	3,270	4,026	—	—	—	—	—	34,968
Civil Engineering	36,103	2,370	1,638	—	778	466	195	11	41,561
Mechanical Engineering	33,658	1,619	2,229	—	—	673	129	—	38,308
Electrical Engineering	27,248	3,226	5,466	—	1,059	119	1,347	70	38,535
Mining Engineering	23,323	2,212	2,567	—	419	859	634	22	30,036
Architecture	12,834	657	1,625	—	—	—	—	—	15,116
Social Science	9,682	82	49	—	162	—	—	67	10,042
Physiotherapy	6,885	42	173	—	—	—	—	—	7,100
Pensions & Gratuities	2,069	—	—	—	—	—	—	—	2,069
Overseas Scholarships in Arts & Economics	3,573	—	—	—	—	—	—	—	3,573
Physical Education	8,951	408	153	—	—	—	—	—	9,512
Optometry	211	—	137	—	—	—	—	—	348
Ancillary Staff Superannuation	2,578	—	—	—	—	—	—	—	2,578
Agronomy	—	—	—	—	—	—	35	—	35
Agricultural Chemistry	—	—	—	—	1,508	530	148	9	2,195
Plant Pathology	—	—	—	—	650	180	198	34	1,062
Plant Physiology	—	—	—	—	225	—	282	48	555
Carried Forward	£962,162	£61,978	£59,370	£7,324	£29,493	£10,897	£16,222	£4,538	£1,151,984

A.

DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—Continued

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture		RESEARCH				TOTAL
			Under £1000	Over £1000	Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£962,162	£61,978	£59,370	£7,324	£29,493	£10,897	£16,222	£4,538	£1,151,984
Entomology	—	—	—	—	844	15	32	—	891
Books—for Research Purposes	—	—	—	—	—	—	654	—	654
Printing	—	—	—	—	—	—	266	—	266
Botany—Koonamore	—	172	—	—	—	—	—	—	172
Science—Animal House	—	787	151	—	—	—	—	—	938
Medical Animal House	—	778	848	—	—	—	—	—	1,626
Engineering Survey Camp	—	653	17	—	—	—	—	—	670
Engineering Workshop	—	922	79	—	—	—	—	—	1,001
Medical Workshops	—	117	141	—	—	—	—	—	258
Registrar's Department	—	—	2,743	1,393	—	—	—	—	4,136
Barr Smith Library	—	1,651	717	—	—	—	—	—	2,368
Maintenance	—	—	—	—	—	—	—	—	—
Department	—	—	222	—	—	—	—	—	222
Carpenters' Workshop	—	—	212	—	—	—	—	—	212
Administration	—	—	842	—	—	—	—	—	842
Electrical Maintenance Workshop	—	—	52	—	—	—	—	—	52
Photo Services	—	11	1,531	—	—	—	—	—	1,542
Caretakers	—	—	1,563	—	—	—	—	—	1,563
Electronic Workshop	—	—	715	—	—	—	—	—	715
Bulk Alcohol	—	53	—	—	—	—	—	—	53
Waite Institute	—	—	—	543	—	—	—	—	543
TOTAL	£962,162	£67,122	£69,203	£9,260	£30,337	£10,912	£17,174	£4,538	£1,170,708

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1960 — Continued

EXPENDITURE

NORTH TERRACE

£

B. Faculty Expenses—

Arts—Printing and Stationery	1,010
„ Advertising	743
„ Additional Examiners and Supervisors	77
Economics—Printing and Stationery	216
„ Advertising	337
Science—Printing and Stationery	1,051
„ Advertising	953
„ Additional Examiners and Supervisors	562
Medicine—Printing and Stationery	142
„ Advertising	603
„ Additional Examiners and Supervisors	1,069
„ Humanities—Sundries	10
Dentistry—Printing and Stationery	100
„ Advertising	415
„ Additional Examiners and Supervisors	100
Law—Printing and Stationery	140
„ Advertising	114
„ Additional Examiners and Supervisors	380
„ Sundries	6
Music—Printing and Stationery	144
„ Advertising	52
„ Additional Examiners and Supervisors	14
Conservatorium—Printing and Stationery	32
„ Advertising	38
Engineering—Printing and Stationery	660
„ Advertising	407
„ Additional Examiners and Supervisors	68
Social Science—Printing and Stationery	24
„ Advertising	158
Physiotherapy—Printing and Stationery	49
„ Sundries	1
Architecture—Printing and Stationery	100
Technology—Printing and Stationery	85
Examination Expenses—Degree and Diploma	2,614
Physical Education—Printing and Advertising	31
Sundry Faculty Expenses	1,893
	14,398

C. Building Repairs—

General	2,949
Administration Building	3,139
Elder Conservatorium	1,263
Bonython Hall	371
Prince of Wales Building	1,145
W.E.A. Bookroom	4
The Jarrah Building	77
Carried Forward	8,948

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1960 — Continued

EXPENDITURE

	£	£
Brought Forward	8,948	
Old Anatomy Building	306	
Physics Building	3,938	
Darling Building	3,283	
Observatory	2,207	
Union Buildings	2,829	
Johnson Laboratories	6,014	
Caretaker's Residence	15	
Benham Building	945	
Barr Smith Library	3,445	
Mathematics Building	1,672	
Main Engineering Building	1,788	
Mechanical Engineering Building	763	
Medical Building	6,702	
Mawson Laboratories	591	
Carpenters' Workshop	373	
Organic Chemistry Building	78	
		<u>43,897</u>

EXPENDITURE

D. SCHOLARSHIPS AND PRIZES — 1960

Name	Opening Balance 1/1/60	Income	Expenditure	Closing Balance 31/12/60
Angas Engineering Scholarship	393	137	46	484
John Howard Clark Prize	99	18	20	97
Stow Prizes & Scholarship	—	19	15	4
Everard Scholarship	11	32	—	43
Eric Smith Scholarship	42	22	—	64
Archibald Mackie Bursary	13	4	—	17
Roby Fletcher Prize	—*	5	10	—*
Dr. Davies Thomas Scholarships	—*	19	10	9
Hartley Studentships	19	19	50	—*
Joseph Fisher Medal & Lecture	388	43	112	319
Tinline Scholarship	14	32	30	16
David Murray Scholarship	1367	105	50	1422
John Bagot Scholarship	458	30	—	488
Bundey Prize	38	8	—	46
John Creswell Scholarships	231	48	—	279
Alexander Clark Memorial Prize	58	23	—	81
Lister Prize	—*	3	4	—*
John Lorenzo Young S/ship	160	15	—	175
John L. Young Scholarship	517	47	60	504
Dr. Charles Gosse Lectureship	260	44	—	304
Eugene Alderman Scholarship	30	24	18	36
Ernest Ayers Scholarship	588	58	—	646
George Thompson Bursary	10	5	—	15
Rennie Scholarship	63	12	25	50
Fred Johns Scholarship	1362	91	—	1453
Archibald Watson Prize	9	6	—	15
T. G. Wilson Travelling Scholarship	676	100	—	776
R. W. Bennett Prizes & Medals	47	17	16	48
Sir Robert Chapman Prize	8	10	11	7
Anna Florence Booth Prize	71	26	—	97
William Gardner Scholarship	—	65	—	65
Shorney Prize	197	38	—	235
Lucy Josephine Bagot Prize	24	16	30	10
The Angas Parsons Prize	220	34	50	204
Selbourne Moutray Russell Scholarship	69	34	6	97
Varley Scholarship	105	35	—	140
Barr Smith Prize	26	5	10	21
Carried Forward	£7,573	£1,249	£573	£8,267

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1960 — Continued

Name	Opening Balance 1/1/60	Income	Expenditure	Closing Balance 31/12/60
Brought Forward	£7,573	£1,249	£573	£8,267
Andrew Scott Prize	—*	4	6	—*
James Gartrell Prize	6	6	10	2
Tormore Prize	21	5	6	20
M. Rees George Memorial Prize	49	8	6	51
Jefferis Memorial Medal	37	3	3	37
Tate Memorial Medal	4	2	—	6
Cablemakers Asscn. Prize	—	10	10	—
Lokan Prize	7	3	—	10
B.M.A. (Section of Clinical Medicine) Prize	10	11	21	—
Roche Products Prize	—	10	10	—
Australian Dental Asscn. Prize	—	31	16	15
St. Alban Scholarship	5	5	15	—*
League of Nations Prize	130	7	—	137
Wyeth Prize in Obstetrics	20	20	—	40
Thornber Bursary	—*	14	44	—*
Keith Sheridan Prize	332	25	—	357
Mining & Metallurgical Bursaries	—	400	400	—
E. W. Way Lectureship	—*	15	—	—*
Tennyson Medals	7	3	17	—*
Robert Whinham Prize	—*	3	10	—*
Hardwicke College Prize	4	3	6	1
Way College Prize	1	6	5	2
Annie Montgomerie Martin Prize	—*	5	11	—*
Justin Skipper Prize	46	6	10	42
J. E. Jenkins Scholarships	45	221	200	66
Glady Lloyd Thomas Scholarships	21	16	16	21
James Barrans Scholarships	243	101	60	284
Australian Society of Accountants Prize	—	30	30	—
Elsie Marion Cornish Prize	36	9	8	37
S.A. Chamber of Manufacturers Prize No. 2	—	10	10	—
Dental Board of S.A. Prize	—	21	11	10
Evening Studentships	—*	39	—	—*
Anders & Reimers Scholarships	223	31	10	244
Sir Archibald Strong Memorial Prize	203	22	15	210
Gavin David Young Lectureship	128	82	—	210
Electricity Trust Prize	—	11	11	—
Dental Board of S.A. Research Scholarship	72	2	—	74
Thomas Gepp Prize	39	7	5	41
Elder Conservatorium Old Scholars' Association Prize	—	25	25	—
Violet de Mole Prize	123	18	5	136
J. B. Cleland Prize	—*	4	—	4
E. Harold Davies Scholarship	29	17	17	29
Edith Hubbe & Harriet Cook Prize	124	19	16	127
Natalia Davies Prize	11	10	10	11
Baker Scholarship	1025	167	—	1192
T. L. Borthwick Prize	—	3	—	3
C. & J. Campbell Prize	6	16	—	22
Elder Travelling Scholarship	53	18	—	71
Guli Magarey Scholarship	26	17	16	27
Frederick Bevan Memorial Scholarship	95	22	14	103
E. V. Clark Prize	132	4	8	128
William Culross Prize	—*	8	8	—*
Eva Lines Memorial Scholarship	73	18	15	76
Sir Hugh Cairns Memorial Prize	75	38	30	83
D. B. Adam Memorial Prize	17	10	—	27
Maude Puddy Scholarship	36	17	—	53
Gerard Prize	21	21	21	21
Tew Prize	3	3	3	3
Baillieu Research Scholarship	936	181	75	1042
Rutter Jewell-Thomas Medal & Prize	136	29	5	160
Institute of Chartered Accountants Prize in Accountancy III	10Dr	21	11	—
Dr. Ruby Davy Scholarship	113	13	10	116
T. E. Barr Smith Travelling Scholarship	2249	819	753	2315
Carried Forward	£14,535	£3,974	£2,597	£15,933

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account, 1960 – Continued

Name	Opening Balance 1/1/60	Income	Expenditure	Closing Balance 31/12/60
Brought Forward	£14,535	£3,974	£2,597	£15,933
John Barker Scholarship	112	98	90	120
Thomas D. Hannon Prize	13	5	—	18
Philips Electrical Industries Prize in Electronics	—	60	60	—
Wm. Donnithorne Award	167	101	200	68
Pfizer Prize in Gynaecology	—	25	—	25
George Murray Scholarship	— *	—	2636	— *
Athol Lykke Award	432	108	301	239
Chapman Memorial Scholarship	101	49	45	105
Weimar-Ohlstrom Prizes	18	18	18	18
John Lewis Prize (Royal Geographical Society of Australasia)	5Dr	10	5	—
The British Psychological Society Prize	5	5	5	5
J. R. Wilton Prize	6	5	4	7
Charles Fenner Prize in Geography	4	5	5	4
The Electricity Trust Prize in Electrical Power Engineering	—	50	50	—
A. Grenfell Prize in Geography	5	6	5	6
The Byard Prize	7	10	6	11
The Shell Prize in Mechanical Engineering	25	25	25	25
The Shell Prize in Economics	25	—	25	—
Adelaide Chamber of Commerce Prize	10	—	10	—
Kenneth & Hazel Milne Travelling Scholarship in Architecture	240	166	—	406
Economic Society Prize	—	11	11	—
The Humes Prize in Civil Engineering	—	25	25	—
Forwood Down Prize in Mechanical Engineering	—	11	11	—
The Lienau Prize	13	16	37	— *
Clement Q. Williams Memorial	12	16	30	— *
Asbestolite Pty. Ltd. Award in Architecture	—	50	50	—
Standard-Vacuum Prize in Chemical Engineering	31	—	—	31
Albright & Wilson Prize	—	31	31	—
Florence Cooke Violin Prize	—	2	—	2
The Kloeden-McCormick-Goodhart Scholarship	—	31	31	—
	£15,756	£4,913	£6,313	£17,023

* The closing balances of these Scholarship accounts have been transferred to the Income and Expenditure Account.

Expenditure (Column 3)	£6,313
Excess Closing Balances	£17,023
Opening Balances	£15,756
	<u>£7,580</u>

EXPENDITURE

NORTH TERRACE

	£	£	£
E. General Expenses—Printing, Stationery and Miscellaneous Charges—			
Caretaking and Cleaning		2,145	
Miscellaneous Charges		1,395	
Printing and Stationery—General		5,419	
Advertising—General		484	
Duty Stamps and Exchange		268	
Postages and Telegrams		3,018	
Library—Sundries		23	
Maintenance of Office Machines		931	
Auditors' Fees and Legal Expenses		655	
Senate		204	
Telephone Charges		15,211	
Carried Forward		29,753	

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1960 — Continued

EXPENDITURE

NORTH TERRACE

	£	£	£
Brought Forward		29,753	
Calendar—Printing		2,535	
Visiting Lecturers—Expenses		397	
Public Lectures		78	
Fire Protection Charges		544	
Laundry Services		2,585	
Travelling Expenses		805	
Australian Vice-Chancellors' Committee— Expenses		1,322	
Maintenance of Lifts—General		283	
Maintenance of Lifts—Medical Building		639	
General Service Truck Maintenance		400	
Maintenance of Lifts—Organic Chemistry Building		49	
Interest on Overdraft		5	
Vice-Chancellor's Entertainment Expenses		11	
Hire of Accounting Machine		50	
Heating Fuel Account		678	
Radio-active Materials Disposal		28	
		<u>40,162</u>	
<i>Deduct Credit Balances—</i>			
Discount Received	573		
Overhead Recovery	1,410		
		<u>1,983</u>	
			<u>38,179</u>
 <i>F. Gas, Water, Electricity and Insurance—</i>			
Gas and Electricity Supply		22,829	
Water Rates		5,618	
Insurance Premiums		5,489	
		<u>33,936</u>	
 <i>G. Special Grants—</i>			
Anthropological Research		200	
Postgraduate Medicine		3,200	
Australian Journal of Experimental Biology		300	
Publications Fund		300	
Theatre Guild		208	
Graduates' Union		717	
Staff Club		350	
Australian Institute of Nuclear Science and Engineering		1,002	
Adult Education		18,250	
Australian Law Journal		200	
		<u>24,727</u>	
 <i>H. Study Leave—</i>			
General		10,868	
Research-type Conferences		1,620	
Visiting Lecturers		438	
		<u>12,926</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1960 — Continued

EXPENDITURE

NORTH TERRACE

	£	£
I. <i>Minor Building Projects over £1,000—</i>		
Administration Building Alterations	5,075	
Darling Building Alterations	2,746	
Medical School Building Alterations	2,373	
Johnson Chemistry Building Alterations ..	4,141	
Main Engineering Building—Brick Facing	6,664	
Glasshouse at Waite Institute	2,602	
Agronomy Garage, Waite Institute	1,170	
Farm Garages at Waite Institute	1,292	
	-----	<u>26,063</u>

WAITE AGRICULTURAL RESEARCH INSTITUTE

J. DEPARTMENTAL FUNDS EXPENDED — 1960

DEPARTMENT	Salaries and Wages	Laboratory Maintenance Grants	Equipment & Furniture		TOTAL
			Under £1000	Over £1000	
Agronomy and Plant Breeding	44,037	2,350	2,146	1,257	49,790
Agricultural Chemistry	35,626	6,783	3,562	2,771	48,742
Plant Pathology	25,544	1,889	4,097	—	31,530
Entomology	26,462	2,118	2,814	—	31,394
Plant Physiology	14,804	1,622	1,638	—	18,064
Faculty	213	—	—	—	213
South Wing Basement ..	—	317	—	—	317
Glasshouse Repairs	—	901	—	—	901
Administration	—	—	1,165	—	1,165
Students' Equipment	—	—	1,240	—	1,240
Fruit Fly	—	146	129	—	275
Laboratory Furniture	—	—	1,858	—	1,858
£	146,686	16,126	18,649	4,028	185,489

£ £ £

K. *Building Repairs—*

Laboratories—General	7,715
External Repairs	1,850
Urrbrae House and Cottages	490
Glasshouse Repairs ..	15
Alterations to Laboratories, Coolhouse, Carpenters' Shop	828

	<u>10,898</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1960 — Continued

EXPENDITURE

NORTH TERRACE

	£	£	£
L. General Expenses—			
Telephone		2,671	
Printing and Stationery		1,677	
Freight and Cartage		332	
Photography		455	
Publications		458	
Trav. Expenses—General Administration ...		352	
" " Agronomy and Plant			
Breeding		1,945	
" " Agricultural Chemistry ...		635	
" " Plant Pathology		905	
" " Entomology		2,276	
" " Plant Physiology ...		475	
Advertising		1,514	
Postages		756	
Laundry		570	
Cleaners' Materials ...		583	
Sundries		1,133	
Trav. Expenses—Farm		8	
			<u>16,745</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Income and Expenditure Account, 1960 — Continued

		INCOME		
		NORTH TERRACE		
		£	£	£
M.	<i>Interest and Dividends—</i>			
	Australian Inscribed Stock		12,347	
	Treasury of South Australia Interest		10,696	
	Mortgage Advances		2,505	
	Agent-General—Interest		98	
			<u>25,646</u>	
	<i>Less:</i>			
	<i>Interest Credited to Special Funds—</i>			
	Personal Superannuation Accumulation			
	Accounts	4,254		
	Other Trust Funds	5,463		
			<u>9,717</u>	
				<u>15,929</u>
N.	<i>Fees—</i>			
	Arts		16,680	
	Economics		10,975	
	Science		35,506	
	Medicine		49,560	
	Dentistry		4,846	
	Law		9,015	
	Music		2,694	
	Conservatorium		11,921	
	Engineering		30,366	
	Technology		2,283	
	Social Science		3,054	
	Physiotherapy		3,885	
	Agricultural Science		4,727	
	Optometry		473	
	Physical Education		921	
	Architecture		2,218	
	Pharmacy		339	
			<u>189,463</u>	
O.	<i>Other Income—</i>			
	Rent—Investment Properties	5,836		
	Less—Maintenance Properties	2,531		
			<u>3,305</u>	
	Calendar Sales		450	
	Examination Paper Sales		335	
	Hire of Rooms		203	
	C.S.I.R.O. Grant for Genetics		2,500	
	Grant from C.S.I.R.O. and various			
	benefactors for Animal Ecology		3,100	
	Pharmaceutical Society of S.A.—Grant for			
	Pharmacy Classes		999	
	General Service Fees	14,249		
	Less Disbursements	7,061		
			<u>7,188</u>	
	Statement of Academic Record		234	
	Commonwealth Govt. Grant—Physical			
	Education		2,100	
	Superannuation Commission		4,001	
	Liquid Air Sales		73	
	Administration Charge Refunds		2,504	
	Fourth Annual Contribution from			
	Architects' Fund towards Chair of			
	Architecture		5,000	
			<u>31,992</u>	
	Carried Forward			

THE UNIVERSITY OF ADELAIDE

Schedules – Income and Expenditure Account, 1960 – Continued

INCOME			
	NORTH TERRACE	£	£
Brought Forward			31,992
First Annual Contribution towards the Chair of Microbiology			4,500
Grant for Readership in Agric. Economics			3,000
Library Fees			198
Library Fines			202
			<u>39,892</u>
Less Transfer to Fund for Replacement of Major Equipment			5,000
			<u>34,892</u>
<i>External Scholarships and Prizes—</i>			
Alexander Clark Memorial Prize			13
The Cablemakers Association Prize			11
B.M.A. (Section of Clinical Medicine) Prize			11
Roche Products Prizes			10
Australian Dental Association Prize			32
Wyeth Prize in Obstetrics			20
Mining and Metallurgical Bursaries			400
Australian Society of Accountants' Prize			30
S.A. Chamber of Manufactures Prize			10
Dental Board of S.A. Prize			21
Electricity Trust of S.A. Prize			11
Conservatorium Old Scholars Association Scholarship			25
Gerard Prize in Electrical Engineering			21
Rutter Jewell-Thomas Medal and Prize			24
Institute of Chartered Accountants' Prize			21
T. E. Barr Smith Travelling Scholarship			750
Philips Electrical Industries Prizes in Electronics			60
W. Donnithorne Award			6
Pfizer Prize in Gynaecology			25
Athol Lykke Award for Postgraduate Studies in Music			98
Weimar-Ohlstrom Prizes			18
John Lewis Prize (Royal Geographic Society of Australasia)			10
The British Psychological Society Prize			5
J. R. Wilton Prize			5
Charles Fenner Prize in Geography			5
The Electricity Trust Prize in Electrical Power Engineering			50
A. Grenfell Prize Prize in Geography			6
The Byard Prize			5
Shell Prize in Mechanical Engineering			25
Economic Society Prize			10
The Humes Prize in Civil Engineering			25
Forwood Down Prize in Mechanical Engineering			10
Asbestolite Pty. Ltd. Award in Architecture			50
The Albright & Wilson Prize in Chemical Engineering Design			32
Florence Cook Violin Prize			2
The Kloeden-McCormick-Goodhart Scholarship			31
			<u>1,888</u>
			<u>36,780</u>

THE UNIVERSITY OF ADELAIDE

*Schedules—Income and Expenditure Account, 1960—Continued***INCOME**

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£	£
P. Interest and Dividends—			
Peter Waite Trust Fund		2,472	
Elizabeth MacMeikan Estate		6,380	
Hugh Hughes Estate		1,700	
James Waite Estate		32	
Mrs. L. M. Owen-Smyth		144	
Ranson Mortlock		475	
		<u> </u>	<u>11,203</u>
Q. Other Income—			
Waite Donations:			
J. T. Mortlock Bequest		1,000	
Sundry Income:			
Sundry Sales		1,690	
Rent A/c.—Dr. Best		104	
" " A. V. Lehman		52	
		<u> </u>	<u>2,846</u>

THE UNIVERSITY
Statement of Balances of Capital

LIABILITIES AND TRUSTS			1960	1959
NORTH TERRACE	Schedule	£	£	£
<i>Endowments and Grants—</i>				
General	1	1,173,424		1,114,071
Sale of Country Lands		40,000		40,000
Sale of Alverstoke Estate		12,000		12,000
Grants and Donations for University Site	2	11,776		11,776
<i>Contributions to Buildings and Fittings:</i>				
H.M. Government of S.A.		411,525		404,611
Commonwealth Government		268,525		268,525
From Accumulated Funds		194,880		195,169
Appropriated from Reserves		15,525		15,525
Unemployment Relief Council for Johnson Chemical Laboratories		12,000		12,000
Pharmaceutical Society of S.A.		300		300
Commonwealth Department of Commerce (Medical Building)		11,749		11,749
I.G.Y. (Seismograph Vault)		2,000		2,000
C.S.I.R.O. (Mawson Laboratories)		825		825
Radio Research Board		1,393		—
		2,155,922		2,088,551
 <i>Reserves and Special Funds—</i>				
Provision for Items over £1,000	3	41		155
Special Donation for Clinical Medicine		13,045		12,677
Invalidity Scheme Fund		9,904		5,864
Personal Superannuation Accounts		120,849		90,042
Ancillary Staff Superannuation		4,587		2,009
Share Fluctuation Reserve		62,122		62,122
H.M. Government of S.A. Advance for 1961		12,000		11,000
Bank of Adelaide Current Account		15,068		— 4,510
Income and Expenditure Surplus 1960		3,498	(Def.)	— 1,349
Fund for Replacement of Major Plant		20,000		15,000
Motor Vehicle Replacement Fund		4,336		3,125
<i>Grants for Buildings and Fittings:</i>				
H.M. Government of S.A.		320,000		200,000
Commonwealth Government (including Equipment)		380,000		200,000
H.M. Government of S.A. and Commonwealth Grants for Residential Colleges	£ 82,000			
Less Advances to Colleges	82,000			52,000
Provision for Additional Floor, Main Engineering Building		20,000		20,000
Scholarship Funds	4	17,023		15,772
Library Funds	5	4,961		4,376
Special Funds	6	218,435		200,699
		1,225,869		888,982
Carried Forward		3,381,791		2,977,533

OF ADELAIDE

Accounts as at 31st December, 1960.

		ASSETS		
NORTH TERRACE		Schedule	1960	1959
			£	£
<i>Investment of Endowments and Grants—</i>				
Commonwealth Inscribed Stock ...	.....	13	128,063	266,401
Share and Stock Investments .....	.....	14	524,767	313,452
University Site .....	.....		11,776	11,776
University Buildings .....	.....	15	1,312,262	1,301,670
Other Land and Buildings .....	.....	16	30,579	30,579
Books Barr Smith Library .....	.....		9,106	9,106
Advances on Mortgage .....	.....	17	47,366	57,564
Funds held by Trustees .....	.....	18	34,003	34,003
Michell Estate—Funds due to the University ...			58,000	64,000
			2,155,922	2,088,551
<i>Investment of Reserves and Special Funds—</i>				
Commonwealth Inscribed Stock .....	.....		104,531	109,643
Investment Properties and Improvements	.....	19	64,301	64,301
Current Balances:				
Invested on Deposit with Treasury of S.A. ...			52,321	216,478
Agent-General for S.A., London .....	.....		23,910	8,800
Cash, Debtors ... ..	.....	20	48,780	16,454
Buildings in Progress .....	.....	21	932,026	473,306
			1,225,869	888,982
Carried Forward			3,381,791	2,977,533

THE UNIVERSITY
Statement of Balances of Capital

LIABILITIES AND TRUSTS			1960	1959
NORTH TERRACE	Schedule	£	£	£
Brought Forward			3,381,791	2,977,533
<i>Funds Expended on Equipment—</i>				
Contributed from Accumulated Income		234,027		234,547
Donations for Equipment	7	205,775		175,980
Donations for Library	8	20,441		19,090
<i>Funds Provided by H.M. Government of S.A.—</i>				
Equipment under £1,000		474,292		394,374
Library		206,149		162,386
Equipment over £1,000		82,268		72,303
Furniture over £1,000		1,372		1,372
<i>C.R.T.S. Equipment Provided by Commonwealth Government</i>		74,202		74,202
			1,298,526	1,134,254
 <i>Lord Mayor's Cancer Appeal Fund—</i>				
Donations		£ 90,984		
Less Deficit incurred in operating expenses in 1960		8,723		
			82,261	90,984
Part of Special Grant by H.M. Government of S.A. towards purchase of Linear Accelerator		16,000		16,000
Grant by H.M. Government of S.A. for Gamma Ray Spectrometer		10,000		10,000
Current Account		15,777		- 11,279
			124,038	105,705
 <i>University Union Building Appeal Fund—</i>				
Donations		103,761		103,761
Interest		6,763		6,763
Contributed by University from Capital Funds		115,868		113,295
			226,392	223,819
 <i>Department of Architecture Fund—</i>				
Donations		22,056		21,256
Interest		2,451		2,220
			24,507	23,476
Carried Forward			5,055,254	4,464,787

OF ADELAIDE

Accounts as at 31st December, 1960 — Continued

NORTH TERRACE		ASSETS			
			Schedule	1960	1959
Brought Forward ..			£	£	£
				3,381,791	2,977,533
<i>Equipment—</i>					
Equipment .....	.....	22	873,273		754,144
Library Books and Binding .....	.....	23	312,966		267,852
Furniture .....	.....	24	112,287		112,258
				<u>1,298,526</u>	<u>1,134,254</u>
<i>Lord Mayor's Cancer Appeal Fund—</i>					
Invested in Commonwealth Inscribed Stock at par .....	.....		30,000		30,000
Linear Accelerator—Progressive cost to 31/12/60 .....	.....		69,705		69,705
Fire Protection System .....	.....		1,500		1,500
Grant towards cost of Electron Microscope (Waite Institute) .....	.....		5,000		4,500
Human Body Monitor and Steel Room .....	.....		17,833		—
				<u>124,038</u>	<u>105,705</u>
<i>University Union Building Appeal Fund—</i>					
Alterations and Additions to Union Buildings .....	.....		101,091		100,460
New Union Hall .....	.....		122,724		120,782
Expenses of Appeal .....	.....		2,577		2,577
				<u>226,392</u>	<u>223,819</u>
<i>Department of Architecture Fund—</i>					
Contributions towards cost of Chair of Architecture .....	.....		20,000		15,000
Expenses of Appeal .....	.....		1,098		1,098
Current Account (on deposit) .....	.....		3,409		7,378
				<u>24,507</u>	<u>23,476</u>
Carried Forward ..				<u>5,055,254</u>	<u>4,464,787</u>

THE UNIVERSITY
Statement of Balances of Capital

LIABILITIES AND TRUSTS		Schedule	1960	1959
	Brought Forward	£	£	£
			5,055,254	4,464,787
WAITE AGRICULTURAL RESEARCH INSTITUTE—				
Endowments—General	9	231,065		231,439
Endowments for Laboratories	10	35,000		35,000
Donations	11	82,534		68,259
Contributed from Accumulated Income		92,697		92,697
Unexpended Funds	12	18,969		8,167
Motor Vehicles—Replacement Fund		529		— 326
Funds Provided by H.M. Government of S.A.:				
Grant for New East Wing		55,000		55,000
Equipment under £1,000		147,391		123,805
Library		29,001		24,604
Equipment over £1,000		51,573		39,272
Grants by Commonwealth Government:				
C.R.T.S. Buildings		9,602		9,602
New East Wing		55,000		55,000
Income and Expenditure Surplus, 1960		38		—
			808,399	742,519
			£ 5,863,653	£ 5,207,306

Contingent—

Bequests in Deceased Estates subject to Life and Other Interests:—

Estate of Late Clement Phillipson
Estate of Late Georgina M. Dowling
Estate of Late Constance Fraser
Estate of Late J. T. Mortlock
Estate of Mrs. L. M. Owen-Smyth
Estate of Late Laura Anita Shanasy
Estate of Late Fred Johns
Estate of Late R. T. Melrose
Estate of Late R. A. M. McConnochie
Estate of Late J. H. Vaughan
Estate of Late Mrs. E. C. E. Munton
Estate of Late Miss G. E. I. Borthwick
Estate of Late Dr. A. J. Schulz
Estate of Late Reginald Walker
Estate of Late Hugh Hughes (Balance)
Estate of Late William Donnithorne (Balance)
Estate of Late Edward Neale (Balance)
Estate of Late Miss A. M. Barnes (Balance)
Estate of Late S. McGregor (Balance)
Estate of Late Jean B. Reid (Balance)

W. MEIKLEJOHN,
Assistant Registrar (Finance).

We report that we have examined the above statement showing the financial position of the University of Adelaide in respect of Capital Funds as on the 31st December, 1960, and have compared the same with the entries in the various Books of Account and other records relating to the affairs of the said University, and as a result of our examination and audit we do hereby certify that the above statement is a correct abstract of such Books of Account. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University and

OF ADELAIDE

Accounts as at 30th December, 1960—Continued

ASSETS			1960	1959
	Schedule	£	£	£
Brought Forward ..			5,055,254	4,464,787
WAITE AGRICULTURAL RESEARCH INSTITUTE—				
Commonwealth Inscribed Stock ..		19,866		23,984
Funds held by Trustees ..	25	115,104		115,523
Land, Urrbrae House ..	26	54,455		54,455
Buildings ..	27	287,984		263,872
Equipment and Furniture ..	28	278,709		237,582
Library ..	29	40,124		35,727
Current Balances—Cash, Debtors ..	30	12,157		11,376
			<u>808,399</u>	<u>742,519</u>
			<u>£ 5,863,653</u>	<u>£ 5,207,306</u>

Contingent—

Bequests in Deceased Estates subject to Life and Other Interests:—

Estate of Late Clement Phillipson
Estate of Late Georgina M. Dowling
Estate of Late Constance Fraser
Estate of Late J. T. Mortlock
Estate of Mrs. L. M. Owen-Smyth
Estate of Late Laura Anita Shanasy
Estate of Late Fred Johns
Estate of Late R. T. Melrose
Estate of Late R. A. M. McConnochie
Estate of Late J. H. Vaughan
Estate of Late Mrs. E. C. E. Munton
Estate of Late Miss G. E. I. Borthwick
Estate of Late Dr. A. J. Schulz
Estate of Late Reginald Walker
Estate of Late Hugh Hughes (Balance)
Estate of Late William Donnithorne (Balance)
Estate of Late Edward Neale (Balance)
Estate of Late Miss A. M. Barnes (Balance)
Estate of Late S. McGregor (Balance)
Estate of Late Jean B. Reid (Balance)

not payable on the said 31st day of December, 1960. We further report that the securities, etc., representing the investments shown in the above statement, as well as the Land Grants and Certificates of Title belonging to the University, have been verified by us.

R. M. STEELE, Chartered Accountant
E. F. HUNWICK, Chartered Accountant
Auditors.

Adelaide, 23rd March, 1961.

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1960

LIABILITIES AND TRUSTS			
NORTH TERRACE			
		£	£
1. Endowments—General—			
Sir George Murray (for General Purposes)		86,767	
Less Transferred to Equipment		500	
		-----	86,267
Miss M. T. Murray (for General Purposes)			53,308
Sir Thomas Elder (for Medical School)			30,000
Sir Thomas Elder (for General Purposes)		25,000	
Public Donations (for General Purposes)		600	
		-----	25,600
Sir Thomas Elder (for Music School)			20,000
Sir Thomas Elder (for Arts and Science)		20,000	
Sir Walter Watson Hughes (for Arts and Science)		20,000	
		-----	40,000
Sir Langdon Bonython (for Great Hall)			52,330
Sir Langdon Bonython (for Law School)			20,000
Dr. F. Lucas Benham (Benham Laboratories)			51,381
Gwen Michell Foundation (for Medical Research)			50,000
Gwen Michell Foundation (for Medical Research)			103,916
T. E. Barr Smith, Snr. (for Library Building)			34,719
T. E. Barr Smith, Snr. (for Library Fund)			10,000
T. E. Barr Smith (for Scholarship in Agricultural Science)			13,875
Barr Smith Library Fund—No. 1 A/c.			11,000
Barr Smith Library Fund—No. 2 A/c.			9,108
S. McGregor Reid			23,591
Jean B. Reid			42,235
Keith Sheridan Fund (for Medical Research) ..			30,923
Mrs. Jane Marks (for Chair in Pathology)			30,000
Sir William Mitchell (for Chair in Biochemistry)			20,000
Sir William Mitchell (for Library Fund)			5,000
For Union Buildings—			
Public Donations		16,402	
Sir George Murray		10,270	
Sir Josiah Symon (for Lady Symon Building)		9,500	
		-----	36,172
Sewell Myers Research Bequest			20,000
G. Collin Estate			20,000
Edward Neale (for Medical Research)			28,917
Family of the late John Darling (for Darling Building)		15,000	
Sir George Murray (used for Darling Building)		1,000	
		-----	16,000
Mrs. C. A. Jury (for Chair in English Literature)			12,000
R. L. Johnson (for Chemical Laboratory)			12,000
J. H. Angas (for Chair in Chemistry)			6,000
J. H. Angas (for Engineering Scholarship)			4,000
Broken Hill Pty. Co. Ltd. (for Chair in Mining and Metallurgy)			15,000
For Chairs in Engineering—			
Broken Hill Pty. Co. Ltd.		5,000	
Adelaide Electric Supply Co. Ltd.		5,000	
General Motors-Holden's Ltd.		5,000	
Sir Edward Holden		2,500	
Tenax Investments Ltd.		2,500	
Richards Industries Ltd.		2,000	
British Tube Mills (Aust.) Pty. Ltd.		2,000	
Kelvinator Australia Ltd.		1,000	
		-----	25,000
Carried Forward			958,340

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1960 — Continued

	£	£
Brought Forward		958,340
For Chair in Economic and Mining Geology—		
North Broken Hill Ltd.	18,269	
Broken Hill Pty. Co. Ltd.	10,440	
Broken Hill South Ltd.	10,440	
Zinc Corporation Ltd.	10,439	
New Broken Hill Consolidated Ltd.	2,610	
	<u>52,198</u>	
A. M. Barnes Endowment		3,832
Animal Products Research Foundation		7,074
J. E. Jenkins Scholarships Fund		6,975
Emma Jeffress Endowment		6,098
Sir Joseph Verco (for Medical Science Research)		5,000
Sir Joseph Verco (for Medical Research)		2,166
Sir Joseph Verco (for Dental School)		2,166
Kenneth and Hazel Milne Travelling Scholarship—		
Architecture	5,000	
F. W. Wheadon (for Observatory Building)	5,337	
Baillieu Scholarships Fund	4,839	
Baker Scholarship Fund	4,246	
James Barrans Scholarship Fund	3,000	
John Barker Scholarship Fund	3,000	
Donnithorne Awards Fund	2,934	
T. G. Wilson Scholarship Fund	2,500	
Gavin David Young Lectures Fund	2,453	
William Gardner Scholarship Fund	2,043	
Olive Eva Braund Estate	2,200	
David Murray Scholarship Fund	2,000	
Nickel Mines No Liability	2,000	
Department of Health Capital Grant (for Physical		
Education)	2,000	
Public Donations (for Buildings)	1,890	
Athol Lykke Fund (for Postgraduate Studies in Music)	1,860	
Rose Grainger Orchestral Fund	1,076	
Fred Johns Scholarship Fund	1,500	
Creswell Scholarships Fund	1,300	
Sir Samuel Way, P.C. (for General Purposes)	1,277	
Ernest Ayers Scholarships Fund	1,236	
Public Donations (for Evening Classes)	1,220	
Dr. Charles Gosse Lectureship Fund	1,125	
Everard Scholarship Fund	1,000	
Joseph Fisher (Lecture and Medal Fund)	1,000	
Tinline Scholarship Fund	1,000	
John L. Young Scholarship Fund	1,000	
Shorney Prize and Medal Fund	1,000	
Varley Scholarship Fund	1,000	
Selbourne Moutray Russell Scholarship Fund	1,000	
L. G. Wilson—Gift of Hills Property, "Pine Kloof"	4,631	
M. L. Mitchell (for Animal Culture House)	924	
The Angus Parsons Prize Fund	900	
S.A. Orchestra Permanent Fund	873	
Anders and Reimers Scholarships Fund	760	
Elizabeth Jackson Memorial Library Fund	750	
Eugene Alderman Scholarship Fund	740	
Eric Smith Scholarship Fund	650	
Archibald Mackie Bursary Fund	100	
Carried Forward		<u>1,117,213</u>

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1960 – Continued

	£	£
Brought Forward		1,117,213
For Anti-Cancer Committee—		
Mrs. E. C. Hoare	5,769	
Mrs. Rosye F. Mortlock	5,086	
C. V. Crocombe	3,722	
Laura E. Bateman	2,553	
Mrs. H. L. Heuzenroeder	2,846	
Robert T. Melrose	2,291	
Mrs. M. August	1,836	
E. F. Hern	1,157	
Various Benefactors	702	
Ruby Chambers	488	
J. Grinberg	100	
	<hr/>	26,550
Stow Prizes and Medal Fund		613
Hartley Studentship Fund		600
Dr. Davies-Thomas Scholarship Fund		600
Frederick Bevan Scholarship Fund		600
Miss Julia Stuckey (for Botany Laboratory)		503
E. Harold Davies Scholarship Fund		500
John Howard Clark Scholarship Fund		500
John Bagot Prize and Medal Fund		500
A. M. Simpson Library in Aeronautics Fund		500
Mrs. Agnes Ayers (for General Purposes)		500
R. W. Bennett Prizes and Medal Fund		500
Anna Florence Booth Prize Fund		750
Edith Hubbe and Harriett Cook Prize Fund		500
Lucy Josephine Bagot Prize Fund		500
Sir Archibald Strong Memorial Prize		500
Gladys Lloyd Thomas Scholarship Fund		500
C. J. Campbell Prize Fund		500
Maude Puddy Scholarship Fund		500
Rutter Jewell-Thomas Prize Fund		500
Guli Magarey Scholarship Fund		500
Mrs. G. Magarey Bequest—		
Elder (Overseas) Scholarship Fund		500
Eva Lines Scholarship Fund		500
Dr. E. W. Way Lectureship Fund		473
Violet de Mole Memorial Fund		456
Keith Sheridan Prizes Fund		452
Thornber Bursary Fund		450
Rennie Research Scholarship Fund		317
Sir Robert Chapman Prize Fund		311
D. B. Adam Prize Fund		311
Natalia Davies Prize Fund		315
John Lorenzo Young Scholarship Fund		300
Ruby C. Davy Prize Fund		300
Alexander Clark Prize Fund		255
Weimar-Ohlstrom Prizes Fund		300
Elsie Marion Cornish Prize Fund		250
Bunday Prize Fund		200
James Gartrell Prize Fund		200
M. Rees George Prize Fund		200
Way College Prize and Medal Fund		200
Thomas Gepp Prize Fund		200
Archibald Watson Prize Fund		170
Roby Fletcher Scholarship Fund		160
St. Alban Scholarship Fund		150
Carried Forward		<hr/> 1,161,399

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

	£	£	£
Brought Forward			1,161,399
Barr Smith Prize Fund			150
Annie Montgomerie Martin Prize Fund			150
George Thompson Bursary Fund			150
Justin Skipper Prize Fund			150
Tormore Old Scholars' Prize Fund			130
Donation towards the Cost of Furnishing the New Council Room (Sir Mark Mitchell)			1,000
J. B. Cleland Prize Fund			130
Andrew Scott Prize Fund			115
Professor J. H. B. Tew Prize Fund			100
William Culross Prize Fund			250
Chapman Memorial Fund			1,482
Anonymous Donation: Staff Common Room		2,379	
Less Transferred to Equipment		1,006	
		<u> </u>	1,373
Sir Hugh Cairns Memorial Fund			1,154
Shorney Memorial Library Fund			1,000
Robin Memorial Lecture Fund			606
Nathan Netter			530
T. P. Shaughnessy Fund			191
Australian Dental Association Endowment for Thomas D. Hannon Prize			133
Tennyson Medals Fund			100
Lister Prize Fund			100
League of Nations Prize Fund			100
Hardwicke College Prize Fund			100
Lokan Prize Fund			100
Thomas L. Borthwick Prize Fund			100
Robert Whinham Prize Fund			84
Kate Helen Weston Fund			67
Tate Memorial Medal Fund			60
Hughes Statue Maintenance Fund			50
Jefferis Medal Fund			50
M. L. Mitchell (for Periodicals)			50
Elizabeth Jackson Library Fund			30
Sydney Norman Bequest			700
A. Grenfell Price Prize			110
G. Fenner Prize			100
Florence Cooke Violin Prize			100
Prof. J. E. Wilton Prize			100
Byard Prize Endowment			130
Lienau Scholarship Endowment			500
Clement Q. Williams Memorial Fund			500
			<u>1,173,424</u>
 2. Grants and Donations for University Site—			
Land Endowment		5,000	
Special Donations for Fences and Gates—			
R. Barr Smith			400
Hon. Sir John Duncan			250
W. H. Duncan			1,000
Sir Walter Young			876
Sir William Mitchell			
Special Donations for other improvements—			
Misses Eva and Lily Waite	2,250		
Hon. Sir George Murray	2,000		
		<u>4,250</u>	
			<u>11,776</u>

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

	£	£	£
3. Reserves and Special Funds—			
Provision for Items over £1,000		291	
Less Expenditure: University Workshop			
(Balance)		250	
			<u>41</u>
4. Scholarship Funds—			
Angas Engineering Scholarship		484	
John Howard Clark Prize		97	
Stow Prizes and Scholarship		4	
Everard Scholarship		43	
Eric Smith Scholarship		64	
Archibald Mackie Bursary		16	
Dr. Davies-Thomas Scholarship		9	
Joseph Fisher Medal and Lecture		319	
Tinline Scholarship		16	
David Murray Scholarship		1,422	
John Bagot Scholarship		488	
Bundey Prize		46	
John Creswell Scholarships		279	
Alexander Clark Memorial Prize		81	
John Lorenzo Young Scholarship		175	
John L. Young Scholarship		504	
Dr. Charles Gosse Lectureship		304	
Eugene Alderman Scholarship		36	
Ernest Ayers Scholarship		646	
George Thompson Bursary		15	
Rennie Scholarship		50	
Fred Johns Scholarship		1,452	
Archibald Watson Prize		14	
T. G. Wilson Travelling Scholarship		776	
R. W. Bennett Prize and Medals		48	
Sir Robert Chapman Prize		7	
Anna Florence Booth Prize		97	
William Gardner Scholarship		65	
Shorney Prize		235	
Lucy Josephine Bagot Prize		10	
The Angas Parsons Prize		203	
Selbourne Moutray Russell Scholarship		97	
Varley Scholarship		140	
Barr Smith Prize		22	
James Gartrell Prize		3	
Tormore Prize		20	
M. Rees George Memorial Prize		51	
Jefferis Memorial Medal		36	
Tate Memorial Medal		6	
Lokan Prize		10	
Australian Dental Association Prize		16	
League of Nations Prize		137	
Wyeth Prize in Obstetrics		40	
Keith Sheridan Prizes		357	
Hardwicke College Prize		1	
Way College Old Collegians' Prize		2	
Justin Skipper Prize		42	
J. E. Jenkins Scholarship		66	
Gladys Lloyd Thomas Scholarship		21	
James Barrens Scholarship		284	
Elsie Marion Cornish Prize		37	
Dental Board of S.A.		11	
Anders and Reimers Scholarships		244	
Sir Archibald Strong Memorial Prize		210	
			<u>9,858</u>
Carried Forward			

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1960 – Continued

	£	£	£
Brought Forward		9,858	
Gavin David Young Lectureship		210	
Dental Board of S.A. Research Scholarship		74	
Thomas Gepp Prize		41	
Violet de Mole Prize		136	
J. B. Cleland Prize		4	
E. Harold Davies Scholarship		29	
Edith Hubbe and Harriet Cook Prize		127	
Natalia Davies Prize		11	
Barker Scholarship	1,192		
T. L. Borthwick Prize		3	
C. and J. Campbell Prize		22	
Elder Travelling Scholarship		71	
Guli Magarey Scholarship		26	
Frederick Bevan Memorial Scholarship		103	
E. V. Clark Prize		128	
Eva Lines Memorial Scholarship		76	
Sir Hugh Cairns Memorial Prize		83	
D. B. Adam Memorial Prize		28	
Maude Puddy Scholarship		53	
Gerard Prize in Electrical Engineering		21	
Prof. J. H. B. Tew Prizes		3	
Baillieu Research Scholarships		1,042	
Rutter Jewell-Thomas Medal and Prize		160	
Dr. Ruby Davy Scholarship		117	
T. E. Barr Smith Travelling Scholarship	2,314		
John Barker Scholarship		120	
Thomas D. Hannon Prize		18	
Wm. Donnithorne Award		68	
Pfizer Prize in Gynaecology		25	
Athol Lykke Award		239	
Chapman Memorial Scholarship		105	
Weimar-Ohlstrom Prize		18	
British Psychological Society Prize		5	
J. R. Wilton Prize		7	
Charles Fenner Prize		4	
A. Grenfell Price Prize		6	
Byard Prize		11	
Shell Prize in Mechanical Engineering		25	
Kenneth and Hazel Milne Travelling Scholarship		406	
Standard-Vacuum Prize in Chemical Engineering		32	
Florence Cooke Violin Prize		2	
			<u>17,023</u>
5. <i>Library Funds</i> —			
T. E. Barr Smith Endowment Income		521	
Sir William Mitchell Endowment Income		799	
Elizabeth Jackson Fund Income		147	
A. M. Simpson Library Income		145	
Kate Helen Weston Library		9	
S.A. Tuberculosis Asscn. Donations		30	
Herbert Shorney Memorial Library Income		10	
Library Deposits		2,802	
Elizabeth Mills Bequest for Library Books		275	
Mark Mitchell—Periodicals Income		36	
Australian Association of Psychiatrists— Grant to Medical Library		112	
S.A. Brewing Company—for Dept. of Microbiology		75	
			<u>4,961</u>

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

	£	£	£
6. <i>Special Funds-</i>			
<i>Consulting and Research Funds-</i>			
Civil Engineering-Donations for Concrete Research	299		
Illuminating Engineering Society Grant	15		
Grant for Latitude Observations	8		
Animal Products Research Foundation	1,148		
Geology Dept. Consulting Fund	233		
Pipe Transmission Line Structure	59		
Economic Geology Consulting Fund	165		
Consulting Fund-Physical and Inorganic Chemistry	10		
Consulting Fund-Civil Engineering	1,429		
Organic Chemistry-Research Funds	897		
Mechanical Engineering Research Fund	12		
Speech Bandwidth Compression Equipment Grant-P.M.G. Department	1,250		
Autopsy Fees	402		
Broken Hill Pty. Co. Ltd.-Research Fund-Economic Geology	1,490		
	<u> </u>	7,417	
<i>Anthropological Research Funds-</i>			
Anthropological Research-			
Harvard University	4		
General Account	203		
Mr. Mountford	981		
T. G. H. Strehlow	9		
Film Account-Dr. Campbell	200		
Mountford Fund for Aboriginal Women	39		
Film Account-General	425		
	<u> </u>	1,861	
<i>Medical Research Funds-</i>			
The Gwendolyn Michell Foundation for Medical Research	11,092		
The Gwendolyn Michell Foundation Reserve for Fluctuation of Shares	703		
Sheridan Bequest	12,019		
F. H. Faulding & Co. Ltd.-Dental Research Grant	16		
I.C.I. Research Fund for Sulphur Drugs	64		
Donation for Research in Encephalitis - A. J. Playford	100		
Gastro Enteritis Investigation Fund	21		
Grant for Tuberculosis Research	53		
Grant for Enuresis Investigations - Mrs. H. M. Newland	5		
Donation for Virus Investigations- Medical School	100		
Sandoz Ltd., Grant for Research in Department of Obstetrics	3,598		
Jane Coffin Childs Memorial Fund for Medical Research	807		
S. McGregor Reid	778		
J. B. Reid-Reserve for Fluctuation of Shares	62		
	<u> </u>	29,418	
Carried Forward		<u>38,696</u>	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1960 — Continued

	£	£	£
Brought Forward		38,696	
<i>Special Purpose Funds—</i>			
Anonymous Donation—Clinical Medicine ...	2,033		
Donation for Equipment—Dental School	25		
Commonwealth Postgraduate Scholarships Accumulation Fund	1,680		
Elder Conservatorium—Donation	165		
Australian Society of Accountants' Lecture	47		
Bonython Hall Maintenance	84		
Permanent Orchestra Fund	723		
Rose Grainger Orchestral Fund	744		
Students' Loan Fund	2,334		
Conservatorium Students' Fund	429		
Board of Social Studies—Students' Fund	205		
Shaughnessy Endowment Income	13		
Hughes Statue Maintenance Fund ..	30		
Reimann Memorial Fund	1		
Robin Memorial Lecture Fund Income	77		
Joseph Verco Memorial	3		
Sheridan Family Grave Maintenance A/c ...	121		
Donation for Furnishing South Hall, Elder Conservatorium	49		
Sir Douglas Mawson Portrait Fund	161		
Broken Hill Associated Smelters—Donations for Purchase of Lead	35		
Donation for Purchase of Musical Instruments	25		
Dr. Ruby C. Davy Bequest for Elder Conservatorium Library	1,213		
Radio Isotope Fund ..	81		
Donations towards Chair of Microbiology	£ 6,948		
Less Expenditure	4,500		
		2,448	
Donations for the Maude Puddy Library	1		
The McGregor Fund	2,000		
A. M. Barnes—Income	873		
Anonymous Donation—Medical School	28,238		
Publications Fund	1,159		
Donations for Purchase of Codex Manesse	70		
Department of Architecture Fund— Balance	3,410		
Physiology Testing Fees	142		
University Music Society Fund	612		
Australian Journal of Experimental Biology and Medical Science ..	2,544		
Cancer Research—Hoare Estate—Reserve for Fluctuation in Shares	75		
Advance by H.M. Government of S.A. towards Loss on Realization of Cancer Appeal Funds Inscribed Stock	5,440		
		57,290	
Carried Forward		95,986	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1960 — Continued

	£	£	£
Brought Forward ..		95,986	
<i>Provisions—</i>			
Surplus Proceeds Sale of Shares for Building Purposes	27,479		
Provision for Fluctuation of Investments		3	
Provision for Fluctuation of Shares— A. M. Barnes Estate		3	
Realization of Obsolete and Surplus Equipment—			
Physical Chemistry	207		
General		5	
Pathology		25	
Medicine	1,230		
Mining		530	
Carpenters' Shop		14	
Physics		191	
Physiology		100	
Microbiology		55	
Gardeners		1	
Economics		67	
Realization of Investment Properties	5,936		
Provision for Damage by Storm and Tempest		600	
Provision for Laboratory Space for Microscope Workshop		500	
Adult Education Motor Vehicle Replacement Fund		885	
Provision for Civil Engineering Special Equipment		6,215	
Provision for Purchase of Special Equipment for Testing Concrete	1,664		
		45,710	
<i>Research Grants—</i>			
Commonwealth Grant for Australian Literature		10	
C.S.I.R.O. Electrical Research Board		96	
C.S.I.R.O. Radio Research Board—Physics		970	
N.H.M.R.C. Grant—Other Expenses		204	
I.C.I.A.N.Z. Research Fellowship		187	
George Aitken Pastoral Research Trust — Zoology		495	
Australian Atomic Energy Commission—			
Studentships	761		
Equipment (Matthews)		42	
Equipment (Staker)		1	
Equipment (Gray)		6	
Equipment (Field)		182	
Equipment (Haskard)		16	
Equipment (Weller)		157	
Equipment (Messenger)		47	
Department of Civil Aviation—Electronic Research Grant		303	
Monsanto Chemicals Grant—Physical and Inorganic Chemistry		968	
Rural Credits Fund—Zoology		261	
Damon Runyon Grant for Cancer Research—Organic Chemistry	1,988		
Carried Forward ..	6,694	141,696	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1960 — Continued

	£	£	£
Brought Forward	6,694	141,696	
Wool Research Committee—Animal Ecology	66		
General Motors-Holden's—Postgraduate Research Fellowship	451		
General Motor-Holden's Postgraduate Fellowship (Nichol)	108		
General Motor-Holden's Postgraduate Fellowship (Mumme)	142		
Australian Atomic Energy Commission Research Grant—Mining	929		
Department of Supply Grant for Research on Aerials and Computers	1,181		
Social Sciences Research Council—Australian Linguistics	36		
C.S.I.R.O.—Maintenance of Electron Microscope	250		
E.T.S.A. Conductor Account	7		
American Chemical Society—Organic Chemistry	2,307		
Social Sciences Research Council Grant—Law	130		
A.A.E.C. Research Contract—Mining Engineering	1,875		
Nuffield Foundation Grant—Marsupials Research (Zoology)	564		
C.S.I.R.O. Grant—Physiology of Native Mammals	98		
Philips Electrical Industries Pty. Ltd.—Postgraduate Scholarship	62		
B.H.A.S. Pty. Ltd.—Grant for Research (Mining Dept.—Lead Project)	334		
Rockefeller Grant for Kuru Research	61		
Adult Education—Commonwealth Government Grant for Australian Literature	21		
Merck Sharpe and Dohme Grant—Microbiology Research	1,932		
Glaxo Laboratories (Aust.) Pty. Ltd. Grant to Microbiology	55		
U.S. Public Health Service Grant to Microbiology	542		
American Petroleum Institute Grant to Geology	2,043		
Social Sciences Research Council Grant to History	11		
Albright and Wilson Studentship in Chemical Engineering	200		
S.A. Fisherman's Co-op. Ltd.—Grant for Research on Crayfish	61		
Australian Atomic Energy Commission Research—Denholm	2,579		
The Nestle Company (Aust.) Ltd.—Grant for Metabolic Study—Child Health	88		
G.M.H. Postgraduate Studentship in Traffic Flow	1,200		
C.S.R. Co. Ltd.—Grant towards Completion of Gouy Interferometer—Physical Chemistry	311		
Carried Forward	24,338	141,696	

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1960 — Continued

	£	£	£
Brought Forward	24,338	141,696	
C.S.I.R.O. Science and Industry Grant for Zoology	65		
Australian Elizabethan Theatre Trust— Grant for Opera	450		
Pfizer Corporation Grant—Child Health	70		
Smith Klyne and French Laboratories Grant—Child Health	62		
Life Insurance Medical Research Fund of Aust. and New Zealand—Grant to Child Health	3,494		
		28,479	
<i>Sundry Balances—</i>			
Graduates' Union Fund (Capital Donations)	179		
Sundry Donations	90		
Colleges Appeal Donations	2,606		
Joint Colleges Appeal Fund	5		
Broken Hill Smelters—Donation	62		
Insurance Deposits	16		
C.I.G. (Sth. Aust.) Ltd.	11		
Constance Fraser Income	693		
Civil Engineering Notebook	86		
L. G. Wilson—Gift of "Pine Kloof" Income	449		
Australian Humanities	100		
Adelaide University Union—Deposit	3,000		
Public Examinations in Music	17,522		
Public Examinations Board	8,675		
George Gollin Estate—Income	1,317		
Victoria Drive Fence—Fund for Maintenance	35		
Sale of Furniture—Vice-Chancellor's House	16		
Scholander Expedition	106		
Key Deposits	9		
Special Donation	5,000		
Special Donation Income	92		
Diploma in Physical Education	3,137		
J. G. Wood Memorial Prize	9		
Chemistry Laboratory Deposits	18		
"Paradise of Dissent" Publications Account	179		
Professor Mitchell's Book Account	136		
Weapons Research Establishment— Mathematics Department	128		
Workshop Materials—Sundry Creditors	577		
Enuresis Patent	1,436		
Retiring Gratuity—D. Mead	1,162		
Donation to Dental Department for Photographic Experiments	100		
Cancer Research	26		
Australian Music Library Donations	400		
C.S.I.R.O. Grant for Capital Expenditure—Animal Ecology Research	2		
Motors Ltd.—Donation for Economics Department	25		
History Book Club	151		
Postgraduate Committee in Medicine— Accumulated Income	508		
Postgraduate Committee in Dentistry	197		
		48,260	
			218,435

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1960 — Continued

	£	£	£
7. Donations for Equipment—			
Sir George Murray		500	
Anonymous Donation—Staff Common Room		1,006	
R. Barr Smith		1,010	
Carnegie Corporation Books		5,967	
Pharmaceutical Society of S.A.		718	
Department of Commerce—Advance for Equipment		753	
Damon Runyon Memorial Fund		2,460	
Commonwealth Postgraduate Scholarships		1,215	
N.H.M.R.C. Fund		3,149	
Medical Research Committee Fund		9,667	
Anti-Oxidant Research Fund		1,267	
Anti-Oxidant Research Fund No. 2 A/c.		617	
Engineering Testing Fees		7,294	
Civil Engineering Fund		8,876	
Consulting Fees—Electrical Engineering ..		108	
For M.M. and C.E. Department—			
Broken Hill Pty. Co. Ltd.	5,000		
Electrolytic Zinc Co. of Aust. Ltd.	5,000		
North Broken Hill Ltd.	4,000		
Broken Hill South Ltd.	4,000		
Zinc Corporation Ltd.	4,000		
Imperial Chemical Industries Ltd.	1,000		
Power Plant Ltd., Malcolm Moore, Esq.	200		
Power Plant Ltd.	400		
Aberfoile Tin N.L.	250		
King Island Scheelite Ltd.	100		
		23,950	
Civil Engineering Consulting Fund		1,550	
Donation for Equipment—Department of Geology		2,565	
Mechanical Engineering Consulting Fund		253	
Adult Education Equipment Fund		405	
Clinical Medicine Donation		2,386	
Adult Education—Motor Vehicle Fund		2,617	
Rockefeller Grant—Biochemistry— Equipment Fund		3,100	
Mechanical Engineering Consulting Fund— Equipment Fund		1,245	
Funds for Equipment—Special—Physical Chemistry		542	
S.A. Tuberculosis Association—Donation for Equipment—Physiology		248	
York Theatre Ltd.—Donation for Projection Equipment		1,500	
Radio Isotopes Course—Equipment Fund ...		286	
Aeromedical Research—Equipment Fund ...		1,348	
C.S.I.R.O. Grant for Capital Expenditure —Animal Ecology		1,498	
Rural Credits Development Fund Grant for Animal Ecology		7,652	
Nuffield Foundation Grant for Inorganic Chemistry		6,500	
Carried Forward		102,252	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

	£	£	£
Brought Forward		102,252	
Rockefeller Foundation Grant for Organic Chemistry		6,705	
Motors Ltd.—Donation for Economics Department		1,975	
Radio Research Board—Equipment Fund		296	
J. M. Black—Botany Department		100	
Electronic Organ—Bonython Hall		2,350	
Graduates' Union		935	
Australian Atomic Energy Commission—Equipment Fund		1,387	
U.S. Public Health Service—Equipment		5,385	
H.M. Government of S.A. Grant for Equipment		1,345	
Special Grant for Equipment—Chemical Department		3,479	
B.H.A.S. Lead Project Equipment Fund		1,925	
Elder Conservatorium Bergonzi Viola Fund		1,045	
Geology Consulting Fund Equipment		188	
Organic Chemistry Research Equipment		2,087	
Funds for Equipment—Special Pathology		184	
Public Examinations Board		10,288	
Public Examinations in Music		5,177	
Rockefeller Grant—Physical Chemistry Fund		8,590	
Rockefeller Grant—Zoology Fund		3,323	
Amsler Press Fund		6,336	
Rockefeller Fund for Kuru Research		1,455	
E.T.S.A. Dynamic Network Analyser Fund		30,471	
American Petroleum Institute—Equipment Fund		1,030	
S.A. Fishermen's Co-op. Ltd.—Equipment Fund		187	
The Nestle Co. (Aust.) Ltd.—Equipment Fund		71	
C.S.R. Grant—Equipment Fund		29	
Clarence River Basin Exploration Co. N.L. Smith, Kline and French Laboratories—Equipment Fund		300	
		35	
Nuffield Foundation Grant—Microbiology		350	
Wellcome Fund—Microbiology—Equipment Fund		120	
Rockefeller Foundation Grant—Equipment for Research—Organic Chemistry Department		2,659	
Donation for Optical Rotatory Dispersion Apparatus—Organic Chemistry Department		550	
Rockefeller Foundation Grant—Research in Molecular Structure—Physics Department		1,994	
Electrical Research Board—Physics—Equipment		1,045	
Economic Geology Special Furniture Fund		29	
Physiology Special Equipment Fund		98	

			<u>205,775</u>

THE UNIVERSITY OF ADELAIDE

Schedules — Capital Accounts as at 31st December, 1960 — Continued

	£	£	£
8. Donations for Library—			
T. E. Barr Smith Endowment		5,116	
Sir William Mitchell		1,657	
Elizabeth Jackson		1,225	
B.M.A. Library Donations		10,393	
A. M. Simpson Library		923	
Kate Helen Weston Library		12	
S.A. Tuberculosis Association Donation		720	
Herbert Shorney Memorial Library		205	
Institute of Physics—Donation for Library Books		58	
Australian Association of Psychiatrists— Grant to Medical Library		7	
S.A. Brewing Co.—Library Fund		125	
			<u>20,441</u>

WAITE AGRICULTURAL RESEARCH INSTITUTE

9. Endowments—General—			
Peter Waite Endowment		100,031	
W. D. Grigg Estate—Endowment ..		18,304	
Elizabeth MacMeikan		18,872	
Hugh Hughes		36,073	
Ranson Mortlock Trust		15,000	
Lily Waite Endowment		10,000	
James Waite Endowment		1,000	
Various Benefactors ..		2,605	
W. H. Sandland Endowment		17,398	
Premiums on Conversion of Stock ..		1,678	
Mrs. D. Mortlock		10,104	
			<u>231,065</u>

10. Endowments for Laboratories—

Mrs. Rosye Mortlock and Mrs. J. T. Mortlock		10,000	
Sir John Melrose Endowment		10,000	
Family Late John Darling ..		10,000	
J. T. Mortlock Endowment ..		2,000	
Empire Marketing Board		3,000	
			<u>35,000</u>

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1960 – Continued

	£	£	£
11. Donations—			
C.S.I.R.O. Mineral Deficiency Fund		1,500	
C.S.I.R.O. Soils Investigation Fund		1,500	
C.S.I.R.O. for Plant Pathology House		1,650	
Commonwealth Bank for Plant Culture House		14,010	
Australian Wool Board		640	
J. T. Mortlock Donation for Livestock ..		500	
Donations for Insectary		1,170	
Wool Research Committee—Donations towards Insectary		2,070	
Rural Credit Development Fund—Grant for Equipment (Proteins and Fodder Research)		10,000	
Donations towards Cost of Electron Microscope		19,978	
Commonwealth Department of Health— Donation of Glasshouse and Fittings	1,720		
Phylloxera Board—Donation for Addition ...	1,500		
		3,220	
C.S.I.R.O. Contributions to Alterations to Building		3,000	
Anonymous Donation for Animal Science		5,000	
State Wheat Research Equipment		605	
Barley Improvement Equipment Fund		5,319	
Wool Research Equipment Fund		1,724	
Commonwealth Wheat Research Equipment Fund		10,648	
			<u>82,534</u>
12. Unexpended Balances—			
Lily Waite Estate—Income Account		1,720	
George Aitken Pastoral Research Trust		12	
I.C.I.A.N.Z. Grant for Research		254	
Apiarists' Association Grant		100	
A.A.E.C. Research Contract—Plant Physiology		2,153	
S.A. Fruitgrowers' and Market Gardeners' Association Grant for Pea Research ...		154	
S.A. Fruitgrowers' and Market Gardeners' Association Grant for Entomological Research		300	
Stone Fruits Investigations—Plant Pathology and Plant Physiology		543	
Rural Credits Development Fund—Grant to Insectary		7,000	
Rockefeller Grant for Insectary		4,445	
Sheep Account		58	
Wool Research Fellowship—Grant-in-aid Wells		16	
Wool Research Fellowship—Income		262	
Commonwealth Department of Health— Grant for Systematic Mycology		1,149	
Special Publications—H. S. Hawkins		24	
Donation towards Alterations of Plant Pathology (Nematology) Laboratories		438	
A.A.E.C. Equipment Fund—Plant Physiology		341	
			<u>18,969</u>

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

ASSETS

NORTH TERRACE

	£	£	£
13. <i>Inscribed Stock</i> —			
Aust. Consolidated Stock—			
3½%—15/9/61		9,740	
3½%—15/9/62		10,000	
3½%—15/10/63		213,260	
		<u>233,000</u>	
E. C. Hoare Bequest:			
Aust. Consolidated Stock—4½%—15/11/68		200	
George Gollin Estate—			
Aust. Consolidated Stock—			
3½%—15/9/62	2,716		
3½%—15/10/63	998		
3½%—15/8/64	7,508		
4½%—15/9/61	512		
4½%—15/11/68	1,964		
5%—15/4/63	1,085		
5%—15/2/67	3,287		
		<u>18,070</u>	
Florence Cooke Violin Prize—			
Aust. Consolidated Stock		100	
4½%—15/9/61			
Jean B. Reid Estate—			
Aust. Consolidated Stock—			
3½%—15/9/61	340		
5%—15/4/63	750		
		<u>1,090</u>	
		<u>252,460</u>	
<i>Less</i> Transfer to Investment of Reserves	104,531		
Transfer to Waite Institute	19,866		
		<u>124,397</u>	
			<u>128,063</u>
14. <i>Electricity Trust Debentures</i> —			
5½%—“B”—1969	110		
5% 1970	20,000		
5% 1969	100		
5% 1969	570		
5%—“B”—1969	5,460		
3½%—“K”—1964	1,188		
5% 1967	146,910		
5% 1967	1,850		
5%-5½% 1968	580		
5%-5½% 1968	1,450		
		<u>178,218</u>	
<i>Share and Stock Investments</i> —			
Share Investments	150,518		
E. C. Hoare Bequest—Shares	2,904		
S.A. Gas Co. Bonds (Gwen Michell			
Bequest)	50,000		
S.A. Gas Co. Bonds (Rutter Jewell-Thomas			
Bequest)	500		
Cellulose Aust. Ltd. (T. E. Barr Smith			
Travelling Scholarship)	13,875		
		<u>217,797</u>	
Carried Forward		1,78,218	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

	£	£	£
Brought Forward	217,797	178,218	
Finance Corporation of Australia Ltd. (Athol Lykke Fund)	1,860		
G. Michell-Shares in Companies	55,400		
S.A. Gas Co. Stock (Weimar-Ohlstrom Prizes)	300		
S.A. Gas Co. Bond (C. Fenner Prize)	100		
S.A. Gas Co. Bond (Byard Prize)	100		
A. M. Barnes Estate-Shares	10,782		
S. McGregor Reid-Shares	23,404		
Jean B. Reid-Shares	36,806		
		346,549	
			<u>524,767</u>

15. Buildings-

Bonython Hall	51,003
Barr Smith Library-Building	33,214
Barr Smith Library-Furniture and Fittings	5,936
Administrative (Main) Building	64,215
Physics Building	70,814
Physics-1st Year Building-Furniture and Fittings	171
Glasshouse-Department of Genetics	2,216
Elder Anatomical Building	8,596
Vice-Chancellor's House	4,876
Staff Common Room	1,748
Prince of Wales Building	20,324
Elder Conservatorium Building	21,743
Darling Building	66,779
Elementary Chemical Laboratory	3,678
Refectory Building	15,433
Refectory Building-Furniture	2,594
George Murray Building	11,543
Lady Symon Building	9,500
Johnson Chemistry Building	48,291
Johnson Chemistry Building-Furniture and Fittings	6,684
Animal Culture House-Darling Building	934
Caretaker's Lodge	1,846
Arts Building	37,575
Mechanical Engineering Building	50,832
Main Engineering Building	134,628
Union Building Alterations	115,868
Medical Building	323,412
Mawson Laboratories	127,294
Health Centre	1,836
Oil Store	615
Stores Building	186
Physical Education Projection Room	1,059
Benham Laboratories	39,549
Benham Laboratories-Furniture and Fittings	385
New Glasshouse-Botany	3,066
Observatory Building	7,500
Seismograph Vault at Mt. Bonython	3,341
Prefabricated Hut and Fencing-St. Kilda	1,393
University Maintenance Workshop	11,585
	<u>1,312,262</u>

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

	£	£	£
16. Other Lands and Buildings—			
Globe Chambers—Victoria Square		18,420	
Waymouth Street Property		12,000	
Landed Estate—Northern Territory		159	
		<u> </u>	<u>30,579</u>
17. Advances on Mortgages—			
22 Advances			<u>47,366</u>
18. Trust Funds Held by Trustees—			
Edward Neale		28,917	
Rosye F. Mortlock		5,086	
		<u> </u>	<u>34,003</u>
19. Investment Properties and Improvements—			
Nos. 119-120 Mackinnon Parade, North Adelaide			
No. 12 Broadway, Glenelg			
No. 12 Broadway, Glenelg—Furniture			
No. 345 Leslie Road, Blair Athol			
Blount Street, Blair Athol			
Prospect Road, Blair Athol			
No. 17 Struan Avenue, Warradale Park			
No. 17 Struan Avenue, Warradale Park—Furniture			
No. 11 Barker Avenue, Flinders Park			
Gilberton Property			
Gilberton Property—Furniture			
Bishop Avenue, Somerton Park			
No. 35 Dee Street, Woodville South			
105 Mackinnon Parade, North Adelaide			
116-117 Mackinnon Parade, North Adelaide			
125 Mackinnon Parade, North Adelaide			
109 Mackinnon Parade, North Adelaide			
127 Mackinnon Parade, North Adelaide			
107 Mackinnon Parade, North Adelaide			
131-133 Mackinnon Parade, North Adelaide			
77-79 Finnis Street, North Adelaide			
Total			<u>64,301</u>
20. Current Balances—			
Petty Cash		50	
Materials in Workshops:			
Carpenters' Workshop	6,077		
Electrical Maintenance Workshop	628		
Instrument and Mechanical Maintenance			
Workshop	194		
Photographic Services Materials	176		
Electronic Workshop	516		
Work in Progress—Wages	507		
Work in Progress—Materials	292		
Stores Account	189		
		<u> </u>	8,579
Sundry Debit Balances:			
Universities Commission Salaries	27		
Sir Douglas Mawson Anniversary Volume	557		
Outstanding Workshop Accounts	460		
Sundry Accounts	6,942		
Union Salaries and Wages	1,394		
University Health Service	20		
Geology Journals	32		
Lawrence Matrix	235		
		<u> </u>	
Carried Forward	9,667	8,629	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

	£	£	£
Brought Forward	9,667	8,629	
Staff Club	1,153		
R. P. Draper	163		
G. S. Read—Advance Account	200		
Engineering Testing	146		
B.M.A. Library Donations	39		
Donations for Equipment for Geology	15		
Patent Recording Apparatus	18		
Mechanical Engineering Consulting Fund	115		
Loan to Adelaide University Union	750		
Vacuum Oil Co.—Joint Colleges Appeal	500		
A.U.C. Dinner	2		
British, Australian, New Zealand Antarctic Research Expedition	14		
N. C. Stewart	350		
J. W. Bennett	290		
Dissipator Fund—Civil Engineering	110		
Highways Investigation Fund—Civil Engineering	63		
Fountain Fund—Civil Engineering	45		
University Microfilms	5,593		
Anti-Cancer Campaign Committee	15,777		
Anthropological Research—Film Account— “In the Beginning”	36		
Australian Linguistics Film Account	258		
Anthropological Research Grant— Strehlow	150		
Commonwealth Bank—Economic and Financial Research	16		
Electrical Research Board Grant—Physics	1,045		
National Health and Medical Research Grant	41		
N.H.M.R.C. Grant—Salmonella	64		
Department of Civil Aviation—Aeromed Research	2,486		
Department of External Affairs— Ionospheric Winds	192		
Technology Fees	95		
Nuffield Foundation Grant—Microbiology	403		
Wellcome Fund—Microbiology	355		
		40,151	
			48,780
21. Buildings in Progress—			
Barr Smith Library Extensions		183,660	
Barr Smith Library Extension— Equipment and Furniture		13,933	
Organic Chemistry Building		265,548	
Equipment for Organic Chemistry Building		6,438	
Main Engineering Building—Additional Floor		48,325	
New Arts Building		200,442	
New Arts Building—Equipment and Furniture		16,473	
Biological Sciences Building		177,946	
Biological Sciences Building—Equipment and Furniture		19,114	
Alterations to Women Medical Students’ Changeroom		147	
			932,026

THE UNIVERSITY OF ADELAIDE

Schedules – Capital Accounts as at 31st December, 1960 – Continued

	£	£	£
22. <i>Equipment—</i>			
Equipment Expended to 31/12/52		117,317	
Equipment under £ 1,000		401,769	
Equipment over £ 1,000		89,692	
Amsler Press		6,336	
Optical Rotatory Dispersion Apparatus—			
Organic Chemistry		3,209	
Equipment—Engineering Testing (No. 1			
Account)		7,294	
Equipment—Engineering Testing (No. 2			
Account)		8,876	
Special, Mining and Metallurgy		23,950	
Special, Grant for Equipment (Chemistry)		3,479	
Napier Birks Room		1,975	
Anti-Oxidants Research Project (No. 1			
Account)		1,884	
Animal Culture House (Darling Building)		753	
Special, Electrical Engineering		108	
Special, Geology		2,565	
Clinical Medicine		2,386	
C.S.I.R.O. Grant for Animal Ecology		1,498	
Animal Ecology (Rural Credits			
Development Fund)		7,652	
Rockefeller Donation for Organic			
Chemistry		6,705	
Nuffield Foundation Donation for			
Inorganic Chemistry		6,500	
Organ—Elder Conservatorium		2,880	
Herbarium—J. M. Black		100	
Special, Economic Geology		300	
Electronic Organ—Bonython Hall		2,350	
E.T.S.A. Dynamic Network Analyser		30,471	
American Petroleum Institute—Geology			
Equipment		1,030	
Damon Runyon Memorial Fund—Farrand			
Spectrofluorometer		2,460	
Nuffield Foundation Grant—Microbiology ..		350	
Mechanical Engineering Consulting Fund ..		1,245	
Aeromedical Research		1,348	
Radio Isotopes Fund		286	
Rockefeller Grant—Biochemistry		3,100	
Special Equipment—Physiology		98	
Equipment—Public Examinations in Music		5,177	
Equipment—Public Examinations Board ..		10,288	
C.R.T.S. Equipment		74,202	
Radio Research Board		296	
Australian Atomic Energy Commission		269	
Atomic Research		485	
Atomic Research—Mining		633	
S.A. Fishermen's Co-op. Ltd.—Zoology		186	
Wellcome Fund—Microbiology		120	
Rockefeller Foundation Grant—Physical			
and Inorganic Chemistry		8,590	
Rockefeller Foundation—Grant for Zoology		3,323	
Equipment—Graduates' Union		935	
B.H.A.S. Lead Project		1,925	
Elder Conservatorium Bergonzi Viola		1,045	
Geology Consulting Fund Equipment		188	
Rockefeller—Kuru Research Equipment ..		1,455	
Carried Forward		849,083	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

	£	£
Brought Forward	849,083	
Special Equipment-Pathology	184	
Special Equipment-Physical Chemistry ..	542	
Commonwealth Postgraduate Scholarship Equipment	1,215	
N.H.M.R.C. Equipment	3,149	
M.R.C. Equipment	7,150	
Organic Chemical Research Fund Equipment	2,087	
Civil Engineering Station Wagon	1,550	
U.S. Public Health Service Grant- Microbiology	5,385	
Electrical Research Board Grant-Physics	1,045	
The Nestle Company of Australia-Child Health	71	
S.A. Tuberculosis Association	248	
C.S.R. Grant-Physical Chemistry	29	
Smith, Kline and French Laboratories- Child Health	35	
Projection Equipment-Union Hall	1,500	
	-----	<u>873,273</u>
23. <i>Library Books and Binding-</i>		
Expended to 31/12/49	80,408	
Purchased from H.M. Government of S.A. Funds	206,149	
Carnegie Corporation-Expenditure	5,967	
T. E. Barr Smith Endowment for Library	5,116	
Sir William Mitchell Endowment for Library	1,657	
Elizabeth Jackson Endowment for Library	1,225	
B.M.A. Library Expenditure	10,393	
A. M. Simpson for Library	923	
Kate Helen Weston for Library	12	
S.A. Tuberculosis Association Donation	720	
Herbert Shorney Memorial Library	205	
Institute of Physics-Donation of Library Books	58	
Australian Association of Psychiatrists- Grant to Medical Library	8	
S.A. Brewing Co.-Library Expenditure Microbiology	125	
	-----	<u>312,966</u>
24. <i>Furniture-</i>		
Furniture-General	31,006	
Furniture under £1,000	75,544	
Furniture over £1,000	1,372	
Staff Common Room	2,269	
Electric Light and Power Installation	1,814	
Mechanical Engineering Consulting Fund	253	
Economic Geology Consulting Fund	29	
	-----	<u>112,287</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1960—Continued

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£
25. Funds Held by Trustees—		
Peter Waite Trust Fund Investment	60,159	
Elizabeth MacMeikan Trust Fund Investments	18,872	
Hugh Hughes Estate—Trust Fund	36,073	
	<u>115,104</u>	
26. Land—		
Urrbrae, Claremont and Netherby Estates	42,455	
Alverstoke Estate	12,000	
	<u>54,455</u>	
27. Buildings—		
Plant Pathology House	1,650	
Plant Culture House	850	
Implement Shed and Workshop	1,126	
Cereal Barn	2,014	
Netherby Cottage	738	
Implement Shed No. 2	1,083	
Plant Culture House	5,714	
Shearing Shed	1,586	
Education Block	399	
Cool House No. 5B (Building No. 35)	8,532	
Glasshouse and Shadehouse—Rural Credits Fund	3,061	
Glasshouse No. 5—South Portion (Building No. 33)	1,079	
Extension of Plant Culture House (Wiles Prefabricated Shed)	1,767	
Prefabricated Shed Building No. 32	503	
Glasshouse No. 6 (Building No. 34)	157	
Glasshouse	2,602	
John Melrose Laboratory	16,744	
Fittings	4,186	
	<u>20,930</u>	
John Darling Laboratory	9,812	
Fittings	2,186	
	<u>11,998</u>	
Ranson Mortlock Laboratory	11,455	
Fittings	3,922	
	<u>15,377</u>	
Waite Institute (South Wing)	21,463	
Waite Institute (South Wing) Fittings	4,123	
	<u>25,586</u>	
Glasshouse No. 7	3,800	
Alterations to Urrbrae House	9,984	
Alterations to Laboratories	19,223	
Renovations to Laboratories (C.S.I.R.O. Grant)	1,581	
Alterations—Plant Pathology (Nematology) Laboratories	552	
Waite Insectary Building	490	
New East Wing	110,779	
New East Wing—Furniture and Equipment	4,382	
	<u>115,161</u>	
Carried Forward	257,543	

THE UNIVERSITY OF ADELAIDE

Schedules - Capital Accounts as at 31st December, 1960 - Continued

	£	£	£
Brought Forward ..		257,543	
Maintenance Workshop		9,532	
Agronomy Field Laboratory		10,420	
Glasshouse No. 8		4,912	
Agronomy Garage		1,170	
Waite Animal House (Agricultural Chemistry)		3,114	
Farm Garages		1,293	
		<u>287,984</u>	
28. Equipment and Furniture—			
Farm Equipment		8,775	
Laboratory Equipment		28,574	
Students' Equipment		2,148	
Farm Improvements		9,308	
Live Stock Account		1,952	
Equipment under £1,000		139,082	
Equipment over £1,000		24,726	
John Mortlock Research Station— Equipment		2,268	
Rural Credits Development Fund Equipment		10,000	
Electron Microscope		19,977	
Wool Research Equipment—Agronomy		1,447	
Wool Research Equipment—Entomology		277	
Barley Improvement Fund Equipment— Agronomy		4,470	
Barley Improvement Fund Equipment— Plant Physiology		849	
Commonwealth Wheat Research Fund Equipment			
Agricultural Chemistry		5,815	
Agronomy		4,833	
State Wheat Research Fund— Agricultural Chemistry		604	
Agronomy		1	
Anonymous Donation—Animal Science		500	
A.A.E.C.—Plant Physiology		341	
Furniture		12,762	
		<u>278,709</u>	
29. Library—			
Purchased from State Funds		29,001	
Library		11,123	
		<u>40,124</u>	
30. Current Balances—			
Petty Cash		50	
Advance Account		50	
C.S.I.R.O.—Soil Investigations		294	
Wool Research Fund		585	
Australian Wine Research		31	
Barley Improvement Fund		734	
Rural Credits Development Fund		499	
Commonwealth Wheat Fund		5,484	
Dairy Industry Research Fund		261	
State Wheat Fund		4,169	
		<u>12,157</u>	

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Adult Education</i>	Commonwealth Literary Fund
<i>Biochemistry</i>	Commonwealth Department of Health
	Rockefeller Foundation
<i>Australian Journal of Experimental Biology and Medical Science</i>	Commonwealth Department of Health
<i>Physical and Inorganic Chemistry</i>	Australian Atomic Energy Commission
	Australian Atomic Energy Commission
	Australian Institute of Nuclear Science and Engineering
	Colonial Sugar Refining Co.
	Colonial Sugar Refining Co.
	General Motors-Holden's
	I.C.I.A.N.Z.
	Monsanto Chemicals Ltd.
	Rockefeller Foundation
<i>Organic Chemistry</i>	American Chemical Society
	Damon Runyon Memorial Fund for Cancer Research
	Damon Runyon Memorial Fund for Cancer Research
	I.C.I.A.N.Z.
	Jane Coffin Childs Memorial Fund for Medical Research
	Monsanto Chemicals
	Rockefeller Foundation
<i>Child Health</i>	Commonwealth Department of Health
	The Nestle Company Aust. Ltd.
	The Life Insurance Medical Research Fund
	C.I.B.A. Company Ltd.
<i>Economics</i>	Commonwealth Bank—Economic and Financial Research Fund
	Commonwealth Bank—Economic and Financial Research Fund
	Commonwealth Bank—Rural Credits Development Fund
<i>Elder Conservatorium</i>	Australian Elizabethan Theatre Trust
<i>Civil Engineering</i>	Sundry Firms
	Department of Civil Aviation
<i>Electrical Engineering</i>	Department of Supply
	Australian Atomic Energy Commission
	C.S.I.R.O. Electrical Research Board
	Department of Civil Aviation
<i>Mining, Metallurgical and Chemical Engineering</i>	Australian Atomic Energy Commission
	Australian Atomic Energy Commission
	Broken Hill Associated Smelters Ltd.
	Albright & Wilson (Aust.) Pty. Ltd.

OF ADELAIDE

Received from Outside Sources

Nature of Grant	Estimate	
	1960 £	1961 £
Grant for Lectures on Australian Literature	501	—
N.H.M.R.C. Grant for Medical Research	2,619	1,380
Grant for Research in Biochemistry	3,100	—
N.H.M.R.C. Annual Grant	2,200	2,200
Grant for Research on Factors Affecting Rates of Solvent Extraction	—	300
Studentship	900	1,150
Grant for Research on Hot Atom Replacement Reactions	—	2,762
Grant towards Completion of GOUY Interferometer	189	250
Studentship	650	—
Postgraduate Fellowships	2,501	—
Research Fellowship	—	1,100
Grant for Research on High Polymers	633	400
Grant for Research in Biophysical Chemistry	1,436	—
Grant for a Study of "The Desulphurization Reaction and Related Topics"	1,557	2,000
Grant for the Project, "The Process of Tar Formation"	1,659	2,400
Supplementary Grant for the Purchase of Equipment	2,460	—
Research Fellowship	917	—
Grant for Expenses of Investigations by Professor G. M. Badger	3,746	3,150
Grant for Research on High Polymers	400	400
Grant towards Purchase of Equipment	2,659	—
N.H.M.R.C. Grant for Medical Research	455	1,000
Grant for Metabolic Study	162	88
Grant for Research on Coronary Blood-flow and Myocardial Metabolism	6	3,500
Grant for Research	—	575
Grant for Project, "Trade Credit in Australia"	1,896	2,100
Grant for Project, "The Australian Wage-Price Mechanism Since 1953"	—	1,350
Grant for Murray Swamps Survey	233	—
Grant to Support Opera	550	1,450
Concrete Research	—	200
Hangar Wind Loading Research	227	—
Grant for Research in Computers	2,720	4,000
Studentships	1,516	900
Grant for Research in Power Networks	225	450
Grant in Connection with Training of Electronic Engineers and for Research into Particular Problems	3,650	2,500
Studentships	4,162	2,550
Grants for Research	3,015	2,500
Grant to Sponsor Research into Production of Lead from Concentrate	2,024	1,000
Studentship in Chemical Engineering	200	200
Carried Forward	49,168	41,855

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>English</i>	Commonwealth Literary Fund
<i>Genetics and Medicine</i>	Rockefeller Foundation
<i>Geology</i>	American Petroleum Institute
	General Motors-Holden's
<i>History</i>	Social Sciences Research Council
<i>Mathematics</i>	General Motors-Holden's
<i>Mathematical Physics</i>	Australian Institute of Nuclear Science and Engineering
	Australian Institute of Nuclear Science and Engineering
	Australian Atomic Energy Commission
	General Motors-Holden's
<i>Medicine</i>	Commonwealth Department of Health
<i>Microbiology</i>	Commonwealth Department of Health
	Merck, Sharpe & Dohme Laboratories Inc.
	The Wellcome Trust
	United States Department of Health, Education and Welfare
	Nuffield Foundation
<i>Obstetrics</i>	Sandoz Ltd.
<i>Pathology</i>	Commonwealth Department of Health
<i>Physics</i>	C.S.I.R.O. Radio Research Board
	C.S.I.R.O. Electrical Research Board
	General Motors-Holden's
	Australian Atomic Energy Commission
	Rockefeller Foundation
	Philips Electrical Industries Ltd.
<i>Physics and Physical Chemistry</i>	Australian Institute of Nuclear Science and Engineering
<i>Physiology</i>	Department of Army
	Department of Air and Department of Civil Aviation
	Commonwealth Department of Health
	Life Assurance Medical Research Fund

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1960	<i>Estimate</i>
	£	£
Brought Forward	49,168	41,855
Grant for Lectures in Australian Literature	100	100
Grant for Kuru Research	1,217	4,000
Grant for Research on Dolomite Sedimentation	1,067	2,080
Postgraduate Fellowship	1,158	1,500
Grant towards Study of Christianity and Socialism in Australia	64	86
Postgraduate Studentship in Theory of Traffic Flow	—	1,200
Studentship	800	850
Grant for Theoretical Studies in Mathematical Physics	—	800
Grant for Studies in (a) Computer Codes for (n, p) and (n, 2n) Reactions, (b) Neutron Diffusion Reactions	—	2,400
Fellowship	—	1,400
N.H.M.R.C. Grant for Medical Research	4,555	4,235
N.H.M.R.C. Grant for Medical Research	2,143	2,585
Grant for Research by Professor D. Rowley	585	200
Grant to Support Work on Chemical Products of Bacteria	355	3,000
Grant for Research on Role of Opsonins in the Native Susceptibility to Infections	10,548	11,000
Grant for Work in the Field of Natural Immunity to Infectious Diseases	403	3,000
Grant for Research in Obstetrics	615	770
N.H.M.R.C. Grant for Medical Research	607	—
Meteor Trails Research	7,301	9,000
Grant for Research on Ion Mobilities	1,045	—
Postgraduate Fellowship	1,656	1,500
Studentship	1,258	850
Grant for Research on Molecular Structure	1,994	—
Postgraduate Scholarship	750	750
Grant for "Neutron Diffraction Studies of Silver Nitrate and Thallous Nitrate"	—	500
Anti-Oxidant Research	3,958	—
Aeromedical Research	8,339	6,100
N.H.M.R.C. Grant for Medical Research	4,605	2,663
Grant for Research on the Effects of Reserpine, etc., on the Levels of Circulating Vasoactive Hormones	—	3,000
Carried Forward	104,291	105,424

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Zoology</i>	Wool Research Committee
	Commonwealth Bank—Rural Credits Fund
	George Aitken Trust Fund
	The Nuffield Foundation
	S.A. Fishermen's Co-operative Ltd.
	C.S.I.R.O.
<i>Barr Smith Library</i>	S.A. Tuberculosis Association
	British Medical Association
<i>Medical Research (General)</i>	Commonwealth Department of Health

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1960 £	<i>Estimate</i> 1961 £
Brought Forward	104,291	105,424
Grant for Ecological Investigation of Pastures in the Mid-North of South Australia	3,198	3,850
Grant for Research in the Ecology of the Snail Vector of the Liver Fluke Parasite of Sheep	2,189	1,500
Grant for Research on Nematode Parasites	34	495
Grant for Research on Marsupial Genetics	1,226	1,710
Grant for Research on Crayfish	189	61
Grant from Science and Industry Endowment Fund	185	140
Grant towards Cost of Research on the Physiology of Native Mammals	—	98
Grant for Books and Periodicals Dealing with Tuberculosis	55	50
Grant for Medical Books and Periodicals	878	1,050
N.H.M.R.C. Grant to the University for Medical Research	1,500	1,500
	<u>£ 113,745</u>	<u>£ 115,878</u>

THE UNIVERSITY
Expenditure of Grants

<i>Department</i>	<i>Source of Grant</i>
<i>Waite Institute</i>	Wool Research Committee
	Wool Research Committee
	Imperial Chemical Industries of Australia and New Zealand
	Commonwealth Bank—Rural Credits Fund
	Commonwealth Bank—Rural Credits Fund
	Barley Improvement Fund
	Australian Atomic Energy Commission
	Australian Institute of Nuclear Science and Engineering
	S.A. Fruitgrowers and Market Gardeners' Association
	S.A. Fruitgrowers and Market Gardeners' Association
	The Australian Dried Fruits Association and S.A. Canning Fruitgrowers' Association
	Wheat Industry Research Council (Commonwealth)
	Wheat Industry Research Council (State)
	Dairy Industry Research Fund
	Commonwealth Department of Health
	George Aitken Trust Fund

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1960 £	<i>Estimate</i> 1961 £
Field Trial to Study Summer Nutrition of Sheep in Mediterranean Environment; and Investigations on Pasture Cockchafer	12,994	21,483
Wool Research Fellowship	822	1,150
Grant for Investigations in the Competitive Effects of Weeds in Crops and Pastures	139	—
Grant to Assist Establishment of a Readership in Animal Physiology	—	5,600
Grant to Assist Establishment of a Unit to Study Proteins in Pastures and Fodder Crops	3,914	—
Grant for Research into Barley	11,641	10,649
Grant for Research Project, "Uptake, Translocation and Deactivation by Plants of Radioactive Growth Regulators"	385	2,152
Grant for Research in "Metabolism of Pyridine Nucleotides"	—	900
Grant for Research on Economic Importance of Pea Diseases in South Australia	902	1,000
Grant for Codlin Moth Research	—	300
Grant for Research on Economic Importance of Stonefruit Diseases in South Australia	706	1,000
Grant for Wheat Improvement Research	20,616	26,550
Grant for Wheat Improvement Research	6,425	6,631
Grant for Research on Cheese Moulds	661	200
Grant Towards Quarantine Investigations	1,975	2,500
Grant for Pastoral Research	113	—
	<u>£ 61,293</u>	<u>£ 80,115</u>

SUMMARY

NORTH TERRACE	113,745	115,878
WAITE INSTITUTE	61,293	80,115
Total Grants from Outside Sources	<u>£ 175,038</u>	<u>£ 195,993</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME	£
ANTI-CANCER—	
Annual Grant from H.M. Government of South Australia	6,000
Income from Neale Endowment	1,000
Income from R. F. Mortlock Endowment ...	192
Income from E. F. Hern Endowment	37
Income from C. V. Crocombe Endowment	118
Income from R. T. Melrose Endowment ...	73
Income from J. Grinberg Endowment	3
Income from H. L. Heuzenroeder Endowment	90
Income from Hoare Estate ...	304
Income from M. August Endowment	58
Income from Emma Jeffress Endowment	193
Income from Ruby Chambers Endowment	15
Income from O. E. Braund Endowment	70
Interest on Lord Mayor's Fund	1,020
Interest on Sundry Endowments (£3,256)	103
Linear Accelerator Treatment Fees	1,657
Donations	160
Sale of Radon	407
Cytological Service Income	2,188
Deficit, 1960	8,723
	£ 22,411
UNION FEES—	
Fees Received for Year 1960	36,794
	£ 36,794
ADULT EDUCATION—	
Grant by H.M. Government of South Australia	18,250
Fees: Tutorial Classes	5,095
Schools and Special Courses ...	6,731
Sundry Receipts	315
	£ 30,391
EDWARD NEALE TRUST FUND—	
Income for the Year 1960	£ 1,000

OF ADELAIDE
ACCOUNTS FOR THE YEAR 1960

EXPENDITURE

£

ANTI-CANCER—

Salaries	13,318
Payroll Tax and Insurance	320
Radon Expenses	66
Library	359
Equipment	45
Sundries	566
Patients' Transport	88
Linear Accelerator Maintenance	272
Grant to Department of Organic Chemistry	900
Grant to Department of Agricultural Chemistry	3,547
Expenses of Visiting Lecturer—Dr. Lederman	759
Grant towards 3rd Australian Conference on Radiation Biology	200
Cytological Services—Expenditure	1,971

£ 22,411

UNION FEES—

Paid to Union Council	36,349
Refunded to Students	445

£ 36,794

ADULT EDUCATION—

Administrative Salaries	11,875
Honoraria—Tutors and Lecturers	8,734
Pay Roll Tax and Insurance	490
Tutors' Travelling Expenses	113
Travelling Expenses	284
Travelling Expenses—New Appointments	235
Printing and Programmes	665
Advertising	233
Library	419
Administration Expenses	816
Schools and Courses Expenses	4,280
Tutorial Class Expenses	220
Furniture and Equipment	129
Car Expenses	412
Depreciation on Motor Vehicles	250
Miscellaneous Expenditure	374
Surplus Transferred to University 1960 Surplus Account	862

£ 30,391

EDWARD NEALE TRUST FUND—

Transferred to Anti-Cancer Fund, 1960	<u>£ 1,000</u>
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THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME		£
MEDICAL RESEARCH COMMITTEE—		
N.H.M.R.C. Grant		1,500
Sheridan Income Account		9,430
Sewell Myers Income Account		1,075
G. M. Dowling Income Account		3,196
J. T. Mortlock Income Account		1,030
Jean B. Reid Income Account		853
Transfer of Equipment		150
		£ 17,234
PUBLIC EXAMINATIONS BOARD—		
Balance 1st January, 1960		8,675
Fees Received for Year 1960		43,628
Sundry Income		2,084
		£ 54,387
BOARD OF PUBLIC EXAMINATIONS IN MUSIC—		
Balance 1st January, 1960		13,402
Fees Received for Year 1960		8,127
		£ 21,529
PHARMACY—		
Pharmaceutical Society Grant for Pharmacy Classes		1,250
Reimbursement of Salaries and Laboratory Expenses by Pharmaceutical Society of South Australia		8,506
Pharmacy Fees		339
		£ 10,095

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1960 - Continued

EXPENDITURE

£

MEDICAL RESEARCH COMMITTEE—

Salaries, Payroll Tax and Insurance	5,841
Departmental Expenditure—	
Physiology	2,317
Pathology	129
Dentistry	1,125
Medicine	1,381
Biochemistry	1,328
Anatomy	83
Obstetrics	1,015
Obstetrics and Dentistry	28
Microbiology	1,183
Child Health	2,604
Grant to Australian Journal of Experimental Biology and Medical Science	200

£ 17,234

PUBLIC EXAMINATIONS BOARD—

Salaries	9,013
Examiners, Supervisors and Local Secretaries	22,233
Printing and Stationery	8,462
Furniture	3,004
Hire of Halls	486
Postages and Petty Cash	209
Sundries	613
Administration Charges	1,692
Balance 31st December, 1960	8,675

£ 54,387

BOARD OF PUBLIC EXAMINATIONS IN MUSIC—

Clerical Expenses	1,181
Printing and Stationery	480
Examiners and Supervisors Fees and Travelling Expenses	786
Sundries	482
Scholarships and Prizes	104
Organist	50
A.M.E.B. Adjustments	112
Administration Charges	812
Balance 31st December, 1960	17,522

£ 21,529

PHARMACY—

Salaries	6,871
Printing and Stationery	162
Laboratory Maintenance	£ 1,709
Add Reimbursement due 1/1/60	15
Transferred to University Income and Expenditure Account—	1,724
Fees	339
Unexpended Balance of Grant	999

1,338£ 10,095

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME

£

HOSPITAL FEES—

Fees—Medicine 10,711

£ 10,711

RESIDENTIAL COLLEGES—

Commonwealth Grant through H.M. Government of South Australia £ 12,100

£ 12,100

2011.0.3

CALENDAR OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1961

PART IV

1. Regulations—

Degree of Bachelor of Arts - - - - -	553
Associate in Arts and Education - - - - -	560
Diploma in Education - - - - -	562
Degree of Master of Arts - - - - -	565
Degree of Master of Education - - - - -	567
Degree of Doctor of Letters - - - - -	568
Degree of Bachelor of Economics - - - - -	569
Degree of Master of Economics - - - - -	574
Degree of Master of Business Management - - - - -	575
Degree of Bachelor of Science - - - - -	577
Degree of Master of Science - - - - -	583
Degree of Doctor of Science - - - - -	585
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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);
Ancient History (8);
Comparative Philology (9);
French I (31), II (32), and III (33);
German IA (40), I (41), II (42), and III (43);
English I (21), II (22), and III (23);
History IA (51), IB (52), IC (53), IIA (54), IIB (55),
IIIA (56), and IIIB (57);
Politics I (61), IIA (62), IIB (63), IIIA (64), and IIIB (65);
Economics I (151), II (152), and III (153);
Social Economics (150);
Geography I (91), II (92), and III (93);
Economic Geography (95);
Philosophy I (71), II (72), IIIA (74), and IIIB (75);
Psychology IA (80), I (81), IIA (82), IIB (83), IIIA (84), and
IIIB (85);
General Mathematics (201), Mathematics I (202), and II
(203), Pure Mathematics II (204), and III (207);
Statistical Methods (206), and Mathematical Statistics (209);
Music I (141), II (143), and III (145).

Science Subjects:

Applied Mathematics II (205), and III (208);
General Physics (221), Physics I (223), and II (224);
Chemistry I (231), Chemistry II (235), Physical and In-
organic Chemistry II (233), and Organic Chemistry II
(236);
Botany I (261) and II (262);
Zoology I (271) and II (274);
Geology I (251) and II (252);
Biology (269);
Genetics I (296).

Each of the above-mentioned divisions of a subject (e.g., Greek I) or an undivided subject (e.g. Comparative Philology) is a course in that subject, except that Greek II counts as two courses.

* Amended 15th January and 28th July, 1959, and 17th December, 1959, and further amendment pending at time of printing.

Subject which may be counted for the degree only by candidates who have qualified for the Diploma in Social Science or the Diploma in Social Studies:

Sociology (852).

*3. A candidate for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:

- (a) Classics (11),
- (b) Latin (12),
- (c) English Language and Literature (28),
- (d) French Language and Literature (38),
- (e) History (58),
- (f) Economics (158),
- (g) Geography (98),
- (h) Philosophy (78),
- (i) Mathematics (211),
- (j) German Language and Literature (48),
- (k) Politics (68),
- (l) Psychology (87),

or in a combined school approved by the Faculty and including such subjects of two schools as shall be deemed equivalent to those of a single school.

A candidate desiring to enter for an Honours school must obtain the approval of the Head of the school concerned. The final examination may not, except by special permission of the Faculty, be taken until four years of study have been completed after matriculation.

The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class	Second Class	Third Class
	Division I	
	Division II	

A candidate who fails to obtain Honours may be awarded the Ordinary degree provided that he has in all other respects completed the work for the Honours degree.

A candidate who is unable to complete the course for the Honours degree or whose work is unsatisfactory at any stage of the course may be allowed or required by the Faculty to take the course for the Ordinary degree, and may, as the Faculty shall in each case determine, count as courses or sequences of courses towards that degree such courses or sequences of courses as he may have completed in subjects that are not common to the two degrees, provided that he complies in all other respects with the requirements for the Ordinary degree.

4. A candidate for the Ordinary degree shall attend lectures regularly and pass examinations in ten of the courses set out in Regulation 2; the ten courses required for the degree shall comply with the prescriptions laid down in the schedules.

*Amended 11th November, 1954, 25th August, 1955, 22nd December, 1955, 9th January, 1958, and 28th July, 1959.

5. Schedules defining the range of study and the examinations to be passed by candidates for either the Honours degree or the Ordinary degree shall be drawn up from time to time by the Faculty and submitted to and approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.

6. Except by permission of the Faculty a candidate shall not proceed to a course for which he has not completed the pre-requisite courses prescribed in the syllabuses.

7. A candidate may be excused attendance at lectures in any subject in which he desires to be examined, but only upon grounds approved by the Council. Exemption in more than two subjects in any one year will be allowed only in exceptional circumstances.

8. A candidate shall do such written or practical work as may be prescribed by the Professor or Lecturer.

*9. Except in special cases approved by the Council the annual examinations shall take place towards the end of the academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned. Written or practical work done by candidates by direction of the Professors or Lecturers and the results of terminal or other examinations in a subject may be taken into consideration at the final examination in that subject.

10. A candidate who fails to pass in a subject and who desires to take the subject again shall again attend lectures and do practical work in the subject to the satisfaction of the Professors and Lecturers, unless exempted therefrom by the Faculty of Arts.

†11. A candidate who has twice failed to pass the examination in any subject or division of a subject may not enrol for that subject again except by special permission of the Faculty and then only under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Dean as adequate, to attend all or part of an annual examination (or a supplementary examination if granted) after having enrolled for at least two terms in that year, shall be deemed to have failed to pass the examination.

12. A candidate who has passed equivalent examinations in the University or otherwise and who desires that the examinations which he has passed should be counted *pro tanto* for the degree of Bachelor of Arts, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.

* Allowed 20th December, 1956; amended 15th January, 1959.

† Awaiting allowance at time of printing.

13. No graduate who has obtained the Honours degree of Bachelor of Science in the School of Mathematics may obtain the Honours degree of Bachelor of Arts in that school, and no graduate who has obtained the Honours degree of Bachelor of Economics may obtain the Honours degree of Bachelor of Arts in the School of Economics.

†14. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Allowed 18th October, 1956. Allowed 17th January, 1952.

Schedules made by the Council under Regulations 5 and 14

SCHEDULE I: THE HONOURS DEGREE

1. Every candidate for an Honours degree shall pass in Course I in a language other than English or in an examination in a language other than English approved by the Faculty.

2. Except in special circumstances approved by the Council, a candidate must complete, before the year in which he presents himself for the final Honours examination, the following courses:

- (a) For the Honours degree in Classics:
Greek I, II and III;
Latin I, II and III;
Comparative Philology;
English I.
- (b) For the Honours degree in Latin:
Latin I, II and III;
Greek I;
Three other courses, of which at least two must be in sequence.
Instruction will be offered in Elementary Greek.
- (c) For the Honours degree in English Language and Literature:
There shall be alternative schemes of study: A and B.
Scheme A:
English I, II and III;
Old and Middle English I and II;
Three additional courses approved by the Professor of English Language and Literature, including at least one course in a language other than English.

Scheme B:

- English I, II and III;
- A sequence of three courses in another subject approved by the Professor of English Language and Literature;
- Two additional courses approved by the Professor of English Language and Literature.
- Course I in a language other than English must be presented as one of the five elective courses.

- (d) For the Honours degree in French Language and Literature:
 French I, II and III;
 Old and Middle French I and II;
 Courses I and II in another subject for the ordinary degree;
 One additional course.
 Latin I must be taken by all students who have not already passed in it or in Latin at the Leaving Honours Examination.
- (e) For the Honours degree in History:
 History I (A or B or C), II (A or B), IIIA;
 An examination in a language other than English approved by the Faculty;
 Five other courses approved by the Professor of History, which must ordinarily include a second third-year course.
- (f) For the Honours degree in Economics:
 Economics I, II and III;
 Five other courses approved by the Professor of Economics including a third-year course in a subject other than Economics;
 An examination in a language other than English approved by the Faculty.
- (g) For the Honours degree in Geography:
 Geography I, II and III;
 Course I of any Science subject specified in Regulation 2;
 Courses I, II and III in History, Economics or some other subject approved by the Faculty: provided that a candidate who wishes to present Geology II may do so in lieu of Course III in this subject;
 Course I in a language other than English.
- (h) For the Honours degree in Philosophy:
 Philosophy I, II, IIIA and IIIB;
 Courses I and II in another subject for the Ordinary degree;
 Two additional courses.
 Course I in a language other than English must be presented as one of the elective courses.
- (i) For the Honours degree in Mathematics:
 Mathematics I, Pure Mathematics II, Applied Mathematics II;
 Honours Mathematics III;
 Course I in a language other than English;
 Two other courses approved by the Head of the Department of Mathematics;
 Provided that a candidate may not count Pure Mathematics III or Applied Mathematics III or Honours Mathematics III towards both the Ordinary degree of Bachelor of Science and the Honours degree of Bachelor of Arts.

- (j) For the Honours degree in German:
German IA *or* I, II and III;
Older German Language and Literature I and II;
Courses I and II in another subject for the Ordinary degree;
One additional course.
- (k) For the Honours degree in Politics:
Politics I, II (A *or* B), Politics IIIA and IIIB;
History IIA;
Social Economics *or* Economics I;
Two other courses;
An examination in a language other than English approved
by the Faculty.
- (l) For the Honours degree in Psychology:
Psychology I, IIA and IIIA;
Psychology IIB and IIIB;
Courses I and II in another subject for the Ordinary degree;
One additional course.
An examination in a language other than English approved
by the Faculty unless Course I in a language other
than English is offered as one of the elective courses.

3. In addition to the courses specified in paragraph 2 of this schedule every candidate shall undertake during the second, third and fourth years of his course such Honours work as the Head of the Department shall require.

4. Except by permission of the Faculty a candidate shall take the whole of the final examination for the Honours degree at the one annual examination.

5. A candidate who before March 31, 1960, enrolled as a matriculated student may offer Education (101) as an elective course, provided that he pass in that subject before March 31, 1963.

SCHEDULE II: THE ORDINARY DEGREE

1. The ten courses presented by a candidate for the Ordinary degree shall include:
 - (a) at least one course in a language other than English, provided that a candidate whose mother tongue is not English and who has passed an examination in his mother tongue approved by the Faculty may satisfy this requirement by including a course in English;
 - (b) at least one course in a Science subject or Philosophy I, and not more than four courses in Science subjects;
 - (c) not more than four courses which have been presented for any other degree;
 - (d) not more than five of the following: Greek I, Latin I, Ancient History, French I, German IA *or* I, English I, History IA *or* IB *or* IC, Politics I, Economics I, Social Economics, Geography I, Economic Geography, Philosophy I, Psychology I *or* IA, General Mathematics *or* Mathematics I, General Physics *or* Physics I, Chemistry I, Botany I, Zoology I, Biology, Geology I, Music I;

(e) two of the following sequences of three courses each, permissible sequences being indicated by the arrows:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Greek I	→ Greek II	→ Greek III → Comparative Philology
2. Latin I	→ Latin II	→ Latin III → Comparative Philology
3. French I	→ French II	→ French III → Comparative Philology
4. German IA or I	→ German II	→ German III → Comparative Philology
5. English I	→ English II	→ English III
6. History I (A or B or C)	→ History II (A or B)	→ History III (A or B) → Politics IIIB
7. Politics I	→ Politics II (A or B)	→ Politics III (A or B)
8. Economics I	→ Economics II	→ Economics III
9. Geography I	→ Geography II	→ Geography III
10. Philosophy I	→ Philosophy II	→ Philosophy III (A or B)
11. Psychology I	→ Psychology IIA or IIB	→ Psychology IIIA or IIIB
12. Mathematics I	→ Pure Mathematics II	→ Pure Mathematics III
	→ Statistical Methods	→ Mathematical Statistics
	→ Applied Mathematics II	→ Applied Mathematics III
13. Music I	→ Music II	→ Music III

The following are permissible sequences of three courses each, for candidates who have qualified for the Diploma in Social Science or the Diploma in Social Studies:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Psychology I	→ Psychology IIB	→ Sociology
2. Social Economics or Economics I	→ History IIB	→ History III (A or B)

2. No course shall be counted twice, and a candidate shall not present both of the following pairs of subjects:

- Ancient History and Greek II;
- Ancient History and *either* Latin II or Latin III;
- German I and German IA;
- Economics I and Social Economics;
- Geography I and Economic Geography;
- Psychology I and Psychology IA;
- General Mathematics and Mathematics I;
- Mathematics II and *either* Pure Mathematics II or Applied Mathematics II.
- General Physics and Physics I.

3. A candidate may present only one of Chemistry II, Physical and Inorganic Chemistry II and Organic Chemistry II.

4. A candidate who before March 31, 1960, enrolled as a matriculated student may count Education (101), provided that he pass in that subject before March 31, 1963.

SCHEDULE III: FEES

A. Ordinary Degree of B.A.:

(1) For attendance (or re-attendance) at lectures and annual examination in each course except in Science subjects - - - -	£15 15 0
(2) For a special examination in any course -	5 5 0
(3) For an annual examination with exemption from attendance or re-attendance at lectures	7 17 6
(4) For attendance (or re-attendance) at lectures, laboratory work and annual examination in each course in a Science subject: the same fees as are prescribed in the schedule for the degree of Bachelor of Science.	

B. Honours Degree of B.A.:

(1) For such courses for the Ordinary degree as candidates are required to take: the fees prescribed in Section A.	
(2) For each of Old and Middle English I and II, Old and Middle French I and II, and Older German Language and Literature I and II	15 15 0
(3) For Honours Mathematics III - - -	31 10 0
(4) For instruction and final examination in the following schools: Classics, Latin, Politics, History, Philosophy, Mathematics, English Language and Literature (Scheme A and Scheme B), French Language and Literature, Economics, Geography, German, Psychology, each - - - -	63 0 0

Notes: 1. These fees cover all work, except courses for the Ordinary degree and interim courses provided for in B. (2) above, which the Head of the school deems necessary for the Honours course selected.

2. The cost of attendance on excursions and/or at camps is not included in the fees listed above. See separate statements on page 676.

ASSOCIATE IN ARTS AND EDUCATION REGULATIONS

*1. To qualify as an Associate in Arts and Education a candidate shall:

- (a) have matriculated; and thereafter
- (b) attend lectures regularly and pass examinations in—
 - (i) Education (101),
 - (ii) four courses set out in Regulation 2 of the degree of Bachelor of Arts,
 - (iii) professional courses as set out in Schedule I.

* Allowed 15th January, 1959; amendment awaiting allowance at time of printing.

2. A candidate will not be admitted to a course in Mathematics or in a language other than English unless he has satisfied the requirements for admission to the course as prescribed from time to time.

3. A candidate who has fulfilled these conditions shall receive a diploma which will entitle him to be styled an Associate of the University, and to use the letters A.U.A.

4. A candidate may be granted exemption from attendance at lectures on any subject of examination, but only under the conditions prescribed in Regulation 7 of the Degree of Bachelor of Arts.

†5. (a) A graduate in Arts shall not be eligible to qualify also as an Associate in Arts and Education.

(b) Except as provided for in paragraph (c) of this regulation, not more than two subjects shall be presented both for the diploma in Arts and Education and for any other degree or diploma.

* (c) Any holder of the diploma who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree subjects which he has already presented for the diploma provided:

- (i) that he fulfils the requirements for the degree in all respects, and
- (ii) that he surrenders his diploma before being admitted to the degree, and
- (iii) that Education (101) may be counted if it has been passed before March 31, 1963.

**6. (a) An unmatriculated student who enrolled before June 30, 1958, as a candidate for this diploma may qualify for the diploma under the Regulations previously in force if by the beginning of the academic year in 1960 he has passed in four of the subjects set out in Regulation 2 of the degree of Bachelor of Arts. Such a student may alternatively fulfil the requirements of Regulation 1 (b) above.

(b) Only in special circumstances may a student who has passed in less than four subjects at the beginning of the academic year in 1960 be permitted to qualify for the diploma without having fulfilled the requirements for matriculation.

‡ (c) A student holding the Leaving Certificate, including a pass in English, or having passed in five subjects including English at the Leaving Examination, or possessing an equivalent qualification approved by the Council, who enrolls as a non-graduating student before June 30, 1960, may on completing the requirements for matriculation within two years of enrolment be permitted to count towards the Associateship in Arts and Education subjects passed prior to matriculation.

Note: The Council has prescribed the fee of £5 5s. for the granting of the diploma.

† Allowed 16th December, 1948.

** Allowed 15th January, 1959.

* Allowed 15th January, 1959; amendment awaiting allowance at time of printing.

‡ Allowed 28th July, 1959.

Allowed 10th July, 1947.

SCHEDULE I: PROFESSIONAL SUBJECTS

A candidate shall, unless exempted therefrom by the Faculty, regularly attend lectures, do such written and tutorial work as may be prescribed, and pass examinations in the following subjects:

- Education Psychology IA (102);
- Practical Teaching and Methodology (103).

OF THE DIPLOMA IN EDUCATION
REGULATIONS

[NOTE: These regulations will be repealed on January 1, 1962; but a candidate who matriculated in the University on or before March 31, 1960, may at his option complete the course for the diploma under these regulations provided that he do so by February 28, 1966.]

1. There shall be a diploma in Pre-Primary Education, a diploma in Primary Education, and a diploma in Secondary Education. A candidate may take any one or more than one of the diplomas.

†2. (a) A candidate for the diploma in Pre-Primary Education or for the diploma in Primary Education shall either (i) have obtained a degree of the University in Arts, Science, Economics, or Agricultural Science, or (ii) have passed the prescribed examinations in ten courses in the Faculty of Arts, of which English I shall be one.

(b) A candidate for the diploma in Secondary Education shall be a graduate of the University in Arts, Science, Economics, or Agricultural Science.

†(c) A candidate who has obtained the degree of Bachelor of Arts or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, to proceed to the diploma in Pre-Primary, Primary or Secondary Education.

*3. To obtain the diploma a candidate shall have attended lectures and passed examinations in the following subjects:

- (a) Psychology IA (80) or I (81);
- (b) Education (101);
- (c) Hygiene (105);
- (d) Educational Psychology (116 and 117);
- (e) The Principles of Pre-Primary Education (106, 107, 108); or
The Principles of Primary Education (109, 110, 111); or
The Principles of Secondary Education (112, 113, 114);

and shall have taken a course of practical work in teaching (119) in such schools and under such supervision as have been approved by the Council.

4. A candidate may be excused attendance at lectures or practical work, but only on grounds approved by the Council.

† Allowed 14th December, 1950.

‡ Amended 17th December, 1959.

* Allowed 7th December, 1939; amended 9th January, 1958.

5. A candidate who desires that the examinations he has passed elsewhere, and the practical work he has done, should be counted *pro tanto* for the diploma in Education, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

6. Schedules defining the approved courses of study and professional work shall be drawn up from time to time by the Faculty of Arts and approved by the Council.

§7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

§ Allowed 18th October, 1956.

Allowed 8th December, 1938.

Schedule of Fees prescribed by the Council under Regulation 7

A. For attendance (or re-attendance) at lectures and annual examination:

(1) In Hygiene - - - - -	£7 17 6
(2) In Educational Psychology I and II—each part - - - - -	7 17 6
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary) I, II and III—each part - - - - -	7 17 6

B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -

3 18 9

C. For the course in Practical Teaching - - - - -

7 17 6

D. For the Diploma - - - - -

5 5 0

OF THE DIPLOMA IN EDUCATION REGULATIONS

[NOTE: These regulations will come into force on January 1, 1962.]

1. There shall be a postgraduate Diploma in Education.

2. Except as provided for in Regulation 3 a candidate for admission to the course for the diploma shall have been admitted to a degree of the University or to a degree of another University accepted for the purpose by the University.

3. A candidate who in the year immediately preceding the year in which he wishes to be admitted to the course for the diploma failed in only one subject necessary for the completion of any Ordinary degree of the University may, with special permission of the Faculty, be admitted to the course for the diploma if in the same year he enrolls for a subject necessary for the completion of his degree. The diploma will not be conferred upon the candidate until he has been admitted to the degree.

4. To qualify for the diploma a candidate shall:
- (a) satisfactorily complete a course of full-time study extending over at least one year or of part-time study extending over at least two years; and
 - (b) satisfy the University in a course of practical teaching.
5. The course of study and the fees to be paid by the candidate shall be prescribed in schedules which shall be drawn up from time to time by the Faculty of Arts and approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.
6. A candidate who desires that the examinations which he has passed in the University or in another University should be counted *pro tanto* for the Diploma in Education, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.
7. A candidate for the diploma by part-time study who desires that his experience as a teacher should exempt him from a course of practical teaching may on written application be granted such exemption provided that he satisfies the University that he is a proficient teacher.
8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not enrol for that subject again except by special permission of the Faculty and then only under such conditions as the Faculty may prescribe.
- For the purpose of this regulation a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Dean as adequate, to attend all or part of an annual examination (or supplementary examination if granted) after having enrolled for at least two terms in that year, shall be deemed to have failed to pass the examination.
9. A candidate who complies with the foregoing conditions and satisfies the examiners shall be awarded the Diploma in Education.
10. These regulations shall come into force, and all existing regulations shall be repealed, on January 1, 1962. However, a candidate who matriculated in the University on or before March 31, 1960, may at his option complete the course for the diploma under the regulations in force in 1960, provided that he do so by February 28, 1966.

Awaiting allowance at time of printing.

Schedules made by the Council under Regulation 5

SCHEDULE I: COURSES OF STUDY

A candidate shall, unless exempted therefrom by the Faculty, regularly attend lectures, do such written and tutorial work as may be prescribed, and pass examinations in the following subjects:

- Theory of Education I (121);
- History of Education I (122);
- Sociology of Education I (123);
- Educational Psychology I (124).

He shall also, unless exempted therefrom by the Faculty, regularly attend such courses of instruction and do such practical and written work as may be prescribed from time to time and satisfy the examiners in:

Practical Teaching and Methodology (125).

Note: A candidate for the Diploma in Education who has been awarded the Associateship in Arts and Education will be exempted from History of Education I (122) and Practical Teaching and Methodology (125) in the course for the Diploma in Education.

The same measure of exemption will be granted to students who enrolled for the Associateship under the schedules in force in 1959.

SCHEDULE II: FEES

A. For attendance (or re-attendance) at lectures and annual examination in each subject	-	-	-	£10	10	0
B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures	-	-	-	5	5	0
C. For the course in Practical Teaching and Methodology	10	10	0			
D. For the Diploma	5	5	0			

OF THE DEGREE OF MASTER OF ARTS REGULATIONS

†1. A Bachelor of Arts may proceed to the degree of Master of Arts by complying with the following regulations, but may not be admitted to the degree until the expiration of two academic years from the date of his admission to the Ordinary degree or one year from the date of his admission to the Honours degree of Bachelor of Arts:

Provided that, subject to the approval of the Council, the Faculty may, in special cases, and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University, but has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

*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.

† Amendment awaiting allowance at time of printing.

* Allowed 14th December, 1944.

3. Every candidate shall either

- §(a) present a satisfactory thesis on a subject approved by the Faculty of Arts, and shall, if required, adduce sufficient evidence that the thesis is his own work; provided that in Classics or Mathematics a candidate may present himself for an examination in lieu of presenting a thesis; or
- (b) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work selected from two departments within the Faculty, and approved by the Faculty.

‡ For the purpose of section (b) of this regulation, the following combined courses are approved by the Faculty:—Philosophy and Mathematics, Philosophy and Greek, Philosophy and English Language and Literature, Philosophy and Politics, Philosophy and History, Politics and History, Politics and Classics, History and Classics, Politics and Economics, History and Economics, History and English Language and Literature, English Language and Literature and Latin, English Language and Literature and Greek, Mathematics and Greek, Latin and French, English Language and Literature and French, French and History, French and Philosophy.

The Faculty will consider applications for permission to take combined courses other than those set out above.

††4. Candidates who have obtained the degree of Bachelor of Arts or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, and provided that they comply with Regulation 2, to proceed to the degree of Master of Arts.

‡5. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.*

**6. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

7. All previous regulations of the degree of Master of Arts are hereby repealed. Candidates who have graduated as Bachelors of Arts in or before the year 1930 and who wish to proceed under the regulations hereby repealed must apply to the Council to have their position defined. In any case, all candidates proceeding under the regulations hereby repealed must complete the course not later than December, 1933.

‡ Allowed 11th November, 1954.

§ Amended 14th December, 1950.

†† Allowed 17th December, 1931.

** Allowed 18th October, 1956.

‡ Awaiting allowance at time of printing. Allowed 10th December, 1930.

* These directions are published on page 687.

Schedule of Fees prescribed by the Council under Regulation 6

A. Under Regulation 2 (b and c):	
(1) For instruction in courses other than those provided for the Ordinary or Honours degree of B.A. - - - - -	£31 10 0
(2) For guidance without instruction - - - - -	15 15 0
B. Under Regulation 3:	
On approval of the subject of the thesis or on beginning the course of study - - - - -	10 10 0
C. On submission or re-submission of the thesis - - - - -	10 10 0
D. On admission to the degree - - - - -	10 10 0

OF THE DEGREE OF MASTER OF EDUCATION
REGULATIONS

1. There shall be a degree of Master of Education.
2. A candidate for admission to the course for the degree shall:
 - (a) have been admitted to a degree of the University or to a degree of another University accepted for the purpose by the University; and
 - (b) hold the Diploma in Education of the University or a qualification accepted by the University as equivalent; and
 - (c) have had at least three years' experience in teaching or in some other educational work approved by the University.
3. To qualify for the degree a candidate shall:
 - (a) satisfactorily complete a course of study extending over at least one year of full-time study or at least two years of part-time study; and
 - (b) subsequently present a satisfactory thesis on a subject approved by the Faculty of Arts.
4. Schedules defining the course of study and prescribing the fees to be paid by candidates shall be drawn up from time to time by the Faculty of Arts and shall be approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.
5. A candidate for the degree by part-time study shall be examined in any year in not more than half the subjects of the course of study.
6. A candidate shall, within six months from the date of satisfactorily completing the course of study, submit the subject of his thesis for approval by the Faculty of Arts. The Faculty shall appoint a supervisor to guide the candidate in his work.
7. A candidate shall present his thesis within four calendar years, but not earlier than one calendar year, from the date of the approval of his subject by the Faculty.

8. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.*

9. (a) The Faculty of Arts shall appoint examiners of the thesis, of whom at least one shall be an external examiner.

(b) At the discretion of the examiners a candidate may be examined orally on his thesis and may also be required to pass a written examination connected with the subject of his thesis.

10. A candidate who desires that examinations which he has passed in the University or in another University should be counted *pro tanto* for the degree of Master of Education, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.

11. A candidate who complies with the foregoing conditions and satisfies the examiners shall, on the recommendation of the Faculty of Arts, be admitted to the degree of Master of Education.

Awaiting allowance at time of printing.

* These directions are published on page 687.

Schedules made by the Council under Regulation 4

SCHEDULE I: COURSES OF STUDY

A candidate shall, unless exempted therefrom by the Faculty, regularly attend lectures, do such written and tutorial work as may be prescribed, and pass examinations in the following subjects:

Theory of Education II (131);
Sociology of Education II (133);
Educational Psychology II (134);
History of Education II (132); or Comparative Education (135).

SCHEDULE II: FEES

A. For attendance (or re-attendance) at lectures and annual examination in each subject	-	-	-	-	£15	15	0
B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures	-	-	-	-	7	17	6
C. On submission or re-submission of the thesis	-	-	-	-	10	10	0
D. On admission to the degree	-	-	-	-	10	10	0

OF THE DEGREE OF DOCTOR OF LETTERS REGULATIONS

1. A person who is
(a) a Bachelor of Arts, with Honours, of four years' standing, or
(b) the holder of any Master's degree of three years' standing, or
(c) the holder of any Doctor's degree
in the University of Adelaide, may proceed to the degree of Doctor of Letters by complying with the following regulations.

2. To qualify for the degree a candidate shall furnish satisfactory evidence that he has made an original, substantial and scholarly contribution to some branch of letters.

The degree shall be awarded primarily on a consideration of such of his published works as a candidate may submit for examination, but the examiners may take into account any unpublished original work that he may submit in support of his candidature.

The Faculty of Arts, if it approve of the subject or subjects of the work submitted, shall nominate examiners, of whom one at least shall be an external examiner.

Every candidate in submitting his published and unpublished work shall acknowledge the main sources from which his information is derived and the extent to which he has availed himself of the work of others. He shall also state in general terms the grounds of his claims to have made an original contribution.

†3. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in subparagraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar will transmit two of the copies to the University Library.

4. A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Arts, be admitted to the degree of Doctor of Letters.

*5. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Awaiting allowance at time of printing. ° Allowed 18th October, 1956.
Allowed 11th November, 1954.

Schedule of Fees prescribed by the Council under Regulation 5

A. On approval of the subject of the work	-	-	-	-	£31	10	0
B. On admission to the degree	-	-	-	-	10	10	0

OF THE DEGREE OF BACHELOR OF ECONOMICS REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Economics. A candidate may obtain either degree or both.

2. The course of study for the Ordinary degree shall extend over three years and that for the Honours degree over four years. A candidate for the Ordinary degree shall attend lectures and pass examinations in accordance with the provisions of Schedule I; a candidate for the Honours degree shall attend lectures and pass examinations in accordance with the provisions of Schedule II.

*3. There shall be three classifications of pass at an annual examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be

* Allowed 22nd December, 1955.

arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

4. The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

- First Class
- Second Class
 - Division A
 - Division B
- Third Class

A candidate who fails to obtain Honours may be awarded the Ordinary degree provided that he has in all other respects completed the work for the Honours degree.

5. No graduate who has obtained the Honours degree of Bachelor of Arts in the school of Economics may obtain the Honours degree of Bachelor of Economics.

6. Except by permission of the Faculty a candidate shall not proceed to a subject for which he has not completed the pre-requisite subjects or preparatory work as prescribed in the syllabuses.

7. A candidate shall do such written or practical work in any subject as may be prescribed by the professor or lecturer concerned.

8. A candidate may be exempted from attendance at lectures in any subject approved by the Faculty, but only upon grounds approved by the Council. Exemption from attendance at lectures in more than two subjects in any one year will be allowed only in very exceptional circumstances.

*9. The annual examinations shall be held towards the end of each academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

10. Written or practical work done by candidates by direction of the professor or lecturer concerned and the results of terminal or other examinations held during the year may be taken into consideration at the final examination in any subject.

11. A candidate who fails to pass in any subject shall again attend lectures and do written or practical work in that subject to the satisfaction of the professor or lecturer concerned, unless granted exemption from doing so by the Faculty.

12. A candidate who has twice failed to pass the annual examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is

*Allowed 20th December, 1956.

approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who has failed to comply with the provisions of Regulation 9 shall be deemed to have failed to pass the examination.

13. A candidate who has passed equivalent examinations in the University or otherwise and who desires that the examinations which he has passed should be counted *pro tanto* for the degree of Bachelor of Economics, may, on written application, be granted such exemption from the requirements of these regulations as the Council may determine.

14. Not more than four subjects which have been presented for any other degree or for any diploma other than the diploma in Commerce or the diploma in Public Administration may be counted towards the degree of Bachelor of Economics.

A candidate who holds the Diploma in Commerce or the Diploma in Public Administration may be granted such status in the course for the degree of Bachelor of Economics as the Faculty shall in each case determine; Provided that if status be granted for more than four subjects the candidate shall surrender his Diploma before being admitted to the degree.

15. If in any year the number of students desiring to attend lectures in any subject be fewer than a minimum fixed by the Council, the course of lectures in that subject may be suspended for that year.

16. Schedules defining the course of study, including lectures and practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Economics and be submitted to and approved by the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine and shall be published in the next University calendar which is issued after that approval has been given.

17. A candidate who by December, 1951, had matriculated and passed in at least four subjects in the course for the degree of Bachelor of Economics under the regulations hereby repealed may complete the course for the degree under those regulations provided that he does so not later than December 31, 1956.

Allowed 17th January, 1952.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATIONS 2 AND 16

SCHEDULE I—THE ORDINARY DEGREE

1. The subjects for the Ordinary degree shall be:

Economics I, II, III;
Economic Statistics I, II;

Economic Development I, II;
 Economic Theory;
 Economic Geography;
 Elements of Accounting, Management Accounting, Financial Accounting;
 Commercial Law A, B;
 Arts subjects as listed for the Ordinary degree of Bachelor of Arts except for the Science subjects.

2. Except as provided for in Clause 3, a candidate for the Ordinary degree shall pass in eleven subjects. There shall be alternative schemes of study as follows:

Scheme A (Commerce):

Economics I, II, III;
 Economic Statistics I;
 Economic Development I;
 Economic Geography or General Mathematics or Mathematics I;
 Elements of Accounting, Management Accounting;
 Financial Accounting (or in special cases,* by approval of the Dean, another subject);
 Commercial Law A;
 Commercial Law B (or in special cases,* by approval of the Dean, another subject).

Scheme B (General Economics):

Economics I, II, III;
 Economic Statistics I;
 Economic Development I, II;
 Economic Geography or General Mathematics or Mathematics I;
 Elements of Accounting;
 Three subjects, approved by the Dean, provided that not more than two shall be first year subjects.

Provided that:

- (i) no candidate may present Economic Development I and History IB, or Economic Geography and Geography I; and
- (ii) by approval of the Dean, Geography I may be presented *in lieu* of Economic Geography when the student intends to proceed to Geography II.

3. A graduate in another Faculty of the University of Adelaide may be exempted by the Dean as follows:

Under Scheme A: from three of the subjects of Economic Geography, Commercial Law A, Commercial Law B, and Financial Accounting;

Under Scheme B: from the "three subjects".

If such exemption is granted the candidate may not present for the degree of Bachelor of Economics more than one other subject already passed in any other Faculty.

4. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

* It is the intention of the Faculty that these special cases will be limited to candidates who, having embarked on one scheme, wish at the end of their first year to transfer to the other scheme.

5. Candidates who have completed subjects for the degree prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

SCHEDULE II—THE HONOURS DEGREE

1. A candidate for the Honours degree shall:

(a) pass in ten subjects prescribed for the Ordinary degree as follows:

Economics I, II, III;
Economic Statistics I;
Economic Development I;
Economic Geography or General Mathematics or Mathematics I;
Elements of Accounting;
Three subjects approved by the Dean.

Provided that:

(i) no candidate may present Economic Development I and History IB, or Economic Geography and Geography I; and

(ii) by approval of the Dean, Geography I may be presented *in lieu* of Economic Geography when the student intends to proceed to Geography II;

(b) undertake in the first three years such preliminary Honours work and pass in such examinations on that work as the Professor of Economics may prescribe**; and

(c) devote a further year to the study of, and pass examinations in, such additional work in Economics and in allied subjects as the Professor of Economics may prescribe.

2. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

3. Candidates who have completed subjects for the degree prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean provided that a candidate shall not lose credit for a subject already completed.

** Except in special cases, preliminary Honours work will not be undertaken before the third year.

SCHEDULE III—FEES

A. For attendance (or re-attendance) at lectures and annual examination:

(1) For subjects which are included in the schedule for the degree of Bachelor of Arts: the fees prescribed in that schedule.	
(2) For each other subject - - - - -	£15 15 0
(3) For a special examination in any subject -	5 5 0
(4) For an annual examination with exemption from attendance (or re-attendance) at lectures - - - - -	7 17 6

B. For the Honours work and final Honours examination in Economics - - - - -

63 0 0

OF THE DEGREE OF MASTER OF ECONOMICS
REGULATIONS

1. A Bachelor of Economics may proceed to the degree of Master of Economics by complying with the following regulations, but may not be admitted to the degree until the expiration of two academic years from the date of his admission to the Ordinary degree or one academic year from the date of his admission to the Honours degree of Bachelor of Economics.

2. A candidate for the degree of Master of Economics must—

- (a) have obtained the Honours degree of Bachelor of Economics; or
- (b) have passed an examination of standard equivalent to that required for the Honours degree of Bachelor of Economics; or
- (c) present evidence which satisfies the Faculty of Economics that he may be exempted from the whole or part of the foregoing examination.

3. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis. The Faculty of Economics if it approve the subject of his research may appoint a supervisor to guide the candidate in his work.

4. The Faculty shall appoint a Board of Examiners to report upon the thesis.

5. A candidate who has obtained the degree of Bachelor of Economics or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, and provided that he complies with Regulation 2, to proceed to the degree of Master of Economics.

†6. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.*

7. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall on the recommendation of the Faculty of Economics be admitted to the degree of Master of Economics.

†8. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Awaiting allowance at time of printing.

‡ Allowed 18th October, 1956.

Allowed 22nd January, 1953.

* These directions are published on page 687.

Schedule of Fees prescribed by the Council under Regulation 8

A. Under Regulation 2 (b and c):

(1) For instruction in courses other than those provided for the Ordinary or Honours degree of Bachelor of Arts or Bachelor of Economics	£31 10 0
(2) For guidance without instruction	15 15 0
B. On approval of the subject of the thesis	10 10 0
C. On submission or re-submission of the thesis	10 10 0
D. On admission to the degree	10 10 0

OF THE DEGREE OF MASTER OF BUSINESS
MANAGEMENT
REGULATIONS

1. There shall be a degree of Master of Business Management.
2. A candidate for admission to the course of study for the degree shall:
 - (a) be a graduate of the University of Adelaide (or of another university recognised for the purpose by the University of Adelaide);
 - (b) have completed such preliminary courses of study as may be prescribed in the schedules;
 - (c) have had at least two years' experience in business, public service or other field of employment approved by the Faculty of Economics;
 - (d) give notice of his intended candidature at least six calendar months before the beginning of the term in which the candidate wishes to enrol;
 - (e) obtain the approval of the Faculty of Economics for his candidature.
3. The maximum number of candidates which may be enrolled in any course for the degree shall be determined from time to time by the Council on the recommendation of the Faculty of Economics; and courses will not be provided unless a sufficient number of students has enrolled.
4. To qualify for the degree a candidate shall:
 - (a) attend classes and pass at the first attempt examinations in courses as prescribed in the schedules and extending over one year of full-time study or two years of part-time study; and
 - (b) subsequently, as prescribed in the schedules, present a satisfactory thesis of masterate standard on a subject approved by the Faculty of Economics.
5. If in the opinion of the Faculty of Economics a candidate for the degree is not making satisfactory progress the Faculty may with the consent of the Council withdraw its approval of his candidature and the candidate shall cease to be enrolled for the degree.

6. A candidate shall not be permitted to present himself for examination, unless he has regularly attended the prescribed classes and has completed satisfactorily such written and practical work as may be required.

7. The Faculty of Economics shall appoint a Board of Examiners to conduct the examinations required under Regulation 4.

8. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.*

9. Schedules defining the preliminary courses of study, the courses of study for the degree, the examinations to be passed and the fees to be paid by candidates shall be drawn up from time to time by the Faculty of Economics and approved by the Council.

10. A candidate who complies with the foregoing conditions and satisfies the examiners shall, on the recommendation of the Faculty of Economics, be admitted to the degree.

11. These regulations shall come into force at a date to be determined by the Council.

Awaiting allowance at time of printing.

* These directions are published on page 687.

Schedules made by the Council under Regulations 2, 4 and 9

SCHEDULE I: PRELIMINARY COURSES OF STUDY

A candidate shall not be admitted to the course of study for the degree unless he has completed the following preliminary requirements:

1. A candidate who does not hold the degree of Bachelor of Economics (including a pass in the subject Management Accounting) must have completed and passed examinations in the following subjects or their equivalents:

Economics (Engineering);
Management Accounting (Engineering);
Economic Statistics I.

2. A candidate who does not hold the degree of Bachelor of Engineering must have completed and passed the examination in the following subject or its equivalent:

Mathematics I.

SCHEDULE II: COURSES OF STUDY

1. A candidate for the degree of Master of Business Management shall satisfactorily complete the following courses of study:

Social and Political Institutions and Thought;
Economic Institutions and Policy;
Economic and Accounting Analysis;
Business Statistics;
Human Relations;
Decision-making.

2. A candidate for the degree by part-time study shall plan his studies so that all the courses are completed in two years, each year's programme being subject to approval by the Faculty. Courses of study shall commence at the beginning of the third term each year and each course shall extend over three terms. Examinations shall be conducted at the end of the term in which courses are completed.

3. Each candidate will be required to do during University vacations such work as may be prescribed.

4. The thesis shall be submitted within two calendar years but not earlier than twelve months from the date of passing the examinations under Clause 2 of this schedule or from the date of approval of the subject of the thesis, whichever is the later.

SCHEDULE III: FEES

A. Annual fee for seminar courses:			
Full-time candidates - - - - -	£63	0	0
Part-time candidates - - - - -	31	10	0
B. On entry for the examination - - - - -	10	10	0
C. On approval of the subject of the thesis - - - - -	10	10	0
D. On presentation or re-presentation of the thesis - - - - -	10	10	0
E. On admission to the degree - - - - -	10	10	0

OF THE DEGREE OF BACHELOR OF SCIENCE REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Science. A candidate may obtain either degree or both.

2. The course of study for the Ordinary degree shall extend over three academic years and that for the Honours degree over four academic years.

3. (a) In these regulations and in schedules made under them by the Council the word "subject" means a course of study at the University normally completed in one academic year. In syllabuses, if the context so requires, it may mean alternatively a subject at one of the Public Examinations conducted by the University.

(b) The Council, after receipt of advice from the Faculty of Science, shall from time to time prescribe schedules defining (i) the subjects of study for the degree to be provided by the University, (ii) the range of subjects (including lecture courses, laboratory courses and other practical work) to be satisfactorily completed and the examinations to be passed by candidates, and (iii) the fees to be paid by candidates.

(c) Such schedules shall become effective from the date of prescription by the Council or such other date as the Council may fix.

(d) The syllabuses of subjects shall be specified by the Head of the Department concerned and submitted to the Faculty and the Council for approval.

(e) Schedules made and syllabuses approved by the Council shall be published in the next edition of the University Calendar.

4. Except by permission of the Faculty of Science, a candidate shall not be admitted to the class in any subject for which he has not satisfactorily completed the pre-requisite studies as prescribed in the syllabus for that subject.

5. (a) Except in cases approved by the Council, the annual examination in a subject shall be held soon after completion of the course of instruction in it. Terminal or other examinations during the course of instruction may be held at any time fixed by the examiner. Supplementary examinations, when granted, shall be held at such time as may be fixed, whether in term or in vacation.

(b) A candidate shall enter for examination on a form and by a date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) At the annual examination in a subject the examiners may take into account the candidate's written or practical work in the subject and his results at terminal or other examinations in it.

(d) A candidate will be permitted to take a supplementary examination only in special circumstances approved by the Faculty and then only if in the opinion of the examiner the candidate's previous work in the subject has been such as to indicate that he has a reasonable chance of passing the supplementary examination.

6. There shall be three classifications of pass at an annual examination in any subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the list of candidates who pass be published in two divisions, a pass in the higher division may be prescribed in the appropriate syllabuses as pre-requisite for admission to another subject.

7. (a) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professor and lecturers concerned unless exempted from doing so by the Faculty.

(b) A candidate who has twice failed to pass the examination in any subject may not enrol for the subject again except by permission of the Faculty and under such conditions as the Faculty may prescribe. For the purpose of this clause a candidate who fails to receive permission to sit for or absents himself from the examination in any subject after having attended substantially the full course of instruction in it shall be deemed to have failed to pass the examination.

8. (a) There shall be the following classifications for the Honours degree, and the names of successful candidates in each subject shall be published in alphabetical order within each classification:

- First Class
- Second Class
- Division A
- Division B.

(b) A candidate who fails to obtain one of the foregoing classifications at his first attempt shall not be permitted to present himself again for the examination.

9. Exemption from attendance at lectures or laboratory work or other practical work on the first occasion on which a candidate takes a subject will be granted only in special cases and on grounds approved by the Faculty.

10. A graduate who has obtained the Honours degree of Bachelor of Arts in Mathematics may not proceed to the Honours degree of Bachelor of Science in that subject.

11. (a) A candidate who has completed equivalent work elsewhere may on application to the Registrar be granted such exemption from the requirements of these regulations as the Faculty may recommend and the Council approve.

(b) A graduate in another Faculty who wishes to proceed to the degree of Bachelor of Science and to count towards that degree subjects which he has already presented for another degree shall, subject to the approval of the Faculty, present a range of subjects which (i) fulfils in all respects the requirements of the Schedule made under Regulation 3 (b) (ii) above, and (ii) includes two Group C subjects not presented for any other degree.

Allowed 17th December, 1959.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 3

I. THE ORDINARY DEGREE

1. The subjects of study for the Ordinary degree shall be as follows:

- Group A:* General Mathematics (201), Mathematics I (202), General Physics (221), Physics I (223), Chemistry I (231), Geology I (251), Botany I (261), Zoology I (271), Biology (269).
- Group B:* Mathematics II (203), Pure Mathematics II (204), Applied Mathematics II (205), Statistical Methods (206), Physics II (224), Chemistry II (235), Physical and Inorganic Chemistry II (233), Organic Chemistry II (236), Geology II (252), Botany II (262), Zoology II (274), Biochemistry I (281), Physiology I (287) (from 1962), Genetics I (296), Histology (301) (1961 and 1962 only).
- Group C:* Pure Mathematics III (207), Applied Mathematics III (208), Mathematical Statistics (209), Physics IIIA (225), Physics III (226), Mathematical Physics A (229A), Mathematical Physics B (229B), Physical and Inorganic Chemistry III (237), Organic Chemistry III (239), Geology III (254), Botany III (265), Genetics II (297), Zoology III (275), Microbiology (291), Biochemistry II (282), Physiology (286) (1961 and 1962 only), Physiology II (288) (from 1963), Histology (302) (from 1963).
- Group D:* Third-year Honours Course in Mathematics (210), Soil Science IA (245), Agricultural Economics (156), Palaeontology (257), Agriculture I (361), Botany IIA (263).

2. To qualify for the Ordinary degree a candidate shall, subject to the conditions and modifications specified in Clauses 3, 4 and 5 below, satisfactorily complete the following range of subjects:

- (a) four subjects from Group A;
- (b) either three subjects from Group B or two subjects from Group B and a fifth subject from Group A;
- (c) two subjects from Group C.

3. The choice of subjects to be presented for the degree must comply with the following conditions:

- (a) Chemistry I and *either* General Physics or Physics I must be presented as two of the subjects from Group A.
- (b) The following combinations of subjects shall not be presented:

Biology and either Botany I or Zoology I;
 General Physics and Physics I;
 General Mathematics and Mathematics I;
 Mathematics II and either Pure Mathematics II or Applied Mathematics II;
 Chemistry II and any one of Physical and Inorganic Chemistry II, Organic Chemistry II, Biochemistry I;
 Physics III and Physics IIIA;
 Mathematical Physics A and Mathematical Physics B;
 Mathematical Physics A and Applied Mathematics III;
 Mathematical Physics B and Physics III or IIIA.

- (c) If both Organic Chemistry II and Biochemistry I are submitted from Group B they must be accompanied by a third subject also from Group B.
- (d) A candidate who presents both Botany III and Zoology III may not present Genetics I also except by special approval of the Faculty and subject to such conditions as the Faculty may prescribe.

4. The following modifications to Clause 2 above may be made provided that no subject is counted twice or as forming part of the requirements from more than one Group:

- (a) A candidate may present one of the following combinations of subjects *in lieu* of a subject from Group C:
 Palaeontology and Genetics I
 Palaeontology and Botany II
 Palaeontology and Zoology II.
- (b) Subject to the approval of the Faculty in each case a candidate who presents either Botany III or Zoology III may present the following combination of subjects instead of a second subject from Group C: Soil Science IA, the climatological section of Geography II in the Faculty of Arts together with one subject from Group B.
- (c) Subject to the approval of the Faculty a candidate who presents Genetics II may present the following combination of subjects instead of a second subject from Group C: Soil Science IA, Agriculture I, the plant physiology, plant geography and plant ecology sections of Botany II.

- (d) A candidate may present the third-year Honours course in Mathematics from Group D *in lieu* of both Pure Mathematics III and Applied Mathematics III from Group C.
5. A candidate for the Ordinary degree of Bachelor of Science in Forestry shall:
- (a) Complete the following subjects:
 Physics I or General Physics,
 Chemistry I
 Botany I
 Mathematics I or General Mathematics,
 Geology I
 Botany IIA
 Agricultural Economics,
 Either Soil Science IA or a subject from Group B approved in each case by the Faculty.
 - (b) During the long vacations at the end of the first and second years, satisfactorily complete a total of not less than twelve weeks' work in the field under a forest authority approved by the Faculty.
 - (c) Subsequently complete a two years' course at the Australian Forestry School, Canberra, under a syllabus approved by the Council.
 - (d) Present evidence satisfactory to the Council (i) of having satisfactorily completed the work at the Australian Forestry School, Canberra, and (ii) of having had twelve months' experience, not necessarily consecutive, in work appropriate to his course in Forestry.

For the purposes of this Clause, the Australian Forestry School, Canberra, is affiliated with the University of Adelaide.

6. Applications for approval under Sections (c) and (d) of Clause 4 and Section (d) of Clause 5 above shall be submitted in writing to the Registrar.

II. THE HONOURS DEGREE

1. A candidate may, subject to approval by the Head of the Department concerned, proceed to the Honours degree in one of the following subjects:

Mathematics
 Physics
 Mathematical Physics
 Physical and Inorganic Chemistry
 Organic Chemistry
 Geology
 Botany
 Zoology
 Biochemistry
 Physiology
 Pharmacology
 Genetics
 Microbiology.

2. A candidate for the Honours degree in any subject shall not begin final-year Honours work in that subject until he has qualified for the Ordinary degree of Bachelor of Science and has completed all the courses in that subject prescribed for the Ordinary degree and such other pre-requisite subjects (if any) as may be prescribed in the syllabus.

III. FEES

	Lectures	Practical Work
A. For the Ordinary Degree:		
1. General Mathematics, Mathematics I and II, Pure Mathematics II and III, Applied Mathematics II and III, Statistical Methods, Mathematical Statistics and Mathematical Physics A, each - - -	£15 15 0	
2. Third-year Honours course in Mathematics	31 10 0	
3. General Physics, Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology, each - - -	15 15 0	£9 9 0
4. Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Biochemistry I, Botany II, Geology II, Zoology II, Physiology I (from 1962), Genetics I and Histology (1961 and 1962 only), each - - -	15 15 0	15 15 0
5. Physics III, Physics IIIA, Mathematical Physics B, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry II, Physiology (1961 and 1962 only), Geology III, Botany III, Zoology III, Microbiology, Physiology II (from 1963), Genetics II, and Histology (from 1963), each - - -	15 15 0	26 5 0
6. Special Subjects:		
Agricultural Economics - - -	15 15 0	
Soil Science IA - - -	15 15 0	15 15 0
Palaeontology - - -	15 15 0	15 15 0
Botany IIA - - -	18 18 0	18 18 0
A composite subject in lieu of a subject from Group C (inclusive fee) - - -	42 0 0	
Scientific German (for candidates other than Honours students) - - -	3 3 0	
B. For the Honours Degree:		
For the final-year Honours work and the final examination in any subject - - -	78 15 0	
C. For a supplementary examination (theoretical or practical or both) - - -		
	5 5 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.

Notes:

1. The cost of attendance on excursions and/or at camps is not included in the fees listed above. See separate statement on page 676.

2. The fees for the work at the Australian Forestry School are not included in this schedule.

OF THE DEGREE OF MASTER OF SCIENCE
REGULATIONS

*1. The following persons may become candidates for the degree of Master of Science: (a) Bachelors of Science, (b) Bachelors of Agricultural Science, (c) graduates in Medicine or in Veterinary Science who produce evidence that they have spent two academic years in research at an institution recognised for the purpose by the University of Adelaide and (d) other graduates whose academic qualifications are accepted by the Faculty of Science as sufficient:

Provided that, subject to the approval of the Council, the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University, but has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

*1A. Unless the candidate has obtained the Honours Degree of Bachelor of Science or of Agricultural Science he shall, before submitting his thesis (or presenting himself for examination in Mathematics) as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

2. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Science as equivalent to one of the qualifications required in regulation 1, may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

3. A candidate who holds the Honours degree of Bachelor of Science or Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

* Allowed 14th December, 1944; amended 17th December, 1959.

4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to science in support of his candidature. In the department of Mathematics a candidate may elect to present himself for an examination on an approved course of study in lieu of submitting a thesis.

*5. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis, or the branch of Mathematics in which he wishes to be examined. The Faculty of Science, if it approve the subject of his research or his proposed course of study in Mathematics, may appoint a supervisor to guide the candidate in his work. The candidate shall submit his thesis not earlier than three terms and, except by special permission of the Faculty, not later than nine terms after approval by the Faculty of the subject of his research.

†6. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

†7. A candidate for the degree of Doctor of Philosophy or Doctor of Science whose work is considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not to be of sufficient merit to qualify for the degree of Doctor but of sufficient merit for the degree of Master may be admitted to the degree of Master provided that he is qualified to become a candidate for the degree.

††8. On completion of his work a candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.**

9. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall on the recommendation of the Faculty of Science be admitted to the degree of Master of Science.

§10. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

* Allowed 14th December, 1944; amended 15th January, 1959.

† Allowed 14th December, 1944. † Amended 8th December, 1949.

†† Awaiting allowance at time of printing. § Allowed 18th October, 1956.

Allowed 7th December, 1939.

** These directions are published on page 687.

Schedule of Fees prescribed by the Council under Regulation 10

Annual Registration Fee for full-time students	-	-	£42	0	0
Annual Registration Fee for part-time students	-	-	21	0	0
On submission or re-submission of the thesis	-	-	10	10	0
On entry for any examination required	-	-	10	10	0
On admission to the degree	-	-	10	10	0

OF THE DEGREE OF DOCTOR OF SCIENCE
REGULATIONS

*1. A Master of Science or a Master of Engineering may proceed to the degree of Doctor of Science by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fifth academic year from the date of his graduation as Bachelor: provided that the Council, on the recommendation of the Faculty, may accept as candidates for the degree other graduates of at least five years' standing, who, in the opinion of the Faculty, have had an adequate scientific training.

†2. To qualify for the degree a candidate shall furnish satisfactory evidence that he has made an original contribution of distinguished merit adding to the knowledge or understanding of any subject with which the Faculty is directly concerned.

The degree shall be awarded primarily on a consideration of such of his published works as the candidate may submit for examination, but the examiners may also take into account any unpublished original work that he may submit in support of his candidature.

The Faculty of Science, if it approve of the subject or subjects of the work submitted, shall nominate examiners, of whom one at least shall be an external examiner.

Every candidate in submitting his published works and unpublished original work shall state generally in a preface and specifically in notes the main sources from which his information is derived and the extent to which he has availed himself of the work of others. He may also signify in general terms the portions of his work which he claims as original.

**3. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in subparagraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar will transmit two of the copies to the University Library.

4. A candidate who complies with the foregoing conditions and satisfies the examiners may on the recommendation of the Faculty of Science be admitted to the degree of Doctor of Science.

‡5. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

* Allowed 10th January, 1946. ** Awaiting allowance at time of printing.

† Allowed 10th December, 1936, and amended 10th January, 1946.

‡ Allowed 18th October, 1956. Allowed 3rd January, 1929.

Schedule of Fees prescribed by the Council under Regulation 5

On approval of the subject of the work - - - -	£31 10 0
On admission to the degree - - - -	10 10 0

OF THE DEGREE OF BACHELOR OF AGRICULTURAL
SCIENCE
REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Agricultural Science. A candidate may obtain either degree or both.

2. Except in special cases allowed by the Council or in the case of candidates holding the diploma of Roseworthy Agricultural College, every candidate for the degree of Bachelor of Agricultural Science shall after matriculation spend four academic years at least in courses of study prescribed for the degree.

‡A candidate who holds the diploma of Roseworthy Agricultural College may, subject to the approval of the Faculty and under such conditions as the Faculty may prescribe, be permitted to complete the course of study for the degree in three years.

3. To obtain the degree, whether the Ordinary or the Honours degree, every candidate must regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed.

He must also present evidence to the satisfaction of the Council that he has had the practical experience prescribed.

4. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Agricultural Science and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

5. A candidate may be exempted from attendance at lectures or practical work in a subject in which he desires to be examined, but only upon grounds approved by the Council.

6. A candidate for the Honours degree shall spend an additional year and attend lectures and pass examinations in such subjects of such departments of Agricultural Science, and in such additional subjects, as may be prescribed by the Faculty.

†The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class

Division A

Division B

7. All annual examinations shall take place towards the end of the academic year, except that practical examinations and all examinations in those subjects in which the course of instruction has been

† Amended 16th December, 1948.

‡ Amended 15th January, 1959.

completed by the end of the second term, may be held at any convenient time to be fixed by the Council.

*A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

Written or practical work done by candidates by direction of the professors and lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

Supplementary examinations shall be held at such times as may be approved by the Council.

A candidate who fails to pass an annual examination shall again attend lectures and do practical work in the subjects of that year's work to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Agricultural Science.

8. A candidate who has twice failed to pass the examination proper to any year shall not present himself again for instruction or examination in the work of that year except by permission of the Council.

9. A candidate who has done work or passed examinations *in pari materia* in another Faculty or otherwise in this University, or who desires that his work at another University or Technical School be counted *pro tanto* for the degree of Bachelor of Agricultural Science, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

*Allowed 23rd January, 1947, amended 11th December, 1947, and 20th December, 1956.

Allowed 23rd January, 1947.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 4.

(Note.—The following Schedules, made by the Council in July, 1955, have been effective as from January 1, 1956, and apply to those students in the course for the degree of Bachelor of Agricultural Science who were first year students in 1955 or a subsequent year. Candidates who entered the second year of the course in 1955 or earlier will proceed under the old schedules, as published in the Calendar for the year 1955.)

1. During the first year every candidate shall, unless exempted therefrom, attend courses of instruction, and shall satisfy the examiners in each of the following subjects:

General Physics (221);
Chemistry I (231);
Botany I (261);
Zoology I (271).

2. During the second, third and fourth years a candidate who under Regulation 2 is required to spend four academic years in courses of study prescribed for the degree shall attend courses of instruction and at the annual examination for the appropriate year shall satisfy the examiners in each of the following subjects:

(a) Second Year:

Agriculture I (361);
 Botany IIB (364);
 Chemistry II (235);
 Geology I (251);
 Genetics IA (366).

(b) Third Year:

Agriculture II (371);
 Agricultural Botany (378);
 Biometry (373);
 Soil Science I (379);
 Agricultural Biochemistry I (372);
 Entomology I (374);
 Plant Pathology I (377);
 Agricultural Microbiology (375).

On one day each week candidates will attend courses of instruction at Roseworthy Agricultural College, where the following subjects will be taken:

Animal Husbandry I (382);
 Farm Engineering (383);
 Farm Demonstrations (398).

(c) Fourth Year:

Agriculture III (387);
 Agricultural Economics (156);
 and in addition any two of the following subjects as may be nominated by the candidate and approved by the Dean of the Faculty:

Agronomy (388);
 Animal Husbandry II (389);
 Genetics II (297);
 Plant Breeding (391);
 Soil Science II (392);
 Agricultural Biochemistry II (393);
 Horticulture (394);
 Plant Pathology II (395);
 Entomology II (396).

3. Except by permission of the Faculty, a candidate shall not proceed to any part of the work of the second or a subsequent year unless he has completed the whole of the work of, and passed the examination proper to, the preceding year or years. At the discretion of the Board of Examiners a candidate who fails to satisfy the examiners at an annual examination may be permitted to present himself for a supplementary examination in such subject or subjects as the Board may determine, and if he satisfies the examiners in such supplementary examination he shall be deemed to have passed the whole annual examination.

4. Practical Experience.

(a) Candidates will be required to obtain thirty-six weeks' practical agricultural experience.

(b) Not more than a total of twelve weeks may be spent at Roseworthy Agricultural College or other government or University centre devoted to agricultural education or research.

(c) The balance of the 36 weeks must be spent in practical experience on private farms or on scheduled field work in agricultural areas; in general students will be expected to gain experience in a diversity of agricultural environments, and candidates should discuss their plans for practical experience with the Dean of the Faculty.

(d) Candidates who hold the diploma of Roseworthy Agricultural College may at the discretion of the Dean be exempt from part or all of the requirements of this clause; and candidates who have had practical experience prior to the commencement of the course may apply for partial exemption from the requirements of this clause.

(e) In the case of students undertaking National Service Training during the course, the requirement for practical experience may be reduced by up to six weeks.

5. Fees.**A. For the Ordinary Degree:**

(1) For each year's work, including one annual examination - - - - -	£84 0 0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject - - - - -	5 5 0

B. For the Honours Degree:

Inclusive fee for courses which the head of the department deems necessary for the Honours course in the subject selected, including the examinations required - - - - -	78 15 0
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Note: The cost of attendance on compulsory tours in the third and fourth years of the course is not included in the annual fee. See separate statement on page 676.

OF THE DEGREE OF MASTER OF AGRICULTURAL SCIENCE REGULATIONS

*1. The following persons may become candidates for the degree of Master of Agricultural Science—(a) Bachelors of Agricultural Science and (b) other graduates whose academic qualifications are accepted by the Faculty of Agricultural Science as sufficient:

Provided that, subject to the approval of the Council, the Faculty may, in special cases, and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University, but has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

* Amendment awaiting allowance at time of printing.

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. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.*

9. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall, on the recommendation of the Faculty of Agricultural Science, be admitted to the degree of Master of Agricultural Science.

‡10. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Awaiting allowance at time of printing.

‡ Allowed 18th October, 1956.

Allowed 14th December, 1950.

* These directions are published on page 687.

Schedule of Fees prescribed by the Council under Regulation 10

Annual Registration Fee for full-time students	-	-	£42	0	0
Annual Registration Fee for part-time students	-	-	21	0	0
On presentation or re-presentation of the thesis	-	-	10	10	0
On entry for any examination required	-	-	10	10	0
On admission to the degree	-	-	10	10	0

OF THE DEGREE OF BACHELOR OF ENGINEERING
REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Engineering.

2. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Engineering and be submitted to the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

†3. Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.

THE ORDINARY DEGREE.

†4. (a) To qualify for the Ordinary degree a candidate shall regularly attend lectures and do written, laboratory, and other practical work (where such is required), and pass examinations in the subjects prescribed for one of the following Engineering courses:

- (a) Mining Engineering;
- (b) Metallurgical and Chemical Engineering;
- (c) Electrical Engineering;
- (d) Mechanical Engineering;
- (e) Civil Engineering;

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had six months' practical experience, not necessarily consecutive, in work approved by the Faculty of Engineering as appropriate to the course which he has followed.

† Allowed 9th January, 1958.

† Amended 8th December, 1949, and 15th January, 1959.

*5. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations, and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Council.

** (b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates by direction of the professors or lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

‡ (d) There shall be three classifications of pass at an annual examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject, to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Engineering. Any such exemption shall hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

6. Except in case of illness or other sufficient cause allowed by the Council, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

7. No candidate shall be granted exemption from attendance at lectures or practical work in any subject, except upon grounds approved by the Council.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

*Amended 8th December, 1949.

**Allowed 20th December, 1956.

‡ Allowed 22nd December, 1955.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

9. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Engineering, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. No candidate who has presented the subject Surveying as partial satisfaction of the requirements for the degree of Bachelor of Science may obtain in addition the degree of Bachelor of Engineering in the Department of Civil Engineering, unless he either completes his qualifications for the degree of Bachelor of Science in subjects apart from Surveying, or passes, in addition to the subjects of the ordinary curriculum, in such further subjects of the Engineering courses as may be approved by the Faculty of Engineering.

11. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Science (Engineering) in or before the year 1944 may complete his qualifications for that degree in accordance with the regulations and schedules governing it in 1944, or with such modifications as the Council may from time to time approve.

12. A candidate who holds the degree of Bachelor of Science (Engineering) and subsequently completes the full course for the degree of Bachelor of Engineering may receive that degree on surrendering the degree of Bachelor of Science (Engineering). No fee shall be charged for admission to the second degree.

THE HONOURS DEGREE.

* 13. The Honours degree shall be available in each of the following courses:

- (i) Mining Engineering;
- (ii) Metallurgical and Chemical Engineering;
- (iii) Electrical Engineering;
- (iv) Mechanical Engineering;
- (v) Civil Engineering.

*14. (a) The Honours degree shall be taken in the final year of either the four or five year course. Candidates wishing to take the Honours degree must apply to the Faculty of Engineering for permission to do so on or before March 1st of the year in which they intend to take the course.

(b) No candidate shall proceed to the Honours degree except with the approval of the Faculty of Engineering. Before granting such permission the Faculty will take into consideration the candidate's work up to the time of his application.

* Allowed 11th November, 1954.

(c) Candidates for the Honours degree shall in the final year of their course complete the full course set out for the Ordinary degree and shall in addition take further lectures at an advanced level. Candidates shall also satisfactorily complete a laboratory project which will normally extend to the March of the year following that in which they undertake Honours work.

(d) In order to obtain Honours candidates must pass examinations on the work of the specialised honours lectures. They must also pass in the final year subjects of the Ordinary degree at a higher standard than is required from candidates for the Ordinary degree.

(e) The names of candidates who pass with Honours shall be arranged alphabetically in two classes under each department. A candidate who fails to obtain first or second class Honours may be awarded the Ordinary degree provided he has in all other respects completed the work for that degree.

†(f) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had six months' practical experience, not necessarily consecutive, in work approved by the Faculty of Engineering as appropriate to the course which he has followed.

† Allowed 9th January, 1958.
Allowed 11th December, 1947.

DETAILS OF COURSES AND SCHEDULES PRESCRIBED UNDER REGULATION 2 OF THE DEGREE OF BACHELOR OF ENGINEERING

ABBREVIATIONS

In the column headed "Hours a week" a single figure such as 2, means 2 hours a week throughout the year. A figure with a suffix such as 2², means two hours a week for two terms.

MEDICAL EXAMINATION

Many employers of engineering graduates require a prospective employee to submit himself to a medical examination, which in some cases is of a very searching character. Students taking engineering courses, more particularly those taking Mining, are advised to undergo a medical and X-ray examination during the early part of their course.

AERONAUTICAL ENGINEERING

The University of Sydney has established a special four-year course in Aeronautical Engineering. Adelaide students who have completed the first, second and third years of the curriculum set out below in Civil, Electrical or Mechanical Engineering may apply for admission to the third year of the course in Aeronautical Engineering in the University of Sydney. Those who have completed only the first and second years may apply for admission to the second year of the course.

Applications, together with documentary evidence of status obtained in the University of Adelaide, should be addressed to the Registrar, the University of Sydney.

AGRICULTURAL ENGINEERING

The University of Melbourne has established a four-year degree course in Agricultural Engineering. Adelaide students who have completed the first, second and third years of the curriculum set out below in Civil, Electrical or Mechanical Engineering, may apply for admission to the third year of the course in Agricultural Engineering in the University of Melbourne. Those who have completed only the first and second years may apply for admission to the second year of the course.

Applications, together with documentary evidence of academic standing in the University of Adelaide, should be sent to the Registrar, the University of Melbourne.

Schedules made by the Council under Regulation 2

1. ARRANGEMENT OF COURSES.

The courses shall occupy five years of full-time study. Details of these courses are set out in Clauses 5, 6, 7, 8 and 9. However, in the case of a candidate who is exempted from General Mathematics (201), General Physics (221) and Chemistry IA (232) (see Clause 2) only four years of full-time study will be necessary, beginning with the Second Year of the courses as set out in Clauses 5 to 9.

2. EXEMPTION FROM FIRST YEAR SUBJECTS.

(a) A candidate who has passed at the Leaving Honours examination of the University of Adelaide in all of the subjects Mathematics, Parts I and II, Physics and Chemistry, will be granted exemption from General Mathematics (201), General Physics (221) and Chemistry IA (232), and may enter the Second Year of a course as set out in Clauses 5 to 9.

A similar exemption may be granted by the Faculty to a candidate who has passed in appropriate examinations at other approved Universities or Institutions.

(b) A candidate who is not exempted from all of the subjects General Mathematics (201), General Physics (221) or Chemistry IA (232) will be required to take all of the subjects of the First Year of a course as set out in Clauses 5 to 9, provided that, in exceptional circumstances, a candidate who has passed in appropriate examinations may be granted exemption by the Faculty in one or two of the subjects General Mathematics (201), General Physics (221) or Chemistry IA (232).

3. COMPLETION OF SUBJECTS.

It is not necessary for a candidate to take all the subjects of any one Year simultaneously or to complete all the subjects set out for one Year before enrolling for any subject of the following Year provided that the pre-requisite subjects have been passed. But a candidate who desires to take a Third Year subject before completing the First Year, a Fourth Year subject before completing the Second Year, or a Fifth Year subject before completing the Third Year, must obtain the permission of the Faculty.

4. APPROVAL OF SUBJECTS.

During the Enrolment Period, before the beginning of each Academic Year, each candidate must obtain the approval of the Assistant to the Dean of the Faculty of Engineering to enrol for the subjects he wishes to study.

5. CIVIL ENGINEERING COURSE.

(Note: The subjects to be taken in the First and Second Years of the Civil, Electrical, Mechanical and Mining Engineering Courses are the same.)

		FIRST YEAR					
Subject No. in Syllabus	Subject	Hours a Week	Fee	£	s.	d.	
201	General Mathematics	Lectures 3 Tutorial 2	15 15 0				
221	General Physics	Lectures 3 Practical 3	15 15 0 9 9 0				
232	Chemistry IA	Lectures 2 Practical 3	12 12 0 9 9 0				
491	*First Aid	Lectures 1 ¹ Practical 2 ¹	3 3 0				
492	General Engineering	Lectures 1	—				
1214	*Workshop Practice	Lectures 1 Practical 3	9 15 0				
		SECOND YEAR					
212	Mechanics	Lectures 2 Tutorial 1	15 15 0				
212	Mathematics I (Engineering)	Lectures 3 Tutorial 1	15 15 0				
222A	Physics A (Engineering)	Lectures 3 Practical 3	15 15 0 6 6 0				
481	Graphics	Lectures 1 Practical 3	6 6 0 6 6 0				
1272	*Engineering Materials	Lectures 2 Practical 2	9 15 0				
and, in addition, if not taken in the First Year,							
491	*First Aid	Lectures 1 ¹ Practical 2 ¹	3 3 0				
492	General Engineering	Lectures 1	—				
1214	*Workshop Practice	Lectures 1 Practical 3	9 15 0				
		THIRD YEAR					
214	Mathematics II (Engineering)	Lectures 3 Tutorial 1	15 15 0				
251B	Geology I (Engineering)	Lectures 2 Practical 2 Tutorial 1	15 15 0 6 6 0				
432	Strength of Materials	Lectures 2 Practical 3	12 12 0 6 6 0				
445	Electrical Engineering S	Lectures 2 Practical 3	12 12 0 6 6 0				
482	Engineering Drawing and Design	Lectures 1 Practical 3	6 6 0 6 6 0				
433	Surveying A	Lectures 1 Practical 3	6 6 0 6 6 0				
435	Survey Camp (First)		9 9 0				

¹ Lectures and Practical Work in this subject are at present given wholly or partly at the S.A. Institute of Technology.

² A candidate who holds or obtains the certificate of the St. John Ambulance Association will be granted status for this subject.

FOURTH YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee		
				£	s.	d.
421	Civil Engineering I	Lectures	3	15	15	0
		Practical	6	10	10	0
426	Hydraulics A	Lectures	2	8	8	0
		Practical	3	6	6	0
430	Instrumentation	Lectures	1	6	6	0
		Practical	3	6	6	0
456	Mechanical Engineering S—					
	Part 1: Machine Design	Lectures	2 ²	8	8	0
		Practical	3 ²	4	4	0
	Part 2: Theory of Machines	Lectures	1 ²	4	4	0
		Practical	3 ¹	2	2	0
215	<i>Either</i> Mathematics III (Engineering)	Lectures	2	15	15	0
		Tutorial	1			
168	<i>Or</i> Economics (Engineering)	Lectures	2	15	15	0
		Tutorial	1			

FIFTH YEAR

Note: This course will be introduced in 1962 (see also Clause 10).

Civil Engineering IIA	Lectures	3, 1 ²	19	19	0
	Practical	6	12	12	0
Civil Engineering IIB	Lectures	2	12	12	0
	Practical	8	10	10	0
Civil Engineering IIC		150 hrs.	10	10	0
Project and Report		total			
Survey Camp (Second)			9	9	0

6. ELECTRICAL ENGINEERING COURSE.

FIRST AND SECOND YEARS

The same subjects are taken in the First and Second Years by each Civil, Electrical, Mechanical and Mining Engineering candidate. The details of these subjects are shown in Clause 5.

THIRD YEAR

214	Mathematics II (Engineering)	Lectures	3	15	15	0
		Tutorial	1			
432	Strength of Materials	Lectures	2	12	12	0
		Practical	3	6	6	0
441	Electrical Engineering I	Lectures	4	18	18	0
		Practical	6	12	12	0
		Tutorial	1			
482	Engineering Drawing and Design	Lectures	1	6	6	0
		Practical	3	6	6	0
433	Surveying A	Lectures	1	6	6	0
		Practical	3	6	6	0
435	Survey Camp (First)			9	9	0

FOURTH YEAR

428	Hydraulics S	Lectures	1	4	4	0
		Practical	3 ¹	2	2	0
456	Mechanical Engineering S—					
	Part 2: Theory of Machines	Lectures	1 ²	4	4	0
		Practical	3 ¹	2	2	0
	Part 3: Thermodynamics	Lectures	1 ²	4	4	0
		Practical	3 ¹	2	2	0
442	Electrical Engineering II	Lectures	4	18	18	0
		Practical	6	12	12	0
		Tutorial	1			
168	Economics (Engineering)	Lectures	2	15	15	0
		Tutorial	1			
215	<i>Either</i> Mathematics III (Engineering)	Lectures	2	15	15	0
		Tutorial	1			
425	<i>Or</i> Civil Engineering S	Lectures	2	12	12	0
		Practical	3	6	6	0

(Note: Students of outstanding academic ability (who have completed the Fourth Year) are advised to devote an additional year solely to topics selected from statistics, mathematics and physics to improve their qualifications to undertake research on engineering science. Students must first be accepted by the Faculty before entering for such a course.)

FIFTH YEAR

Note: This course will be introduced in 1962 (see also Clause 10).

Subject No. in Syllabus	Subject		Hours a Week	Fee	£	s.	d.
	Electrical Engineering IIIA	Lectures	4	18	18	0	0
		Practical	7	14	14	0	0
	Electrical Engineering IIIB—						
	<i>Either</i> Electrical Power	Lectures	2	12	12	0	0
		Practical	4	8	8	0	0
	<i>Or</i> Electronics and Communications	Lectures	2	12	12	0	0
		Practical	4	8	8	0	0
	Electrical Engineering IIIC— Project and Report		150 hrs. total	10	10	0	0
	Engineering Management ...	Lectures	3	15	15	0	0

7. MECHANICAL ENGINEERING COURSE.

FIRST AND SECOND YEARS

The same subjects are taken in the First and Second Years by each Civil, Electrical, Mechanical and Mining Engineering candidate. The details of these subjects are shown in Clause 5.

THIRD YEAR

214	Mathematics II (Engineering)	Lectures	3	15	15	0	0
		Tutorial	1				
432	Strength of Materials	Lectures	2	12	12	0	0
		Practical	3	6	6	0	0
445	Electrical Engineering S	Lectures	2	12	12	0	0
		Practical	3	6	6	0	0
482	Engineering Drawing and Design	Lectures	1	6	6	0	0
		Practical	3	6	6	0	0
485	Production Technology	Lectures	1	6	6	0	0
		Practical	3	6	6	0	0
433	Surveying A	Lectures	1	6	6	0	0
		Practical	3	6	6	0	0
435	Survey Camp (First)			9	9	0	0

FOURTH YEAR

425	Civil Engineering S	Lectures	2	12	12	0	0
		Practical	3	6	6	0	0
451	Mechanical Engineering IA	Lectures	3 ² , 2 ¹	15	15	0	0
		Practical	3 ² , 6 ¹	8	8	0	0
452	Mechanical Engineering IB	Lectures	2	12	12	0	0
		Practical	3	6	6	0	0
447	Electronics	Lectures	1	6	6	0	0
		Practical	3 ²	4	4	0	0
	<i>Either</i> Mathematics III (Engineering)	Lectures	2	15	15	0	0
		Tutorial	1				
	<i>Or</i> Economics (Engineering)	Lectures	2	15	15	0	0
		Tutorial	1				

FIFTH YEAR

Note: This course will be introduced in 1962 (see also Clause 10).

	Mechanical Engineering IIA	Lectures	6 ¹ , 4 ¹	17	17	0	0
		Practical	6 ²	6	6	0	0
	Mechanical Engineering IIB	Lectures	2 ¹ , 3 ²	16	16	0	0
		Practical	9 ¹ , 6 ²	14	14	0	0
	Mechanical Engineering IIC: Project and Report		150 hrs. total	10	10	0	0
	Engineering Management ..	Lectures	3	15	15	0	0

8. MINING ENGINEERING COURSE.

FIRST AND SECOND YEARS

The same subjects are taken in the First and Second Years by each Civil, Electrical, Mechanical and Mining Engineering candidate. The details of these subjects are shown in Clause 5.

THIRD YEAR

251	Geology I	Lectures	2	15	15	0	0
		Practical	3	9	9	0	0
		Tutorial	1				
432	Strength of Materials	Lectures	2	12	12	0	0
		Practical	3	6	6	0	0
433	Surveying A	Lectures	1	6	6	0	0
		Practical	3	6	6	0	0
435	Survey Camp (First)			9	9	0	0
445	Electrical Engineering S	Lectures	2	12	12	0	0
		Practical	3	6	6	0	0
482	Engineering Drawing and Design	Lectures	1	6	6	0	0
		Practical	3	6	6	0	0
	Mining Trip (see Clause 11 (c))						

FOURTH YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee		
				£	s.	d.
253	Geology IIA	Lectures	3 ²	12	12	0
		Practical	6 ²	8	8	0
256	Mining Geology	Lectures	2 ¹	4	4	0
		Practical	6 ¹	4	4	0
425	Civil Engineering S	Lectures	2	12	12	0
		Practical	3	6	6	0
427	Hydraulics B	Lectures	1	6	6	0
		Practical	3 ¹	2	2	0
456	Mechanical Engineering S—					
	Part 1: Machine Design	Lectures	2 ²	8	8	0
		Practical	3 ²	4	4	0
	Part 2: Theory of Machines	Lectures	1 ²	4	4	0
		Practical	3 ¹	2	2	0
471	Mining Engineering I	Lectures	2	12	12	0
		Practical	3	6	6	0
	Mining Trip (see Clause 11 (c))					

FIFTH YEAR

Note: This course will be introduced in 1962 (see also Clause 10).

Ore Dressing	Lectures	1	}	7	10	0
	Practical	3 ¹				
Mining Engineering II	Lectures	3		15	15	0
	Practical	12		25	4	0
*Extractive Metallurgy (Mining)	Lectures	1 ²		4	4	0
*Assaying	Practical	3		9	0	0

9. METALLURGICAL AND CHEMICAL ENGINEERING COURSE.

FIRST YEAR

201	General Mathematics	Lectures	3	15	15	0
		Tutorial	2			
221	General Physics	Lectures	3	15	15	0
		Practical	3	9	9	0
232	Chemistry IA	Lectures	2	12	12	0
		Practical	3	9	9	0
481	Graphics	Lectures	1	6	6	0
		Practical	3	6	6	0
491	*First Aid	Lectures	1 ¹	}	3	3
		Practical	2 ¹			
492	General Engineering	Lectures	1			

SECOND YEAR

213	Mathematics I (Engineering)	Lectures	3	15	15	0	
		Tutorial	1				
222B	*Physics B (Engineering)	Lectures	2	10	10	0	
		Practical	3	6	6	0	
234	Chemistry IIA	Lectures	3	15	15	0	
		Practical	6	12	12	0	
1272	*Engineering Materials	Lectures	2	}	9	15	
		Practical	2				
	and, in addition, if not taken in the First Year,						
481	Graphics	Lectures	1	6	6	0	
		Practical	3	6	6	0	
491	*First Aid	Lectures	1 ¹	}	3	3	
		Practical	2 ¹				
492	General Engineering	Lectures	1				

THIRD YEAR

212	Mechanics	Lectures	2	}	15	15
		Practical	1			
432	Strength of Materials	Lectures	2		12	12
		Practical	3		6	6
434	Surveying B	Lectures	1 ¹		2	2
		Practical	3 ¹		2	2
461	Process Engineering I	Lectures	2 ² , 3 ¹		12	12
468	*Applied Physical Chemistry	Lectures	2		12	12
		Practical	3		6	6
482	Engineering Drawing and Design	Lectures	1		6	6
		Practical	3		6	6

* Lectures and Practical Work in this subject are at present given wholly or partly at the S.A. Institute of Technology.

** A candidate who holds or obtains the certificate of the St. John Ambulance Association will be granted status for this subject.

FOURTH YEAR

Subject No. in Syllabus	Subject		Hours a Week	Fee		
				£	s.	d.
251A	Geology IA	Lectures	2 ²	8	8	0
		Practical	4 ²	6	6	0
445	Electrical Engineering S	Lectures	2	12	12	0
		Practical	3	6	6	0
456	Mechanical Engineering S— Part 1: Machine Design	Lectures	2 ²	8	8	0
		Practical	3 ²	4	4	0
462A	Process Engineering IIA— Unit Operations I	Lectures	2	12	12	0
		Practical	3	6	6	0
462B	Process Engineering IIB— Unit Processes I	Lectures	2	10	10	0
		Practical	3			
462C	Process Engineering IIC— Industrial Economics	Lectures	1 ²	4	4	0
464	Process Control	Lectures	1	9	15	0
		Practical	3			

FIFTH YEAR

Note: This course will be introduced in 1962 (see also Clause 10).

463A	Process Engineering IIIA— Unit Operations II	Lectures	3	15	15	0
		Practical	4	8	8	0
463B	Process Engineering IIIB— Unit Processes II	Lectures	1	6	6	0
		Practical	3	6	6	0
463C	Process Engineering IIIC— Industrial Economics II	Seminar	2	4	4	0
463D	Process Engineering IIID— Plant Design	Practical	12	25	4	0
466	Mineral Dressing	Lectures	2	10	10	0
		Practical	3 ² , 2			

10. CONTINUATION OF COURSES OFFERED IN 1959.

(a) The following FIFTH YEAR courses in Civil, Electrical, Mechanical, Mining, and Metallurgical and Chemical Engineering will be given in 1961.

CIVIL ENGINEERING

422	Civil Engineering II— Part A	Lectures	3	15	15	0
		Practical	6	12	12	0
	Part B	Lectures	2	12	12	0
		Practical	8	16	16	0
	Part C: Project Report			9	9	0
436	Survey Camp (Second)			12	12	0
493	Industrial Engineering	Lectures	2	12	12	0

ELECTRICAL ENGINEERING

443	Electrical Engineering III— Part A: Electrical Engineering Theory	Lectures	3	15	15	0
	Part B: Either					
	Electrical Power	Lectures	3	15	15	0
		Tutorials	3	9	9	0
		Practical	9	18	18	0
	Or					
	Electronics and Communications	Lectures	3	15	15	0
		Tutorials	3	9	9	0
		Practical	9	18	18	0
444	Electrical Engineering Project— Seminars and Experimental Investigations			6	6	0
493	Industrial Engineering	Lectures	2	12	12	0

MECHANICAL ENGINEERING

453	Mechanical Engineering II— Part A: Thermodynamics	Lectures	3 ¹ , 2 ¹	10	10	0
		Practical	3 ²	4	4	0
	Fluid Mechanics	Lectures	2 ² , 1 ¹	10	10	0
		Practical	3 ²	4	4	0
	Part B: Theory of Machines	Lectures	2 ¹ , 1 ²	8	8	0
		Practical	3 ¹	2	2	0
	Machine Design II	Lectures	2 ²	8	8	0
		Practical	6	12	12	0
	Part C: Thesis					
493	Industrial Engineering	Lectures	2	12	12	0

* Lectures and Practical Work in this subject are at present given wholly or partly at the S.A. Institute of Technology.

MINING ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
467	Ore Dressing	Lectures 1 Practical 3 ¹	} 7 10 0
472	Mining Engineering II	Lectures 3 Practical 1 ²	
461A	*Extractive Metallurgy (Mining)	Lectures 1 ²	4 4 0
1271	*Assaying	Practical 3	9 0 0

METALLURGICAL AND CHEMICAL ENGINEERING

463A	Process Engineering IIIA— Unit Operations II	Lectures 3 Practical 4	15 15 0 8 8 0
463B	*Process Engineering IIIB— Unit Processes II	Seminar 3	9 0 0
463C	Process Engineering IIIC— Industrial Economics II	Seminar 2	4 4 0
463D	Process Engineering IIID— Plant Design	Practical 12	25 4 0
466	Mineral Dressing	Lectures 2 Practical 3 ² Seminar 2 ¹	} 10 10 0

(b) The following courses in ARCHITECTURAL ENGINEERING will be given in 1961.

[These schedules apply only to candidates who had entered the course for the degree of Bachelor of Engineering in Architectural Engineering in or before the year 1957, and who seek to complete the degree before December 31, 1965, in accordance with the regulations and schedules governing it in 1957.]

FOURTH YEAR

402	*Architectural Theory Construction and Practice II	Lectures 3 ² , 2 ¹ Practical 3	} 10 10 0
413	*Architectural Design III	6		11 5 0
421	Civil Engineering I	Lectures 2 Practical 6 ¹ , 3 ²	12 12 0 8 8 0
1008	*Surveying IA	Lectures 1 Practical 3	} 9 15 0

FIFTH YEAR

403	*Architectural Theory Construction and Practice III	Lectures 3 Practical 3	} 11 5 0
419	*Architectural Thesis	8		12 15 0
431	†Structural Design	Practical 8	16 16 0

* Lectures and Practical Work in this subject are at present given wholly or partly at the S.A. Institute of Technology.

† This subject is not required by the Royal Australian Institute of Architects in its recognition of this course.

11. PRACTICAL EXPERIENCE.

- (a) General: Except in special circumstances approved by the Faculty, of the six months' practical experience required under Regulation 4 (b), at least three months must be other than routine work, such as assaying or drawing.
- (b) National Service Training: A candidate attending National Service or Commonwealth Military Force training may be permitted to count such training, up to a maximum period of three months, as part of his required practical experience.
- (c) Mining Engineering: The compulsory practical experience approved for a Mining Engineering candidate under Regulation 4 (b) should be arranged as follows:
 - First Year: Long Vacation—Workshop Practice—for not less than 8 weeks.
 - Second Year: Long Vacation—Practical Mining Experience—for not less than 8 weeks.
 - Third Year: August Vacation—Mining Trip. Long Vacation—Practical Mining Experience for not less than 8 weeks.
 - Fourth Year: August Vacation—Mining Trip.

- (d) Metallurgical and Chemical Engineering: The compulsory practical experience approved for a Metallurgical and Chemical Engineering candidate under Regulation 4 (b) should be arranged as follows:
- Second Year: Long Vacation—Workshop Practice for not less than 8 weeks.
- Third Year: Long Vacation—Works Laboratory (Research or Analytical) for not less than 8 weeks.
- Fourth Year: Long Vacation—Industrial Plant Experience for not less than 8 weeks.
- Fifth Year: May Vacation—Industrial Plants Trip.

12. HONOURS DEGREE IN ENGINEERING.

A candidate for the Honours Degree in Mining, Metallurgical and Chemical, Electrical, Mechanical or Civil Engineering under Regulation 14 and Syllabus No. 497 shall complete the full course for the final year of his respective course, and in addition the following courses:

Honours Lectures—2 hours a week	-	-	-	£15	15	0
Laboratory Project—250 hours total	-	-	-	15	15	0

13. FEES.

- (a) For attendance at lectures, practical work and annual examination the fees shall be those prescribed in the schedule of subjects for the degree (see Clauses 5 to 9 above the Ordinary degree and Clause 12 above for the Honours degree).
- (b) For a special examination (theoretical or practical or both) in any University subject the fee shall be £5 5s.
- (c) The fees for subjects and examinations of the South Australian Institute of Technology shall be as prescribed by that institution.
- (d) The cost of attendance on excursions and/or at camps is not included in the fees listed above. See separate statement on page 676.

OF THE DEGREE OF MASTER OF ENGINEERING REGULATIONS

1. (a) A candidate for the degree of Master of Engineering shall be a Bachelor of Engineering in the University of Adelaide or shall be a graduate in Engineering of some other University recognised by the University of Adelaide for the purpose.

(b) A graduate of another University shall not be accepted as a candidate for the degree unless in the opinion of the Faculty of Engineering the degree that he holds is equivalent to the degree of Bachelor of Engineering, and would be acceptable for admission *ad eundem gradum* in the University of Adelaide.

2. A candidate who has qualified for the degree of Bachelor of Engineering in the University of Adelaide at Honours or credit standard, or who holds in another University a qualification accepted by the Faculty of Engineering as adequate, may proceed to the degree of Master of Engineering in accordance with the provisions of either Regulation 3 or Regulation 4. All other candidates will be required to comply with the provisions of Regulation 4.

3. To qualify for the degree under this Regulation a candidate shall—

- (a) under the direction of a supervisor or supervisors appointed by the Faculty pursue for at least one calendar year a course of advanced study and either concurrently or subsequently carry out original research on a subject approved by the Faculty;
- (b) if so required by the examiners pass an examination on his course of advanced study;
- (c) present a satisfactory thesis embodying the results of his original research;
- (d) if so required by the examiners, pass an examination, which may be written or oral or both, on the subject-matter of his thesis and subjects cognate thereto; and
- (e) have had at least two years' appropriate practical engineering experience approved by the Head of the Department concerned. If so required by the Head of the Department concerned a candidate shall submit a written report on his practical engineering experience.

4. To qualify for the degree under this Regulation a candidate shall—

- (a) present a satisfactory thesis which may be (i) an original design for some engineering work, or (ii) an account, giving evidence of ability on the part of the candidate to cope successfully with engineering difficulties, of some engineering work for the design or construction of which the candidate has been largely responsible, or (iii) an account of some original inquiry or investigation made by him into some matter connected with engineering;
- (b) if so required by the examiners, adduce sufficient evidence of the originality of his design or thesis;
- (c) if so required by the examiners, pass an examination in that branch of work from which the subject of the thesis is taken; and
- (d) submit evidence satisfactory to the Faculty that he has had at least three years' practical experience in appropriate engineering work.

5. Every candidate shall submit for approval by the Faculty of Engineering the subject of his advanced study and original research under Regulation 3 or of his thesis under Regulation 4 at least nine months before the date on which he expects to submit his thesis for examination.

‡6. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.†

The Faculty will then nominate examiners, who may recommend that the thesis—

- (a) be accepted; or
- (b) be sent back to the candidate for revision; or
- (c) be rejected.

*7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

‡ Awaiting allowance at time of printing. * Allowed 18th October, 1956.
Allowed 22nd January, 1953.

† These directions are published on page 687.

Schedule of Fees prescribed by the Council under Regulation 7

Annual Registration Fee for full-time students	-	-	£42	0	0
Annual Registration Fee for part-time students	-	-	21	0	0
On presentation or re-presentation of the thesis	-	-	10	10	0
On entry for any examination required	-	-	10	10	0
On admission to the degree	-	-	10	10	0

OF THE DEGREE OF BACHELOR OF LAWS AND OF THE FINAL CERTIFICATE IN LAW

REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Laws and a Final Certificate in Law.

2. A candidate before entering upon the course for either degree of Bachelor of Laws or for the Final Certificate in Law shall matriculate in the Faculty of Law.

*3. (1) To qualify for the Ordinary degree of Bachelor of Laws a candidate shall—

- (a) pass in the following subjects:
 - (i) Elements of Law (501);
 - (ii) Constitutional Law I (502);
 - (iii) Criminal Law and Procedure (503);
 - (iv) The Law of Contract (504);
 - (v) The Law of Torts (505);
 - (vi) The Law of Property (506);
 - (vii) Constitutional Law II (507);

* Allowed 17th December, 1959.

- (viii) Jurisprudence (508);
- (ix) Roman Law (509) *or* International Law (510);
- (x) Legal History (511);
- (xi) Equity (512);
- (xii) Mercantile Law I (513);
- (xiii) Private International Law (514) *or* Family Law (515);
- (xiv) Mercantile Law II (516) *or* Administrative, Local Government and Industrial Law (517);
- (xv) The Law of Evidence and Procedure (518);

(b) pass in two subjects, other than the Science subjects, available for the Ordinary degree of Bachelor of Arts and approved by the Faculty of Law: a candidate who has not in the opinion of the Faculty attained a sufficient standard in British History may be required to take History IC as one of these two subjects; and

(c) produce a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics and Accounts (521).

(2) A graduate in Arts of the University or of any other University recognised by the University shall be granted status for the two subjects prescribed in sub-section (b) of section (1) of this regulation.

(3) A course in Taxation Law (519) will be available as a post-graduate subject. In special circumstances, students may, subject to the approval of the Faculty, attend this course in their final year.

*3A. (1) To qualify for the Honours degree of Bachelor of Laws a candidate shall—

(a) pass at the first attempt in all subjects required for the Ordinary degree of Bachelor of Laws; provided that in exceptional cases the Faculty may waive the requirement of passing at the first attempt; and

(b) obtain twelve or more 'Honours points' in the aforesaid subjects, excluding the two Arts subjects under Regulation 3 (1) (b). 'Honours points' shall be calculated on the basis that a Distinction equals one and a half 'Honours points' and a Credit equals one 'Honours point'; and

(c) pass, in addition, at the first attempt, in the final year of his course for the Ordinary degree, a General Honours Examination of not more than two papers, for the answering of which access may be allowed to the Law Library.

(2) A candidate who satisfies the requirements of sub-Regulation (1) of this Regulation shall be awarded the Honours degree of Bachelor of Laws, but the Faculty shall decide, after consideration of the whole of his work for the degree including all his examination results, whether the degree shall be awarded with First or Second Class Honours.

(3) A candidate who has been granted status by virtue of clause 7 of Chapter XXV of the University Statutes, or by virtue of Regulations 18 and 19 of these Regulations, may be awarded the Honours

* Allowed 17th December, 1959; amendment awaiting allowance at time of printing.

degree of Bachelor of Laws if the Council so decides, notwithstanding that he has not completely satisfied the requirements of sub-Regulation (1) of this Regulation.

4. To obtain the Final Certificate in Law a candidate shall

- (a) pass in all the following subjects:
 - (i) Elements of Law,
 - (ii) Constitutional Law I,
 - (iii) Criminal Law and Procedure,
 - (iv) The Law of Contract ,
 - (v) The Law of Torts,
 - (vi) The Law of Property,
 - (vii) Equity,
 - (viii) Mercantile Law,
 - (ix) The Law relating to Companies, Partnership, Bankruptcy and Divorce,
 - (x) The Law of Evidence and Procedure; and
- (b) produce a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics and Accounts.

*5. Except by special permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite subject or subjects prescribed by the Faculty from time to time and set out in the syllabus for the subject concerned.

*5A. Without the special permission of the Faculty, no candidate may enrol for lectures in Legal Ethics and Accounts until he has completed three years of a degree or final certificate course.

6. Annual examinations shall be held in November and supplementary examinations shall be held in February or March in each year. Subject to the provisions of Regulation 5, a candidate may sit for a supplementary examination in any subject or subjects, provided that he sat for the immediately preceding annual examination in such subject or subjects.

7. No candidate shall present himself for examination in any subject unless he shall have gained credit for attendance at three-fourths of the lectures given in that subject in each term of the year; provided that any candidate so long as he is articled to a practitioner of the Supreme Court whose office is more than ten miles distant from the University shall be exempt from the requirements of this Regulation.

8. If in any subject a candidate does not pass either at the annual or at the supplementary examination he shall again comply with the requirements of Regulation 7 in respect of such subject before again presenting himself for examination in that subject.

9. Written and practical work done by a candidate and the results of terminal or other examinations in any subject may be taken into consideration at the annual or supplementary examination for that subject; and a candidate may be required to submit himself for a *viva voce* examination in any subject in addition to the written

* Allowed 17th December, 1959.

examinations. All students whether exempted from attendance at lectures or not shall do such written and practical work as may be required by the lecturer.

10. All students shall be classified as proceeding either to the degree of Bachelor of Laws, or to the Final Certificate, but any student may at any time (even after obtaining the Final Certificate) be removed from one class into the other on application to the Faculty of Law, and all subjects in which he has passed while in the one class will be credited to him in the other.

**10A. Without special permission of the Faculty, no student enrolled for the degree of Bachelor of Laws may enrol or submit for examination in more than three subjects in any one year during the first three years of the course if he is engaged in any activity or employment (whether for reward or not) which requires regular attention in the day-time of any day on which lectures are held for courses in which the student seeks enrolment.

*11. There shall be three classifications of pass at an annual or supplementary examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order.

The results of all annual and supplementary examinations in Law shall be transmitted by the Registrar to the Chief Justice of the Supreme Court of South Australia.

12. Schedules defining the scope of the subjects of study, and appointing text-books, shall be drawn up by the Faculty, subject to the approval of the Council, and students will be required to show not merely an acquaintance with those books, but also a competent knowledge of the subjects of study.

13. The Intermediate Examination in Law shall consist of Elements of Law and either Criminal Law and Procedure or Constitutional Law, Part I.

†14. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

‡15. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

16. The Faculty of Law may grant to any student such exemption from the requirements of Regulations 5, 6, 7, 8, 9, and 14, and upon such conditions, as it shall decide.

* Allowed 22nd December, 1955.

** Allowed 28th July, 1959.

† Allowed 20th December, 1956.

‡ Allowed 18th October, 1956

Allowed 22nd January, 1953.

††17. All previous regulations concerning the degree of Bachelor of Laws and the Final Certificate in Law are hereby repealed.

††18. A candidate who passed in Mercantile Law under the Regulation 3 in force in 1959 will be given status for the subject Mercantile Law I under the current Regulation 3; a candidate who passed or passes in The Law Relating to Companies, Partnership, Bankruptcy and Divorce under Regulation 3 in force in 1959 will be given status in Mercantile Law II under the current Regulation 3.

††19. A candidate may, at any time, apply to the Faculty of Law for status under these Regulations and shall be granted such status thereunder as the Faculty may in each case determine.

†† Allowed 17th December, 1959.

Allowed 22nd January, 1953.

NOTES (which do not form part of the Regulations).

(1) The Faculty of Law recommends:

(a) that candidates for the LL.B. degree take their subjects according to the following scheme:

First Year: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); two Arts subjects.

Second Year: The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507).

Third Year: Jurisprudence (508); Roman Law (509) or International Law (510); Legal History (511); Equity (512); Mercantile Law I (513).

Fourth Year: Private International Law (514) or Family Law (515); Mercantile Law II (516) or Administrative, Local Government and Industrial Law (517); The Law of Evidence and Procedure (518).

(b) that candidates for the Final Certificate take their subjects according to the following scheme:

First Year: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503).

Second Year: The Law of Contract (504); The Law of Torts (505); The Law of Property (506).

Third Year: Equity (512); Mercantile Law.

Fourth Year: The Law Relating to Companies, Partnership, Bankruptcy and Divorce (520); The Law of Evidence and Procedure (518).

(2) For the purpose of Regulation 3 (1) (b) above the Faculty has approved as Arts subjects, without application by the student—Greek I, Latin I, French I, German I, English I, Philosophy I, General Mathematics or Mathematics I, Ancient History, History IA or History IB or History IC, Psychology IA or I, Geography I, Social Economics, Politics I.

Special application must be made to the Faculty for permission, which may be granted on such conditions as the Faculty thinks fit, to take subjects other than these.

Schedule of Fees prescribed by the Council under Regulation 15

A. Entrance fee - - - - -	£3 3 0
B. For attendance (or re-attendance) at lectures and examination in each legal subject of the course -	15 15 0
C. For attendance at the course of lectures in Legal Ethics and Accounts - - - - -	5 5 0
D. For attendance (or re-attendance) at lectures and examination in any Arts subject: the fee prescribed in the schedule for the Ordinary degree of Bachelor of Arts.	
E. For examination in Justinian's Institutes - - -	5 5 0
F. For the additional examination required for the Honours degree of Bachelor of Laws - - -	15 15 0
G. For the Final Certificate - - - - -	5 5 0
H. For a supplementary examination in any subject -	5 5 0
J. For attendance at the course of lectures in Taxation Law - - - - -	7 17 6

RULES OF THE SUPREME COURT

The Rules of the Supreme Court respecting the admission of legal practitioners which concern students of Law in the University are here printed for convenience of reference, but students are advised to consult the Rules in full:—

PRELIMINARY.

2. (1) The rules regulating the admission of Barristers, Attorneys, Solicitors, and Proctors made on the 17th day of August, 1936, are hereby annulled.

(2) The annulment shall not affect the previous operation of any rule so annulled, or anything duly done thereunder.

(3) Any person who, before the 31st day of December, 1952, had entered upon the course of study prescribed for the degree of Bachelor of Laws, or the Final Certificate in Law at the University of Adelaide by the regulations of the University then in force, and who shall be allowed by the Council of the University to complete the course for the degree or the Final Certificate under such regulations, shall be entitled to apply for admission as a practitioner, if he has qualified for admission under the annulled Rules, but Rules 8 to 10, 16 to 25, and 30 to 46 (all inclusive) of these rules shall apply to every such person.

3. In these Rules, unless the contrary intention appears—

“Board” or “Board of Examiners” means the Board of Examiners of the Supreme Court of South Australia:

“Court” means the Full Court:

“Degree of Bachelor of Laws” means the degree of Bachelor of Laws in the University of Adelaide:

“Law Society” means the Law Society of South Australia Incorporated:

"Master" means the Master of the Supreme Court of South Australia, and includes the Deputy Master:

"Practitioner" means a Barrister, Attorney, Solicitor, and Proctor of the Supreme Court of South Australia:

"Reciprocating part of the British Commonwealth" means any part of the British Commonwealth, in regard to which the Court is satisfied that the standard of qualification for admission is at least equal to the standard in this State, and that corresponding eligibility for admission of Practitioners of the Supreme Court of this State exists:

"Supreme Court" means the Supreme Court of South Australia:

"The State" or "this State" means the State of South Australia:

"University" means the University of Adelaide:

Words importing the masculine gender shall be deemed and taken to include the feminine gender, and the singular to include the plural and the plural the singular.

4. The business of the Court is to be conducted as heretofore by admitted practitioners.

PERSONS ELIGIBLE FOR ADMISSION.

5. (1) A person who is of good fame and character, and who has attained the age of twenty-one years, and is a British subject may apply to be admitted as a practitioner if such person is:—

(a) A clerk who has served the prescribed period of articles of clerkship, and has passed or been credited with the examinations prescribed by these Rules.

(b) A member of the bar in England, or of Northern Ireland.

(c) A Scottish Advocate.

(d) A Solicitor of the Supreme Court of Judicature in England, or of the Supreme Court of Northern Ireland, or a person admitted or deemed to be admitted as a solicitor in Scotland.

(e) A Barrister or Solicitor of the Supreme, or Superior Court of a reciprocating part of the British Commonwealth.

(2) An applicant mentioned in sub-paragraphs (b), (c), (d) and (e) of the preceding sub-rule is in these Rules referred to as "an applicant previously admitted elsewhere."

LAW EXAMINATIONS.

6. No person (other than an applicant previously admitted elsewhere) shall be admitted until he has satisfied the ¹Board of Examiners that:—

(a) he has taken, or has passed or been credited with the examinations entitling him to take, the degree of Bachelor of Laws of the University of Adelaide, or that he has obtained the Final Certificate in Law of the University of

¹ The Board of Examiners of the Supreme Court of South Australia.

Adelaide certifying that he has passed or been credited with prescribed examinations in the following subjects namely:—

- (i) Elements of Law,
 - (ii) Constitutional Law, Part I,
 - (iii) Criminal Law and Procedure,
 - (iv) The Law of Contract,
 - (v) The Law of Torts,
 - (vi) The Law of Property,
 - (vii) Equity,
 - (viii) Mercantile Law,
 - (ix) The Law relating to Companies, Partnership, Bankruptcy, and Divorce,
 - (x) The Law of Evidence and Procedure; and
- (b) he has produced to the Faculty of Law of the University of Adelaide a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics.

PERIOD OF ARTICLES

7. The period for which an applicant (not previously admitted elsewhere) is required to serve under articles is four years
Provided—

- (1) that any applicant who has obtained, or become qualified to receive the degree of Bachelor of Laws of the University shall be eligible for admission after serving under articles for not less than three years, and
- (2) that any applicant who has—
 - (a) obtained the said degree, and
 - (b) served under articles for at least one year after obtaining, or becoming qualified to receive, the same shall be eligible for admission after serving under articles for not less than two years.

8. In the case of a person articulated to a practitioner practising in the country one year of the period of articles prescribed by the preceding Rule may be served with the Adelaide agent of such practitioner, and the employment of the clerk as a *bona fide* pupil of the Adelaide agent, or his partner (if any) for such period of one year shall be deemed to be service under his articles of clerkship.

9. Any period during which a clerk has been or has acted as associate to a Judge of the Supreme Court of the State may be deemed by the Board to be a period served as an articulated clerk to a practitioner.

10. No articles of clerkship shall bind a clerk to service after he has been admitted as a practitioner.

ENTRY INTO ARTICLES OF CLERKSHIP

11. No person may enter into articles of clerkship unless
- (a) he has been matriculated, and has passed the Intermediate Examination in Law at the University;

- (b) he has given to the ¹Master, and to the ²Law Society at least twenty-one clear days notice of his intention to enter into articles. Such notice shall be in Form A in the schedule hereto, and shall contain the particulars therein prescribed.

Provided that, where any person has been required by notice (Form B) to attend personally before the Board and to satisfy it of his good character and fitness to enter into articles, such person shall not enter into articles until the Board has given its consent in writing thereto.

14. Within one month after the execution of his articles the articted clerk shall—

- (a) file the articles in the office of the ¹Master together with an affidavit verifying the due execution thereof;
- (b) produce to the Master a certificate, or certificates by the University showing that the clerk has the qualifications required by Rule 11;
- (c) file in the office of the Master a copy of every such certificate; and
- (d) serve on the ²Law Society copies of the said affidavit and of every such certificate, and of any consent, decision or determination given or made by the Board pursuant to the proviso to Rule 11, or to Rule 7, as the case may require.

15. Within one month after the execution of any supplementary articles, or of any assignment of any articles, the clerk shall—

- (a) file in the office of the ¹Master the supplementary articles, or the assignment together with an affidavit verifying the due execution; and
- (b) serve on the ²Law Society a copy of the said affidavit and of any decision or determination of the Board given or made pursuant to Rule 22 (2), or to the proviso to Rule 7.

SERVICE UNDER ARTICLES.

16. No clerk shall be articted to a practitioner who has not been in practice in this State as a principal for a continuous period of five years, unless the practitioner is the Crown Solicitor of this State or the Deputy Crown Solicitor for the Commonwealth in this State.

17. No practitioner shall have more than two articted clerks serving under articles at the same time.

18. No practitioner shall take, or retain any articted clerk after he has ceased to practise as a practitioner, or whilst he is employed as a clerk by another practitioner.

19. (1) Subject to these Rules, every articted clerk shall during the whole term of his articles be actually employed in this State in the proper business, practice and employment of a practitioner under the personal supervision of—

- (a) the practitioner practising in this State to whom he is articted; or

¹The Master of the Supreme Court of South Australia.

²The Law Society of South Australia Incorporated.

- (b) a partner of the practitioner; or
- (c) a practitioner who for the time being is carrying on the business of the practitioner to whom the clerk is articulated.

Provided that (for the purposes of clause (b) or (c) as the case may be) the partner or practitioner shall have been in practice in this State as a principal for a continuous period of five years.

(2) The Assistant Crown Solicitor shall for the purpose of this Rule be deemed to be a partner of the Crown Solicitor for the State.

20. (1) No articulated clerk shall during the period of his articles pursue any occupation or business other than the proper business of the practitioner to whom he is articulated or his partner (if any).

(2) A clerk articulated to the Crown Solicitor of the State, or the Deputy Crown Solicitor for the Commonwealth in this State, shall not be deemed to pursue any such occupation or business by reason merely of the fact that he is a public servant.

21. Absence on duty as a member of the naval, military, or air forces of the Commonwealth of Australia under the National Service Act 1951-1953 or otherwise shall not terminate a clerk's articles, but any period of such service which exceeds sixteen days in any one year shall not be deemed service under articles unless the Court otherwise determines.

APPLICATIONS AND APPEALS

41. Applications for admission shall be made only on the first Tuesday in the month of March, and on the first Monday in the months of June and October in each year, and on such other days as the Court may specially appoint.

EXEMPTIONS

46. The Court, if under special circumstances it thinks fit so to do, may exempt any person from compliance, or further compliance with any of these Rules either entirely, or partially, or subject to conditions.

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.

* Allowed 7th December, 1939.

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. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.†

6. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Master of Laws.

†7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar

** Awaiting allowance at time of printing. † Allowed 18th October, 1956.
Allowed 10th December, 1930. ‡ These directions are published on page 687.

Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the thesis - - - - -	£10 10 0
On entry for any examination required - - - - -	10 10 0
On admission to the degree - - - - -	10 10 0

OF THE DEGREE OF DOCTOR OF LAWS REGULATIONS

*1. A Bachelor or Master of Laws may proceed to the degree of Doctor of Laws by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fourth academic year from his admission to the degree of Bachelor of Laws.

2. Every candidate shall present an original thesis of sufficient merit exhibiting powers of original research on some branch or subject of law proposed by him and approved by the Faculty of Law. He must satisfy the examiners by such proof as they shall require that the thesis is his own composition.

3. The examiners may, if they think fit, examine the candidate either orally or by written questions in the subject matter of his thesis.

‡4. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in subparagraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar will transmit two of the copies to the University Library.

* Allowed 10th December, 1930. ‡ Awaiting allowance at time of printing.

5. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Doctor of Laws.

*6. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

†7. Repealed.

* Allowed 18th October, 1956. † Repealed 10th December, 1930.
Allowed 12th December, 1907.

Schedule of Fees prescribed by the Council under Regulation 6

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

OF THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY REGULATIONS

1. The course of study for the degrees of Bachelor of Medicine and Bachelor of Surgery shall extend over six years after matriculation.

2. To qualify for the degrees a candidate shall

- (a) attend lectures and do written and laboratory or other practical work to the satisfaction of the Professors or Lecturers concerned;
- (b) pass an annual examination at the end of each year of study; and
- (c) complete each annual examination before entering upon the work of the following year's course of study: provided that a candidate may begin the first term's work in the following year's course of study pending the result of a supplementary examination for which he has been permitted to present himself.

‡3. A candidate shall enter for each annual examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has completed the course of study and practice prescribed for that examination.

4. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken and the examinations to be passed, shall be drawn up by the Faculty of Medicine and submitted to the Council. Such schedules shall become effective as from the date of approval of the Council or from such other date as the Council may determine and shall be published in the next University Calendar which is issued after that approval has been given.

5. Written or practical work done by candidates by direction of the Professors or Lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

‡Allowed 20th December, 1956.

6. A student who has passed examination *in pari materia* in other Faculties or otherwise, and desires that such examination shall be counted *pro tanto* for the degrees of Bachelor of Medicine and Bachelor of Surgery in any year, shall on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.

7. The Board of examiners may grant a supplementary examination to a student who has been prevented by illness or other sufficient cause from attendance at the whole or part of the annual examination at the end of the first, second, third, fourth or fifth year or who has failed in part of such examination. But if he fail to pass in such supplementary examination he shall be required to pass at an ordinary examination in all the subjects of the examination before proceeding further with his course. A candidate who fails to pass an examination shall do such additional work as the Faculty may direct before presenting himself for a further annual examination.

*8. Subject to any direction given by the Council in case of emergency, the annual examination shall be held in or about August or November, as the Council shall in each case determine from time to time. The supplementary examinations of the first five years shall be held about three months after the annual examinations. The annual examination at the end of the sixth year's course shall be known as the Final Examination. A Final Examination shall also be held in May or June, On the recommendation of the Board of Examiners the Faculty may debar any candidate who has failed in a Final Examination from presenting himself at a subsequent Final Examination until a period of twelve months shall have elapsed since that failure. Before sitting for a further Final Examination a candidate shall produce a certificate or certificates that he has performed such further study as may have been prescribed by the Board of Examiners. At its discretion the Board may permit a candidate who failed at a Final Examination in only one group of subjects to present himself in that group of subjects only at the next examination, and if he satisfy the examiners in that group he shall be deemed to have passed the whole examination.

9. A student shall not be re-examined at a supplementary examination in any subject or group of subjects in which he had passed at an annual examination; and on passing the supplementary examination in the subject or in the group of subjects in which he had failed to present himself or to pass at an annual examination he shall be deemed to have completed the whole of that annual examination, but without classification.

10. The Registrar shall report to the Faculty of Medicine, at its next meeting following that of the Board of Examiners, cases of students in the first, second, or third year of the medical course who fail to pass at two successive annual examinations. The Faculty may, after giving the student an opportunity of being heard, recommend that any such student be precluded from proceeding further with the medical course. Such recommendation shall be reported to the Council at its next meeting, and the Council, after making such inquiry as it thinks fit, may confirm, vary, or set aside such recommendation.

* Amended 20th December, 1956, and 9th January, 1958.

†11. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order: provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classed at that annual examination.

† 12. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

13. All regulations hitherto in force concerning the degrees of Bachelor of Medicine and Bachelor of Surgery are hereby repealed: provided that this repeal shall not affect

- (a) anything done or suffered under any regulations hereby repealed or
- (b) any right or status acquired, duty imposed, or liability incurred by or under any regulation hereby repealed.

† Allowed 22nd December, 1955.

† Allowed 18th October, 1956.

Allowed 25th August, 1955.

SCHEDULES.

[Notes:—1. The Hospital Clinical Year begins on the 1st February. 2. Candidates should obtain the descriptive leaflet on the Medical Course, which gives details of the scientific equipment required by each student before commencement of the various years of the course.]

I. SCHEDULE OF COURSES OF STUDY.

A. Lectures, Practical Work, etc.

During the first year the student shall attend courses of lectures and practical work in (a) Physics, (b) Chemistry, (c) Biology, and undertake a course of study in Medicine and the Humanities.

During the second year the student shall

- (a) attend a course of lectures and demonstrations in Anatomy, and dissect during the whole academic year;
- (b) attend courses of lectures and practical work in Histology and Embryology;
- (c) attend a course of lectures and practical work in Biochemistry;
- (d) attend a course of lectures and practical work in Physiology.

During the third year the student shall

- (a) attend a course of lectures and practical work in Anatomy, including surface, surgical and radiological anatomy;
- (b) attend a course of lectures and practical work in Neurology;
- (c) attend courses of lectures and practical work in Physiology, Applied Physiology and Pharmacology.
- (d) during the third term attend such courses of instruction in introductory clinical work, including General Pathology, Bacteriology, Normal Psychology, Public Health, Anaesthetics, and Human Genetics, as may be prescribed by the Faculty; and attend at the Royal Adelaide Hospital for clinical tutoring as directed by the Faculty.

During the fourth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine and Medical Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and in Clinical Surgery (including Radiology);

- (d) attend a course of instruction and practical work in General Pathology in the first two terms, and in Special Pathology in the third term;
- (e) attend a course of instruction and practical work in Bacteriology in the first two terms;
- (f) attend a course of lectures in Applied Physiology and Pharmacology in the first two terms;
- (g) attend a course of instruction in Pharmacy and complete it to the satisfaction of the Lecturer therein.
- (h) attend at least forty *post-mortem* examinations.

During the fifth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine including Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and Clinical Surgery at the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (d) attend a course of lectures in Obstetrics and Gynaecology;
- (e) attend a course of lectures in Ophthalmology;
- (f) complete the course of instruction and practical work in Special Pathology;
- (g) attend a course of lectures and demonstrations in Public Health and Preventive Medicine;
- (h) attend a course of lectures in Forensic Medicine;
- (i) attend courses of lectures in the Medical and Surgical Diseases of Children, including three demonstrations at Mareeba Babies' Hospital;
- (j) complete a course of instruction in Venereal Diseases including six attendances at the Venereal Clinic at the Royal Adelaide Hospital;
- (k) complete a course of instruction consisting of 12 attendances at the Metropolitan Infectious Diseases Hospital or other institution approved by the Faculty;
- (l) attend at least forty *post-mortem* examinations;
- (m) attend the Interim Examination in Clinical Surgery.

During the sixth year the student shall

- (a) attend courses of lectures in Clinical Medicine and in Clinical Surgery;
- (b) attend the course of lectures on the Diseases of the Ear, Nose, and Throat;
- (c) attend a course of lectures and clinical demonstrations in Psychological Medicine;
- (d) attend a course of instruction in Pulmonary Tuberculosis, consisting of six lecture-demonstrations and six attendances at the Outpatients' Department of the Pulmonary Tuberculosis Department;
- (e) attend a course of instruction in Anaesthetics at the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (f) attend a course of instruction in Dentistry at the Dental Department of the Royal Adelaide Hospital;
- (g) attend a course of lectures in the Principles of Medical Practice, including Medical Ethics and Life Assurance;
- (h) attend the Interim Examination in Clinical Medicine.

B. Clinical Instruction.

During the Fourth, Fifth and Sixth Years the student shall:

- (a) attend the medical and surgical practice of the Royal Adelaide Hospital and/or the Queen Elizabeth Hospital in the wards and in the outpatients' department; and receive tutorial instruction in Medicine and Surgery;
- (b) perform the duties of a medical clerk for 33 weeks;
- (c) perform the duties of a surgical dresser for 33 weeks;
- (d) hold the office of medical clerk in the outpatients' department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for two days a week during 11 weeks;
- (e) hold the office of surgical dresser in the outpatients' department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for two days a week during 11 weeks;

- (f) attend for 6 weeks the gynaecological practice of the Royal Adelaide Hospital or the Queen Elizabeth Hospital in the wards and in the out-patients' department;
- (g) reside for at least 7 weeks in the Queen Victoria Maternity Hospital or the Queen Elizabeth Hospital (Maternity Section) for clinical work in Obstetrics, and attend during this period on at least five occasions at an approved Infant Welfare Clinic;
- (h) hold for at least 5 weeks each the offices of medical clerk and surgical dresser at the Adelaide Children's Hospital; and reside for at least one week in that hospital;
- (i) attend for two sessions a week during 5 weeks the practice of the Ophthalmological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (j) attend two sessions a week during 5 weeks the practice of the Ear, Nose and Throat Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital;
- (k) attend on 10 occasions the practice of the Dermatological Department of the Royal Adelaide Hospital or the Queen Elizabeth Hospital.

II. SCHEDULE OF EXAMINATIONS MADE BY THE COUNCIL UNDER REGULATION 4.

1. At the First Annual Examination the candidate shall satisfy the examiners in each of the following subjects:
 1. Physics (531)
 2. Chemistry (532)
 3. Biology (269).
 4. Medicine and the Humanities (534). (Candidates must satisfy the examiner in this subject before being permitted to proceed with the work of the Third Year of the course.)
2. At the Second Annual Examination the candidate shall satisfy the examiners in each of the following subjects:
 1. Biochemistry (541)
 2. Histology and Embryology (542).
3. At the Third Annual Examination the candidate shall satisfy the examiners in each of the following subjects:
 1. Anatomy (546)
 2. Human Physiology (547).
4. At the Fourth Annual Examination the candidate shall satisfy the examiners in each of the following subjects:
 1. General Pathology (551)
 2. Bacteriology (552)
 3. Applied Physiology and Pharmacology (553).
5. At the Fifth Annual Examination the candidate shall satisfy the examiners in each of the following groups of subjects:
 1. Special Pathology (561)
 2. Public Health and Preventive Medicine (562), and Forensic Medicine (563).
6. At the Final Examination the candidate shall satisfy the examiners in each of the following groups of subjects:
 1. The Principles and Practice of Medicine, including Medical Diseases of Children and Psychological Medicine (571)
 2. The Science and Art of Surgery, including Surgical Diseases of Children and Diseases of the Eye, Ear, Nose and Throat (572)
 3. Obstetrics and Gynaecology (573).

III. SCHEDULE OF FEES PRESCRIBED BY THE COUNCIL UNDER REGULATION 12.

- A. For attendance (or re-attendance) at lectures, practical work and annual examination:
- | | |
|--|----------|
| (1) In each of the first, second and third years - - | £100 0 0 |
| (2) In each of the fourth, fifth and sixth years - - | 90 0 0 |
- B. For a supplementary examination:
- | | |
|--|---------|
| (1) In any single subject - - - - - | £5 5 0 |
| (2) In any group of subjects - - - - - | 10 10 0 |

Note: All medical students in the fourth, fifth and sixth years shall also pay the following annual fees for distribution to the various teaching hospitals and honorary staffs:

Teaching Hospitals Fees - - - - -	£10 5 0
Clinical Instruction Fee - - - - -	24 0 0
Obstetrics Residence Fee - - - - -	13 6 8

These fees supersede those mentioned in the following rules for admission of medical students to the various teaching hospitals.

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 right accruing therefrom.

Clerks and Dressers.

7. Every Clerk and Dresser shall—

- (a) be appointed every term, and may apply for appointment under any Honorary Officer; appointments shall be allotted by the Medical Superintendent, who will be guided by the result of the University examinations;
- (b) attend at 8.30 a.m. and sign his name in a book provided for that purpose; the book shall be removed at 9.15 a.m. for inspection by the Registrar, to whom any failure to attend must be explained;
- (c) at 9 a.m. attend the wards and accompany his Honorary Officer during his visits, and on other days his Resident Medical Officer when making his round of the wards in the morning; assist him and be under his immediate supervision, and perform any surgical dressings or pathological examinations as directed by him; assist the Surgeon and the House Surgeon in operations upon cases allotted to him; at 12.30 p.m. leave the wards, to which he may return at 1.30 p.m.;
- (d) take the new cases allotted to him in turn (these must be recorded within twenty-four hours of admission); make subsequently, at least twice a week, written notes to be read by the Honorary Officer, if required;
- (e) attend the out-patient practice of the Hospital when directed by the Medical Superintendent and do whatever work may be required of him;
- (f) attend post-mortem examinations, and if in charge of the case while in the ward assist the Pathologist in the examination;
- (g) in his capacity as a student, if a clinical clerk, and under the direction of, and in the presence of the Pathologist, carry out any post-mortem examination required of him (a record of the examinations made by him will be kept in the attendance-book at the mortuary);
- (h) if present at a post-mortem examination, sign his name in the attendance-book, which will be countersigned by the Pathologist.
- (i) at the end of each term, if he has fulfilled these conditions, obtain certificates signed by his Honorary Officers, and at the end of the year by the Medical Superintendent, and countersigned by the Chairman of the Board; if the conditions have not been fulfilled the Dean of the Faculty of Medicine shall be informed.

Resident Dressers for Casualty Duties.

8. The group of dressers allotted to the Honorary Surgeons shall, during the period the surgeon is taking in cases, be appointed to the following Hospital duties:—

9. Two such dressers shall be permitted to reside in the Hospital and be on duty from 5 p.m. to 9 a.m.

10. There shall be two dressers of the group on casualty duty each day from 9 a.m. to 1 p.m., and two from 1 p.m. to 5 p.m.

11. Each dresser during his term of Hospital duties shall be under the supervision of the Admitting Medical Officer, and shall not administer any treatment except when directed by him.

12. Dressers when performing casualty duties shall—
 (a) assist the Admitting Medical Officer in the Casualty Room;
 (b) examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;
 (c) attend or assist at emergency operations, as directed by the Medical Superintendent;
 (d) write, at the dictation of the Admitting Medical Officer, a summary of investigation and emergency treatment carried out, and submit such to the Resident Medical Officer to whom the patient is assigned.
13. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.
14. }
 15. } Suspended.
 16. }
17. Every medical student shall pay to the University the following fees for admission to the practice of the Royal Adelaide Hospital, as determined by the Hospital Board, viz.
 (1) For clinical instruction by the Honorary Staff:—
 £17/17/0 per annum in each of the 4th, 5th and 6th years of the course.
 (2) For the clinical practice of the Hospital (including instruction in Dentistry and material supplied for use in operating theatres):—
 £7/7/0 per annum in each of the 4th, 5th and 6th years of the course.
 Approved by the Council, 1925 and 1933.

INSTITUTE OF MEDICAL AND VETERINARY SCIENCE
 RULES FOR MEDICAL STUDENTS

1. The Adelaide Medical Students' Society shall early in each academic year appoint a Committee which shall be responsible for the care of any property at the Institute of Medical and Veterinary Science used by medical students. One of the members of the Committee shall be appointed secretary of the Committee. The members of the Committee shall hold office until their successors are appointed.
2. The names of the members of the Committee shall be forwarded annually by the secretary of the Committee to the Registrar of the University and the Secretary of the Institute.
3. In the event of damage being caused by students to the grounds or property of the Institute, the Secretary of the Institute shall at once report the fact to the Secretary of the Committee.
4. The members of the Committee shall consider any report given under paragraph 3 and if satisfied that the damage reported has been caused by students shall hold themselves responsible to make good the damage to the satisfaction of the Director of the Institute.
5. If the members of the Committee are not satisfied that the damage has been caused by students they shall inform the Secretary of the Institute and report at once to the Registrar of the University in order that he may arrange a conference between them and representatives of the Council of the Institute. If no understanding is then reached a joint letter from the conference shall be sent to the Board of Discipline.
6. No student may introduce visitors into the Institute without the permission of the Director of the Institute.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE
 ADELAIDE CHILDREN'S HOSPITAL

Medical students of the University are admitted to the practice of the Adelaide Children's Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that the Board of Management may make from time to time:—

1. Students may attend the practice of the Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon, and at other times if they have obtained the permission of one of the Visiting or Resident Medical Officers.
 They shall carry out their duties in the wards and outpatients' department in a manner similar to that indicated in the rules for the Royal Adelaide Hospital.
2. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.
3. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.
4. The fees to be paid are as follows:—
 For three months' course - - - - - £1 1 0
 For perpetual attendance - - - - - 2 2 0
 (These fees are to be paid to the Secretary of the Hospital.)
 For instruction in the medical and surgical practice of the hospital - - - - - 3 3 0
5. Certificates of attendance signed by the Resident Medical Officer are issued after approval of the Medical Committee of the Board of Management.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE
 QUEEN VICTORIA MATERNITY HOSPITAL

Medical students of the fourth, fifth, and sixth years are admitted to the practice of the Queen Victoria Maternity Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that may from time to time be made by the Council of the University in conjunction with the Committee of the Hospital.

1. Students shall reside in the Hospital for a period of four weeks during the fourth year, four weeks during the fifth year, and two weeks during the sixth year, and shall carry out such duties in the wards and in the ante- and post-natal departments as are required by the Director in Obstetrics and the Honorary Medical Officers in charge.
2. No student may publish the report of any case without the authority of the Director and of the Honorary Medical Officer under whose care the patient has been.

3. No student may introduce visitors into the Hospital without the permission of the Resident House Surgeon or in his absence of the Matron of the Hospital.

4. The fees to be paid are as follows:—

- (a) For board and residence in the Hospital at the rate of 69/9 a week;
- (b) for clinical work at the Hospital at the rate of £1 1/- for each four weeks in residence at the Hospital.

These fees are to be paid to the University on behalf of the Hospital, and each student must produce to the Matron a receipt for such fees before being allowed to start work in the Hospital each year.

5. Students shall be responsible for having the obstetric attendance cards obtained from the University signed by the Director and the Honorary Medical Officers, the Tutors, and the House Surgeons, or the Matron at the Hospital as required, and these signatures shall be obtained within ten days of completing such term of residence in the Hospital.

6. During their attendance at and residence in the Hospital, students shall conform to such rules of conduct as may be laid down from time to time by the Committee of the Hospital.

7. An Investigation Committee for students at the Hospital shall be constituted, of which the Director of Obstetrical Studies and one of the Senior Honorary Medical Officers of the Hospital shall be members, together with at least one other member appointed by the Committee of Management of the Hospital.

8. If any student infringes any of these rules or otherwise misconducts himself he may be temporarily suspended by the Director or the Medical Officer in charge, and such Medical Officer shall at once notify the Director of Obstetrical Studies, in order that the complaint may be considered by the Investigation Committee of the Hospital.

This Committee shall decide whether the offence merits admonition, fine, suspension for a certain time, or dismissal from the Hospital; and shall report its decision to the Board of Discipline of the University.

Provided always that should the decision of the Investigation Committee be suspension for a period or dismissal from the Hospital, the decision shall first be referred to the Committee of Management of the Hospital for confirmation or otherwise. If such decision be confirmed by the Committee of Management, it shall be reported to the Board of Discipline of the University, together with the grounds on which such decision has been taken.

9. (a) The Board of Discipline of the University shall have no power to vary such decision, but it may suggest to the Investigation Committee a variation of the penalty. The Board shall in all cases consider whether any further action shall be taken by the University.

(b) If suspension or dismissal by the Committee of the Hospital results in the student being unable to qualify to enter for his next examination in due course, the Board of Discipline, if it thinks fit, may recommend to the Faculty of Medicine that arrangements be made, if possible, for the student to do equivalent work elsewhere and thereby qualify to present himself for the next or such later examination as the Faculty may decide.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF
THE "MAREEBA" BABIES' HOSPITAL,
THE BEDFORD PARK SANATORIUM,
THE MORRIS HOSPITAL,
THE NORTHFIELD WARDS OF THE ROYAL ADELAIDE HOSPITAL.

Medical students of the University are admitted to the practice of the above Hospitals under the conditions hereinafter mentioned, and subject to any fresh rules that may from time to time be made by the Council of the University in conjunction with the Director-General of Medical Services:—

1. Each medical student admitted to the practice of the Hospital shall be under the control of the medical administrator or of the Medical Superintendent.

2. No student may publish the report of any case without the written permission of the medical officer under whose care the patient is or has been.

3. No student may introduce visitors into the Hospital without the permission of the medical administrator or of the Medical Superintendent.

4. Students shall discharge the duties assigned to them and pay for or replace any article damaged or lost or destroyed by them through negligence.

5. Certificates of attendance shall be signed for the Medical Diseases of Children, by the Clinical Lecturer; for attendance at the Bedford Park Sanatorium and the Morris Hospital, by the physician to whom the student has been attached as a Clinical Clerk; for the practice of the Northfield Wards of the Royal Adelaide Hospital, by the Tutor in Infectious Diseases.

6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Director-General of Medical Services and shall, on dismissal, forfeit all payments which he may have made and all rights accruing therefrom.

‡ OF THE HONOURS DEGREE OF BACHELOR OF MEDICAL
SCIENCE
REGULATIONS

‡1. There shall be an Honours degree of Bachelor of Medical Science which may be obtained in one of the following schools: (a) Anatomy, (b) Biochemistry, (c) Physiology, (d) Genetics, (e) Bacteriology, (f) General Pathology, (g) Pharmacology.

‡ Allowed 15th January, 1959.

‡2. (a) A candidate for the degree in Anatomy, Biochemistry, Physiology or Genetics shall have passed the Third Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, and shall be deemed by the Head of the Department concerned to be a suitable candidate for advanced work. A candidate for the degree in Genetics shall also have passed in Genetics I.

(b) A candidate for the degree in Bacteriology, General Pathology or Pharmacology shall have passed the Fourth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, and shall be deemed by the Head of the Department concerned to be a suitable candidate for advanced work.

‡3. To qualify for the degree a candidate shall either:

(a) interrupt his medical course after the Third Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery to undertake for one year a course of advanced study in Anatomy, Biochemistry, Physiology or Genetics; or

(b) interrupt his medical course after the Fourth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, to undertake for one year a course of advanced study in Bacteriology, General Pathology or Pharmacology. On the completion of the course of advanced study a candidate shall present himself for examination, and on satisfying the examiners he shall be qualified for admission to the degree.

‡4. The names of the candidates who qualify for the degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class

Second Class

Division A

Division B.

‡5. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

6. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Medicine and be submitted to and approved by the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine. The schedules shall be published as soon as practicable after that approval has been given.

7. A student who has passed examinations *in pari materia* and at equivalent standards in another Faculty or otherwise, and desires that such examinations shall be counted *pro tanto* for the degree of

‡ Allowed 15th January, 1959.

† Allowed 20th December, 1956.

Allowed 8th December, 1949.

Bachelor of Medical Science, shall on application be granted such status and such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.

Schedule of Fees prescribed by the Council under Regulation 6

For the special year's work and examination in any subject for the Honours degree - - - - - £78 15 0

**OF THE DEGREE OF DOCTOR OF MEDICINE
REGULATIONS**

1. A Bachelor of Medicine may proceed to the degree of Doctor of Medicine by complying with the following regulations, but shall not be admitted to the degree until the expiration of the third academic year from the date of his admission to the degree of Bachelor of Medicine.

A graduate in Medicine of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such a case the three academic years specified above shall be calculated from the date of the candidate's admission to the degree by virtue of which he was admitted *ad eundem gradum*.

2. To qualify for the degree a candidate shall submit a satisfactory thesis on some branch of Medicine or an allied science approved by the Faculty.

*3. The degree shall be awarded only if the thesis contains an account of original work by the candidate. The thesis must represent a definite contribution to knowledge. The thesis may be written specially for the degree, or be an already published work, or be a paper or series of papers read before any recognised society approved by the Faculty. It shall not include material which has been accepted for any other degree or diploma in any University.

4. The candidate shall:

- (a) submit with his thesis a declaration that the thesis is his own composition;
- (b) indicate wherein he considers the thesis to advance medical knowledge or practice;
- (c) furnish a history of the progress of medical knowledge in the subjects of the thesis;
- (d) indicate clearly and fully, by appropriate references, the extent to which he is indebted for any portion of his work to any other person.

A candidate is recommended to submit the proposed subject of his thesis for approval by the Faculty in advance, and if possible to consult the Professor or head of the department within which his thesis falls about the nature, scope and arrangement of the thesis before submitting it.

* Allowed 11th November, 1954; amendment awaiting allowance at time of printing.

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. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in subparagraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar will transmit two of the copies to the University Library.

10. Repealed.

11. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Allowed 18th October, 1956.

° Awaiting allowance at time of printing.

† Repeal awaiting allowance at time of printing. Allowed 10th January, 1946.

Schedule of Fees prescribed by the Council under Regulation 11

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

OF THE DEGREE OF MASTER OF SURGERY REGULATIONS

1. A Bachelor of Surgery may proceed to the degree of Master of Surgery by complying with the following regulations, but shall not be admitted to the degree until the expiration of the third academic year from the date of his admission to the degree of Bachelor of Surgery.

A graduate in Surgery of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such a case the three academic years specified above shall be calculated from the date of the candidate's admission to the degree by virtue of which he was admitted *ad eundem gradum*.

A Master of Surgery of another University will be recommended for admission *ad eundem gradum* in the University of Adelaide only if the Faculty of Medicine certify that in its opinion the degree, by virtue of which the candidate desires admission, is equivalent to the degree of Master of Surgery in the University of Adelaide.

2. A candidate for the degree shall submit: (a) evidence satisfactory to the Faculty of Medicine of his having had special training in Surgery including at least two years' such training in a teaching hospital recognised by the Faculty for the purpose; (b) a thesis embodying the results of original work relevant to the science or art of Surgery or both; (c) such other published papers in support of his candidature as he may wish.

3. To qualify for award of the degree the thesis must make a contribution to surgical knowledge.

4. A candidate is advised: (a) to submit in advance, for approval by the Faculty of Medicine, the proposed subject of his thesis; and (b) to consult regularly during the preparation of his thesis with the Head of the Department within which the subject of the thesis falls.

*5. A candidate's thesis must include: (a) a declaration by the candidate indicating clearly the extent (if any) to which the candidate is indebted for any portion of the work to any other person, and stating that the thesis does not contain any material which has been accepted for the award of any other degree in any University; (b) a statement of the nature of the problem investigated; (c) a review of the relevant scientific and historical background; (d) a detailed account of the methods of investigation employed, the results obtained, and their interpretation.

‡6. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.†

The Faculty of Medicine, if it approve the subject of the work submitted, shall nominate examiners, of whom at least one shall be an external examiner.

A candidate may be required to undergo an oral examination in the subject-matter of the thesis and in any other subject-matter cognate thereto.

7. After hearing the reports of the examiners the Faculty shall determine whether or not an oral examination is necessary, and may then recommend (a) that the degree be awarded, or (b) that the degree be awarded on satisfactory completion of an oral examination, or (c) that the thesis be returned to the candidate for revision, or (d) that the degree be not awarded.

°°8. Repealed.

9. The fees to be paid by the candidates shall be prescribed from time to time by the Council; and a schedule of fees so prescribed shall be published in the University Calendar.

° Amendment awaiting allowance at time of printing. † Awaiting allowance at time of printing.

°° Repeal awaiting allowance at time of printing.

Allowed 17th December, 1959.

‡ These directions are published on page 687.

Schedule of Fees Prescribed by the Council under Regulation 9.

On presentation (or re-presentation) of the thesis - -	£31 10 0
On entry for the oral examination (if required) - -	10 10 0
On admission to the degree - - - - -	10 10 0

OF THE DEGREE OF BACHELOR OF DENTAL SURGERY REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Dental Surgery.

2. Schedules defining the courses of study, including lectures, clinical practice, laboratory and other practical work to be under-

taken, the examinations to be passed, and the fees to be paid, shall be drawn up by the Faculty of Dentistry and submitted to the Council. Such schedules shall become effective from the date of approval by the Council or from such other date as the Council may determine, and shall be published in the University Calendar.

3. A candidate shall enter for each annual examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has completed to the satisfaction of the professors and lecturers concerned the course of study and practice prescribed for that examination.

4. 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.

5. All regulations hitherto in force concerning the degree of Bachelor of Dental Surgery are hereby repealed: provided that this repeal shall not affect

- (a) anything done or suffered under any regulation hereby repealed; or
- (b) any right or status acquired, duty imposed, or liability incurred by or under any regulation hereby repealed.

THE ORDINARY DEGREE.

6. The course of study for the Ordinary degree of Bachelor of Dental Surgery shall extend over five years after matriculation. To qualify for the degree a candidate shall:

- (a) regularly attend lectures and clinical practice and do written and laboratory or other practical work to the satisfaction of the professors and lecturers concerned;
- (b) satisfactorily complete each annual examination before entering upon the work of the following year's course of study: provided that a candidate may begin the first term's work in the following year's course of study pending the result of a supplementary examination for which he has been permitted to present himself.

7. The annual examination shall be held in or about August or November, as the Council shall in each case determine from time to time. The supplementary examinations of the first four years shall be held about three months after the annual examinations.

8. The Board of Examiners may grant a supplementary examination to a candidate who has been prevented by illness or other sufficient cause from attendance at the whole or part of the annual examination at the end of the first, second, third or fourth year or who has failed in part of such examination. But if he fail to pass in such supplementary examination a candidate shall be deemed to have failed in the whole annual examination. A candidate who fails to pass an annual examination shall, unless exempted wholly or partially therefrom by the Faculty, again attend lectures, clinical practice and laboratory and other practical work in the subjects of the examination before presenting himself again for the annual examination.

9. A candidate shall not be re-examined at a supplementary examination in any subject or group of subjects in which he had passed at the annual examination; and on passing the supplementary examination for which he was required or permitted to present himself he shall be deemed to have completed the whole of that annual examination.

10. The annual examination at the end of the Fifth Year shall be known as the Final Examination. A Final Examination may also be held in May or June. On the recommendation of the Board of Examiners the Faculty may debar any candidate who has failed in the Final Examination from presenting himself at a subsequent Final Examination until a period of twelve months has elapsed since that failure. At its discretion the Board of Examiners may permit a candidate who has failed at a Final Examination in only one subject or group of subjects to present himself for that subject or group of subjects only at the next examination, and if he satisfy the examiners in that subject or group of subjects he shall be deemed to have passed the whole examination.

11. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order; provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classified at that annual examination.

12. A candidate who has passed examinations *in pari materia* in other Faculties or at other approved Universities or Institutions and desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Dental Surgery, shall on written application to the Registrar be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification at any annual examination from part of which exemption has been granted.

THE HONOURS DEGREE.

13. A candidate wishing to proceed to the Honours degree shall, after discussing his proposed course of study with the Head of the Department concerned, apply in writing to the Registrar for permission to do so on or before the first day of February of the year in which he intends to take the course. No candidate shall proceed to the Honours degree except with the approval of the Faculty of Dentistry.

14. To qualify for the Honours degree a candidate shall, in addition to satisfactorily completing the course of study for the Ordinary degree:

- (a) undertake a course of study extending over one year and including lectures, laboratory and clinical work in such subjects as the Faculty shall prescribe;
- (b) pass at the first attempt an examination at the end of the year of study.

15. A candidate for the Honours degree may undertake the prescribed course of study either:

- (a) after passing the third annual examination or the fourth annual examination by interrupting his course for the Ordinary degree; or
- (b) after passing the Final Examination for the Ordinary degree.

16. The names of the candidates who qualify for the degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class—Division A.

Division B.

Awaiting allowance at time of printing.

Schedules made by the Council under Regulation 2

Notes: 1. The dental clinical year begins on 1st February. 2. Students should obtain from the Dental School Office the lists of instruments and equipment required by each student before commencing each year's course.

SCHEDULE I—COURSES OF STUDY

During the first year every student shall attend a course of instruction in each of the following subjects:—(a) Physics, (b) Chemistry, (c) Biology, (d) Dental Materials and Technics.

During the second year every student shall attend a course of instruction in each of the following subjects:—(a) General Anatomy, (b) General and Dental Histology, (c) Biochemistry, (d) Physiology, (e) Oral Anatomy and Physiology, (f) Dental Materials and Technics.

During the third year every student shall attend a course of instruction in each of the following subjects:—(a) Applied Oral Anatomy and Physiology, (b) General Pathology, (c) Microbiology, (d) Oral Pathology and Microbiology, (e) Conservative Dentistry, (f) Prosthetic Dentistry, (g) Pharmacology and Therapeutics; and shall attend at the Dental Department of the Royal Adelaide Hospital for clinical instruction.

During the fourth and fifth years every student shall attend a course of instruction in each of the following subjects:—(a) General Medicine, (b) General Surgery, (c) Preventive Dentistry, (d) Children's Dentistry, (e) Orthodontia, (f) Periodontia, (g) Microbiology, (h) Oral Pathology, (i) Oral Surgery and Anaesthesia, (j) Pharmacology, (k) Conservative Dentistry, (l) Crown and Bridge Prosthesis, (m) Partial Denture Prosthesis, (n) Immediate Replacement Denture Prosthesis, (o) Complete Denture Prosthesis, (p) Principles of Dental Practice; and shall attend at the Royal Adelaide Hospital courses of clinical instruction in medical and surgical practice; and at the Dental Department of the Royal Adelaide Hospital for clinical instruction.

SCHEDULE II—EXAMINATIONS

1. At the First Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- (i) Physics (531)
- (ii) Chemistry (532)
- (iii) Biology (269).

2. At the Second Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

- (i) General Anatomy (611)
- (ii) General and Dental Histology (612)
- (iii) Physiology and Biochemistry (614 and 613)
- (iv) Oral Anatomy and Physiology (615)
- (v) Dental Materials and Technics (616).

3. At the Third Annual Examination the candidate shall satisfy the examiners in each of the following subjects:
- (i) Applied Oral Anatomy and Physiology (621)
 - (ii) General Pathology (622)
 - (iii) Oral Pathology and Microbiology (623)
 - (iv) Restorative Dentistry (624).
4. At the Fourth Annual Examination the candidate shall satisfy the examiners in each of the following subjects and groups of subjects:
- (i) General Medicine (631)
 - (ii) General Surgery (632)
 - (iii) Clinical Dentistry I—Part A (633)
 - (iv) Clinical Dentistry I—Part B (634)
 - (v) Clinical Dentistry I—Part C (635).
5. At the Final Examination the candidate shall satisfy the examiners in the following groups of subjects:
- (i) Clinical Dentistry II—Part A (641)
 - (ii) Clinical Dentistry II—Part B (642)
 - (iii) Clinical Dentistry II—Part C (643).

SCHEDULE III—FEES

A. For attendance (or re-attendance) at lectures, practical work and annual examination in each year of the course for the Ordinary or Honours Degree	£90 0 0
B. For a supplementary examination in Clinical Dentistry I or II	10 10 0
C. For a supplementary examination in any other subject	5 5 0

RULES FOR THE ADMISSION OF DENTAL STUDENTS TO THE PRACTICE OF THE ROYAL ADELAIDE HOSPITAL

1. Each dental student of the University of Adelaide shall be admitted to the practice of the Hospital under the control of the Medical Superintendent.
2. No student may introduce visitors into the Hospital without permission from the Medical Superintendent.
3. Every student shall conduct himself with propriety and discharge the duties assigned to him, and pay for or replace any article injured or lost, or destroyed by him, and make good any loss sustained by his negligence.
4. If any student infringe any rule of the Hospital, or otherwise misconduct himself, he shall be subject to dismissal by the Board.

Clinical Work at the Hospital.

5. Each student of the fourth year shall attend a course of elementary surgical and medical training from his lecturers on Surgery and Medicine.
 6. Each student shall attend on the days and at the hours fixed by his Clinical Instructors in Surgery and Medicine, and accompany them in the wards or in the out-patients' department, and perform such duties as they may require of him.
- At the end of the clinical year, if he has fulfilled these conditions, a certificate shall be signed by his Clinical Instructor in Medicine or Surgery and by the Medical Superintendent, and be countersigned by the Chairman of the Board. If the conditions have not been fulfilled the Clinical Instructor may refuse to sign the certificate, and shall inform the Dean of the Faculty of Dentistry.

The Department of Dentistry.

7. Each student shall be under the direction and control of the Superintendent of the Department, who shall allot him his work and assess its quality.
 8. He shall attend daily at the Department of Dentistry during the whole dental clinical year from 9 a.m. till 1 p.m., and from 2 p.m. till 5, except on Saturday afternoons, Sundays, public holidays, or when attending lectures, demonstrations, examinations, &c., prescribed in the dental course.
- A second-year student shall not be expected to attend at the Dental Hospital until the date fixed in the Calendar for the commencement of lectures.
- He shall sign daily the roll book of attendance for inspection by the Dental Superintendent, to whom any failure to attend or to keep an appointment must be explained, unless previously sanctioned by him.
9. If the student has fulfilled his required number of attendances and his minimum requirements of dental practice, the Superintendent shall sign his certificates of attendance and practical work, and prior to entry for examination these shall be countersigned by the Chairman of the Board, but if he has not fulfilled these requirements the Superintendent may refuse to sign his certificate, and shall inform the Dean of the Faculty of Dentistry.

Approved by Council, 1927.

OF THE DEGREE OF MASTER OF DENTAL SURGERY
REGULATIONS

1. (a) A Bachelor of Dental Surgery may proceed to the degree of Master of Dental Surgery by complying with the following Regulations, but shall not be admitted to the degree until the expiration of nine academic terms from the date of his qualifying for the Ordinary degree of Bachelor of Dental Surgery.

(b) A graduate in Dentistry of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such cases the nine academic terms 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. Unless a candidate has obtained the Honours degree of Bachelor of Dental Surgery he shall, before submitting his thesis as provided for in Regulations 8 and 9 or before presenting himself for examination as provided for in Regulation 4, pass a qualifying examination of a standard equivalent to the Honours degree.

3. 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 in Regulations 8 and 9.

4. A candidate wishing to qualify for the degree by examination shall pass an examination in (a) Advanced Dental Surgery and Pathology, and (b) another section of dentistry selected by the candidate and approved by the Faculty. Both subjects shall be passed by the candidate at one and the same examination.

5. As part of the examination required under Regulation 4 a candidate shall submit two typed copies of a report on both the subject of, and the practical work carried out by him in, that special section of dentistry selected by him under Section (b) of Regulation 4.

6. The examination for the degree shall be held, if required, in November of each year. The examination shall be conducted by means of written papers, *viva voce*, practical and clinical examinations, or by any one or more of those methods as may be determined by the Faculty.

7. A candidate proceeding to the degree by examination shall:

- (a) after discussing his proposed course of study with the Heads of the Departments concerned, apply in writing to the Registrar on or before the first day of February of the year in which he intends to take the course; and
- (b) notify the Registrar in writing on or before the first day of August of his intention to present himself for the next examination; and
- (c) before admission to the examination, submit the copies of the report referred to in Regulation 5.

8. A candidate wishing to qualify for the degree by thesis shall give at least three terms' notice to the Faculty of his intention and shall indicate therewith in general terms the subject of the work or investigation on which he proposes to submit a thesis. The Faculty of Dentistry, if it approve the subject of his research, shall appoint a supervisor to guide the candidate in his work.

9. On completion of his research or investigation the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with the directions given to candidates from time to time.* The Faculty of Dentistry shall nominate examiners of the thesis, of whom at least one shall be an external examiner.

10. After hearing the reports of the examiners the Faculty may recommend:

- (a) that the degree be awarded; or
- (b) that the thesis be returned to the candidate for revision; or
- (c) that the degree be not awarded.

11. The fees to be paid by candidates shall be prescribed from time to time by the Council; and a schedule of fees so prescribed shall be published in the University Calendar.

12. All Regulations hitherto in force concerning the degree of Master of Dental Surgery are hereby repealed, subject to the provision that any candidate who has passed in one or more subjects for the degree under the Regulations previously in force may be granted such status under these Regulations as the Council on the recommendation of the Faculty of Dentistry shall decide.

* Awaiting allowance at time of printing.
* These directions are published on page 687.

Schedule of Fees prescribed by the Council under Regulation 11

Annual Registration fee for full-time students	-	-	£42	0	0
Annual Registration fee for part-time students	-	-	21	0	0
On entry for any examination required	-	-	10	10	0
On presentation (or re-presentation) of a thesis	-	-	10	10	0
On admission to the degree	-	-	10	10	0

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. The candidate shall lodge with the Registrar three copies of the work prepared in accordance with the directions given in subparagraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the Registrar will transmit two of the copies to the University Library.

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. Repealed.

*8. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Awaiting allowance at time of printing. ‡ Repeal awaiting allowance at time of printing.

* Allowed 18th October, 1956. ‡ Allowed 10th December, 1942.

Schedule of Fees prescribed by the Council under Regulation 8

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

DIPLOMA OF ASSOCIATE IN MUSIC REGULATIONS

1. There shall be a diploma of Associate in Music, and examinations for the diploma shall be held during the month of November in each year.

2.* (a) A candidate for admission to the course for the diploma shall have passed in English and in one other subject exclusive of Music at the Leaving Examination and either (i) in Practical at the Sixth Grade, Theory at the Fourth Grade and Musical Perception at the Fourth Grade of the examinations conducted by the Australian Music Examinations Board; or (ii) in a special entrance examination in Music of standard equivalent to the Grade Examinations specified above.

(b) A candidate who produces evidence of having passed an equivalent examination in this or in any other University recognised by this University may be exempted by the Council from the requirements of this regulation.

3.† (a) To qualify for the diploma a candidate shall complete three academic years of study, not necessarily consecutive, at the University in one of the under-mentioned principal subjects, together with such other subjects as are specified in the schedules, and shall pass the examination proper to each year:

- (i) Pianoforte Playing; (ii) Singing; (iii) Violin Playing; (iv) Violoncello Playing; (v) Organ Playing; (vi) the playing of any other instrument approved by the Faculty of Music.

(b) A candidate who fails in one or two subjects only of an annual examination may at the discretion of the Faculty of Music be permitted to present himself for a supplementary examination in the subject or subjects concerned in March of the following year, and if he satisfies the Faculty of Music in such supplementary examination shall be deemed to have completed the whole annual examination.

(c) A candidate who passes in some portion only of an annual examination may be granted such credit as the Faculty of Music shall in each case determine.

(d) Except by permission of the Faculty of Music, a candidate shall not proceed to the second or third year's work, or to any part thereof, until he has completed the whole of the work of the preceding year.

†(e) A candidate who has completed equivalent work at the examinations conducted by the Australian Music Examinations Board or in some other school of music or at some other examination approved by the University of Adelaide may be granted such status in the course 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.

* Allowed 20th December, 1956; amendment awaiting allowance at time of printing.

† Allowed 14th December, 1950.

‡ Amended 9th January, 1958.

†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 three Conservatorium terms up to the time of the annual examination not fewer than three-fourths of the lessons given in his principal subject and has attended classes regularly, and has performed any work prescribed to the satisfaction of the lecturers and teachers concerned in the other subjects of the year's work.

*5. (a) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(b) A candidate who fails to pass in any annual examination shall again attend lectures and do practical work in the work of that year to the satisfaction of the professors and lecturers concerned unless exempted therefrom by the Faculty of Music.

*6. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order: provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classified at that annual examination.

7. Schedules defining the course of study, including lectures, practical work, and examinations, and the fees to be paid by candidates, shall be drawn up by the Faculty of Music and be submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine. The schedules shall be published as soon as practicable after that approval has been given.

8. A candidate who has fulfilled the conditions prescribed for the diploma shall be awarded the diploma, shall be styled an Associate of the University of Adelaide, and shall be entitled to use the letters A.U.A.

† Amendment awaiting allowance at time of printing. * Allowed 20th December, 1956.

Allowed 16th December, 1948.

SCHEDULES

1. Schedule of Examinations made by the Council under Regulation 7.

1. At the First Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Chief Practical Study I (671)
2. Second Practical Study I (671)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)

B. Vocal School**(a) Concert Singing**

1. Chief Practical Study I (671)
2. Second Practical Study I (671)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)
7. Modern Languages I (703)
8. Speech Training I (691)

OR (b) Operatic Singing

1. Chief Practical Study I (671)
2. Drama I (708)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)
7. Modern Languages I (703)
8. Speech Training I (691)

C. School Music**1. Chief Practical Study I.**

(This chief study should be Pianoforte, but in the event of another study, such as singing, or a stringed or wood-wind instrument being chosen, the student shall show that in each of the years a satisfactory standard of pianoforte playing has been reached.)

2. Scope of School Music I (695)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)
7. Principles of Class Music Teaching I (700)

2. At the Second Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Chief Practical Study II (672)
2. Second Practical Study II (672)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Ensemble Playing I (706)
8. Accompanying (for students whose chief practical study is Pianoforte) (747)

B. Vocal School**(a) Concert Singing**

1. Chief Practical Study II (672)
2. Second Practical Study II (672)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Modern Languages II (704)
8. Speech Training II (692)

OR (b) Operatic Singing

1. Chief Practical Study II (672)
2. Drama II (709)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Modern Languages II (704)
8. Speech Training II (692)

C. School Music

1. Chief Practical Study II (672)
2. Scope of School Music II (696)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Principles of Class Music Teaching II (701)
8. Ensemble Playing I (706)
9. Accompanying (747).

3. After passing the Second Examination a candidate may, with the approval of the Faculty of Music, elect to proceed either as an executant or as a teacher of the principal subject of his course.

4. At the Third Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Chief Practical Study III (673)
2. Second Practical Study III (673)
3. Ensemble Playing II (707)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Concerto (694)

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (748)

B. Vocal School**(a) Concert Singing**

1. Chief Practical Study III (673)
2. Second Practical Study III (673)
3. Modern Languages III (705)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Concerto (694)

OR (b) Operatic Singing

1. Chief Practical Study III (673)
2. Drama III (710)
3. Modern Languages III (705)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Concerto (694)

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (748)

C. School Music

1. Chief Practical Study III (673)
2. The Scope of School Music III (697)
3. Ensemble Playing II (707)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Principles of Class Music Teaching III (702)
8. Concerto (694).

Unless his Chief or Second Practical Study be pianoforte playing a candidate shall also play on the pianoforte to the satisfaction of the examiners two pieces from a list published each year, and scales and arpeggios in forms defined by schedule.

5. Candidates who have completed subjects for the diploma prior to 1958 may continue under the Schedules for 1957, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

II. Schedule of Fees made by the Council under Regulation 7.

A. For the Entrance Examination in Music, if required	£3	3	0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	63	0	0
C. For Chief Practical Study taken separately - - -	37	16	0
For Second Practical Study taken separately - - -	18	18	0
For each other subject taken separately - - -	10	10	0
Up to a maximum of the annual fee of £63 for the full year's course being taken for the first time.			
D. For a supplementary examination in any subject of a year's work - - - - -	5	5	0
E. For the diploma - - - - -	5	5	0

OF THE FELLOWSHIP OF THE ELDER CONSERVATORIUM
OF MUSIC

REGULATIONS

1. There shall be a Fellowship of the Elder Conservatorium of Music.

2. The Fellowship may be awarded either by examination or in exceptional cases of distinguished merit by the Council on the unanimous recommendation of a formally constituted meeting of the Faculty of Music.

3. A candidate for the Fellowship by examination shall be an Associate in Music of the University of Adelaide of at least two years' standing and must, in the opinion of the Elder Professor of Music, be of outstanding ability as a solo performer. To qualify for the Fellowship such a candidate shall satisfy the examiners in a special examination in which the emphasis shall be laid on fine performance.

4. Schedules defining the scope of the examination and the fees to be paid by candidates shall be drawn up by the Faculty of Music and submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine.

Allowed 8th December, 1949.

Schedule of Examinations and Fees made by the Council.

- I. The examination for the Fellowship shall comprise:—
 - (a) Three recitals, each to be given before an audience and each to occupy not less than one hour in performance;
 - (b) Performance with an orchestra of a concerto;
 - (c) Performance of two major works of chamber music.

Provided that a candidate in singing will be required to perform scenes and arias with orchestra chosen from at least two operas or oratorios, and to show that a complete study of a major role has been made in each of the operas or oratorios, in lieu of the concerto and chamber music prescribed under (b) and (c) above.

The whole examination shall be completed within a period of two calendar months.

2. The programme for the whole examination shall be representative of various schools and periods and shall be submitted to the Elder Professor of Music for approval at least two months before the examination begins.

3. The fee for examination shall be £21/-/-.

4. The fee for the Fellowship shall be £10/10/-.

OF THE DEGREE OF BACHELOR OF MUSIC REGULATIONS

1. There shall be an Honours degree and an Ordinary degree of Bachelor of Music. A candidate may obtain either degree, or both.

2. Repealed 15th January, 1959.

*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) 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 exercise or thesis as the Faculty of Music shall in each case determine or approve;
- (e) satisfy the examiners that he has an adequate reading knowledge of French, German or Italian.

The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes:

First Class,

Second Class.

* Amended 9th January, 1958.

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. (a) To complete an academical year of study a candidate shall, unless exempted by the Council, regularly attend the course of lectures in all of the subjects specified for the examination in that year, but the separate courses of lectures need not all be attended in one and the same year, nor need the examination in all the subjects of a year be passed at the same time.

(b) Except by permission of the Faculty of Music, a candidate shall not proceed to the second or third year's work, or to any part thereof, until he has completed the whole of the work of the preceding year.

6. The examination in any subject may be written or oral or both.

*7 There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order: provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classified at that annual examination.

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.

*Allowed 22nd December, 1955.

† Allowed 20th December, 1956.

*12. A candidate who has matriculated and has passed the theoretical subjects of the Second Examination for the diploma of Associate in Music shall be granted the status of a student qualified to enter upon the second year of the course for the degree of Bachelor of Music; but such a candidate will be required to take concurrently with his second-year work the instruction and examination in any theoretical subjects prescribed for the first-year of the course for the degree of Bachelor of Music which are additional to those required in the course for the diploma of Associate in Music.

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 28th July, 1959.

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 II (712);
- (b) Counterpoint I (717);
- (c) History of Music II (727);
- (d) Form (731);
- (e) Acoustics (746);

and in addition shall satisfy the examiners in:—

- Practical Tests II (742).

Further, he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September an original composition, either instrumental or vocal, in a form to be approved by the Dean.

2. At the Second Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony III (713);
- (b) Counterpoint II (718);
- (c) History of Music III (728);
- (d) Orchestration I (735);
- (e) Musical Criticism and Aesthetics (738);
- (f) Essay I (739);

and in addition shall satisfy the examiners in:—

- Practical Tests III (743).

Further he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September two original compositions, one of which shall be instrumental and the other vocal (not necessarily solo writing), in a form to be approved by the Dean.

3. At the Third Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony IV (714);
- (b) Counterpoint III (719);
- (c) Canon and Fugue (722);
- (d) History of Music IV (729);
- (e) Orchestration II (736);
- (f) Essay II (740);

and in addition shall satisfy the examiners in:—

Practical Tests IV (744).

Further he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September two original compositions, one of which shall be a fugue.

4. A candidate for the Honours degree shall, after qualifying for the Ordinary degree, submit either:

- (a) a composition which shall be either a major work or an approved group of works;
- or (b) a satisfactory thesis on a subject approved by the Faculty of Music, and shall, if required, adduce sufficient evidence that the thesis is his own work;
- or (c) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work approved by the Faculty.

In the case of a candidate who elects to submit a composition work submitted must reveal a competent knowledge of design and of the development of thematic material, facility in harmony and counterpoint, and (if for chorus and orchestra) sound choral and orchestral technique, with evidence of advanced contrapuntal writing but not necessarily of formal fugue.

No exercise shall be regarded as sufficient solely on the ground that it is free from technical errors.

The candidate shall make a written declaration that the exercise is entirely his own unaided composition. Such exercise must reach the Registrar before the thirtieth day of September in the year in which the candidate wishes to qualify for his degree. Except by special consent of the examiners, no exercise which has been rejected shall be used either wholly or partly on any subsequent occasion. After the exercise has been approved by the examiners the candidate shall lodge either the original or a fair and complete copy in the University Library.

5. Candidates who have completed subjects for the degree prior to 1958 may continue under the Schedules for 1957, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

II. Schedule of Fees made by the Council under Regulation 12.

A. For the entrance examination in the Theory of Music, if required	- - - - -	£3 3 0
B. For each year's work and examination	- - -	52 10 0
C. On entry for the final examination for either the Ordinary degree or the Honours degree	- - -	10 10 0
D. For a supplementary examination in any subject of a year's work	- - - - -	5 5 0
E. For admission to the degree	- - - - -	5 5 0
F. For subjects taken separately: £10/10/- up to a maximum of the annual fee of £52/10/- for the full year's course.		

OF THE DEGREE OF DOCTOR OF MUSIC REGULATIONS

1. A Bachelor of Music may proceed to the degree of Doctor of Music by complying with the following Regulations, but shall not be admitted to the degree until the expiration of the third academic year from his admission as a Bachelor of Music.

*2. Every candidate shall send to the Registrar of the University, on or before the first day of April, an exercise composed for the occasion. The exercise must be legibly written (and the pages numbered), and must be accompanied by a written declaration, signed by the candidate, that the work is his own unaided composition, and must comply with the following conditions:—

- (a) It must be a composition for solo-voices and chorus, and may be on either a sacred or secular subject.
- (b) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
- (c) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony or Sonata.
- (d) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.

3. After the exercise has been approved by the examiners, and before taking his degree, the candidate shall deposit a complete copy of the exercise in the University Library.

* Allowed 10th December, 1919.

4. Candidates whose exercises have been approved shall be required to pass a Final Examination in

- (1) Harmony, up to eight parts;
- (2) Counterpoint, up to eight parts;
- (3) Double Counterpoint, } up to five parts;
Canon, and Fugue, }
- (4) Instrumentation;
- (5) History of Music;
- (6) Musical Analysis.

†5. The above examination shall be held, when required, in the month of November.

6. The names of the successful candidates at each examination shall be arranged in alphabetical order.

‡7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

‡Allowed 18th October, 1956.

‡Allowed 10th August, 1916.

Allowed 12th December, 1907.

Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the exercise	-	-	-	-	-	£15	15	0
On entering for the Final Examination	-	-	-	-	-	15	15	0
On admission to the degree	-	-	-	-	-	10	10	0

OF THE DIPLOMA IN PUBLIC ADMINISTRATION REGULATIONS

1. There shall be a diploma in Public Administration.

2. For admission to the course for the diploma a candidate shall have passed in four subjects, including English, at the Leaving Examination; and if Arithmetic or Mathematics I or Mathematics II is not also included, Mathematics (two subjects) must have been passed at the Intermediate Examination.

3. To qualify for the diploma a candidate shall (a) attend courses of lectures and pass examinations in the subjects set out in Schedule I made by the Council and (b) have performed at least three years' satisfactory service as an adult officer of a public service department in South Australia or in another public organization or enterprise approved by the Faculty; provided that for this purpose each completed two years' service as a junior officer shall be accepted as equivalent to one year of adult service.

4. The regulations of the degree of Bachelor of Economics shall, *mutatis mutandis*, be applicable to studies for the diploma insofar as they are not repugnant to any condition or requirement specified in these regulations.

5. A candidate who has fulfilled the conditions of these regulations shall be entitled to receive the diploma, to style himself an Associate of the University, and to use the letters A.U.A.

6. A graduate in the Faculty of Economics shall not be eligible to qualify also for the diploma and not more than two subjects presented for any other degree or diploma may be presented for the Diploma also.

7. Any holder of the diploma who subsequently proceeds to the degree of Bachelor of Economics may count towards that degree subjects which he has already presented for the diploma provided:

- (a) that he fulfils the requirements for the degree in all respects, and
- (b) that he surrenders his diploma before being admitted to the degree.

Allowed 22nd January, 1953.

Schedule I: Courses of Study

1. The subjects which a candidate for the Diploma shall complete are:

Politics I (61) and Politics IIB (63);
Social Economics (150) *or* Economics I (151) with the approval of the Dean;
Public Finance (169);

and three of the following subjects, of which at least one shall be a third-year subject:

Economics II, III;
Economic Statistics I, II;
Economic Development I *or* History IIB;
Economic Geography *or* Geography I;
Elements of Accounting, Management Accounting, Financial Accounting;
Commercial Law A, B;
History IC, IIA, IIIA, IIIB;
Politics IIA, IIIA, IIIB;
Geography II, III;
Psychology IIA, IIB, IIIA, IIIB;
Any other first-year Arts subjects listed for the Ordinary degree except for the Science subjects;

provided that a candidate presenting Economics III shall not be required to present Public Finance.

2. Courses of study must be approved by the Dean of the Faculty of Economics (or his nominee) at enrolment each year.

3. Candidates who have completed subjects for the diploma prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean of the Faculty of Economics, provided that a candidate shall not lose credit for a subject already completed.

Note: For the purpose of this Schedule a pass in the subject Political Science in or prior to 1954 will count as a pass in Politics II, and a pass in the subject Public Administration in or prior to 1954 will count as a pass in Politics IIIA.

Schedule II: Fees

A. For courses from the Faculty of Arts and the Faculty of Economics: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Economics.	
B. For attendance (or re-attendance) at lectures and examination in Public Finance - - - - -	£7 17 6
C. For a supplementary examination in Public Finance	3 3 0
D. For the Diploma - - - - -	5 5 0

OF THE DIPLOMA IN PHARMACY REGULATIONS

††1. There shall be a Diploma in Pharmacy which shall be awarded to candidates who fulfil the requirements prescribed by the Council. Before entering on the course for the Diploma every candidate must have passed such Preliminary Examination as shall be approved by the Board of Studies in Pharmacy.

°° 2. To obtain the Diploma in Pharmacy candidates shall

(a) Attend courses of instruction and pass examinations in the following subjects: Inorganic Chemistry (751, 752, and 753); Pharmacy I (754 and 755); Organic Chemistry (761 and 762); Biology (269); Botany and Pharmacognosy (771); Pharmacy II (772, 773 and 774); Pharmacy III (781, 782 and 783); and Pharmacy IV (791, 792, 793, 794 and 795).

††(b) Produce evidence of having fulfilled the conditions of practical experience required by the Board of Studies in Pharmacy.

†3. Schedules defining the courses of study in the subjects prescribed, and the fees payable to the University, shall be drawn up from time to time by the Board of Studies in Pharmacy and be approved by the Council.

††4. Before enrolling for the course of study in each year and upon entering for any examination every candidate shall satisfy the Board of Studies in Pharmacy that he is eligible to do so.

††5. The examinations shall be conducted by a Board of Examiners appointed by the Council on the recommendation of the Board of Studies in Pharmacy.

† Allowed 23rd January, 1947.

†† Allowed 22nd December, 1955.

°° Allowed 11th November, 1954.

‡A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

Candidates who fail to present themselves for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

*5a. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Chairman of the Board of Studies in Pharmacy.†† If he fails a third time he may not proceed with the subject again except by special permission of the Board and under such conditions as the Board may prescribe.

6. Candidates who fulfil the conditions shall be awarded the Diploma, shall be styled Associates of the University, and shall be entitled to use the letters A.U.A.

†Fee for the Diploma, £5/5/-.

7. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

† Allowed 18th October, 1956.

‡ Allowed 20th December, 1956.

* Allowed 10th December, 1936.

†† Allowed 22nd December, 1955.

Allowed 7th December, 1932.

OF THE DIPLOMA AND CERTIFICATE IN PHYSICAL EDUCATION REGULATIONS

1. There shall be a diploma in Physical Education.
- *2. A candidate for admission to the course for the diploma shall:
 - (a) be matriculated; provided that until March 31, 1962, a candidate may, alternatively, fulfil the educational requirements for admission by complying with the requirements in force in 1960;
 - (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;
 - (b) attend classes regularly for a period of not less than two years and pass examinations as prescribed in the schedules;
 - (c) satisfactorily complete a course of practical teaching in such schools and under such supervision as may be approved by the Council.

* Allowed 11th November, 1954; and amendment awaiting allowance at time of printing.

‡ Amendment awaiting allowance at time of printing.

Except by permission of the Board of Studies in Physical Education a candidate shall complete or substantially complete the work prescribed in paragraph (a) before entering upon the work of paragraph (b).

4. A candidate who has passed the medical and physical examinations prescribed, may at the discretion of the Council be granted a certificate upon his completing the courses of study and passing the examinations prescribed under Regulation 3 (b).

5. A candidate may be granted such exemption from attendance at lectures and from practical work as the Council may approve.

6. A candidate who desires that the examinations he has passed elsewhere, and the practical work he has done, should be counted *pro tanto* for the Diploma in Physical Education, may be granted such exemption from the requirements of these regulations as the Council shall determine.

7. Schedules defining the course of study, including lectures, practical work and examinations and the fees to be paid by candidates, shall be drawn up by the Board of Studies in Physical Education, and submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council, or such other date as the Council may decide. The schedules shall be published as soon as practicable after that approval has been given.

8. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

Allowed 16th December, 1948.

Schedules made by the Council under Regulation 7.

- A. For subjects taken in the Faculties of Arts and Science: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Science.
- B. For the subjects included under Regulation 3 (b): £126 payable in two annual instalments of £63 each.
- C. Undergraduates may be admitted to the course of lectures in any theoretical subject without payment of fees, and a limited number to practical work on conditions prescribed by the Council.
- D. For subjects taken separately:

Second-year Course:

Human Biology (801)	-	-	-	-	-	£15	15	0
Hygiene (105)	-	-	-	-	-	7	17	6
Body Mechanics (806)	-	-	-	-	-	5	5	0
First Aid (809)	-	-	-	-	-	1	1	0
Practice of Physical Education (811)	-	-	-	-	-	10	10	0
History of Education (813)	-	-	-	-	-	7	17	6
Practical Work, Part I (816)	-	-	-	-	-	21	0	0

Third-year Course:

Human Physiology (802)	-	-	-	-	£15	15	0
Human Nutrition (807)	-	-	-	-	7	17	6
Clinical Observation and Remedial Work (808)	-	-	-	-	7	17	6
Principles of Physical Education (812)	-	-	-	-	10	10	0
Physical Psychology (814)	-	-	-	-	7	17	6
Practical Work, Part II (816)	-	-	-	-	21	0	0
E. For each section of either part of the Practical Work	-	-	-	-	4	4	0
F. For the course in Practical Teaching	-	-	-	-	7	17	6
G. For a supplementary examination in any subject	-	-	-	-	5	5	0
H. For the Diploma	-	-	-	-	5	5	0

FREE PLACES IN PHYSICAL EDUCATION

RULES

1. The Council may award each year four free places in Physical Education.

2. Each award will entitle its holder to exemption from the payment of fees for all subjects prescribed under Regulation 3 (b) of the Diploma, and in addition from payment of the fee for medical and physical examinations and the fee for the diploma, provided that the subjects entered for each year are approved and that the work is carried out to the satisfaction of the Council.

3. Applications for free places should be lodged with the Registrar not later than December 1 of each year. Each application should include particulars of the applicant's age, educational qualifications, health and sporting activities, present occupation and earnings; and his proposed programme of study.

4. The Board of Studies in Physical Education shall consider the applications and submit recommendations to the Council.

OF THE DIPLOMA IN SOCIAL STUDIES

REGULATIONS

1. There shall be a Diploma in Social Studies.

*2. A candidate for admission to the course for the diploma shall:

- (a) be not less than 18 years of age;
- (b) i. be a graduate of the University or of a University recognised by the University of Adelaide; or
 - ii. be matriculated; provided that until March 31, 1962 a candidate may, alternatively, fulfil the educational requirements for admission if he holds the Leaving Certificate; or
 - iii. being over the age of 23 years have satisfied the Council of his being competent to proceed to the diploma;
- (c) have been approved by the Council for admission to the course.

* Amended 17th December, 1959.

*3. To qualify for the diploma a candidate shall:

- (a) regularly attend lectures, do such written or practical work as may be prescribed by the lecturers, and satisfy the examiners in the subjects listed in Schedule I prescribed by the Council; and
- (b) satisfactorily complete a course of field work under supervision approved by the Council.

The course of study and field work shall extend over three years; provided that for graduates it shall extend over two years.

4. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that field work which he has done elsewhere, be counted *pro tanto* for the Diploma in Social Studies may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

5. Schedules defining the subjects of study and the fees shall be drawn up from time to time, and when approved by the Council shall be published as early as possible in each year.

6. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

• Amended 28th July, 1959.

Allowed 20th December, 1956.

Schedule I: Subjects

The subjects prescribed under Section (a) of Regulation 3 are:

First Year:

- Human Biology (801) or Biology (269);
- Psychology I (81);
- Economics I (151) or Social Economics (150);
- Social Work I (836).

Second Year:

- Psychology IIB (83);
- History IB (52) or History IIB (55) or Politics I (61) or Economic Development I (154);
- Social Work II (846).

Third Year:

- Social Organisation (851); provided that with the approval of the Head of the Department a candidate may substitute either Physiology (843) or Human Nutrition (807) for Social Organisation.
- Sociology (852);
- Social Work III (856);
- Field Work (859).

Provided that candidates who by December 31, 1956, had passed in at least one subject in the course for the Diploma in Social Science under the regulations and schedules in force in 1956 may complete their courses for that Diploma under those regulations and schedules provided that they do so by December 31, 1962.

Provided further that candidates who obtained the Diploma in Social Science and subsequently completed the additional work required for the Diploma in Social Studies may, on surrender of the former, be issued with the latter.

Note.—The subjects in this schedule are set out in years for the guidance of full-time students, and it is recommended that they be taken in the order shown. Provided, however, that the pre-requisite subjects where prescribed are first completed, a candidate may take subjects in an order different from that recommended. All candidates are advised to consult the Head of the Department of Social Studies before enrolment each year.

Schedule II: Fees

A. For subjects from the Faculties of Arts and Economics: the fees prescribed in the Schedules for the degrees of Bachelor of Arts and Bachelor of Economics.					
B. For attendance (or re-attendance) at lectures and examination:					
In Social Organisation	-	-	-	-	£7 17 6
In Human Nutrition	-	-	-	-	7 17 6
In Social Work III	-	-	-	-	31 10 0
In each other subject	-	-	-	-	15 15 0
C. For the Diploma	-	-	-	-	5 5 0

OF THE DIPLOMA IN PHYSIOTHERAPY REGULATIONS

1. There shall be a Diploma in Physiotherapy.
2. A candidate for admission to the course for the Diploma shall
 - (a) be not less than eighteen years of age;
 - †(b) be matriculated; provided that until March 31, 1962 a candidate may, alternatively, fulfil the educational requirements for admission by complying with the requirements in force in 1959;
 - (c) present a medical certificate approved by the Council.
- †3. The course for the diploma shall extend over three years. Schedules prescribing the subjects of study, and the fees to be paid by candidates, shall be drawn up by the Board of Studies in Physiotherapy and approved by the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.
- †4. To qualify for the diploma a candidate shall:
 - (a) regularly attend lectures and do such written, laboratory or other practical work as may be prescribed;
 - (b) at the end of each year pass an annual examination in the subjects prescribed for that year.
- †5. A candidate shall not be eligible to present himself for examination at the end of a year unless he has completed the course of study and practice prescribed for that year to the satisfaction of the lecturers concerned.

† Allowed 17th December, 1959.

*6. A candidate shall pass the annual examination proper to each year before beginning the course of study and practice for the following year.

7. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work which he has done elsewhere, be counted *pro tanto* for the Diploma in Physiotherapy may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

8. A candidate who fails to present himself for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

9. A candidate who fulfils the conditions shall be awarded the Diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

* Allowed 17th December, 1959.

Allowed 9th August, 1945.

Schedules made by the Council under Regulation 3.

Schedule I: Subjects.

The subjects of study shall be:

First Year:

Anatomy I (861).
 Physiology (862).
 Physics (863).
 Theory and Practice of Massage and Treatments (864).
 Theory and Practice of Movement I (865).
 Social Psychology (866).

Second Year:

Anatomy II (871).
 Theory and Practice of Treatment by Physiotherapy (872).
 Theory and Practice of Movement II (873).
 Pathology (874).
 Electrotherapy (875).
 Practice of Hospital Work I (876).

Third Year:

Theory and Practice of Movement III (881).
 Theory and Practice of Specialised Treatments (882).
 Practice of Hospital Work II (883).

Schedule II: Fees.

A. For each year's work, including one annual examination	£63	0	0
B. For a supplementary examination in any subject - - -	-	5	5
C. For the Diploma - - - - -	-	5	5

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital practice.

OF THE DEGREE OF BACHELOR OF ARCHITECTURE
REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Architecture.

2. Schedules defining the courses of study, including lectures and the practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty and submitted to the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

3. (a) To qualify for the Ordinary degree of Bachelor of Architecture a candidate shall regularly attend lectures and do written and practical work (where such is required) and pass examinations in the subjects prescribed.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty as appropriate to his course.

4. (a) A candidate who has completed the work of the third year and who wishes to proceed to the Honours degree must apply to the Faculty, on or before March 1 of the year in which he intends to take the Honours course, for permission to do so.

(b) Before granting such permission the Faculty will take into consideration the candidate's work up to the time of his application.

(c) To qualify for the Honours degree a candidate shall complete the full course prescribed for the Ordinary degree and shall in addition undertake further work of an advanced nature and pass examinations in such work. Further, he must pass in the subjects which he takes after his acceptance as an Honours student at a higher standard than is required from candidates for the Ordinary degree.

(d) The names of candidates who pass with Honours shall be arranged alphabetically in two classes. A candidate who fails to obtain first or second class Honours may be awarded the Ordinary degree provided he has in all other respects completed the work for that degree.

(e) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty as appropriate to his course.

5. Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work as prescribed in the syllabus for that subject.

6. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Faculty.

(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and practical work where required to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates at the direction of the professors or lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

(d) There shall be three classifications of pass at the annual examination in any subject or division of a subject for the degree as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Faculty may determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty. Any such exemptions granted will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

7. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or practical work in a subject unless he has attended the lectures and practical work respectively in that subject to the satisfaction of the lecturer concerned.

8. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

9. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

10. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Architecture may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

11. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Engineering in Architectural Engineering in or before the year 1957 may complete the course for that degree in accordance with the regulations and schedules governing it in 1957, or with such modifications as the Council may from time to time approve, provided that he does so by December 31, 1965.

Allowed 9th January, 1958.

Schedules made by the Council under Regulation 2.

1. During the first, second, third, fourth and fifth years every candidate shall, unless exempted therefrom, attend courses of instruction and at the annual examination for the appropriate year shall satisfy the examiners in each of the following subjects:

- (a) First Year:
 - Building Construction I (901);
 - Mathematics (902);
 - Building Science I (903);
 - History of Architecture I (904);
 - Architectural Design and Planning I (905);
 - Architectural and Free Drawing (906);
 - Studio Work I (907).
- (b) Second Year:
 - Building Construction II (911);
 - Structures I (912);
 - Building Science II (913);
 - History of Architecture II (914);
 - Architectural Design and Planning II (915);
 - Architectural Surveying (916);
 - Studio Work II (917).
- (c) Third Year:
 - Building Construction III (921);
 - Structures II (922);
 - Building Science III (923);
 - Architectural Design and Planning III (926);
 - Studio Work III (927);
 - Professional Practice I (924).
- (d) Fourth Year:
 - Building Construction IV (931);
 - Structures III (932);
 - Building Science IV (933);
 - Professional Practice II (934);
 - Town and Regional Planning and Civic Design I (935);
 - Architectural Design and Planning IV (936);
 - Studio Work IV (937).
- (e) Fifth Year:
 - Structures IV (941);
 - Building Science V (942);
 - Professional Practice III (943);
 - Town and Regional Planning and Civic Design II (944);
 - Studio Work V and Thesis (945 and 946).

2. Except by permission of the Faculty, a candidate shall not proceed to any part of the work of the second or a subsequent year unless he has completed the whole of the work of, and passed the examination proper to, the preceding year or years. At the discretion of the Board of Examiners a candidate who fails to satisfy the examiners in not more than two subjects at an annual examination may be permitted to present himself for a supplementary examination in the subject or subjects concerned; and if he satisfies the examiners in the supplementary examination he shall then be deemed to have passed the whole examination.

3. (a) During the fourth year every candidate will be required to obtain at least six months' practical experience satisfactory to the Faculty in an architectural office approved for the purpose by the Faculty.

(b) Such practical experience may form part of the twelve months' practical experience required under Regulation 3(b) or 4(e).

(c) Students attending National Service or Commonwealth Military Force training may be permitted to count such training, up to a maximum period of three months, as part of their required practical experience.

4. Matriculated students in the course for the degree of Bachelor of Engineering who completed subjects for that degree prior to 1958, may transfer to the course for the degree of Bachelor of Architecture, and shall be granted such status as may in each case be determined.

5. Courses of study must be approved by the Dean of the Faculty (or his nominee) at enrolment each year.

6. Fees.

A. For the Ordinary Degree:

- | | |
|---|---------|
| (1) For each year's work, including one annual examination | £84 0 0 |
| (The annual fee will include the fee payable for a subject taken at the S.A. Institute of Technology.) | |
| (2) For a supplementary or special examination (theoretical or practical or both) in any subject | 5 5 0 |
| (3) For subjects taken separately: £15/15/- each up to a maximum of the annual fee of £84 for the full year's course. | |

B. For the Honours Degree:

For the additional Honours work and examination	31 10 0
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OF THE DEGREE OF MASTER OF ARCHITECTURE REGULATIONS

1. There shall be a degree of Master of Architecture.

2. A candidate for the degree shall either:

- (a) have been admitted to the degree of Bachelor of Architecture in the University of Adelaide or to another degree in the University of Adelaide accepted by the Faculty of Architecture and Town Planning as equivalent thereto; or

- (b) have been admitted to a degree in another university accepted by the Council on the recommendation of the Faculty of Architecture and Town Planning as equivalent to the degree of Bachelor of Architecture in the University of Adelaide.
3. A candidate may proceed to the degree of Master of Architecture in accordance with the provisions of either Regulation 4 or Regulation 5.
4. To qualify for the degree under this Regulation a candidate shall:
- (a) under the direction of a supervisor or supervisors appointed by the Faculty pursue for at least one calendar year a course of advanced study and either concurrently or subsequently carry out original research on a subject approved by the Faculty;
 - (b) if so required by the Head of the Department concerned pass an examination on his course of advanced study;
 - (c) present a satisfactory thesis embodying the results of his original research; and
 - (d) if so required by the examiners of his thesis, pass an examination, which may be written or oral or both, on the subject-matter of his thesis and subjects cognate thereto.
5. To qualify for the degree under this Regulation a candidate shall:
- (a) present a satisfactory thesis which shall be an account of some original enquiry or investigation made by him into some architectural matter;
 - (b) if so required by the examiners of his thesis, adduce sufficient evidence of the originality of his thesis; and
 - (c) if so required by the examiners of his thesis, pass an examination in that branch of work from which the subject of the thesis is taken.
6. Every candidate shall submit for approval of the Faculty of Architecture and Town Planning, at least nine months before the date on which he expects to submit his thesis for examination, the subject of his advanced study and original research under Regulation 4 or of his thesis under Regulation 5.
- †7. On completion of his work the candidate shall lodge with the Registrar three copies of his thesis prepared in accordance with directions given to candidates from time to time.*
- The Faculty will then nominate examiners, who may recommend that the thesis—
- (a) be accepted; or
 - (b) be sent back to the candidate for revision; or
 - (c) be rejected.
8. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Awaiting allowance at time of printing.

Allowed 15th January, 1959.

* These directions are published on page 687.

Schedules of Fees Prescribed by the Council under Regulation 8

For work under the direction of a supervisor (if required or undertaken) - - - - -	£42 0 0
On presentation or re-presentation of the thesis - - - - -	10 10 0
On entry for any examination required - - - - -	10 10 0
On admission to the degree - - - - -	10 10 0

OF THE DEGREE OF DOCTOR OF PHILOSOPHY REGULATIONS

I. GENERAL

1. There shall be a degree of Doctor of Philosophy.
- *2. There shall be a Board of Research Studies, comprising three members of the Faculty of Science, two members of the Faculty of Agricultural Science, two members of the Faculty of Engineering, two members of the Faculty of Arts, two members of the Faculty of Medicine, and one member of the Faculty of Architecture and Town Planning, which shall control the enrolments, courses of study, research and examinations of candidates for the degree. All members shall be elected by the appropriate Faculties for three years.
3. The Board of Research Studies shall elect one of its members as Chairman.
4. In these regulations "the Board" means "the Board of Research Studies."
5. In these regulations "course" means "course of study and research."
6. Schedules specifying the eligibility for candidature, the nature and extent of the work to be completed and fees to be paid by candidates for the degree may be drawn up from time to time by the Board and submitted to the Council. Such schedules shall become effective as from the date of approval by the Council or on such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

II. ENROLMENTS

7. A candidate wishing to be enrolled for the degree shall make application to the Registrar in such form as the Board shall prescribe. The candidate shall submit with his application an outline of the course he proposes to pursue, details of his qualifications for undertaking such a course, and in the case of a graduate of a University other than the University of Adelaide, his diploma or some other acceptable certificate of graduation.
8. A candidate shall not be enrolled unless it appears:—
 - (a) that the course of research can be conveniently pursued within the University; and
 - (b) that he is well qualified for research and well equipped to undertake the particular course which he has proposed.

* Amended 11th November, 1954, 22nd December, 1955, and 17th December, 1959.

The Head of the Department concerned and the appropriate Faculty shall advise the Board on these matters and make recommendations.

9. A candidate shall normally be enrolled at the beginning of an academic year, provided that the Board may enrol candidates at the beginning of a calendar year or at the beginning of any academic term.

10. Each candidate shall pursue his approved course to the satisfaction of the Board in a department of the University under the supervision of a supervisor, or supervisors, appointed by the appropriate Faculty, and under any special conditions that may be specified in his case. At the end of each year each supervisor shall submit to the appropriate Faculty a formal written report on the work of each candidate in his charge. He shall also report to the Faculty when in his opinion a candidate is not making satisfactory progress in his work, is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree.

11. The Faculty shall have the power to require a candidate who is not a graduate of the University to take an examination, either a special examination or an Honours examination at a specified date, provided that the candidate is notified of this requirement not later than six months after his enrolment. The Board shall determine what proportion of the terms prior to such examination shall count for the purposes of Regulation 13.

III. REQUIREMENTS FOR THE DEGREE

12. Each candidate for the degree shall devote his whole time to the pursuit of his approved course; provided that full-time members of the academic staff of the University may be permitted to proceed to the degree under such conditions as the Board may prescribe.

*13. Each candidate for the degree shall pursue his approved course within the University for a period of not less than six and not more than twelve terms from the date of his enrolment provided that:

- (a) the Board may permit a candidate to pursue at another University or Institution such part of his approved course as it thinks fit (provided that the candidate works for at least six terms within the University); and
- (b) during any term a candidate may be permitted by his supervisor, who shall report to the Board, to spend not more than three weeks away from the University on field work; any period in excess of three weeks to be approved in advance by the Board.

†14. Each candidate for the degree shall at end of his approved course, or by the end of the twelfth term from his enrolment, present in such form as the Board prescribes* not fewer than three copies of a thesis embodying the results of the work done during that course and containing a significant contribution to knowledge or scholarship within the scope of his subject, the title of the thesis having first been approved by the Faculty concerned; provided that, in excep-

† Awaiting allowance at time of printing. * The attention of candidates is drawn to the "Notes and Instructions to Candidates" on page 661.

tional circumstances and by special permission of the Board on the recommendation of the Faculty, an extension of time after the twelfth term may be allowed. On completion of his work the candidate shall submit his thesis and the appropriate Faculty shall appoint examiners, who shall normally be two and both external, to examine and report on the thesis. The examiners may recommend that a candidate be examined orally or otherwise on the subject of his thesis and the general field of knowledge within which it falls; and shall report to the Faculty upon any such examination.

15. The Faculty shall consider the reports of the examiners and shall make recommendations to the Board. The Board, after consideration of these reports, may recommend that the candidate:—

- (a) be awarded the degree;
- (b) be not awarded the degree, but be allowed to re-submit his thesis (within such period as the Board may allow);
- (c) be not awarded the degree and be not allowed to re-submit his thesis; or
- (d) with the concurrence of the appropriate Faculty be awarded the appropriate Master's degree.

*16. Two copies of every thesis and other material approved for a degree under these regulations shall be deposited in the Library.

* Amended 15th January, 1959.

Allowed 22nd January, 1953.

Schedules Made by the Council

I. ACADEMIC STANDING.

The academic standing under Regulation 6 required of a candidate for the degree is at present:

In the Faculties of Science and Agricultural Science: An Honours or Master's degree in Science or Agricultural Science.

In the Faculty of Engineering: An Honours or Master's degree.

In the Faculty of Arts: An Honours or a Master's degree. A candidate who proposes to undertake a course of study and research in education shall also hold the Diploma in Education of the University or a qualification accepted by the University as equivalent, and shall have had at least three years' experience in teaching or in some other educational work approved by the University before enrolling for the degree.

In the Faculty of Medicine:

- (a) The Honours degree of Bachelor of Medical Science; or
- (b) The degrees of Bachelor of Medicine and Bachelor of Surgery together with one year of approved postgraduate research work.

In the Faculty of Architecture and Town Planning: An Honours or Master's degree.

In the Faculty of Economics: An Honours or Master's degree.

In the Faculty of Law: An Honours or Master's degree.

II. FEES.

The following fees shall be paid in advance by candidates in such instalments as the Council may determine from time to time:

A. For each term's work for the degree until submission of thesis	- - - - -	£14 0 0
B. On submission of the thesis for examination	- - - - -	21 0 0
C. On resubmission of thesis, including fees for any additional work required	- - - - -	31 10 0
D. On admission to the degree	- - - - -	10 10 0

III. Material presented for any other degree within the University shall not be presented for examination for the degree of Doctor of Philosophy.

NOTES AND INSTRUCTIONS TO CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

I. GENERAL

1. The degree of Doctor of Philosophy is common to the Faculties of Agricultural Science, Architecture, Arts, Economics, Engineering, Law, Medicine and Science, and is therefore administered by a Board of Research Studies. The attention of candidates is drawn to the regulations of the degree contained in the University Calendar and to the schedules made by the Council of the University.

2. A candidate for the degree of Doctor of Philosophy pursues a course of research under the direction of a supervisor, who reports formally to the Board of Research Studies each year on the candidate's work and progress. The supervisor will also report whenever in his opinion the student is not making satisfactory progress in his work, is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree at which he aims.

3. The supervisor will maintain fairly close contact with the student, who should regard it as his duty to keep his supervisor fully informed of the progress of his research, and to consult him about proposed future work and about the general planning of his thesis. If not consulted fairly frequently, the supervisor will satisfy himself that the research student is working satisfactorily.

4. The function of the supervisor is not to plan at all directly the work that the research student should do, rather to provide a trained mind upon which the student may test his ideas and so be led to develop his own critical faculties. The thesis itself should represent largely the student's unaided work, assisted only by the general aid obtained by discussion with the supervisor as to the most satisfactory method of developing and presenting his material. For a candidate whose mother tongue is not English some help with the syntax may be given with the approval of the supervisor.

5. If more than one supervisor is appointed, the candidate shall consult all such supervisors on all matters of general concern to his work and thesis.

II. SPECIFICATIONS FOR THESES

1. *Preparation.*

(a) The responsibility for the layout of the thesis rests with the candidate after discussion with his supervisor, and the completed thesis should be shown to the supervisor before submission.

(b) The thesis should be written and submitted before the candidate leaves the University. In exceptional circumstances the Chairman of the Board of Research Studies may give permission for the thesis to be completed elsewhere.

(c) Candidates may find the following publications useful for consultation before writing theses:

SCIENTIFIC THESES

- Australia, C.S.I.R.O., *Guide to authors* (C.S.I.R.O., Melbourne, 1953).
 Barned, J. R., and Petrie, C. M., *Guide to report writing* (C.S.I.R.O. Division of Building Research, Melbourne, 1955).
 Trelease, S. F., *How to write scientific and technical papers* (Williams and Wilkins, Baltimore, 1958).
 Royal Society of London, *General notes on the preparation of scientific papers* (London Royal Society, 1950).
 Emberger, M. R., and Hall, M. R., *Scientific writing* (Harcourt, Brace, New York, 1955).

OTHER THESES

- Cambridge authors' and printers' guides No. 2, *Preparation of manuscripts and correction of proofs* (C.U.P., 1951).
 Cole, A. H., and Bigelow, K. W., *Manual of thesis writing*, 2nd edition (Wiley, 1934).
 Hook, L., and Gaver, M. V., *Research paper* 2nd edition (Prentice Hall, 1953).
 Wills, R. McK., *Scholarly reporting in the humanities* (Humanities Research Council of Canada, 1951).
 McKerrow, R. B., and Silver, H. M., *On the publication of research* (Modern Language Association of America, 1950).
 Oxford University. English Language and Literature, Faculty of, *Notes on the presentation of theses on literary subjects* (Hart-Davis, 1952).
 Newsom, N. W., and Walk, G. E., *Form and standards for thesis writing* (International Textbook Co., 1944).
 Turabian, K. L., *Manual for writers of term papers, theses and dissertations*, revised edition (Chicago U.P., 1955).

2. *Typing.*

(a) A thesis should be typed on quarto paper on one side of the paper only with double spacing, but in exceptional circumstances and with the approval of the Librarian other forms of presentation may be permitted.

(b) Margins should be not less than 1½ inches on the left-hand side and ½ inch on the right-hand side to allow for binding and trimming.

(c) The thesis should incorporate in the following order (i) a title page giving the title of the thesis in full, the names and degrees of the candidate, the name of the Department of the University associated with the work and the date when submitted for the degree; (ii) a table of contents; (iii) a summary in not more than 500 words; (iv) a signed statement to the effect that the thesis contains no material which has been accepted for the award of any other degree or diploma in any University and that, to the best of the candidate's knowledge and belief, the thesis contains no material previously published or written by another person, except when due reference is made in the text of the thesis; (v) the main text; (vi) appendices, if any; (vii) bibliography.

3. *Diagrams and Figures.*

The following are general suggestions for normal practice but they may be varied in special cases with the approval of the Librarian:

- (a) Diagrams and figures, etc., should preferably be drawn or photographed on quarto paper (photographs should not be affixed to quarto paper) and bound in the appropriate place in the text.
- (b) All figures should form a right-hand page with the legend either at the bottom or, if necessary, on the page facing the figures.
- (c) Tables should be inserted in the appropriate place in the text, except that lengthy or bulky tables should appear as an appendix.
- (d) Diagrams, maps, tables, etc., exceeding quarto size, should be folded so as to read as a right-hand page when open.

4. *Binding.*

(a) The thesis must be sewn and bound with stiff covers covered with dark cloth. (A loose-leaf binder of the spring-type or screw-type is not acceptable.)

(b) During binding the edges should be trimmed.

(c) On the spine of the thesis should be given, in gold lettering of suitable size, reading from the bottom to the top, the surname of the candidate and the title of the thesis, abbreviated if necessary.

(d) When published papers are submitted as additional evidence they should be bound in the back of the thesis as an appendix.

5. *Availability.*

(a) Three bound copies of the thesis and two additional loose copies of the summary should be lodged with the Registrar. If the thesis is accepted for the award of the degree the Registrar will distribute two copies to the University Library and one copy to the Head of the appropriate University Department.

(b) Subject to the author's consent, one copy of the thesis deposited in the Library will be available for loan.

(c) Subject to the author's consent, the thesis will be available for photo-copying.

(d) The author will be asked after the award of the degree to give his consent to (b) and (c) in writing. Such notice of consent will be inserted by the Registrar in the copies deposited in the Library.

(e) If the author's consent is not given to section (b) the thesis will in any case become available for loan two years after the award of the degree.

OF THE DEGREE OF BACHELOR OF TECHNOLOGY REGULATIONS

1. There shall be an Ordinary degree of Bachelor of Technology.

2. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Technology and submitted to the Councils of the University and the South Australian Institute of Technology.

Such schedules shall become effective as from the date of approval by both Councils or such other date as the Councils may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

†3. (a) To qualify for the degree of Bachelor of Technology a candidate shall regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed for one of the following Technological courses:

Building Technology,
Civil Engineering,
Surveying,
Electrical Engineering,
Electronic Engineering,
Mechanical Engineering.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty of Technology as appropriate to the course which he has followed.

4. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Faculty.

† Amended 15th January, 1959, and 17th December, 1959; further amendment awaiting allowance at time of printing.

(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work where required to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates at the direction of the professors or lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

(d) There shall be three classifications of pass at the annual examination in any subject or division of a subject for the degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Faculty may determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty of Technology. Any such exemptions will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

*(g) Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.

5. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

6. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

7. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

* Allowed 9th January, 1958.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

8. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Technology may on application be granted such exemption from the requirements of the regulations as the Councils shall determine. (In particular a student who has completed one of the diploma courses introduced by the South Australian School of Mines and Industries in or after the year 1949 will be eligible to qualify for the degree of Bachelor of Technology by matriculating and by satisfying the examiners at re-examination in such major subject or subjects as may be determined in each case by the Faculty. Such a candidate shall surrender his Associateship diploma before being admitted to the degree.)

Allowed 20th December, 1956.

Schedules made by the Council under Regulation 2 of the Degree of Bachelor of Technology

APPROVAL OF COURSES

Each candidate must obtain the approval of the Director of Studies of the Faculty for his proposed course of study.

BACHELOR OF TECHNOLOGY COURSE IN BUILDING TECHNOLOGY

		FIRST YEAR					
Subject No. in Syllabus	Subject	Hours a Week	Fee	£	s.	d.	
1021	Building Science I (T)	Lectures	1	6	0	0	
1024	Building Construction and Drawing I	Lectures	1	}	9	0 0	
		Practical	2				
1031	Architectural Drawing I (T)	Practical	6 ¹ , 3 ²	}	9	15 0	
1039	Bookkeeping and Accounts	Lectures	2				
221	General Physics	Lectures	3	}	15	15 0	
		Practical	3				
201	General Mathematics	Lectures	3	}	15	15 0	
		Tutorials	2				
	<i>Either (a)</i>						
1032	Free Drawing IA	Practical	2		7	10 0	
	<i>Or (b)</i>						
1035	Quantity Surveying I and	Lectures	2		7	10 0	
1033	Architectural History IB	Lectures	1		6	0 0	
		SECOND YEAR					
1022	Building Science II (T)	Lectures	2 ² , 1 ¹	}	8	0 0	
1026	Building Construction and Drawing II	Lectures	1				
		Practical	2	}	9	0 0	
1028	Building Administration I	Lectures	2 ¹ , 1 ²				
1153	Applied Mathematics (T)	Lectures	3	}	9	15 0	
		Tutorial	1				
1208	Strength of Materials (T)	Lectures	2	}	10	10 0	
		Practical	3				
	<i>Either (a)</i>						
1035	Quantity Surveying I and	Lectures	2		7	10 0	
	<i>Supervision—Human Relations</i>	Lectures	1 ³		6	0 0	
	<i>Or (b)</i>						
1036	Quantity Surveying II and	Lectures	2		7	10 0	
1034	Architectural History IIB	Lectures	1	}	9	0 0	
		Practical	2				

		THIRD YEAR			
Subject No. in Syllabus	Subject		Hours a Week	Fee	
				£	s. d.
1008	Surveying IA	Lectures	1	9	15 0
		Practical	3		
1023	Building Science III (T)	Lectures	2	9	0 0
		Practical	3 ¹		
1027	Building Construction and Drawing III	Lectures	1	11	5 0
		Practical	5		
1029	Building Administration II	Lectures	2	10	10 0
		Practical	3		
1038	Estimating and Costing	Lectures	2	7	10 0
1041	Design of Structures	Lectures	1		
		Practical	3	9	15 0
1036	Quantity Surveying II <i>Either (a)</i>	Lectures	2	7	10 0
1037	Quantity Surveying III <i>Or (b)</i>	Lectures	2		

BACHELOR OF TECHNOLOGY COURSE IN CIVIL ENGINEERING

		FIRST YEAR			
Subject No. in Syllabus	Subject		Hours a Week	Fee	
				£	s. d.
232	Chemistry IA	Lectures	2	12	12 0
		Practical	3		
221	General Physics	Lectures	3	15	15 0
		Practical	3		
201	General Mathematics	Lectures	3	15	15 0
		Tutorials	2		
1201	Mechanical Engineering I (T)	Lectures	2	7	10 0
1212	Engineering Drawing and Design I	Practical	4		
1214	Workshop Practice I	Lectures	1	9	15 0
		Practical	3		
		SECOND YEAR			
1001	Structures I (T)	Lectures	3	12	0 0
		Practical	4		
1008	Surveying IA	Lectures	1	9	15 0
		Practical	3		
1008A	Survey Camp			4	10 0
213	Mathematics I (Engineering)	Lectures	3		
1153	Applied Mathematics (T)	Lectures	3	9	15 0
		Tutorial	1		
1211	Hydraulics (T)	Lectures	1	7	10 0
		Practical	3 ¹		
1213	Engineering Drawing and Design II	Lectures	1	9	15 0
		Practical	3		
		THIRD YEAR			
1002	Civil Engineering A	Lectures	3	12	15 0
		Practical	5 ⁰		
1003	Civil Engineering B	Lectures	4	12	0 0
		Practical	3		
1004	Structures II (T)	Lectures	1	12	15 0
		Practical	7		
1005	Methods of Construction and Management	Lectures	1	6	0 0
1052	Electrical Engineering IIA (T)	Lectures	2		
		Practical	2	9	15 0

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

* Including Seminars.

BACHELOR OF TECHNOLOGY COURSE IN SURVEYING

		FIRST YEAR			
Subject No. in Syllabus	Subject		Hours a Week	Fee	
				£	s. d.
232	Chemistry IA	Lectures	2	12	12 0
		Practical	3		
1008	Surveying IA	Lectures	1	9	15 0
		Practical	3		
1008A	Survey Camp			4	10 0
221	General Physics	Lectures	3		
201	General Mathematics	Lectures	3	15	15 0
		Tutorial	2		
1212	Engineering Drawing and Design I	Practical	4	9	15 0

		SECOND YEAR			
Subject No. in Syllabus	Subject	Hours a Week	Fee	£	s. d.
1007	Town Planning Practice I	Lectures 1	}	6	0 0
1009	Surveying Computations	Lectures 3		9	0 0
1010	Surveying II	Lectures 2	}	10	10 0
		Practical 3			
1015	Astronomy	Lectures 2	}	10	10 0
		Practical 3			
1019	Applied Geology and Economic Geography	Lectures 1	}	6	0 0
1025	Building Construction and Drawing IA	Lectures 1		9	0 0
		Practical 2			
213	Mathematics I (Engineering)	Lectures 3	}	15	15 0
		Tutorial 1			
1153	Applied Mathematics (T)	Lectures 3	}	9	15 0
		Tutorial 1			

		THIRD YEAR			
1006	Soils Investigations	Lectures 1	}	7	10 0
		Practical 3 ¹			
1011	Land Surveying Design and Drafting	Practical 3	}	9	0 0
1012	* Mine Surveying	Lectures 1		6	0 0
1013	Photogrammetry	Lectures 3	}	12	15 0
		Practical 6			
1014	Geodesy	Lectures 2	}	10	10 0
		Practical 3			
1016	Surveying Law	Lectures 2	}	7	10 0
1017	Law in Relation to Planning	Lectures 1		6	0 0
1018	Land Valuation—Principles and Practice	Lectures 1	}	6	0 0
1211	Hydraulics (T)	Lectures 1		7	10 0
		Practical 3 ¹			

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

* Practical work at Broken Hill during vacation.

BACHELOR OF TECHNOLOGY COURSE IN ELECTRICAL ENGINEERING

		FIRST YEAR			
232	Chemistry IA	Lectures 2	}	12	12 0
		Practical 3		9	9 0
221	General Physics	Lectures 3	}	15	15 0
		Practical 3		9	9 0
201	General Mathematics	Lectures 3	}	15	15 0
		Tutorials 2			
1201	Mechanical Engineering I (T)	Lectures 2	}	7	10 0
1212	Engineering Drawing and Design I	Practical 4		9	15 0
1214	Workshop Practice I	Lectures 1	}	9	15 0
		Practical 3			
		SECOND YEAR			
1051	Electrical Engineering II (T)	Lectures 2	}	9	15 0
		Practical 2			
213	Mathematics I (Engineering)	Lectures 3	}	15	15 0
		Tutorial 1			
1153	Applied Mathematics (T)	Lectures 3	}	9	15 0
		Tutorials 1			
1202	Mechanical Engineering II (T)	Lectures 2	}	9	0 0
		Practical 2 ³			
1208	Strength of Materials (T)	Lectures 2	}	10	10 0
		Practical 3			
1213	Engineering Drawing and Design II	Lectures 1	}	9	15 0
		Practical 3			
		THIRD YEAR			
1054	Electrical Engineering III (T)	Lectures 2	}	9	15 0
		Practical 2			
1055	Automatic Control	Lectures 1	}	9	15 0
		Practical 3			
1104	Applied Electronics	Lectures 1	}	9	0 0
		Practical 2			

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
1207	Machine Design	Lectures 2 Practical 3 ²	} 9 15 0
1215	Workshop Practice II	Lectures 1 Practical 3	
1272	Engineering Materials	Lectures 2 Practical 2	} 9 15 0

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

BACHELOR OF TECHNOLOGY COURSE IN ELECTRONIC ENGINEERING

FIRST YEAR

232	Chemistry IA	Lectures 2 Practical 3	} 12 12 0
221	General Physics	Lectures 3 Practical 3	
201	General Mathematics	Lectures 3 Tutorials 2	} 15 15 0
1212	Engineering Drawing and Design I	Practical 4	
1214	Workshop Practice I	Lectures 1 Practical 3	} 9 15 0

SECOND YEAR

1051	Electrical Engineering II (T)	Lectures 2 Practical 2	} 9 15 0
1101	Communication Engineering I	Lectures 3 Practical 3	
1104A	Applied Electronics (Short Course)	Lectures 1 ² Practical 2 ²	} 6 0 0
213	Mathematics I (Engineering)	Lectures 3 Tutorial 1	
1154	Electron Physics	Lectures 1 Practical 3	} 9 15 0
1272	Engineering Materials	Lectures 2 Practical 2	

THIRD YEAR

1054	Electrical Engineering III (T)	Lectures 2 Practical 2	} 9 15 0
1055	Automatic Control	Lectures 1 Practical 3	
1102	Communication Engineering II	Lectures 2 Practical 4	} 11 5 0
1105	Electronic Engineering Design	Lectures 1 Practical 2	
1106	Electronic Measurements	Lectures 1 Practical 2	} 9 0 0
1107	Pulse Techniques	Lectures 1 Practical 2	

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE A)

FIRST YEAR

232	Chemistry IA	Lectures 2 Practical 3	} 12 12 0
221	General Physics	Lectures 3 Practical 3	
201	General Mathematics	Lectures 3 Tutorials 2	} 15 15 0
1201	Mechanical Engineering I (T)	Lectures 2	
1212	Engineering Drawing and Design I	Practical 4	} 9 15 0
1214	Workshop Practice I	Lectures 1 Practical 3	

		SECOND YEAR					
Subject No. in Syllabus	Subject		Hours a Week	£	s.	d.	
213	Mathematics I (Engineering)	Lectures	3	15	15	0	}
		Tutorial	1				
1153	Applied Mathematics (T)	Lectures	3	9	15	0	}
		Tutorial	1				
1202	Mechanical Engineering II (T)	Lectures	2	9	0	0	}
		Practical	2 ³				
1208	Strength of Materials (T)	Lectures	2	10	10	0	}
		Practical	3				
1213	Engineering Drawing and Design II	Lectures	1	9	15	0	}
		Practical	3				
1272	Engineering Materials	Lectures	2	9	15	0	}
		Practical	2				

		THIRD YEAR					
Subject No. in Syllabus	Subject		Hours a Week	£	s.	d.	
1052	Electrical Engineering IIA (T)	Lectures	2	9	15	0	}
		Practical	2				
1104	°Applied Electronics	Lectures	1	9	0	0	}
		Practical	2				
1203	Mechanical Engineering III (T)	Lectures	2	10	10	0	}
		Practical	3				
1207A	Machine Design Project	Lectures	2	10	10	0	}
		Practical	3				
1215	Workshop Practice II	Lectures	1	9	15	0	}
		Practical	3				
1256	°Industrial Instrumentation	Lectures	1	9	15	0	}
		Practical	3				
1265	Metal Fabrication ...	Lectures	1	6	0	0	}
1266	Foundry Practice	Lectures	1				
		Practical	3				

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 ... £10 10 0.

° Omit one of these subjects.

BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE B)

		FIRST YEAR					
Subject No. in Syllabus	Subject		Hours a Week	£	s.	d.	
232	Chemistry IA	Lectures	2	12	12	0	}
		Practical	3				
221	General Physics	Lectures	3	15	15	0	}
		Practical	3				
201	General Mathematics	Lectures	3	15	15	0	}
		Tutorials	2				
1204	Refrigeration Engineering I	Lectures	2	7	10	0	}
1212	Engineering Drawing and Design I	Practical	4				
1214	Workshop Practice I	Lectures	1	9	15	0	}
		Practical	3				

		SECOND YEAR					
Subject No. in Syllabus	Subject		Hours a Week	£	s.	d.	
213	Mathematics I (Engineering)	Lectures	2	15	15	0	}
		Tutorial	3				
1153	Applied Mathematics (T)	Lectures	3	9	15	0	}
		Tutorial	3				
1205	Refrigeration Engineering II	Lectures	2	9	15	0	}
		Practical	2				
1208	Strength of Materials (T)	Lectures	2	10	10	0	}
		Practical	3				
1213	Engineering Drawing and Design II	Lectures	1	9	15	0	}
		Practical	3				
1270	Chemistry I, Organic (T)	Lectures	1	9	0	0	}
		Practical	3 ²				

		THIRD YEAR			
Subject No. in Syllabus	Subject	Hours a Week	Fee	£	s. d.
1052	Electrical Engineering IIA (T)	Lectures 2	}	9	15 0
		Practical 2			
1104	*Applied Electronics	Lectures 1	}	9	0 0
		Practical 2			
1203	Mechanical Engineering III (T)	Lectures 2	}	10	10 0
		Practical 3			
1206	Refrigeration Engineering III	Lectures 2	}	9	15 0
		Practical 3 ^a			
1215	Workshop Practice II	Lectures 1	}	9	15 0
		Practical 3			
1216	*Principles of Business and Industry	Lectures 2	}	7	10 0
1256	*Industrial Instrumentation	Lectures 1			
		Practical 3	}	9	15 0
1272	Engineering Materials	Lectures 2			
		Practical 2			

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

^a Omit two of these subjects. This course has been designed to meet the needs of Refrigeration Engineers.

OF THE DEGREE OF BACHELOR OF APPLIED SCIENCE REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Applied Science. A candidate may obtain either degree or both.

2. (a) For the Ordinary degree schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Technology and submitted to the Councils of the University and the South Australian Institute of Technology.

Such schedules shall become effective as from the date of approval by both Councils or such other date as the Councils may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

(b) For the Honours degree 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 submitted to the Council of the University.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

3. (a) To qualify for the degree of Bachelor of Applied Science, 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 courses:

- Applied Chemistry (Courses A and B).
- Primary Metallurgy.
- Secondary Metallurgy.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than six months' practical experience, not necessarily consecutive, in work approved by the Faculty of Technology for the Ordinary degree or by the Faculty of Engineering for the Honours degree as appropriate to the course which he has followed.

4. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Faculty.

(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work where required to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates at the direction of the professors or lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

(d) There shall be three classifications of pass at the annual examination in any subject or division of a subject for the degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Faculty may determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty. Any such exemptions will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

(g) Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.

5. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

6. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

7. A candidate who has 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 Applied Science may on application be granted such exemption from the requirements of these regulations as the Councils shall determine. In particular a candidate who holds the degree of Bachelor of Technology in Chemical Technology, Primary Metallurgy, Secondary Metallurgy, Extractive Metallurgy, Physical Metallurgy or Mineral Dressing may be permitted to qualify for the degree of Bachelor of Applied Science by satisfying the examiners in such subjects as may be determined in each case by the Faculty. Such a candidate shall surrender his degree of Bachelor of Technology before being admitted to the degree of Bachelor of Applied Science.

Awaiting allowance at time of printing.

Schedules made by the Council under Regulation 2

APPROVAL OF COURSES

Each candidate must obtain the approval of the Director of Studies of the Faculty for each year of his proposed course of study.

COURSES FOR THE DEGREE OF BACHELOR OF APPLIED SCIENCE IN APPLIED CHEMISTRY, PRIMARY METALLURGY AND SECONDARY METALLURGY

1. ARRANGEMENT OF COURSES.

The courses shall occupy four years of full-time study. Details of these courses are set out in Clauses 4 and 5. However, in the case of a candidate who is exempted from General Mathematics (201), General Physics (221), and Chemistry IA (232) (see Clause 2) only three years of full-time study will be necessary, beginning with the Second Year of courses as set out in Clause 5.

2. EXEMPTION FROM FIRST YEAR SUBJECTS.

(a) A candidate who has passed at the Leaving Honours examination of the University of Adelaide in all of the subjects Mathematics, Parts I and II, Physics and Chemistry, will be granted exemption from General Mathematics (201), General Physics (221), and Chemistry IA (232) and may enter the Second Year of a course as set out in Clauses 5 to 9.

A similar exemption may be granted by the Faculty to a candidate who has passed in appropriate examinations at other approved Universities or Institutions.

(b) A candidate who is not exempted from all of the subjects General Mathematics (201), General Physics (221) or Chemistry IA (232) will be required to take all of the subjects of the First Year of a course as set out in Clause 4, provided that, in exceptional circumstances, a candidate who passed in appropriate examinations may be granted exemption by the Faculty in one or two of the subjects General Mathematics (201), General Physics (221) or Chemistry IA (232).

3. COMPLETION OF SUBJECTS.

It is not necessary for a candidate to take all the subjects of any one Year simultaneously or to complete all the subjects set out for one Year before enrolling for any subject of the following Year, provided that the pre-requisite subjects have been passed. But a candidate who desires to take a Third Year subject before completing the First Year, or a Fourth Year subject before completing the Second Year, must obtain the permission of the Faculty.

4. FIRST YEAR COURSE.

Subject No. in Syllabus	Subject	Lectures	Tutorials	Hours a Week	Fee
					£ s. d.
201	General Mathematics	Lectures	3	}	15 15 0
		Tutorials	2		
221	General Physics	Lectures	3	}	15 15 0
		Practical	3		
232	*Chemistry IA	Lectures	2	}	12 12 0
		Practical	3		

5. SECOND, THIRD AND FOURTH YEAR COURSES.

SECOND YEAR

213	Mathematics I (Engineering)	Lectures	3	}	15 15 0
		Tutorial	1		
222B	*Physics B (Engineering)	Lectures	2	}	10 10 0
		Practical	3		
234	*Chemistry IIA	Lectures	3	}	15 15 0
		Practical	6		
1212	Engineering Drawing and Design I	Lectures	4	}	9 15 0
1272	Engineering Materials	Practical	2		

THIRD YEAR

APPLIED CHEMISTRY (COURSE A)

236A	*Organic Chemistry IIA	Lectures	2	}	12 12 0
		Practical	6		
468	*Applied Physical Chemistry	Lectures	2	}	12 12 0
		Practical	3		
1201	Mechanical Engineering I (T)	Lectures	3	}	6 6 0
1209	Materials and Structures	Practical	2		
1257	*Process Technology I	Lectures	2, 3 ¹	}	7 10 0
		Lectures	2		
1257	*Process Technology I	Lectures	2 ² , 3 ¹	}	12 12 0
		Lectures	2		

APPLIED CHEMISTRY (COURSE B)

236A	*Organic Chemistry IIA	Lectures	2	}	12 12 0
		Practical	6		
468	*Applied Physical Chemistry	Lectures	2	}	12 12 0
		Practical	3		
807	*Human Nutrition	Lectures	1	}	7 17 6
1257	*Process Technology I	Lectures	2 ² , 3 ¹		
1280	*Industrial Microbiology I	Lectures	2	}	12 12 0
		Practical	4		

PRIMARY METALLURGY

251A	*Geology IA	Lectures	2 ²	}	8 8 0
		Practical	4 ²		
468	*Applied Physical Chemistry	Lectures	2	}	12 12 0
		Practical	3		
1052	Electrical Engineering IIA (T)	Lectures	2	}	9 15 0
		Practical	2		
1201	Mechanical Engineering I (T)	Lectures	2	}	7 10 0
1209	Materials and Structures	Lectures	2		
1257	*Process Technology I	Lectures	2	}	9 15 0
		Practical	2		
1257	*Process Technology I	Lectures	2 ² , 3 ¹	}	12 12 0
		Lectures	2		

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

** Candidates enrolled for Applied Chemistry (Course B) are required to take Biology (269) instead of Physics B (Engineering) (222B).

SECONDARY METALLURGY

Subject No. in Syllabus	Subject	Hours a Week	Fee £ s. d.
468	*Applied Physical Chemistry	Lectures 2 Practical 3	12 12 0 6 6 0
1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	9 15 0
1201	Mechanical Engineering I (T)	Lectures 2 Practical 2	7 10 0 9 15 0
1209	Materials and Structures	Lectures 2 Practical 2	12 12 0
1257	*Process Technology I	Lectures 2 ² , 3 ¹ Practical 1	9 15 0
1263	Physical Metallurgy I	Lectures 1 Practical 3	12 12 0 9 15 0

FOURTH YEAR

APPLIED CHEMISTRY (COURSE A)

1052	Electrical Engineering IIA (T)	Lectures 2 Practical 2	9 15 0
1213	Engineering Drawing and Design II	Lectures 1 Practical 3	9 15 0
1251	**Analytical Chemistry	Lectures 1 Practical 3	9 15 0
1256	**Industrial Instrumentation	Lectures 1 Practical 3	9 15 0
1258	Process Technology II	Lectures 1 Practical 3	9 15 0
1259	*Unit Operations	Lectures 2 Practical 6	12 15 0
1267	*Industrial Economics	Lectures 1 Practical 3 Lectures 1 ²	6 6 0 6 6 0 4 4 0

APPLIED CHEMISTRY (COURSE B)

1204	**Refrigeration Engineering I	Lectures 2 Practical 2	7 10 0 9 15 0
1209	**Materials and Structures	Lectures 2 Practical 2	9 15 0
1256	**Industrial Instrumentation	Lectures 1 Practical 3	9 15 0
1258	Process Technology II	Lectures 2 Practical 3	12 15 0
1259	*Unit Operations	Lectures 1 Practical 6	6 6 0 6 6 0
1267	*Industrial Economics	Lectures 1 Practical 3	6 6 0 6 6 0
1281	*Industrial Microbiology II	Lectures 1 ² Practical 2 Lectures 2 Practical 6	4 4 0 12 12 0 12 12 0

PRIMARY METALLURGY

427	*Hydraulics B	Lectures 1 Practical 3 ¹	6 6 0 2 2 0
466	*Mineral Dressing	Lectures 2 Seminar 2 ¹ Practical 3 ²	15 15 0 4 4 0 12 12 0
471	*Mining Engineering I	Lectures 2 Practical 3	6 6 0 9 15 0
1213	Engineering Drawing and Design II	Lectures 1 Practical 3	11 5 0
1254	*Extractive Metallurgy I	Lectures 2 Seminar 1 Practical 3	9 15 0
1256	Industrial Instrumentation	Lectures 1 Practical 3	9 15 0
1267	*Industrial Economics	Lectures 1 ² Practical 3	4 4 0

SECONDARY METALLURGY

1213	Engineering Drawing and Design II	Lectures 1 Practical 3	9 15 0
1251	Analytical Chemistry	Lectures 1 Practical 3	9 15 0
1255	Extractive Metallurgy IA	Lectures 1 Practical 3	9 15 0
1262	Physical Metallurgy Project	Lectures 6 Practical 1	11 5 0
1264	Physical Metallurgy II	Lectures 1 Practical 3	9 15 0
1265	Metal Fabrication	Lectures 1 Practical 3 ¹	7 10 0
1266	Foundry Practice	Lectures 1 Practical 3 ²	9 0 0
1267	*Industrial Economics	Lectures 1 ² Practical 3	4 4 0

* Lectures and Practical Work in this subject are at present given wholly or partly at the University.

** Omit one of these subjects.

*** Omit two of these subjects.

6. HONOURS DEGREE.

(a) The Honours degree shall be available in each of the following courses:

Applied Chemistry (Courses A and B);
Primary Metallurgy;
Secondary Metallurgy.

(b) No candidate shall proceed to the Honours degree except with the approval of the Faculty of Engineering. Before granting such permission, the Faculty will take into consideration the candidate's work up to the time of his application.

(c) A candidate for the Honours degree shall regularly attend lectures and practical work for one year and shall pass examinations in one of the subjects scheduled in Syllabus No. 1282.

(d) A candidate for the Honours degree in any subject shall not begin the final-year Honours work in that subject until he has qualified for the Ordinary degree of Bachelor of Applied Science and has included in his qualifications all the courses in that subject prescribed for the Ordinary degree.

(e) 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

(f) The fee payable by candidates for the final year's work for the Honours degree shall be £78/15/-.

TABLE OF FEES

The fees payable by candidates for tuition and examination in the various undergraduate and diploma courses, for admission to degrees and the granting of diplomas, and on candidature for higher degrees, are prescribed in the appropriate regulations or schedules made by the Council. They are here assembled and published in one table for convenience of reference.

The table does not include the Statutory Annual Fee and the General Service Fee, which are payable by all undergraduates and candidates for diplomas, nor does it include hospital fees payable by medical students, and other incidental fees.

COMPULSORY EXCURSIONS AND CAMPS.

The attention of students is drawn to the fact that attendance on excursions or at camps (usually during vacation) forms a compulsory part of the practical work associated with some subjects or courses. The students must meet the travel and living costs involved *in addition to* the specific fees for the subjects or courses prescribed by and payable to the University.

Over recent years the subjects, courses and costs involved have been approximately as follows:

Arts:

Geography II	.....	.....	.....	.....	.....	£6	0	0
Geography III	.....	.....	.....	.....	.....	9	0	0

Science:

Geology II	.....	.....	.....	.....	.....	8	0	0
Geology III	.....	.....	.....	.....	.....	8	0	0
Honours Economic Geology	.....	.....	.....	.....	.....	28	0	0
Botany II	.....	.....	.....	.....	.....	16	0	0
Botany III	14	0	0

Agricultural Science:

Fourth-year Agricultural Science	50	0	0
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Engineering:

Civil Engineering, First Survey Camp	9	0	0
Civil Engineering, Second Survey Camp	14	0	0
Mining, Metallurgical and Chemical Engineering (Third Year)	.....	.....	.....	.....	.....	45	0	0
Engineering (Fourth Year)	.....	.....	.....	.....	.....	45	0	0
Mechanical Engineering II	.....	.....	.....	.....	.....	12	0	0

This list is published only for the information and guidance of students and in no way restricts the University in determining each year the nature, duration and approximate cost of the excursions or camps associated with particular subjects or courses, or the list of subjects and courses in which such attendance may be required.

The following fees are payable in advance in such instalments as the Council shall from time to time determine:

1. DEGREE OF BACHELOR OF ARTS

A. Ordinary Degree of B.A.:

- (1) For attendance (or re-attendance) at lectures and annual examination in each course except Science subjects - - - £15 15 0
- (2) For a special examination in any course 5 5 0
- (3) For an annual examination with exemption from attendance or re-attendance at lectures 7 17 6
- (4) For attendance (or re-attendance) at lectures, laboratory work and annual examination in each course in a Science subject: the same fees as are prescribed in the schedule for the degree of Bachelor of Science.

B. Honours Degree of B.A.:

(1) For such courses for the Ordinary degree as candidates are required to take: the fees prescribed in Section A.	
(2) For each of Old and Middle English I and II, Old and Middle French I and II, and Older German Language and Literature I and II	£15 15 0
(3) for Honours Mathematics III	31 10 0
(4) For instruction and final examination in the following schools:	
Classics, Latin, Politics, History, Philosophy, Mathematics, English Language and Literature (Scheme A and Scheme B), French Language and Literature, Economics, Geography, German, Psychology, each	63 0 0

Note: These fees cover all work, except courses for the Ordinary degree and Interim courses provided for in B. (2) above, which the Head of the school deems necessary for the Honours course selected.

II. DIPLOMA IN EDUCATION (OLD REGULATIONS)

A. For attendance (or re-attendance) at lectures and annual examination:	
(1) In Hygiene	£7 17 6
(2) In Educational Psychology I and II— —each part	7 17 6
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary) I, II and III—each part	7 17 6
B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures	3 18 9
C. For the course in Practical Teaching	7 17 6
D. For the Diploma	5 5 0

IIA. DIPLOMA IN EDUCATION (NEW REGULATIONS)

A. For attendance (or re-attendance) at lectures and annual examination in each subject	£10 10 0
B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures	5 5 0
C. For the course in Practical Teaching and Methodology	10 10 0
D. For the Diploma	5 5 0

III. DEGREE OF MASTER OF ARTS

A. Under Regulation 2 (b and c):	
(1) For instruction in courses other than those provided for the Ordinary or Honours degree of B.A. - - - - -	£31 10 0
(2) For guidance without instruction - - - - -	15 15 0
B. Under Regulation 3:	
On approval of the subject of the thesis or on beginning the course of study - - - - -	10 10 0
C. On submission or re-submission of the thesis - - - - -	10 10 0
D. On admission to the degree - - - - -	10 10 0

IV. DEGREE OF MASTER OF EDUCATION

A. For attendance (or re-attendance) at lectures and annual examination in each subject - - - - -	£15 15 0
B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	7 17 6
C. On submission or re-submission of the thesis - - - - -	10 10 0
D. On admission to the degree - - - - -	10 10 0

V. DEGREE OF DOCTOR OF LETTERS

A. On approval of the subject of the work - - - - -	£31 10 0
B. On admission to the degree - - - - -	10 10 0

VI. DEGREE OF BACHELOR OF ECONOMICS

A. For attendance (or re-attendance) at lectures and annual examination:	
(1) For subjects which are included in the schedule for the degree of Bachelor of Arts: the fees prescribed in that schedule.	
(2) For each other subject - - - - -	£15 15 0
(3) For a special examination in any subject	5 5 0
For an annual examination with exemption from attendance (or re-attendance) at lectures - - - - -	7 17 6
B. For the Honours work and final Honours examination in Economics - - - - -	63 0 0

VII. DEGREE OF MASTER OF ECONOMICS

A. Under Regulation 2 (b and c):	
(1) For instruction in courses other than those provided for the Ordinary or Honours degree of Bachelor of Arts or Bachelor of Economics - - - - -	£31 10 0
(2) For guidance without instruction - - - - -	15 15 0
B. On approval of the subject of the thesis - - - - -	10 10 0
C. On submission or re-submission of the thesis - - - - -	10 10 0
D. On admission to the degree - - - - -	10 10 0

VIII. DEGREE OF MASTER OF BUSINESS MANAGEMENT

A. Annual fee for seminar courses:					
Full-time candidates	-	-	-	-	£63 0 0
Part-time candidates	-	-	-	-	31 10 0
B. On entry for the examination		-	-	-	10 10 0
C. On approval of the subject of the thesis		-	-	-	10 10 0
D. On presentation or re-presentation of the thesis		-	-	-	10 10 0
E. On admission to the degree		-	-	-	10 10 0

IX. DEGREE OF BACHELOR OF SCIENCE

A. For the Ordinary Degree:	Lectures	Practical Work
(1) General Mathematics, Mathematics I and II, Pure Mathematics II and III, Applied Mathematics II and III, Statistical Methods and Mathematical Statistics and Mathematical Physics A: each	£15 15 0	
(2) Third-year Honours course in Mathematics	31 10 0	
(3) General Physics, Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology: each	15 15 0	£9 9 0
(4) Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Biochemistry I, Botany II, Geology II, Zoology II, Physiology I (from 1962), Genetics I and Histology (1961 and 1962 only): each	15 15 0	15 15 0
(5) Physics III, Physics IIIA, Mathematical Physics B, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry II, Physiology (1961 and 1962 only), Geology III, Botany III, Zoology III, Microbiology, Physiology II (from 1963), Genetics II, and Histology (from 1963): each	15 15 0	26 5 0

(6) Special Subjects:				
Agricultural Economics	-	15	15	0
Soil Science IA	- - -	15	15	0
Palaeontology	- - -	15	15	0
Botany IIA	- - -	18	18	0
A composite subject in lieu of a subject from Group C (inclusive fee)	- - - -	42	0	0
Scientific German (for candidates other than Honours students)	- - - -	3	3	0

B. For the Honours Degree:

For the final-year Honours work and the final examination in any subject	- - -	£78	15	0
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Note: The foregoing amounts, which do not include the fees for pass work, are inclusive of all fees payable for courses taken at the University which the Faculty deems necessary for the Honours course in the school selected.

C. For a supplementary examination (theoretical or practical or both)

- - - - -	5	5	0
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Notes: (1) The cost of field excursions associated with the various subjects is not included in the annual fee.

(2) The fees for the course at the Australian Forestry School are not included in this schedule.

X. DEGREE OF MASTER OF SCIENCE

Annual Registration Fee for full-time students	- -	£42	0	0
Annual Registration Fee for part-time students	- -	21	0	0
On submission or re-submission of the thesis	- -	10	10	0
On entry for any examination required	- -	10	10	0
On admission to the degree	- - - -	10	10	0

XI. DEGREE OF DOCTOR OF SCIENCE

On approval of the subject of the work	- - -	£31	10	0
On admission to the degree	- - - -	10	10	0

XII. DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

A. For the Ordinary Degree:

(1) For each year's work, including one annual examination	- - - - -	£84	0	0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject	- - - - -	5	5	0

Note: The cost of attendance on compulsory tours in the third and fourth years of the course is not included in the annual fee.

B. For the Honours Degree:

Inclusive fee for courses which the head of the department deems necessary for the Honours course in the subject selected, including the examinations required	- - - - -	78	15	0
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XIII. DEGREE OF MASTER OF AGRICULTURAL SCIENCE

Annual Registration Fee for full-time students - -	£42 0 0
Annual Registration Fee for part-time students - -	21 0 0
On presentation or re-presentation of the thesis - -	10 10 0
On entry for any examination required - - -	10 10 0
On admission to the degree - - - - -	10 10 0

XIV. DEGREE OF MASTER OF ENGINEERING

Annual Registration Fee for full-time students - -	£42 0 0
Annual Registration Fee for part-time students - -	21 0 0
On presentation or re-presentation of the thesis - -	10 10 0
On entry for any examination required - - -	10 10 0
On admission to the degree - - - - -	10 10 0

XV. DEGREE OF BACHELOR OF ENGINEERING

A. For attendance at lectures, practical work and annual examination: those prescribed in the schedule of subjects for the degree.	
B. For the special Honours work including examination:	
Lectures - - - - -	£15 15 0
Practical - - - - -	15 15 0
C. For a special examination (theoretical or practical or both) in any University subject - - -	
	5 5 0

The fees for subjects and examinations of the South Australian Institute of Technology are as prescribed by that institution.

Note: The cost of field excursions associated with the various subjects is not included in the annual fee.

XVI. DEGREE OF BACHELOR OF LAWS AND FINAL CERTIFICATE IN LAW

A. Entrance fee - - - - -	£3 3 0
B. For attendance (or re-attendance) at lectures and examination in each legal subject of the course -	15 15 0
C. For attendance at the course of lectures in Legal Ethics and Accounts - - - - -	5 5 0
D. For attendance (or re-attendance) at lectures and examination in any Arts subject: the fee prescribed in the schedule for the Ordinary degree of Bachelor of Arts.	
E. For examination in Justinian's Institutes - -	5 5 0
F. For the additional examination required for the Honours degree of Bachelor of Laws - - -	15 15 0
G. For the Final Certificate - - - - -	5 5 0
H. For a supplementary examination in any subject -	5 5 0
J. For attendance at the course of lectures in Taxation Law - - - - -	7 17 6

XVII. DEGREE OF MASTER OF LAWS

On presentation of the thesis - - - - -	£10 10 0
On entry for any examination required - - -	10 10 0
On admission to the degree - - - - -	10 10 0

XVIII. DEGREE OF DOCTOR OF LAWS

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

XIX. DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

A. For attendance (or re-attendance) at lectures, practical work and annual examination:	
(1) In each of the first, second and third years	£100 0 0
(2) In each of the fourth, fifth and sixth years	90 0 0
B. For a supplementary examination:	
(1) In any single subject - - - - -	5 5 0
(2) In any group of subjects - - - - -	10 10 0

XX. DEGREE OF BACHELOR OF MEDICAL SCIENCE

For the special year's work and examination in any subject for the Ordinary degree or for the Honours degree - - - - -	£78 15 0
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XXI. DEGREE OF DOCTOR OF MEDICINE

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

XXII. DEGREE OF MASTER OF SURGERY

On presentation (or re-presentation) of the thesis -	£31 10 0
On entry for the oral examination (if required) -	10 10 0
On admission to the degree - - - - -	10 10 0

XXIII. DEGREE OF BACHELOR OF DENTAL SURGERY

A. For attendance (or re-attendance) at lectures, practical work and annual examination in each year of the course for the Ordinary or Honours Degree -	£90 0 0
B. For a supplementary examination in Clinical Den- tistry I or II - - - - -	10 10 0
C. For a supplementary examination in any other subject - - - - -	5 5 0

XXIV. DEGREE OF MASTER OF DENTAL SURGERY

A. Annual Registration fee for full-time students -	£42 0 0
B. Annual Registration fee for part-time students -	21 0 0
C. On entry for any examination required - - - - -	10 10 0
D. On presentation (or re-presentation) of a thesis -	10 10 0
E. On admission to the degree - - - - -	10 10 0

XXV. DEGREE OF DOCTOR OF DENTAL SCIENCE

On presentation of the thesis - - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

XXVI. DIPLOMA OF ASSOCIATE IN MUSIC

A. For the Entrance Examination in Music, if required - - - - -	£3 3 0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	63 0 0
C. For Chief Practical Study taken separately - - - - -	37 16 0
For Second Practical Study taken separately - - - - -	18 18 0
For each other subject taken separately - - - - -	10 10 0
Up to a maximum of the annual fee of £63 for the full year's course being taken for the first time.	
D. For a supplementary examination in any subject of a year's work - - - - -	5 5 0
E. For the diploma - - - - -	5 5 0

XXVII. FELLOWSHIP OF THE ELDER CONSERVATORIUM OF MUSIC

On entering for the examination - - - - -	£21 0 0
For the Fellowship - - - - -	10 10 0

XXVIII. DEGREE OF BACHELOR OF MUSIC

A. For the entrance examination in the Theory of Music, if required - - - - -	£3 3 0
B. For each year's work and examination - - - - -	52 10 0
C. On entry for the final examination for either the Ordinary degree or the Honours degree - - - - -	10 10 0
D. For a supplementary examination in any subject of a year's work - - - - -	5 5 0
E. For admission to the degree - - - - -	5 5 0
F. For subjects taken separately: £10/10/- up to a maximum of the annual fee of £52/10/- for the full year's course.	

XXIX. DEGREE OF DOCTOR OF MUSIC

On presentation of the exercise - - - - -	£15 15 0
On entering for the Final Examination - - - - -	15 15 0
On admission to the degree - - - - -	10 10 0

XXX. DIPLOMA IN PUBLIC ADMINISTRATION

A. For courses from the Faculty of Arts and the Faculty of Economics: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Economics.	
B. For attendance (or re-attendance) at lectures and examination in Public Finance - - - - -	£7 17 6
C. For a supplementary examination in Public Finance - - - - -	3 3 0
D. For the diploma - - - - -	5 5 0

XXXI. DIPLOMA IN PHARMACY

For the diploma - - - - -	£5 5 0
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XXXII. DIPLOMA AND CERTIFICATE IN PHYSICAL EDUCATION

- A. For subjects taken in the Faculties of Arts and Science: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Science.
- B. For the subjects included under Regulation 3 (b): £126 payable in two annual instalments of £63 each.
- C. Undergraduates may be admitted to the course of lectures in any theoretical subject without payment of fees, and a limited number to practical work on conditions prescribed by the Council.
- D. For subjects taken separately:
- | | | |
|--|-----------|----------|
| Second-year Course: | | |
| Human Biology | - - - - - | £15 15 0 |
| Hygiene | - - - - - | 7 17 6 |
| Body Mechanics | - - - - - | 5 5 0 |
| First Aid | - - - - - | 1 1 0 |
| Practice of Physical Education | - - - - - | 10 10 0 |
| History of Education | - - - - - | 7 17 6 |
| Practical Work, Part I | - - - - - | 21 0 0 |
| Third-year Course: | | |
| Human Physiology | - - - - - | 15 15 0 |
| Human Nutrition | - - - - - | 7 17 6 |
| Clinical Observation and Remedial Work | - - - - - | 7 17 6 |
| Principles of Physical Education | - - - - - | 10 10 0 |
| Physical Psychology | - - - - - | 7 17 6 |
| Practical Work, Part II | - - - - - | 21 0 0 |
- E. For each section of either part of the Practical Work - - - - - 4 4 0
- F. For the course in Practical Teaching - - - - - 7 17 6
- G. For a supplementary examination in any subject - 5 5 0
- H. For the Diploma - - - - - 5 5 0

XXXIII. DIPLOMA IN SOCIAL STUDIES

- A. For subjects from the Faculties of Arts and Economics: the fees prescribed in the Schedules for the degrees of Bachelor of Arts and Bachelor of Economics.
- B. For attendance (or re-attendance) at lectures and examination:
- | | | |
|------------------------|-----------|---------|
| In Social Organisation | - - - - - | £7 17 6 |
| In Human Nutrition | - - - - - | 7 17 6 |
| In Social Work III | - - - - - | 31 10 0 |
| In each other subject | - - - - - | 15 15 0 |
- C. For the Diploma - - - - - 5 5 0

XXXIV. DIPLOMA IN PHYSIOTHERAPY

- A. For each year's work, including one annual examination - - - - - £63 0 0
- B. For a supplementary examination in any subject - 5 5 0
- C. For the Diploma - - - - - 5 5 0

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital practice.

XXXV. DEGREE OF BACHELOR OF ARCHITECTURE

A. For the Ordinary degree:

- (1) For each year's work, including one annual examination - - - - - £84 0 0
(The annual fee will include the fee payable for a subject taken at the S.A. Institute of Technology.)
- (2) For a supplementary or special examination (theoretical or practical or both) in any subject 5 5 0
- (3) For subjects taken separately: £15 15 0 each up to a maximum of the annual fee of £84 for the full year's course.

B. For the Honours degree:

For the additional Honours work and examination 31 10 0

XXXVI. DEGREE OF MASTER OF ARCHITECTURE

For work under the direction of a supervisor (if required or undertaken) - - - - -	£42 0 0
On presentation or re-presentation of the thesis - -	10 10 0
On entry for any examination required - - - -	10 10 0
On admission to the degree - - - - -	10 10 0

XXXVII. DEGREE OF DOCTOR OF PHILOSOPHY

The following fees shall be paid in advance by candidates in such instalments as the Council may determine from time to time:

- A. For each term's work for the degree until submission of thesis - - - - - £14 0 0
- B. On submission of the thesis for examination - - 21 0 0
- C. On resubmission of thesis, including fees for any additional work required - - - - - 31 10 0
- D. On admission to the degree - - - - - 10 10 0

XXXVIII. DEGREE OF BACHELOR OF TECHNOLOGY

For attendance at lectures, practical work, thesis or other work and annual examination: those prescribed in the schedule of subjects for the degree.

XXXIX. DEGREE OF BACHELOR OF APPLIED SCIENCE

A. For the Ordinary degree:

For attendance at lectures, practical work, thesis or other work and annual examination: those prescribed in the schedule of subjects for the degree.

B. For the Honours degree:

For the additional Honours work and examination £78 15 0

NOTES AND INSTRUCTIONS TO CANDIDATES FOR THE
DEGREE OF MASTER

I. GENERAL

(Applicable to candidates in the Faculties of Agricultural Science, Architecture, Arts, Economics, Engineering and Science.)

1. The attention of candidates is drawn to Clause 2B of Chapter XXV of the Statutes, to the Regulations of the appropriate degrees contained in the University Calendar and to the Schedules made by the Council of the University.

2. The subject of the thesis must be approved by the appropriate Faculty and may not be altered without the permission of the Faculty.

3. A candidate for the degree of Master in the Faculties of Agricultural Science, Architecture, Arts, Economics, Engineering (under Regulation 3 of that degree) and Science pursues a course of research under the direction of a supervisor who will report to the appropriate Faculty annually or whenever the supervisor considers that the candidate is not making satisfactory progress in his work.

4. It is the duty of the candidate to keep his supervisor fully informed of the progress of his research and to consult him about future work and about the general planning of his thesis.

5. The function of the supervisor is not to plan at all directly the work that the research student should do, but rather to provide a trained mind upon which the student may test his ideas and so be led to develop his own critical faculties. The thesis itself should represent the student's own work, assisted only by the general aid obtained by discussion with his supervisor as to the most satisfactory methods of developing and presenting his material. For a candidate whose mother tongue is not English, some help with the syntax may be given with the approval of the supervisor.

6. If more than one supervisor is appointed by the Faculty, the candidate shall consult all such supervisors on all matters of general concern to his work and thesis.

7. The responsibility for the layout of the thesis rests with the candidate after discussion with his supervisor. Before commencing to write his thesis a candidate should discuss its appropriate length with his supervisor; and the completed thesis should be shown to the supervisor before presentation for examination.

II. SPECIFICATIONS FOR THESES

(Applicable to candidates in all Faculties.)

1. *Preparation.*

Candidates may find the following publications useful for consultation before writing theses:

Scientific Theses

Australia, C.S.I.R.O., *Guide to authors* (C.S.I.R.O., Melbourne, 1953).

- Barned, J. R., and Petrie, C. M., *Guide to report writing* (C.S.I.R.O., Division of Building Research, Melbourne, 1955).
- Trelease, S. F., *How to write scientific and technical papers* (Williams and Wilkins, Baltimore, 1958).
- Royal Society of London, *General notes on the preparation of scientific papers* (London Royal Society, 1950).
- Emberger, M. R., and Hall, M. R., *Scientific writing* (Harcourt, Brace, New York, 1955).

Other Theses

- Cambridge authors' and printers' guides, No. 2, *Preparation of manuscripts and correction of proofs* (C.U.P., 1951).
- Cole, A. H., and Bigelow, K. W., *Manual of thesis writing*, 2nd edition (Wiley, 1934).
- Hook, L., and Gaver, M. V., *Research paper*, 2nd edition (Prentice-Hall, 1953).
- Wills, R. McK., *Scholarly reporting in the humanities* (Humanities Research Council of Canada, 1951).
- McKerrow, R. B., and Silver, H. M., *On the publication of research* (Modern Language Association of America, 1950).
- Oxford University. English Language and Literature, Faculty of, *Notes on the presentation of theses on literary subjects* (Hart-Davis, 1952).
- Newsom, N. W., and Walk, G. E., *Form and standards for thesis writing* (International Textbook Co., 1944).
- Turabian, K. L., *Manual of writers of term papers, theses and dissertations*, revised edition (Chicago U.P., 1955).

2. Typing.

(a) A thesis should be typed on quarto paper on one side of the paper only with double spacing, but in exceptional circumstances and with the approval of the Librarian other forms of presentation may be permitted.

(b) Margins should be not less than 1½ inches on the left-hand side and ½ inch on the right-hand side to allow for binding and trimming.

(c) The thesis should incorporate in the following order (i) a title page giving the title of the thesis in full, the names and degrees of the candidate, the name of the organization, institute or laboratory in which the research was carried out, the names of the Department of the University associated with the work and the date when submitted for the degree; (ii) a table of contents; (iii) a summary in not more than 500 words; (iv) a signed statement to the effect that the thesis contains no material which has been accepted for the award of any other degree or diploma in any University and that, to the best of the candidate's knowledge and belief, the thesis contains no material previously published or written by another person, except when due reference is made in the text of the thesis;° (v) the main text; (vi) appendices, if any; (vii) bibliography.

* The attention of candidates for the degree of Master of Surgery is drawn to Regulation 5 of that degree.

3. *Diagrams and Figures.*

The following are general suggestions for normal practice but they may be varied in special cases with the approval of the Librarian:

- (a) Diagrams and figures, etc., should preferably be drawn or photographed on quarto paper (photographs should not be affixed to quarto paper) and bound in the appropriate place in the text.
- (b) All figures should form a right-hand page with the legend either at the bottom or, if necessary, on the page facing the figures.
- (c) Tables should be inserted in the appropriate place in the text, except that lengthy or bulky tables should appear as an appendix.
- (d) Diagrams, maps, tables, etc., exceeding quarto size, should be folded so as to read as a right-hand page when open.

4. *Binding.*

(a) The thesis must be sewn and bound with stiff covers covered with dark cloth. (A loose-leaf binder of the spring-type or screw-type is not acceptable.)

(b) During binding the edges should be trimmed.

(c) On the spine of the thesis should be given, in gold lettering of suitable size, reading from the bottom to the top, the surname of the candidate and the title of the thesis, abbreviated if necessary.

(d) When published papers are submitted as additional evidence they should be bound in the back of the thesis as an appendix.

5. *Availability.*

(a) Three bound copies of the thesis and two additional loose copies of the summary should be lodged with the Registrar. If the thesis is accepted for the award of the degree the Registrar will distribute two copies to the University Library and one copy to the Head of the appropriate University Department.

(b) Subject to the author's consent, one copy of the thesis deposited in the Library will be available for loan.

(c) Subject to the author's consent, the thesis will be available for photo-copying.

(d) The author will be asked after the award of the degree to give his consent to (b) and (c) in writing. Such notice of consent will be inserted by the Registrar in the copies deposited in the Library.

(e) If the author's consent is not given to section (b) the thesis will in any case become available for loan two years after the award of the degree.

RULES FOR THE UNIVERSITY LIBRARY

I. OPENING AND CLOSING OF THE LIBRARY.

The Library shall be open daily from 9 a.m. to 5 p.m., excepting Saturday afternoons, Sundays, public holidays, and such other times as the Council may direct that it shall be closed. It shall also be open on such evenings as the Library Committee may direct.

II. PERSONS ENTITLED TO USE THE LIBRARY.

1. The following persons shall be entitled to use the Library for reading purposes:—

Members, and past members, of the University Council.

Graduates of the University.

Members of the teaching staff of the University or Conservatorium, and members of any Faculty or Board of the University.

Officers of the administrative staff.

Students attending lectures at the University.

2. Other persons who are desirous of using the Library for the purposes of study may, on application to the Library Committee, be permitted to use it for a fixed period.

III. CONDUCT OF READERS.

1. Books are not to be removed from the Library, except as provided in Section IV.

2. After books have been taken from the shelves they are not to be returned thereto, but left on the tables.

3. Readers who interfere with the comfort of other readers, or cause damage in the Library, or disfigure any book, whether by writing or in any other way, may be excluded by the Librarian or officer in charge, and shall make good any damage caused; further, they may be deprived of the use of the Library for such time as the Council may determine. Whether or not penalties are prescribed in the rules the Librarian may report misconduct or offences to the Board of Discipline for such action as the Board may think fit.

IV. BORROWING OF BOOKS.

1. Members of the Council, Professors and all other members of the academic staff (including part-time lecturers, full-time tutors, full-time demonstrators, and the senior technicians in each Department), the Registrar, other senior members of the administrative staff, the Head and the Deputy Head of each affiliated College, and such other persons as the Council may from time to time approve, shall be entitled to borrow books and periodicals from the Library.

2. Members of the teaching, research and administrative staffs, other than those named in Clause 1 of this section, graduates of the University, graduates of other universities recognised by the University of Adelaide, and such other persons as the Chairman of the Library Committee and the Librarian may from time to time approve, may

borrow books other than periodicals, provided that they have lodged with the University Accountant a deposit of two pounds (£2) in security for the due return of books and payment of any fines or penalties that may be incurred. The deposit, subject to deductions aforesaid, shall be returned on application when the borrower no longer wishes to borrow from the Library. Graduates and such other persons as have been approved shall, in addition to lodging a deposit, pay an annual fee of £1 1s. 0d. They shall be entitled to borrow from the Barr Smith Library only.

A student who has paid the General Service Fee may, during the year for which it has been paid, borrow books other than periodicals without lodging a deposit.

Borrowing under this Rule shall be subject to the following special conditions:

- (i) No borrower shall be allowed to have in his possession more than six volumes belonging to the Library.
- (ii) Every book borrowed from the Library must be returned within fourteen days. The loan may be renewed once only for a further period of fourteen days at the discretion of the Librarian if in the meantime there has been no other application for the book.
If a borrower fails to comply with this rule he shall incur a penalty of sixpence a volume for each day of detention beyond the specified time.
- (iii) Any book may be marked temporarily for loan for a restricted period of less than fourteen days. There shall be a penalty of one shilling a volume for each day of detention beyond the specified time.
- (iv) Temporarily reserved books may be borrowed on a week-night between 8.30 p.m. and 9 p.m. until 9.15 a.m. on the following morning, and between 11 a.m. and 11.30 a.m. on a Saturday until 9.15 a.m. on the following Monday.
A borrower failing to comply with this rule shall incur a penalty of one shilling a volume for each hour of detention beyond the specified time.

3. For each book borrowed a voucher must be filled in and deposited with the Librarian. No book may, in any circumstances, be taken out of the Library until a borrowing voucher has been given for it. Any infringement of this rule shall render the borrower liable to a fine of up to five pounds for each volume.

4. Notwithstanding Rule 2 (ii) above, the Librarian may recall a book at any time, and thereupon the book shall be returned within three days. A fine of sixpence a volume for each day of detention beyond the three shall be imposed.

All publications on loan from the Library shall be returned on a date to be fixed each year by the Chairman of the Library Committee and the Librarian so that the records may be checked. The Library shall be closed for borrowing during the period needed to complete the annual check.

5. Borrowers of books shall be held responsible for any loss, injury, mutilation, or disfigurement by writing or other marks, and shall be required to pay the full cost of replacing or repairing such books, and may also, at the discretion of the Council, be fined or deprived of Library privileges.

6. So long as any fine remains unpaid, or so long as any person remains in possession of a book which he is not entitled to retain, the right of the defaulter to the use of the Library shall be suspended.

7. Any book may be borrowed with the exception of works specially reserved; such books may be borrowed only by permission of the Library Committee. No book shall be borrowed until it has been in the Library seven days.

Books may be borrowed until one hour before closing time on weekdays and until half an hour before closing time on Saturdays.

8. Periodicals, bound and unbound, shall be issued from the Library to those entitled to borrow under Section IV.1. Other members of the teaching, research and administrative staffs may borrow bound and unbound periodicals on the conditions prescribed in Section IV.2. Honours and postgraduate students may borrow such bound volumes of periodicals as are approved by a professor or his deputy, but the approval must be given on a prescribed form in each case.

No periodical shall be borrowed until it has been in the Library seven days. No unbound periodical then borrowed for departmental circulation or for personal use may be retained for more than seven days.

9. No publications lodged in Departments by permission of the Library Committee may be borrowed for use outside the Departments except through the Barr Smith Library.

10. Notwithstanding the foregoing rules, a variation may be made at any time by the Council.

V. RULES FOR THE CONSERVATORIUM LIBRARY

1. Teachers in the Conservatorium are entitled to borrow books or music from the Library. Students may borrow music on the written recommendation of a teacher, but must not have in their possession more than two copies at the same time.

2. In all other respects the foregoing rules of the University Library shall apply to the Conservatorium Library.

VI. RULES FOR THE MEDICAL AND LAW LIBRARIES

1. Medical graduates who are members of the British Medical Association (S.A. Branch) shall be entitled to use the Medical Library in accordance with the terms of the Agreement between the Branch and the University.

2. In all other respects the foregoing rules of the University Library shall apply to the Medical and Law Libraries.

Approved by the Council, December, 1956.

Amended May, 1958, February, 1959, July, 1959, and October, 1959.

LABORATORY RULES AND
RULES APPLICABLE TO STUDENTS ON UNIVERSITY
PREMISES

A. GENERAL

1. The attention of all students is drawn to the by-laws made under the University of Adelaide Act Amendment Act, which are published in the University Calendar and are exhibited on notice boards throughout the University.

2. The Head of a Department may exclude any student from any class in that Department for any cause he shall deem sufficient; and he shall report every such exclusion, and the grounds for it, to the Council through the Chairman of the Board of Discipline. The Council may reverse, vary or confirm the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

3. The possession of fireworks, home-made explosives or explosive material of any kind on the University grounds or in any University building is forbidden.

B. LABORATORIES

1. For students taking regular courses involving laboratory work in the University an appropriate laboratory will be open daily during term time (Saturdays and holidays excepted) at such hours as shall be considered necessary by the Head of the Department concerned. Persons engaged in advanced work or original research may work at such additional times as the Head of the Department may arrange.

2. The facilities of a laboratory will also be made available for original research carried on by students or graduates not proceeding to a degree in the University at such times and under such conditions as the Head of the Department may determine; the fee for use of a laboratory and its facilities, and the charges for materials, to be determined in each case.

3. Whenever necessary and possible, each student will have a definite working place and locker or drawer assigned to him, which he may not change without permission. To avoid congestion, students should not move about the laboratories unnecessarily.

4. Paper and refuse of any kind must be placed in the receptacles provided for the purpose. No solid material of any kind shall be thrown into sinks.

5. Students are responsible for the cleanliness of their apparatus and work places or benches, which must be left clean and tidy after each practical session.

6. All preparations and equipment made from materials supplied by the University shall remain the property of the University.

7. Large or expensive pieces of apparatus will be supplied for use by students only on condition that any damage or breakage is to be made good by the student causing the damage or breakage, on such basis as the Head of the Department may determine.

8. No experiments of a dangerous nature may be performed without the express sanction of the Head of the Department concerned.

9. Any accident must be reported at once to the person currently in charge of the laboratory.

10. The Head of a Department may impose a fine not exceeding £2 for any breach of discipline, misconduct, misuse of apparatus or reagents, or waste of gas, water or electricity. He shall report in writing to the Registrar the amount of such fine, and the reason for it; and the fine shall be paid to the Registrar within seven days of the time of its imposition.

Approved by the Council, April, 1958.

LABORATORY TESTING

The Engineering Testing Laboratory is prepared to undertake all the usual physical tests on engineering materials, such as tests for the tensile, torsional, compressive, and shearing strengths of metals; determination of elastic constants, hardness, and elastic limit; the measurement of the transverse and compressive strengths of timbers, and the determination of the moisture content; tests for cement, and the examination of the suitability of different aggregates for concrete, and tests on the strength and porosity of concrete and other materials.

RULES OF THE NAPIER BIRKS ROOM

1. *Conduct of users*

The room is to be used for purposes of study only. Users must refrain from conduct which will interfere with the comfort of other users.

2. *Persons entitled to use the room*

The room is available for use by students enrolled for second-year or subsequent subjects.

3. *Times of use*

During the academic year the room will be open between 9 a.m. and 11 p.m. on Mondays to Fridays, and from 9 a.m. to 12 noon on Saturdays. At all other times the room will be open during such hours as the Dean of the Faculty of Economics may determine.

4. *Use of books, periodicals, statistical material*

All such material must be returned to the correct place after use.

In no circumstances may such material be removed from the room.

5. *Use of calculating machines*

Calculating machines may be used by students only with the permission of a member of the lecturing staff; except that in the case of students presenting for Economic Statistics I or II or Final Honours, permission to use specific machines for the course of the year will be given by the lecturer. After use, machines must be cleared, switched off and covered, and the plugs must be removed from power-points.

6. *General*

Any student not observing the above rules shall be subject to disciplinary action.

Approved by the Council, October, 1958.

CALENDAR OF
THE UNIVERSITY OF ADELAIDE

FOR THE YEAR 1961

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SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA COURSES FOR 1961

Students are expected to procure the latest edition of all text-books prescribed.

FACULTY OF ARTS

CLASSICS

The editions of Greek and Latin texts mentioned below are not prescribed, but are recommended for the use of students.

ELEMENTARY GREEK (Preparatory course)

This course will not assume any previous knowledge of the language; and it will not be counted as one of the units required for the degree of B.A.

Students who pass in the examination at the end of this course will be expected to take Greek I in a subsequent year.

The following books will be used:

Walters, C. F., and Conway, R. S., *Deigma* (Murray).
Worth, J. G., *Pallas Athene* (C.U.P.).

GREEK

There are three courses in Greek for the ordinary degree of Bachelor of Arts: they are designated Greek I, Greek II, and Greek III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Greek I until he has passed in Elementary Greek or in Greek at the Leaving Examination, or the course in Greek II until he has passed the final examination in Greek I, or the course in Greek III until he has passed the final examination in Greek II.

Every student taking a course in Greek should have a Greek-English lexicon and a Greek grammar.

The subjects of examination are as follows:

1. Greek I.

- (a) Prose composition (Sidgwick, *Greek Prose Composition*, Longmans, Green, will be used).
- (b) Unprepared translation.
- (c) Homer, *Iliad*, book XVIII (ed. Leaf and Bayfield, Macmillan).
Herodotus, *book VII* (ed. Robinson, O.U.P.).
Euripides, *Iphigenia in Tauris* (ed. Platnauer, O.U.P.).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

2. Greek II.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Aristophanes, *Frogs* (ed. Stanford, Macmillan).
Thucydides, V (ed. Graves, Macmillan).
Aeschylus, *Persae* (ed. Sidgwick, O.U.P.).
- (d) Greek history 594-404 B.C. The lectures will be given in the first term.
Students should obtain: Hammond, N. G. L., *History of Greece* (C.U.P.).

3. Greek III.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Pindar, *Olympian odes*, in addition to the books prescribed for Greek II.
- (d) Greek society and thought.
Students should read Kitto, *The Greeks* (Pelican), and Cornford, *Before and after Socrates* (C.U.P.).

LATIN

There are three courses in Latin for the ordinary degree of Bachelor of Arts; they are designated Latin I, Latin II, and Latin III. Except with special permission to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Latin I until he has passed in Latin at the Leaving Examination, or the course in Latin II until he has passed the final examination in Latin I, or the course in Latin III until he has passed the final examination in Latin II.

Every student taking a course in Latin should have a Latin-English lexicon and a Latin grammar.

The subjects of examination are as follows:

5. Latin I.

- (a) Prose composition.
 - (b) Unprepared translation.
 - (c) Horace, *Satires, book I* (ed. Palmer, Macmillan).
Cicero, *Pro Caelio* (3rd ed. Austin, O.U.P.).
Virgil, *Georgics IV* (ed. Page, Macmillan).
- Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

6. Latin II.

- (a) Prose composition (Hardie, *Latin Prose Composition* (Arnold) will be used).
- (b) Unprepared translation.
- (c) Virgil, *Aeneid V* (ed. Williams, O.U.P.).
Cicero, *Verrine V* (ed. Levens, Methuen).
Propertius, *Select poems* (ed. Postgate, Macmillan).
- (d) The history of the later Republic (202-27 B.C.). The lectures will be given in the second term. Students should obtain Cary, M., *History of Rome* (Macmillan).

7. Latin III.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Tacitus, *Histories, book I* (ed. Irvine, Methuen), in addition to the books prescribed for Latin II.
- (d) The history of the early Empire (27 B.C.-138 A.D.). The lectures will be given in the third term. Cary, M., *History of Rome* (Macmillan) will continue to be used.
- (e) Roman society.
Students should read *Cicero and the Roman Republic* (Cowell, Pelican) and *Daily life in ancient Rome at the height of the Empire* (Carcopino, Pelican).

8. Ancient History.

The course consists of about 52 lectures, comprising 18 lectures on the history of Greece from 594 to 404 B.C., 18 lectures on the history of the Roman Republic from 202 to 27 B.C., and 16 lectures on the history of the Roman Empire from 27 B.C. to 138 A.D.

The course is intended to introduce students to ancient history, whatever their other studies may be, and no knowledge of Greek or Latin is necessary.

A student cannot count as units towards his degree both Ancient History and any of the following: Greek II, Latin II, Latin III.

Students should obtain:

Hammond, N. G. L., *History of Greece* (C.U.P.).
Cary, M., *History of Rome* (Macmillan).

9. Comparative Philology.

Pre-requisite subjects: Leaving Latin and *either* Greek I (1) or Latin I (5) or French I (31) or German IA (40) or German I (41).

The course deals mainly with the Indo-European language group, but includes about 10 lectures on phonetics and general linguistic history and about 20 on elementary Greek. It is designed also to serve as a general introduction to linguistic study.

Text-books:

- (a) Elementary Greek:
Smith, F. Kinchin, and Melluish, T. W., *Teach yourself Greek* (E.U.P.).
- (b) Phonetics:
Ward, I. C., *The phonetics of English* (Heffer).
- (c) Comparative Philology:
Buck, C. D., *Comparative grammar of Greek and Latin* (Chicago U.P.).

11. Classics for the Honours Degree of B.A.

Candidates are recommended to commence Honours work early in their course. The examination will consist of the following papers, each of which will be set for three hours:

- (a) Greek Prose Composition. Two compositions will be required.
- (b) Latin Prose Composition. Two compositions will be required.
- (c) Passages for translation into English from Greek prose authors and poets.
- (d) Passages for translation into English from Latin prose authors and poets.

In papers (c) and (d) credit will be given for style as well as accuracy of translation.

- (e) Greek and Latin Literature.
Sixteen questions will be set on the works of Greek and Latin authors, and candidates will be required to attempt five, taking not more than three from either section of the paper. Wide reading among classical authors will be needed.

- (f) Greek and Roman History.
Candidates will have the choice between the following periods:
Greek: *Either* 499-411 B.C. or 411-323 B.C.
Roman: *Either* 82 B.C.-14 A.D. or 27 B.C.-69 A.D.

Eight questions will be set on each period for which there are candidates. A total of five questions must be attempted, not more than three being taken from either of the periods chosen. Some acquaintance will be needed with the ancient sources.

- (g) Greek and Roman society, thought and religion.
Sixteen questions will be set, of which candidates will be required to attempt five, taking not more than three from either section of the paper.

Optional papers in Greek and Latin verse composition will be available, and credit will be given for merit shown in them. Proficiency in Greek and Latin verse composition will be denoted by the letters G and L respectively following a candidate's name in the class list.

12. Latin for the Honours Degree of B.A.

Candidates are recommended to commence Honours work early in their course. The examination will consist of the following papers, each of which will be set for three hours:

- (a) Latin Prose Composition. Two compositions will be required.
 - (b) Latin Verse Composition. Candidates may attempt *either* hexameters *or* elegiacs *or* both.^o
 - (c) Passages for translation into English from Latin prose authors.
 - (d) Passages for translation into English from Latin poets.
In papers (c) and (d) credit will be given for style as well as accuracy of translation.
 - (e) Latin Literature.
Sixteen questions will be set on the works of Latin authors, and candidates will be required to attempt five. Wide reading among Latin authors will be needed.
 - (f) Roman History.
Candidates will have the choice between the periods (i) 133 B.C. to 14 A.D. and (ii) 27 B.C. to 117 A.D. Sixteen questions, of which five must be attempted, will be set on each period for which there are candidates. Some acquaintance will be needed with the ancient sources for the period chosen.
 - (g) Roman society, thought and religion.
Sixteen questions will be set, of which candidates will be required to attempt five.
- ^o Paper (b) will be optional, but credit will be given for merit shown in it. Proficiency in Latin Verse composition will be denoted by the letter L following a candidate's name in the class list.

13. Classics for the Degree of M.A.

The examination will be in the following subjects, of which candidates must take at least one and not more than two:

- (a) Literature.
- (b) Philosophy.
- (c) History.
- (d) Language.

A thesis on a subject approved by the Faculty of Arts may be accepted in place of part or the whole of the above examination.

MODERN LANGUAGES**ENGLISH LANGUAGE AND LITERATURE**

There are three courses in English for the Ordinary degree of Bachelor of Arts: English I, English II, and English III. No student proceeding to a degree may, without special permission, take English II until he has passed the final examination in English I, or take English III until he has passed the final examination in English II.

21. English I.

- I. The history and structure of the English language; English composition and style.

1961.

Potter, S., *Our language* (Pelican); *or*
Wrenn, C. L., *The English language*.
Gowers, E., *The complete plain words* (H.M.S.O.).

1962 (Provisional).

Potter, S., *Our language* (Pelican); *or*
Wrenn, C. L., *The English language*.

II. A critical study of the main types of English literature at various periods, with a detailed knowledge of the following books:

1961.

A. Poetry:

- Chaucer, *The Merchant's tale*, with its *Prologue* and *Epilogue*.
(Students are also expected to read the *Prologue to the Canterbury tales*.)
Milton, *Dramatic poems*, ed. G. and M. Bullough (Athlone Press).
Pope, *Poems*.
Hopkins, G. M., *Poems and prose*, ed. W. H. Gardner (Penguin).
The Penguin book of Australian verse.

Recommended:

Seven centuries of poetry, ed. A. N. Jeffares.

B. Drama:

- Shakespeare, *Measure for measure*; *Coriolanus*.
Webster, *The white devil*.
Farquhar, *The beaux-stratagem*.
Miller, A., *The crucible*.

C. Novel:

- Defoe, *Robinson Crusoe*.
Thackeray, *Henry Esmond*.
Trollope, *John Caldigate*.
Cary, J., *The horse's mouth*.

D. Prose:

- Hakluyt, *Voyages and documents*, ed. J. Hampden (World's Classics).
Gibbon, *Autobiography*.
Lawrence, D. H., *Sea and Sardinia*.

Recommended:

- Legouis, E., *A short history of English literature*.
Trevelyan, G. M., *English social history*.
The Pelican guide to English literature, ed. B. Ford.

1962 (Provisional).

A. Poetry:

- Chaucer, *The prologue to the Canterbury tales*; *The Shipman's prologue and tale*.
Donne, *Poems*.
Pope, *Poems*.
Hopkins, G. M., *Poems and prose*, ed. W. H. Gardner (Penguin).
Slessor, K., *Poems*.

Recommended:

Seven centuries of poetry, ed. A. N. Jeffares.

B. Drama:

- Shakespeare, *Henry IV*, Part 2; *King Lear*.
Webster, *The white devil*.
Wilde, *A woman of no importance*.
Miller, A., *The crucible*.

C. Novel:

- Defoe, *Robinson Crusoe*.
Thackeray, *Henry Esmond*.
Trollope, *John Caldigate*.
Greene, G., *The power and the glory*.

D. Prose:

- Hakluyt, *Voyages and documents*, ed. J. Hampden (World's Classics).
Gibbon, *Autobiography*.
Strachey, L., *Eminent Victorians*.

Recommended:

- Legouis, E., *A short history of English literature*.
Trevelyan, G. M., *English social history*.
The Pelican guide to English literature, ed. B. Ford.

22. English II.

English literature from 1550 to 1780, with intensive study of a special period. Students will be expected to have a knowledge of the historical background of the special period.

1961.

For 1961 the special period will be 1660-1720.

The following books should be studied in detail:

The Oxford book of sixteenth century verse.
Spenser, *Epithalamion; Prothalamion; The Faerie Queene, book I.*
Shakespeare, *Richard II.*
Chapman, *Bussy D'Ambois.*
The metaphysical poets, ed. H. Gardner (Penguin).
English biography in the seventeenth century, ed. V. de S. Pinto (Harrap).
Restoration plays, ed. E. Gosse (Everyman).
Milton, *Paradise lost.*
Bunyan, *The pilgrim's progress.*
Dryden, *All for love; Satires.*
Swift, *The battle of the books; A tale of a tub.*
Steele, *The Tatler*, ed. L. Gibbs (Everyman).
Pope, *Poems.*
Defoe, *Moll Flanders.*
Lillo, *The London merchant* (Everyman).
Johnson, *Poems; Rasselas.*
Goldsmith, *The citizen of the world.*
Sterne, *Tristram Shandy.*

Recommended:

The Oxford books of seventeenth and eighteenth century verse.
The Pelican guide to English literature, ed. B. Ford, *From Dryden to Johnson.*

1962 (Provisional).

For 1962 the special period will be 1740-1780.

The following books should be studied in detail:

Spenser, *The Faerie Queene, books VI and VII.*
Shakespeare, *Sonnets; Antony and Cleopatra.*
Chapman, *Bussy D'Ambois.*
The metaphysical poets, ed. H. Gardner (Penguin).
English biography in the seventeenth century, ed. V. de S. Pinto (Harrap).
Browne, *Urn-burial; The garden of Cyrus.*
Restoration plays, ed. E. Gosse (Everyman).
Milton, *Paradise regained.*
Dryden, *Poems and satires.*
Swift, *The battle of the books; A tale of a tub.*
Steele, *The Tatler*, ed. L. Gibbs (Everyman).
Defoe, *Moll Flanders.*
The Oxford book of eighteenth century verse.
Fielding, *Joseph Andrews.*
Richardson, *Clarissa Harlowe.*
Johnson, *Prose and poetry*, ed. M. Wilson (Reynard Library).
Goldsmith, *Selected works*, ed. R. Garnett (Reynard Library).
Sterne, *Tristram Shandy.*
Walpole, *Letters*, ed. W. Hadley (Everyman).

Recommended:

The Oxford books of sixteenth and seventeenth century verse.
The Pelican guide to English literature, ed. B. Ford, *From Dryden to Johnson.*

23. English III.

English literature since 1780, with intensive study of a special period; Australian literature; Shakespeare; principles and practice of literary criticism.

A. Special period.

1961 Victorian literature.

1962 (Provisional). 1880-1930.

B. The following books should be studied in detail:

1961.

The poems of Wordsworth, Shelley, Tennyson, Browning, Arnold, D. G. Rossetti, Swinburne, G. M. Hopkins, T. S. Eliot.

The novels of George Eliot.

Peacock, *Nightmare Abbey*.

De Quincey, *Confessions of an English opium eater*.

Carlyle, *On heroes, hero-worship, etc.*

Thackeray, *Pendennis*.

Dickens, *Bleak house*.

Meredith, *The ordeal of Richard Feverel*.

Arnold, *Culture and anarchy*.

Hardy, *Tess of the D'Urbervilles*.

Joyce, J., *Portrait of the artist as a young man*.

Lawrence, D. H., *Women in love*.

1962 (Provisional).

The poems of Wordsworth, Byron, Browning, Arnold, D. G. Rossetti, Hardy, Yeats, T. S. Eliot.

The plays of Shaw.

Austen, *Persuasion*.

Hazlitt, *Essays*, ed. G. Keynes (Nonesuch).

Carlyle, *On heroes, hero-worship, etc.*

Thackeray, *Pendennis*.

Meredith, *The ordeal of Richard Feverel*.

James, H., *Portrait of a lady*.

Wilde, *Lady Windermere's fan*.

Hardy, *Jude the obscure*.

Kipling, *A choice of Kipling's prose*, ed., W. S. Maughan (Macmillan).

Wells, *Tono-Bungay*.

Lawrence, D. H., *Women in love*.

Huxley, A., *Antic hay*.

Graves, R., *Goodbye to all that*.

The Faber book of modern verse, ed. M. Roberts.

C. Australian literature:

1961.

Kendall, H., *Poems*.

Furphy, J., *Such is life*.

Lindsay, N., *Redheap*.

Stevens, D., *Jimmy Brockett*.

The Penguin book of Australian verse.

1962 (Provisional).

Clarke, M., *For the term of his natural life*.

Furphy, J., *Such is life*.

White, P., *Voss*.

A recent novel (to be announced).

The Penguin book of Australian verse.

D. Shakespeare:

1961.

Pericles; Cymbeline; The winter's tale; The tempest.

1962 (Provisional).

All's well that ends well; Measure for measure; Troilus and Cressida.

E. Principles and practice of literary criticism.

1961.

Arnold, M., *Essays in criticism* (second series).Daiches, D., *Critical approaches to literature*.*Shakespeare criticism*, ed. D. Nichol Smith (World's Classics).

1962 (Provisional).

Arnold, M., *Essays in criticism* (second series).Daiches, D., *Critical approaches to literature*.*English critical essays, sixteenth to eighteenth centuries*, ed. E. D. Jones (World's Classics).

24. Old and Middle English I.

A. Anglo-Saxon culture and institutions.

B. The Old English language.

Prescribed book:

Quirk and Wrenn, *An old English grammar*, 2nd edition (Methuen).

C. Introduction to English literature.

D. Study of Old and Early Middle English texts.

Prescribed books:

Sweet, *Anglo-Saxon reader*, revised C. T. Onions, latest edition (O.U.P.).Gordon, E. V. (ed.), *The battle of Maldon* (Methuen).Whitelock, D. (ed.), *Sermo lupi ad Anglos* (Methuen).Dickins and Wilson, *Early middle English texts* (Bowes and Bowes).

25. Old and Middle English II.

A. Medieval English culture and institutions.

B. The Middle English language.

Prescribed book:

Wardale, *An introduction to middle English* (Routledge).

C. Introduction to Middle English literature.

D. Study of Old and Middle English texts.

Prescribed books:

Klaeber (ed.), *Beowulf*, 3rd edition (Heath); orWrenn (ed.), *Beowulf* (Harrap).Dickins and Ross (ed.), *The dream of the rood* (Methuen).Sisam, *Fourteenth century verse and prose*, with glossary (O.U.P.).Tolkien and Gordon (ed.), *Sir Gawain and the green knight* (O.U.P.);or
Gollancz (ed.), *Sir Gawain and the green knight* (O.U.P., or the Early English Text Society).

28. English Language and Literature for the Honours Degree of B.A.

Candidates adopting *Scheme A* will take the following papers (see comment below) (i)-(x), omitting one of the following, (vi), (vii) or (viii). Candidates adopting *Scheme B* will take papers (iii)-(xi) inclusive; but for paper (vi) or (vii) any one of the following papers may be substituted, (xii), (xiii) or (xiv). Substitutions or omissions should be made only after consultation with the Professor. In each case the course extends over three years and is normally entered upon in the second year at the university.

- (i) Old English.
- (ii) Middle English.
- (iii) History of the English language.
- (iv) Chaucer to Dunbar.
- (v) Shakespeare and the Elizabethan drama.
- (vi) Skelton to Milton.
- (vii) Dryden to Blake.
- (viii) Wordsworth to the present day.

- (ix) Literary criticism: passages for comment.
- (x) History and principles of literary criticism.
- (xi) Essay.
- (xii) Australian literature.
- (xiii) American literature.
- (xiv) Canadian or other Commonwealth literature.

Candidates will be required to attend classes and pass the examinations in Old and Middle English I and II before presenting themselves for examination in either of the subjects numbered (i) and (ii) above.

The John Howard Clark Prize is awarded on the results of the final Honours examination in English Language and Literature. For particulars of the prize, see Statutes, Chapter XIV.

29. English Language and Literature for the Degree of M.A.

Candidates for the degree of M.A. in English Language and Literature are advised to take the earliest opportunity of consulting the Professor about their courses.

Candidates who wish to qualify for the degree of M.A. under regulation 2(b) are required in their preliminary examination to follow either *Scheme C* or *Scheme D*; each course covers two years' work and must be completed within that period unless an extension is granted. Details of the Final Honours papers are shown in syllabus no. 28 above.

Scheme C: English Literature and Language.

1. (a) Final Honours paper (xi).
- (b) Two papers, to be selected from Final Honours papers (i)-(viii). These three papers must be taken at the end of the first year's study.
2. (a) Final Honours paper (ix).
- (b) Two Final Honours papers not taken in the previous year, to be selected from Final Honours papers (i)-(viii). But *one* paper selected from Final Honours papers (xii), (xiii) or (xiv) may be substituted for one of the two papers to be selected from (i)-(viii). These three papers must be taken at the end of the second year's study.

Scheme D: Australian Literature.

1. (a) Final Honours papers (viii), (xi) and (xii). These papers must be taken at the end of the first year's study.
2. (a) Final Honours paper (ix).
- (b) Australian History.
- (c) Special subject in Australian, New Zealand, Canadian or other Commonwealth Literature, or in American Literature.

Students who have taken a satisfactory Honours degree or have qualified under *Scheme C* or *Scheme D* are required to write a thesis, concerning the subject of which they should consult the Professor as early as possible, and should be prepared to submit the subject for the approval of the Faculty not later than the end of March in the year in which the thesis is to be presented.

FRENCH LANGUAGE AND LITERATURE.

There are three courses in French for the ordinary degree of Bachelor of Arts; they are designated French I, French II and French III. 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 examination in French I at the higher standard, or the course in French III until he has passed the examination in French II.

In French II and French III the lectures on the literature may be given in French, and in the examinations candidates are required to answer in French all questions on literature. In no circumstances may students in French I be exempted from attendance at lectures and tutorials.

51. French I.

(a) Free composition in French and translation from English into French.

Prescribed books:

Pryce and Foster, *French prose composition for sixth forms* (Harrap).
 Mansion, *A grammar of present-day French, with exercises* (Harrap).

Reference books:

Loubet, *La Technique de la composition française* (Paris, Maynard); or
 Vannier, *La clarté française: pour composer, pour écrire, pour se
 corriger* (Paris, Nathan).
 Grevisse, *Le bon usage* (Paris, Geuthner).
 Hanse, *Dictionnaire des difficultés grammaticales et lexicologiques*
 (Amiens, Editions Scientifiques et Littéraires).
 Harrap's *Standard French and English Dictionary*, Vols. 1 and 2.
 Charles Petit, *Dictionnaire français-anglais et anglais-français*, Vols. 1
 and 2 (Paris, Hachette).
 Lacroix, *Dictionnaire des mots et des idées* (Paris, Nathan).

(b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Marks, *French literary passages* (Dent).
 Lough (ed.), *French tales of our time* (Harrap).
 Anouilh, *Le bal des voleurs*, ed. Howarth (Harrap).

(c) Orals.

Prescribed books:

Molière, *Le malade imaginaire* (Classiques Larousse).

Marks, *op. cit.*

Anouilh, *op. cit.*

Reference books:

Fouché, P., *Traité de prononciation française* (Klincksieck).
 Grammont, *Traité pratique de prononciation française* (Delagrave).
 Grammont, *Petit traité de versification française* (Colin).

(d) Outline history of French literature.

Reference books:

Plinval, *Précis d'histoire de la littérature française* (Hachette); or
 Van Tieghem, *Histoire de la littérature française* (Fayard).
 Jasinski, *Histoire de la littérature française*, Vols. 1 and 2 (Boivin).

(e) Explication de textes.

Prescribed books:

Corneille, *Le cid* (Classiques Larousse).

Marks, *op. cit.*

Reference books:

Pouget, *L'Explication française au baccalauréat* (Hachette).
 Crouzet et Desjardins, *Méthode française et Exercices illustrés*, Vol. 3
 (Paris, Didier).

(f) Elementary geography of France; history of French civilization; contemporary French life and culture.

Reference books:

Huby, *Cours d'histoire*, Vols. 1-5, together with
 Lacour and Gayet, *La France au XX^e siècle* (Hachette).
 Ritchie, Graeme (ed.), *France: a companion to French studies*
 (Methuen); or
 Roe, *Modern France: an introduction to French civilization* (Long-
 mans); or
 Parker and Grigaut, *Initiation à la culture française* (New York,
 Harper); or
 Rambaud, *Histoire de la civilisation française* and *Civilisation contem-
 poraine* (Paris, Colin).
Nouveau Larousse universel, 2 vols.

The M. Rees George Prize, of the value of £6, is awarded annually to the matriculated or graduate woman student who wins the highest place in the annual examination in French I, provided that the candidate is of sufficient merit. The rules governing the prize are published in the appropriate section of the calendar.

32. French II

- (a) Free composition in French and translation from English into French.

Prescribed book:

Ritchie, *A new manual of French composition* (C.U.P.).

Reference books: As for French I, together with:

Hatzfeld, Darmesteter et Thomas, *Dictionnaire général de la langue française*, 2 vols.Bailly, *Dictionnaire des Synonymes* (Larousse).Maquet, *Dictionnaire analogique* (Larousse).*Le Larousse du XXe siècle*, 6 vols.

- (b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Molière, *Le misanthrope*, ed. Wilson (Harrap).La Bruyère, *Les caractères*, 2 vols. (Classiques Larousse).Voltaire, *Lettres philosophiques*, ed. Taylor (Blackwell).

- (c) Orals.

- (d) Literature: From 1550 to 1800.

Questions for special study in 1961:

Term I: *Les moralistes de l'époque de Louis XIV.*Term II: *Le théâtre de Racine.*Term III: *Rousseau, précurseur du Romantisme.*

Prescribed books:

Lagarde et Michard, *XVIe Siècle* (from p. 91), *XVIIe Siècle* and *XVIIIe Siècle* (Paris, Bordas).

Reference books:

Bédier-Hazard-Martino, *Histoire illustrée de la littérature française*, 2 vols.Jasinski, *Histoire de la littérature française*, 2 vols. (Boivin).Saulnier, *La littérature française*, (1) *de la Renaissance*, (2) *du siècle classique*, (3) *du siècle philosophique*, 3 vols. (Collection "Que sais-je?"; Paris, Presses universitaires).Green, *The ancien régime* (Edinburgh U.P.).Cowan, *The background of the French classics* (Harrap).Lough, *Introduction to seventeenth century France* (Longmans).Lough, *Introduction to eighteenth century France* (Longmans).Funk-Brentano, *L'ancien régime* (Paris, Flammarion).Bornecque, *La France et sa littérature*, tome I (Lyon, Editions I.A.C.).Bénac, *Vocabulaire de la dissertation* (Hachette).Cayrou, *Le français classique* (Didier).Haase, *Syntaxe française du XVIIe siècle* (Delagrave).Grente, *Dictionnaire des lettres françaises* (XVIe et XVIIe siècles), 2 vols.

- (e) Explication de textes.

Prescribed books:

Ronsard, *Poésies choisies*, 2 vols. (Classiques Larousse).Racine, *Bérénice*, ed. Maguinness (Manchester U.P.).Rousseau, *Les Rêveries du promeneur solitaire*, ed. Roddier (Paris, Garnier).

Reference books:

Crouzet and Desjardins, *op cit.*; orRudler, *L'explication française* (Paris, Colin).**33. French III.**

- (a) Free composition in French and translation from English into French.

Prescribed book:

Ritchie, *A new manual of French composition* (C.U.P.).

Reference books: As for French I and II.

- (b) Translation of unseen and prescribed French texts into English.
 Prescribed books:
 Balzac, *Le Père Goriot*, ed. Allem (Garnier).
 Flaubert, *Trois contes*, ed. Duckworth (Harrap).
 Camus, *La Peste* (Gallimard, Collection Pourpre).
- (c) Orals.
- (d) Literature: The nineteenth and twentieth centuries.
 Questions for special study in 1961:
 Term I: *Baudelaire, poète et théoricien de l'art*.
 Term II: *Le roman français entre 1830 et 1870*.
 Term III: *Le roman français entre 1830 et 1870*.
 Prescribed books:
 Lagarde et Michard, *XIXe Siècle* and *XXe Siècle* (Paris, Bordas).
 Reference books:
 Thibaudet, A., *Histoire de la littérature française de 1789 à nos jours*
 (Stock).
 Saulnier, *La littérature française du siècle romantique* (Presses universitaires).
 Clouard, *Histoire de la littérature française du symbolisme à nos jours*,
 2 vols. (Albin Michel).
 Bornecque, *La France et sa littérature*, tome II (Lyon, Editions I.A.C.).
- (e) Explication de textes.
 Prescribed books:
 Baudelaire, *Poésies choisies*, ed. Ferran (Hachette).
 Parnée, *Twelve French poets—1820 to 1900* (Longmans).
 Giraudoux, *La guerre de Troie n'aura pas lieu*, ed. Godin (U.L.P.).

The Violet de Mole prize, of the value of five guineas, is awarded annually to the matriculated or graduate student who wins the highest place in the annual examination in French III, provided that the candidate is of sufficient merit. The rules governing the prize are published in the appropriate section of the calendar.

35. Old and Middle French I.

- (a) Outline of the history of the French language; historical phonetics: morphology and syntax of Old and Middle French.
 Prescribed books:
 Raynaud de Lage, *Introduction à l'ancien français* (Paris, S.E.D.E.S.).
 Brunot et Bruneau, *Précis de grammaire historique de la langue française*
 (Paris, Masson), pp. vii-xxvii, 1-95, 180-363, 395-403, 467-492, 507-520.
- (b) Outline of the history of French literature up to 1500.
 Prescribed book:
 Decahors, *Histoire de la littérature française; le Moyen Age* (Paris, Les Editions de l'Ecole).
- (c) Translation of prescribed texts into English with simple linguistic commentary in English.
 Prescribed book:
 Ferran et Decahors, *Morceaux choisis de Littérature française; le Moyen Age* (Paris, Les Editions de l'Ecole).
 This course will be taken by the student in his second year at the University.

36. Old and Middle French II.

- (a) Historical French grammar, i.e., phonetics, morphology, syntax.
 Prescribed book:
 Brunot et Bruneau, *Précis de grammaire historique de la langue française*
 (Paris, Masson).
- (b) Old and Middle French literature, with special reference to narrative verse and the theatre.

(c) Translation of prescribed texts, with advanced linguistic commentary.

Prescribed books:

- La Chanson de Roland*, ed. Whitehead (Blackwell).
Aucassin et Nicolette, ed. Roques (Paris, Champion).
Le Mystère d'Adam, ed. Studer (Manchester U.P.).
 Adam Le Bossu, *Le Jeu de Robin et de Marion*, ed. Varty (Harrap).
Maître Pierre Pathelin, ed. Holbrook (Paris, Champion).
 Robert Garnier, *Les Juifves*, ed. Hervier (Paris, Garnier).

This course will be taken by the student in his third year at the University. The lectures will be given in French.

38. French Language and Literature for the Honours Degree of B.A.

Students will be required:

- (i) to pass in French I, French II, and French III, as prescribed for the Ordinary degree.
- (ii) to do additional Honours work in the second and third years;
- (iii) to pass in Old and Middle French I and II, as set out above;
- (iv) to devote the fourth year to Honours work in literature and philology.

Under (iv), the following texts are prescribed:

- Villon, *Œuvres*, ed. Longnon-Foulet (Champion).
 Rabelais, *Gargantua and Pantagruel*, 2 vols., ed. Plattard (Paris, Les Belles Lettres).
 Montaigne, *Selected essays*, ed. Tilley-Boase (Manchester U.P.).

Under (ii) and (iv), three essays, to be written in French, will be set in each year on subjects drawn from the reading courses set out in the 1955 Calendar, pp. 563-565.

In their second, third and fourth years Honours students shall attend special weekly tutorials and perform the exercises there prescribed, these being mainly advanced *Exposés* and *Explications de textes* based both on the work for the Ordinary Degree and on the Honours reading lists (see 1955 Calendar, pp. 563-565). In this connexion, students should make themselves familiar with the following basic manuals:

- Dupouy, *Géographie des lettres françaises* (Colin).
 Genest, *Dictionnaire des citations françaises* (Nathan); or
 Guerlac, *Les citations françaises* (Colin).
 Ousset, Vier et Guérin, *Recueil de pages françaises*, 5 vols. (Paris, Les Elites françaises).
 Bouvier-Jourda, *Guide de l'étudiant en littérature française* (Presses universitaires).
 Marouzeau, J., *Lexique de la terminologie linguistique* (Geuthner).
 Curtius, *Essai sur la France* (Grasset).
 Germain, *L'art de commenter (une tragédie, une épopée, etc. . . .)*, 7 vols. (Foucher).
 Marouzeau, *Précis de stylistique française* (Masson).
 Cressot, M., *Le style et ses techniques* (Presses universitaires).
 Mornet, *Histoire de la clarté française* (Payot).
 Le Bidois, G., et Le Bidois, R., *Syntaxe du français moderne*, 2 vols. (Picard).

The final examination will comprise the following papers:

- (a) Translation into French.
- (b) Translation of seen and unseen passages from French into English.
- (c) French philology.
- (d) Translation of seen and unseen passages of Old and Middle French into English.
- (e) Literature I.
- (f) Literature II.
- (g) Literature III.

Papers (c), (e), (f), (g) will be answered in French.

There will be an oral examination comprising tests in reading, conversation, dictation, phonetics and *explication de textes*.

For students who combine French with another subject for the Honours degree of B.A. the final examination will comprise either papers (a), (b), (c), (d) and (e) or papers (a) and (b) and any two of papers (e), (f) and (g); and in either case an oral examination comprising tests in reading, conversation, dictation, phonetics and *explication de textes*.

In their second year they will be required to pass in Old and Middle French I.

In their third year they will be required either to pass in Old and Middle French II or to write three essays on questions concerning French literature from 1550 to the present day. These essays will be related as far as possible to the current work in the subject with which French is combined.

In their final year they shall write three more advanced essays on the literature of the past four centuries; but those who have passed in Old and Middle French II may elect instead to do the fourth year course in Old and Middle French literature and French philology and write one essay on a question taken from French literature from its beginnings up to 1600.

In all three years they shall attend the weekly Honours tutorials and perform the exercises connected therewith.

39. French Language and Literature for the Degree of M.A.

Candidates for the degree of M.A. in French Language and Literature are advised to consult the Professor at the earliest opportunity.

Those who seek to qualify for candidature under regulation 2 (b) are required, at the outset of their preparatory course, to satisfy the examiner in a translation and oral test (excluding *explication de textes*), equivalent in standard to papers (a) and (b) and the oral test of the final examination for the Honours degree of B.A. On their completion of the preparatory course they shall take papers (c), (d), and any two of (e), (f), and (g) of the final examination for the Honours degree of B.A. and be tested for *explication de textes*.

GERMAN

There are four courses in German for the Ordinary degree of Bachelor of Arts: they are designated German IA, German I, German II and German III. In German IA and I there will be two pass standards, a higher and a lower, designated Division I and Division II respectively. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in German I until he has passed in German at the Leaving Examination or take the course in German II until he has passed the final examination at the higher level, in German IA or I, or the course in German III until he has passed the final examination in German II. There are no prerequisites for the German IA course, but the annual examination for this course will be in February of the year following the year in which the course is given, in order to give the students taking it time to read intensively after they have mastered the language.

Candidates are required to attend tutorial classes.

All students are expected to attend the Deutscher Verein, which meets periodically throughout the academic year, and the Goethe Society of South Australia which meets on the third Wednesday of each month.

40. German IA.

This is a special course designed for those who have no knowledge of German; it takes them in one year to the level of German I. In the first term there will be four hours' language work a week and a further class designed to introduce the German background, geography, cultural history and social institutions. In the second and third terms this class will be introduced to the history and criticism in *English* of German Literature. During the third term students will begin the study of the texts set for German I literature study: this work is to be continued over the vacation until the examination in the following February, at the time of the University supplementary examinations.

Set books:

- (a) Language work: For 1st term:
The German Department's Rapid Course (to be obtained from the Department).
12 Erzählungen für Anfänger (Bell).
- For 2nd term:
Russon, L. J., *Complete German course* (Longman).
Etwas zum Lachen (Bell).
Hie und da (Bell).
- (b) Introduction to German literature:
Hauptmann, G., *Bahnwärter Thiel* (Blackwell).
Keller, G., *Romeo und Julia auf dem Dorfe* (Harrap).
Hauptmann, G., *Bahnwärter Thiel* (Blackwell).
Mann, T., *Tonio Kröger* (Fischer or Blackwell).
Waidson, H. M. (ed.), *German short stories, 1900-45* (C.U.P.).
Oxford book of German verse, Nos. 101-2, 104, 114, 117, 145, 147-8, 213, 220, 228, 268, 272-4, 292, 294, 323, 325, 338, 346, 427, 430, 432, 434, 478, 480, 484, 507, 511, 513.
Oxford book of German prose, Nos. 20, 31, 47, 55, 62-3, 76-84, 87-8, 102, 146, 157, 159, 176, 187-9, 191-2, 200, 205, 208-9, 217-9, 220-2, 224, 227, 237, 243-4, 246.
- (c) Background to German life and culture:
See section (b) of German I.

41. German I.

- (a) Translation from German into English and from English into German; this includes unseen passages as well as passages from set texts. Classes in grammar and composition are held once a week.
- (b) An introduction to German life and culture. Class lectures are given once a week.

Text-books:

- Natan, A., *Neues Deutschland* (Macmillan).
Aus altdeutscher Zeit, Vols. 1 and 2 (Klett, Stuttgart).
Elkins, T. H., *Germany* (Christophers).

Students are expected to buy these books.

In addition, those students who wish to do so may buy Flenley, R., *History of German*, which will also be used as a text-book. There is a limited number of these available for short-term loan from the Department.

- (c) Study of selected German texts: class lectures in textual explanation of these are given once a week.

Text-books:

- Hoffmann, E. T. A., *Der goldene Topf* (Blackwell).
Keller, G., *Romeo und Julia auf dem Dorfe* (Harrap).
Hauptmann, G., *Bahnwärter Thiel* (Blackwell).
Mann, T., *Tonio Kröger* (Fischer or Blackwell).
Waidson, H. M. (ed.), *German short stories, 1900-45* (C.U.P.).
Oxford Book of German verse, Nos. 101-2, 104, 114, 117, 145, 147-8, 213, 220, 228, 268, 272-4, 292, 294, 323, 325, 338, 346, 427, 430, 432, 434, 478, 480, 484, 507, 511, 513.
Oxford Book of German prose, Nos. 20, 31, 47, 55, 62-3, 76-84, 87-8, 102, 146, 157, 159, 176, 187-9, 191-2, 200, 205, 208-9, 217-9, 220-2, 224, 227, 237, 243-4, 246.

Lists of background books recommended for reading in conjunction with the above courses will be issued at the first class-meeting.

Students intending to continue with further years of German or to take German Honours are required to buy the two Oxford Books and also a good History of German Literature, either J. G. Robertson (in English), or F. Martini (in German).

- (d) Candidates must satisfy a conversation test. Oral practice is given in the tutorial classes and students will be judged in their final examination results on the year's performance as a whole. Attention is once more drawn to the practice afforded by meetings of the Deutscher Verein and Goethe Society. Notices of these meetings are posted in the Department.

42. German II.

- (a) Translation from German into English and from English into German, including unseen passages as well as passages from set texts. Classes in grammar and composition are held once a week.
- (b) The German Novelle, 1780-1900. Class lectures are given.

Books set for study:

- Goethe, *Novelle* (Insel).
 Kleist, *Three stories*, ed. Garland (Manchester U.P.).
 Tieck, *Der blonde Eckbert* (Reclam or Blackwell).
 Brentano, *Geschichte vom braven Kasperl* (Reclam or Blackwell).
 Gotthelf, *Die schwarze Spinne* (Reclam or Blackwell).
 Droste-Hülshoff, *Die Judenbuche* (Harrap or Insel).
 Mörike, *Mozart auf der Reise nach Prag* (Harrap).
 Stifter, *Bergkristall* (Harrap or Insel).
 Grillparzer, *Der arme Spielmann* (C.U.P.).
 Keller, *Kleider machen Leute* (Harrap).
 Die drei gerechten Kammacher (Harrap).
 Der Landvoigt von Greifensee (Blackwell).
 Das Fähnlein der sieben Aufrechten (Reclam).
 Storm, *Renate* (Reclam).
 In St. Jürgen (Dent).
 Der Schimmelreiter (Methuen).
 Meyer, *Das Amulett* (Bell).
 Mann, *Tod in Venedig* (Fischer P.B. No. 54).

These short stories should be purchased. The editions recommended are usually educational editions with notes and vocabulary. Students are strongly advised to buy also:

Bennett, E. K., *History of the German novelle*.

- (c) History of the German Drama from Goethe to the present day.

Text-books:

The Oxford Books and a History of German literature, as in German I.

Books set for study:

- Goethe, *Egmont* (Harrap).
 Tasso (Reclam).
 Kleist, *Prinz von Homburg* (Harrap).
 Penthesilea (Reclam).
 Grillparzer, *Der Traum ein Leben* (Heath or Reclam).
 Hebbel, *Maria Magdalena* (Blackwell).
 Büchner, *Woyzeck* (Goldmann P.B. No. 395).
 Dantons Tod (Goldmann P.B. No. 395).
 Hauptmann, *Vor Sonnenaufgang* (Reclam).
 Wedekind, *Frühlingserwachen*.
 Hofmannsthal, *Der Tor und der Tod* (Blackwell).

Lists of background reading will be issued at the first class-meeting.

- (d) Candidates must satisfy a conversation test. Oral practice is given in tutorial classes. Attention is once more drawn to the practice afforded by meetings of the Deutscher Verein and the Goethe Society. Notices of these meetings are posted in the Department.

43. German III.

- (a) Translation from English into German and German essay. Translation from German into English and stylistic appreciation. There will be two separate two-hour examination papers, one for translation and stylistic appreciation, and one for the essay.

Recommended for general study:

Kutscher, *Stilkunde der deutschen Dichtung* (1951).
Reiners, *Stilkunst* (1950).

- (b) German literature in the 20th century. Class lectures are given.

Books set for reading:

Hofmannsthal, *Reitergeschichte* (Fischer-Bücherei No. 25).
Kafka, *Die Verwandlung* (Fischer-Bücherei No. 19).
Mann, T., *Two stories*, ed. Witte (Nelson).
Hesse, *Siddharta* (Suhrkamp).
Carossa, *Eine Kindheit* (Blackwell).
Verwandlungen einer Jugend (Blackwell).
Huch, *Der letzte Sommer* (Insel-Bücherei No. 172).
von le Fort, *Die Letzte am Schafott* (Reclam).
Bergengruen, *Die drei Falken* (Blackwell).
Wiechert, *Hirtennovelle* (Schöningh).
Andres, *Wir sind Utopia* (Piper).
Goes, *Unruhige Nacht* (Wittig).
Fallada, *Kleiner Mann, was nun?* (Rowohlt P.B.).

Lists of background reading will be issued at the first class-meeting.

- (c) History of the German Drama from Goethe to the present day.

Books set for study:

As for course (c) of German II, and in addition:

Schiller, *Don Carlos* (Harrap).
Maria Stuart (Macmillan).
Hofmannsthal, *Der Schwierige* (Fischer-Bücherei No. 233).
Brecht, *Die Ausnahme und die Regel*.
Das Leben des Galilei (Heinemann).

Class seminars will be held to supplement the lectures given to the German II class.

44. Older German Language and Literature I.

- (a) Introduction to Philology, with an introductory course in Dutch.

Text-book:

Smit, J., and Meijer, R., *A Dutch grammar and reader* (M.U.P.).

Recommended books:

Priebsch and Collinson, *The German language* (Faber).
Bloomfield, *Language* (Holt).
Moser, *Deutsche Sprachgeschichte*.
Prokosch, *Comparative Germanic grammar*.
Potter, S., *Language* (Pelican).

- (b) A course in the history of the German lyric. Texts and detailed reading-list will be issued by the Department of German.

Recommended books:

Klein, J., *Geschichte der deutschen Lyrik*.
Praver, *German lyric poetry* (Routledge).

- (c) History of the German Drama from Goethe to the present day. This course will be studied at the level of German III.

45. Older German Language and Literature II.

- (a) Introduction to Philology (second year), with an introductory course in Dutch.
Text-book:
Smit, J., and Meijer, R., *A Dutch grammar and reader* (M.U.P.).
- (b) History of German literature in the 16th century.
Many of the books set for this course are not available in cheap form but will have to be borrowed from the Barr-Smith Library or the Department of German. Lists will be circulated at the first class-meeting.
Text-books:
Luther, *Ausgewählte Werke* (Reclam).
Berger, A. E. (ed.), *Die Schaubühne im Dienst der Reformation* (Reclam).
Sachs, *Ausgewählte Werks* (Reclam).
Selections (Blackwell).
Das Volksbuch von Dr. Faustus (any edition available).
Das Volksbuch von Fortunatus (any edition available).
- (c) A course of intensive study of two out of the following authors: T. Mann, Hesse, Bergengruen, Carossa. Works by these authors are to be studied in course (b) of German III and this more intensive work will be carried on side by side with that course.

48. German for the Honours Degree of B.A.

Students taking the Honours course in German are required:

- i. to pass in German IA or I, German II and German III;
- ii. to do additional Honours work in the second and third years;
- iii. to pass in Older German Language and Literature I and II as set out above;
- iv. to devote the fourth year to Honours work in literature and philology.

During their Final year, students will prepare a dissertation showing some evidence of original research on an aspect of German literature or language. Choice of subject must be made at the beginning of the first term after consultation with the Head of the Department of German. They will also attend:

- (a) a course of Middle High German philology and literature;
- (b) an occasional seminar-course on certain aspects of the literature of the Aufklärung period.

The above merely outlines the courses to be pursued. Further information should be obtained by applying to the Department of German.

Students who have obtained the permission of the Faculty to combine German with another subject for the Honours Degree will be excused some Honours work during their course of study.

49. Scientific German.

There are two courses, as indicated in (a) and (b).

- (a) This course, open to members of staff, research students and all third and fourth year science students, consists of two lectures weekly throughout the year. The aim of the course is to ensure fluency in reading German and in translation from German into English. *No previous knowledge of the language is required.* A complete grammatical survey is made and for translation a large varied selection of scientific texts is used. These are distributed during the course.
Text-books:
Buckley, R. W., *Essential German for science students* (U.L.P.).
de Vries, Louis, *German-English science dictionary* (McGraw-Hill).
- (b) This course of one lecture weekly throughout the year is open to all who have previously attended the above course. It is also open to those members of staff, research students and third and fourth year science students who have some previous knowledge of German.
Text-book:
Barker, M. L., *German for sixth form and adult beginners* (Heffer).

HISTORY.

There are seven courses. A student proceeding to a degree must pass in History I (A or B or C) or Politics I before he may take History IIA; in History I (A or B or C) or Politics I or Economics I or Social Economics before he may take History IIB; and in History II (A or B) before he may take History III (A or B).

History IA, B and C are alternative courses available to all students, but those intending only one course in History should not take History IA. Candidates for the Diploma of Social Studies are recommended to take History IB and Law students are recommended to take History IC.

51. History IA.

Europe and the world it encountered, 1500-1800.

No pre-requisite subject.

A first-year course; not available to exempted students.

Duplicate copies of a number of useful primary and secondary sources can be borrowed from the History Book Club, which students are advised to join.

The following are recommended for preparatory reading:

Ergang, R., *Europe from the Renaissance to Waterloo*.
Nehru, J., *Glimpses of world history*.

Students should have:

Ashley, M., *England in the seventeenth century* (Pelican).
Bainton, R. H., *The age of the Reformation*.
Bindoff, S. T., *Tudor England* (Pelican).
Cobban, A., *A History of modern France, Vol. 1* (Pelican).
Gershoy, L., *The era of the French Revolution, 1789-1799*.
Panikkar, K. M., *Asia and western dominance*.
Parry, J. H., *Europe and a wider world*.
Plumb, J. H., *England in the eighteenth century* (Pelican).

Other cheap and useful books:

Atkinson, W. C., *A history of Spain and Portugal* (Pelican).
Lord Acton, *Lectures on modern history* (Fontana).
Ashley, M., *Louis XIV* (Teach Yourself History).
Bainton, R. H., *Here I stand* (a life of Luther).
Sumner, B. H., *Peter the Great* (Teach Yourself History).
Thompson, J. M., *Robespierre* (Teach Yourself History).
Wedgwood, C. V., *Richelieu* (Teach Yourself History).
Cellini, B., *Autobiography*.
Goodwin, A., *The French Revolution* (Grey Arrow).
Fisher, H. A. L., *Napoleon* (H.U.L.).
Machiavelli, N., *The Prince*.
Tawney, R. H., *Religion and the rise of capitalism* (Pelican).
Pollard, A. F., *Factors in modern history* (Constable).
Voltaire, *Candide*.
The Penguin atlas of the world.

52. History IB.

Economic and Social History of Modern Britain.

No pre-requisite subject.

Available to exempted students; those who intend to take History IIB are recommended (though not required) to take this course.

A study of economic and social changes in Britain since the end of the eighteenth century, with some Australian comparisons.

Preliminary reading:

Gregg, Pauline, *A social and economic history of Britain, 1760-1950*.
Trevelyan, G. M., *English social history*.

Some useful books:

Ashton, T. S., *The industrial revolution, 1760-1830*.
Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic history—select documents*.

- Briggs, A., *The age of improvement*.
 Cole, C. D. H., *Introduction to economic history*.
 Court, W. H. K., *A concise economic history of Britain from 1750 to recent times*.
 Halévy, E., *A history of the English people in the nineteenth century*, Vol. 1, *England in 1815*.
 Hall, M. Penelope, *The social services of modern England*.
 Mowat, C. L., *Britain between the wars 1918-1940*.
 Shann, E., *An economic history of Australia*.
 Thomson, D., *England in the nineteenth century: 1815-1914* (Penguin).

53. History IC.

British History.

No pre-requisite subject.

The course is open to Arts students as an alternative to History IA and IB, and is also of special interest to Law students; it is not available to exempted students; and may serve as a pre-requisite for History IIA or IIB.

A study of the general and constitutional history of Britain from the middle ages to present times.

Books:

There is no prescribed text-book, but the following will serve as a basis for the whole course:

- (a) General: the following volumes of *The Pelican History of England*:
 Myers, A. R., *England in the late middle ages*.
 Bindoff, S. T., *Tudor England*.
 Ashley, M., *England in the seventeenth century*.
 Plumb, J. H., *England in the eighteenth century*.
 Thomson, D., *England in the nineteenth century*.
 Trevelyan, G. M., *English social history* (Longmans).
- (b) Constitutional:
 Keir, D. L., *The constitutional history of modern Britain; or*
 Taswell-Langmead, T. P., *English constitutional history*.
- (c) Documents:
 Stephenson, Carl, and Marcham, F. G., *Sources of English constitutional history*.
 Costin, W. C., and Watson, J. S., *The law and working of the constitution: documents, 1660-1914*.

54. History IIA.

Europe since 1815.

Pre-requisite: History I (A or B or C) or Politics I; available to exempted students.

The course has two parts: general history, for which some reading is suggested below, and a special subject, to be chosen from alternative topics and reading lists which will be issued from time to time.

Preliminary reading:

- Ergang, R., *Europe since Waterloo*.
 Chambers, F. P., Harris, C. P., and Bayley, C. C., *This age of conflict*.

A good general history book:

- Thomson, D., *Europe since Napoleon*.

Other useful books:

- Langer, W. (ed.), series *The rise of modern Europe*:
 Artz, F. B., *Reaction and revolution, 1814-32*.
 Binkley, R. C., *Realism and nationalism, 1852-71*.
 Hayes, C. J. H., *A generation of materialism, 1871-1900*.
 Morazé, C., and Wolff, P., *L'Époque contemporaine*.
 Briggs, A., *The age of improvement*.

- Bury, J. P. T., *France, 1815-1940*.
 Clapham, J. H., *Economic development of France and Germany*.
 Cole, G. D. H., *Introduction to economic history*.
 Florinski, M. T., *Fascism and national socialism*.
 Hill, C., *Lenin and the Russian Revolution*.
 Halévy, E., *History of the English people in the nineteenth century*.
 Lewis, W. A., *Economic survey, 1919-39*.
 Michels, R., *Political parties*.
 Mosca, G., *The ruling class*.
 Pascal, R., *The growth of modern Germany*.
 Pelling, H., *Modern Britain, 1885-1955*.
 Robinson, J. H., and Beard, C. A. (eds.), *Readings in modern European history*.
 Scheele, G., *The Weimar Republic*.
 Schumpeter, J. A., *Capitalism, socialism and democracy*.
 Seton-Watson, H., *The decline of Imperial Russia*.
 Sprigge, C. J. S., *The development of modern Italy*.
 Steed, W., *The Hapsburg monarchy*.
 Taylor, A. J. P., *The struggle for mastery in Europe*.
 Thomson, D., *Democracy in France*.
 Thomson, D., *England in the nineteenth century*.
 Utley, T. G., and Maclure, J. S. (eds.), *Documents of modern political thought*.

55. History IIB.

British Economic History.

Pre-requisite: History I (A or B or C) or Politics I or Economics I or Social Economics; available to exempted students only in special circumstances.

A study of the economic history of Britain and her interests and dependencies oversea in the seventeenth and eighteenth centuries, with attention in seminars to economic policy and thought of the period.

Preliminary reading:

- Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D. 1750*, chapters 6-9.
 Court, W. H. B., *A concise economic history of Britain from 1750 to recent times*, chapters 1-7.
 Lipson, E., *The economic history of England*, Vols. II and III, *The age of mercantilism*.
The Cambridge History of the British Empire, Vol. I, *The old regime from the beginning to 1783* (relevant sections).

Other useful books:

- Ashton, T. S., *An economic history of England—the eighteenth century*.
 Ashton, T. S., *The industrial revolution, 1760-1830*.
 Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic history—select documents*.
 Clark, G. N., *The seventeenth century*.
 Halévy, E., *A history of the English people in 1815*.
 Kennedy, W., *English taxation, 1640-1799—an essay on policy and opinion*.
 Mantoux, P., *The industrial revolution in the eighteenth century*.
 Richards, R. D., *The early history of banking in England*.
 Unwin, G., *Industrial organisation in the sixteenth and seventeenth centuries*.
 Schuyler, R. L., *The fall of the old colonial system—a study in British free trade, 1770-1870*.
 Furber, H., *John Company at work—a study of European expansion in India in the late eighteenth century*.
 Krishna, B., *Commercial relations between India and England, 1601-1757*.
 Sutherland, L. S., *The East India Company in eighteenth century politics*.
 Davies, K. G., *The Royal African Company*.
 Hinton, R. W. K., *The Eastland trade and the common weal in the seventeenth century*.

- McLachlan, J. O., *Trade and peace with Old Spain, 1667-1750.*
 Wilson, Charles, *Anglo-Dutch commerce and finance in the eighteenth century.*
 Heckscher, E., *Mercantilism*, revised edition.
 Johnson, E. A. J., *Predecessors of Adam Smith.*
 Roll, Eric, *A history of economic thought.*
 Smith, Adam, *The wealth of nations.*
 Tawney, R. H., *Religion and the rise of capitalism.*
 Whittaker, E., *A history of economic ideas.*
 Viner, J., *Studies in the theory of international trade*, chapters 1-4.

56. History IIIA.

Pre-requisite: History II (A or B); available to exempted students only in special circumstances.

First Term: A general survey of European overseas expansion with emphasis on the changing patterns of colonial administration, law, politics, and economics, the opening of empty continents, and the impact of empire on native races in colonies and protectorates. This introduction will be followed in

Second and Third Terms by:

- (a) *Australian History:* A study of European settlement, and especially of the transplanting of institutions, in a new environment;
or
 (b) *Far Eastern History:* A study of the national and international affairs of China, Japan, and South-east Asia since 1800;
or
 (c) *European Economic History:* A study of the economic history of the Continent and of European interests and dependencies overseas since 1815.

(Alternative (c) will not be offered in 1961.)

Books:

General:

- Smith, H. N., *Virgin land, The American West as symbol and myth.*
 Hancock, W. K., *Argument of empire.*
 Hancock, W. K., *Wealth of colonies.*
 Hobson, J. A., *Imperialism.*
 Perham, M. F., *Lugard.*
 Thornton, A. P., *The imperial idea and its enemies.*
 Cary, J., *Mister Johnson.*
 Grimble, A. F., *Pattern of islands.*
 Maine, H. J. S., *Ancient law.*
 Gann, L. H., *The birth of a plural society.*

Australian History:

Students should have:

- Clark, M. (ed.), *Sources of Australian history.*

Other useful books:

- Clark, C. M. H. (ed.), *Select documents in Australian history, 1788-1850.*
 Clark, C. M. H. (ed.), *Select documents in Australian history, 1851-1900.*

Reference books:

- Crawford, R. M., *Australia.*
 Fitzpatrick, B., *The Australian people, 1788-1945.*
 Fitzpatrick, B., *The Australian Commonwealth.*
 Fitzpatrick, B., *The British Empire in Australia, 1834-1939.*
 Greenwood, G. (ed.), *Australia, a social and political history.*
 Hancock, W. K., *Australia.*
 Shann, E., *An economic history of Australia.*
 Shaw, A. G. L., *The story of Australia.*
 Baker, S. J., *The Australian language.*
 Boyd, R., *Australia's home.*
 Murtagh, J. G., *Australia, the Catholic chapter.*
 Pike, D., *Paradise of dissent.*
 Crowley, F. K., *Australia's western third.*
 Ward, R., *The Australian legend.*

Far Eastern History:

Preliminary reading:

- Vinacke, H. M., *A history of the Far East in modern times.*
 Clyde, P. H., *The Far East.*

Other useful books:

- Hudson, G. F., *The Far East in world politics.*
 Fitzgerald, C. P., *China in revolution.*
 Fitzgerald, C. P., *Flood tide in China.*
 Lindsay, M., *China and the cold war.*
 Ssu-yu-teng and Fairbanks, J. (eds.), *China's response to the west, 1839-1923.*
 Clyde, P. H., *United States policy towards China.*
 Brandt, C., Schwartz, B., and Fairbanks, J. (eds.), *A documentary history of Chinese communism.*
 Sun Yat-sen, *Sun Min Chu I.*
 Chiang Kai-shek, *China's destiny.*
 Mao tse-tung, *On contradiction.*
 Mao tse-tung, *New democracy.*
 Yanaga, C., *Japan since Perry.*
 Beasley, W. G., *Select documents on Japanese foreign policy, 1853-68.*
 Norman, E., *Japan's emergence as a modern power.*
 Jones, F. C., *Japan's new order in East Asia, 1937-45.*
 Griswold, A. W., *The Far Eastern policy of the United States.*
 Furnivall, J. A., *Netherlands India.*

Economic History:

Preliminary reading:

- Ashworth, W., *A short history of the international economy, 1850-1950.*
 Clough, S. B., and Cole, C. W., *Economic history of Europe, Part III, 3rd or later editions.*
 Condliffe, J. B., *The commerce of nations, Parts III and IV.*
 Ferenczi, I., and Willcox, W. F. (eds.), *International migrations.*
 Hawtrey, R. G., *Economic aspects of sovereignty.*
 Hayek, F. A., and others, *Capitalism and the historian.*
 Hubbard, G. E., *Eastern industrialisation and its effect on the West, 2nd or later edition.*
 Lewis, W. A., *The theory of economic growth.*

Other useful books:

- Clapham, J. H., *Economic development of France and Germany, 1815-1914.*
 Clapham, J. H., *An economic history of modern Britain.*
 Eyre, E. (ed.), *European civilisation, its origin and development, Vol. I, The economic history of Europe since the Reformation, relevant sections.*
 Henderson, W. O., *Britain and industrial Europe, 1750-1870.*
 Knowles, L. G. A., *Economic development in the nineteenth century—France, Germany, Russia and the United States.*
 Lewis, W. A., *Economic survey: 1919-1939.*
 Clough, S. B., *France—a history of national economics, 1789-1939.*
 Dunham, A. L., *The Anglo-French treaty of commerce of 1860 and the progress of the industrial revolution in France.*
 Haight, F. A., *A history of French commercial policies.*
 Priestley, H. I., *France overseas—a study of modern imperialism.*
 Bruck, W. F., *Social and economic history of Germany from William II to Hitler, 1888-1938.*
 Townsend, M. E., *The rise and fall of Germany's colonial empire, 1884-1918.*
 Aron, R., and others, *The Soviet economy—a discussion.*
 Baykov, A., *The development of the Soviet economic system.*
 Lyashchenko, P. I., *History of the national economy of Russia to the 1917 revolution, relevant sections.*
 Mavor, J., *An economic history of Russia.*

For general reference:

- Encyclopaedia of the social sciences.*

57. History IIB.

American History.

A History of the United States of America.

Pre-requisite: History II (A or B); available to exempted students only in special circumstances.

Preliminary reading:

- Faulkner, H. U., *Economic history of the United States* (Macmillan).
 Nye, R. B., and Morpurgo, J. E., *History of the United States* (Pelican).
 Allen, H. C., and Hill, C. P. (eds.), *British essays in American history* (Arnold).
 Thistlewaite, F., *The great experiment* (C.U.P.).
 Morris, R. B., *Basic documents in American history* (Anvil).

Students should have:

- Staff, Social Science I, The College of the University of Chicago (eds.), *The people shall judge. Readings in the formation of American policy*, Vols. 1 and 2 (University of Chicago Press).

Other useful books:

- Manning, T. G., and Potter, D. M., *Select problems in historical interpretation*, Vols. 1 and 2 (Holt).
 Commager, H. S., *Documents of American history, 1492-1949* (Appleton-Century-Crofts).
 Hacker, L. M., and Zahler, H., *The shaping of the American tradition*, Vols. 1 and 2 (Columbia U.P.).
 Craven, A., Johnson, W., and Dunn, F. R., *A documentary history of the American people* (Ginn).
 Birley, R., *Speeches and documents in American history*, Vols. 1-4 (O.U.P.).
 Department of American Studies, Amherst College (eds.), *Problems in American civilisation. Selected readings* (Heath).
 U.S. Bureau of the Census, *Historical statistics of the United States, 1789-1945* (U.S. Government Printing Office).
 Morison, S. E., and Commager, H. S., *Growth of the American republic*, Vols. 1 and 2 (O.U.P.).
 Beard, C. A. and Mary R., *The rise of American civilisation* (Macmillan).
 Turner, F. J., *The frontier in American history* (Holt).
 Hacker, L. M., and Kendrick, B. B., *The United States since 1865* (Appleton-Century-Crofts).
 Gabriel, R. H., *The course of American democratic thought* (Arnold).
 Wright, C. W., *Economic history of the United States* (McGraw-Hill).
 Brogan, D. W., *An introduction to American politics* (Hamish Hamilton).
 Bailey, T. A., *Diplomatic history of the United States* (Appleton-Century-Crofts).
 Kennan, G. F., *American diplomacy, 1900-1950* (Secker and Warburg).
 Lynch, D., *The concentration of economic power* (Columbia U.P.).
 Bellott, H. H., *American history and American historians* (University of London Press).

58. History for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor before the beginning of their second year's work; they will be required:

- (a) To pass in eight courses as prescribed for the ordinary degree of B.A. and as approved by the department of History; (Approval will always be given to courses that include History I (A or B or C), History II (A or B), History IIIA, another third-year course and not more than four first-year courses);
- (b) to undertake such honours work as may be required in connection with some of these courses;
- (c) to be able to translate from French, German, or Italian;
- (d) to undertake a fourth year of honours work, including tutorial discussions, written examinations, and the writing of a thesis.

59. History for the Degree of M.A.

Candidates for the degree of M.A. in History should consult the Professor.

POLITICS.

Five courses are offered in this Department: Politics I, IIA, IIB, IIIA, and IIIB. The course in Politics I (The Modern Democratic State) was listed formerly as Politics II, and that in IIB (Public Administration) was previously Politics IIIA. Students who have already commenced their courses will be allowed to complete their sequences under the old Regulations, and for this purpose count what is now Politics I as a second-year course, and Politics IIB as a third-year course.

Except by special permission of the Faculty of Arts, Politics I must be completed before Politics II (A or B) is taken; Politics II (A or B) completed before Politics IIIA is taken; and Politics II (A or B) or History IIA before Politics IIIB is taken. Students are strongly recommended to complete History IIA before taking Politics IIIB, and to note carefully, therefore, the pre-requisites for History IIA.

The books recommended are not intended to be an exhaustive list; they are suggestions as to how the lectures should be supplemented.

Essays and written exercises are regarded as an integral part of the courses, and students will be allowed to sit for the annual examinations only if their written work has been satisfactory.

61. Politics I.

The Modern Democratic State.

No pre-requisite subject.

A first-year course; available to external students. (Can be counted as a second-year course by students completing their sequences under the old regulations.)

In this course two terms are devoted to an analysis of the institutions which are characteristic of modern parliamentary democracies. Attention is directed mainly to the principles and general features of the British and Australian constitutions, but some reference is also made to the U.S.A. and other countries. In the third term, an examination is made of the basic beliefs and assumptions of a democracy.

Preliminary reading:

- MacKenzie, K., *The English parliament* (Pelican).
- Chrimes, S. B., *English constitutional history* (H.U.L.).
- Trevelyan, G. M., *History of England* (Longmans).

Students should procure:

- Pickles, D. M., *Introduction to politics* (Sylvan Press).
- Miller, J. D. B., *Australian government and politics* (Duckworth).
- Sawer, G., *Australian government today* (M.U.P.).
- Lindsay, A. D., *The essentials of democracy* (O.U.P.).

Essential references:

- Mill, J. S., *On liberty* (Blackwell).
- Marx, K., and Engels, F., *The Communist Manifesto* (Allen and Unwin).
- Lipson, L., *The great issues of politics* (Prentice-Hall).
- Barker, E., *Reflections on government* (O.U.P.).
- Wheare, K. C., *Modern constitutions* (O.U.P.).
- Jennings, W. I., *Parliament* (C.U.P.).
- Morrison, H., *Government and parliament* (O.U.P.).
- Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).
- Lippmann, W., *Public opinion* (Macmillan).
- Overacker, L., *The Australian party system* (O.U.P.).

Other useful references:

- Soltau, R. H., *Introduction to politics* (Longmans).
- Commager, H. S., *Freedom, loyalty, dissent* (O.U.P.).
- Tawney, R. H., *Equality* (Allen and Unwin).
- Ewing, A. C., *The individual, the state and world government* (Macmillan).
- Laski, H. J., *A grammar of politics* (Allen and Unwin).
- Carew Hunt, R. N., *The theory and practice of Communism* (Bles).

- Friedrich, C. J., and Brzezinski, Z. K., *Totalitarian dictatorship and auto-cracy* (Harvard).
 Ebenstein, W., *Modern political thought* (Rinehart).
 Utley, T. E., and Maclure, J. S., *Documents of modern political thought* (C.U.P.).
 Amery, L. S., *Thoughts on the constitution* (O.U.P.).
 Taylor, E., *The House of Commons at work* (Pelican).
 Friedrich, C. J., *Constitutional government and democracy* (Ginn).
 Sawyer, G. (ed.), *Federalism—an Australian jubilee study* (Cheshire).
 Greenwood, G., *The future of Australian federalism* (M.U.P.).
 Report, *Royal commission on the press* (H.M.S.O., 1949).

62. Politics IIA.

Comparative Government.

Pre-requisite subject: Politics I.

A second-year course; available to exempted students.

This course will be concerned with the comparative study of certain political institutions and problems, with examples drawn mainly from Russian and American government, but including references to Canadian, French and German systems. Some of the questions it is hoped to consider are: the setting in which political decisions are made, particularly federalism and problems of federal government; the makers of decisions—elites; the procedures of politics; practical politics, parties and pressure groups; the performance of the systems under consideration.

Preliminary reading:

- Sumner, B. H., *Survey of Russian history* (Duckworth).
 Some general account of the government of the U.S.A. (There are numerous college texts that are suitable.)

Students should procure:

- Fainsod, M., *How Russia is ruled* (Harvard).
 Brogan, D., *An introduction to American politics* (Hamish Hamilton).

Other useful books:

- Hamilton, Madison and Jay, *The Federalist* (Blackwell).
 Wheare, K. C., *Federal government* (O.U.P.).
 Carew Hunt, R. N., *The theory and practice of communism* (Bles).
 Finer, H., *Theory and practice of modern government* (Methuen).
 Brady, A., *Democracy in the dominions* (Toronto U.P.).
 Scott, D. J. R., *Russian political institutions* (Allen and Unwin).
 White, L. D., et al., *The civil service abroad* (McGraw-Hill).
 Chapman, B., *The profession of government* (Allen and Unwin).
 Barker, E., *The development of public services in Western Europe, 1660-1930* (O.U.P.).
 Cole, T., *The Canadian bureaucracy* (Duke U.P.).
 Rostow, W. W., *The dynamics of Soviet society* (Norton).
 Report, *Royal commission on dominion-provincial relations* (Government Printer, Ottawa).
 Key, V. O., *Politics, parties and pressure groups* (Crowell).
 Zink, H., *Government and politics in U.S.A.*, 3rd edition (Macmillan).
 Bryce, J., *The American commonwealth* (Macmillan).

63. Politics IIB.

Public Administration.

Pre-requisite subject: Politics I.

A second-year course; not available to exempted students.

A third-year course only for those completing their sequences under the old regulations.

In this course particular attention will be paid to the administrative systems of the United Kingdom, Australia, the United States and France. It will include:

- (i) A study in administrative theory: bureaucracy, formal and informal organisation, group behaviour, co-ordination, communication and control.
- (ii) Detailed discussion of the Public Service, its structure, functions, and its problems; the relationships of administrative units with other organs of government and with the public.
- (iii) The administrative problems of federalism.
- (iv) Public enterprise.
- (v) A study of local government.

Preliminary reading:

- Gladden, E. N., *Introduction to public administration* (Staples).
- Finer, S. E., *A primer of public administration* (Muller).
- Blair, Leo, *The Commonwealth public service* (M.U.P.).

Useful references:

- Simon, H. A., and others, *Public administration* (Knopf).
- MacKenzie, W. J. M., and Grove, J. W., *Central administration in Britain* (Longmans).
- Smellie, K. B., *A hundred years of English government* (Duckworth).
- Gladden, E. N., *The essentials of public administration* (Staples).
- Dimock, M. and G., *American government in action* (Rinehart).
- Chapman, B., *Introduction to French local government* (Allen and Unwin).
- Chester, D. N., *Central and local government* (Macmillan).
- Warren, J. H., *English local government system* (Allen and Unwin).
- Bland, F. A., *Government in Australia* (Government Printer, Sydney).
- Simon, H. A., *Administrative behaviour* (Macmillan).
- Marx, F. M., *The administrative state* (Chicago U.P.).
- Waldo, D., *Ideas and issues in public administration* (McGraw-Hill).
- Campbell, G., *The civil service in Britain* (Pelican).
- Critchley, T. A., *The civil service today* (Gollancz).
- Kelsall, R. K., *Higher civil servants in Britain* (Routledge).
- Beer, S. H., *Treasury control* (O.U.P.).
- Gladden, E. N., *Civil service or bureaucracy?* (Staples).
- Parker, R. S., *Public service recruitment in Australia* (M.U.P.).
- Friedmann, W., *Principles of Australian administrative law* (M.U.P.).
- Jackson, R. M., *The machinery of local government* (Macmillan).
- Chapman, Brian, *The profession of government* (Allen and Unwin).
- Davies, A. F., *Australian democracy* (Longmans).
- Miller, J. D. B., *Australian government and politics* (Duckworth).
- Whyte, William H., *The organisation man* (Cape).
- Spann, R. N. (ed.), *Public administration in Australia* (Government Printer, Sydney).
- Marx, F. M. (ed.), *Elements of public administration* (Prentice-Hall).
- Marshall, G., and Moodie, G. C., *Some problems of the constitution* (Hutchinson).

64. Politics IIIA.

Political and Social Theory.

Pre-requisite subject: Politics IIA or IIB.

A third-year course; not available to exempted students.

In this course roughly a term will be devoted to each of the following:

- (i) Political ideas since the French Revolution, with special reference to the role of the State in democratic and totalitarian ideologies;
- (ii) Political sociology: a study of class and social structure; leadership and the notion of elites; the relation of party to class and elites, and the principles underlying party systems; the political significance of voluntary associations; the forces making for social change and the criteria of social progress;
- (iii) Political theory: the nature of political principles; the scope and function of theory in systematic politics; the analysis of such concepts as power, authority, sovereignty, justice and political obligation.

Students are expected to read widely, and the titles listed below are intended merely as an indication of the fields to be covered.

Reference books:

- Watkins, F. M., *The political tradition of the West* (Harvard).
 Hartz, L., *The liberal tradition in America* (Harcourt Brace).
 Barker, E., *Political thought in England, 1848-1914* (H.U.L.).
 Frankel, C., *The case for modern man* (Macmillan).
 Bowle, J., *Politics and opinion in the 19th century* (Cape).
 Ginsberg, M. (ed.), *Law and opinion in England in the 20th century* (Stevens).
 Plamenatz, J., *German marxism and Russian communism* (Longmans).
 Barbu, Z., *Democracy and dictatorship* (Routledge).
 Friedrich, C. J., and Brzezinski, Z. K., *Totalitarian dictatorship and autocracy* (Harvard).
 Shils, E., *The torment of secrecy* (Heinemann).
 Horn, R. A., *Groups and the constitution* (Stanford).
 Marshall, T. H., *Citizenship and social class* (C.U.P.).
 Cole, G. D. H., *Studies in class structure* (Routledge).
 Bendix, R., and Lipset, S. M. (eds.), *Class, status and power* (Routledge).
 Reisman, L., *Class in American society* (Routledge).
 Lipset, S. M., and Bendix, R., *Social mobility in industrial society* (Heinemann).
 Dahrendorf, R., *Class and class conflict in industrial society*.
 Mosca, G., *The ruling class* (McGraw-Hill).
 Meisel, J. H., *The myth of the ruling class* (Michigan U.P.).
 Burnham, J., *The managerial revolution* (Putman).
 Mills, C. W., *The power elite* (O.U.P.).
 Lipset, S. M., et al., *Union democracy* (Free Press).
 Ostrogorski, M., *Democracy and the organisation of political parties* (Macmillan).
 Michels, R., *Political parties* (Free Press).
 Duverger, M., *Political parties* (Methuen).
 McKenzie, R. T., *British political parties* (Heinemann).
 Hobhouse, L. T., *Social development* (Allen and Unwin).
 Hobhouse, L. T., *The elements of social justice* (Allen and Unwin).
 Mabbott, J. D., *The state and the citizen* (Hutchinson).
 Barker, E., *Principles of social and political theory* (O.U.P.).
 De Jouvenel, B., *Sovereignty* (C.U.P.).
 Easton, D., *The political system* (Knopf).
 Bann, S. I., and Peters, R. S., *Social principles and the democratic state* (Allen and Unwin).

65. Politics IIIB.

International Relations.

Pre-requisite subject: Politics IIA or IIB or History IIA. A third-year course; not available to exempted students. The course is divided into two sections which will be examined separately.

- (i) The structure of contemporary international society: an analytical inquiry into the nature and workings of the modern multi-state system. The focus is primarily on the various facets of foreign policy and its institutional framework.
- (ii) Current issues of international politics: a consideration of some of the principal contentious issues in the field of inter-state relations.

Preliminary reading:

- Carr, E. H., *International relations between the two world wars* (Macmillan).
 Connell-Smith, G., *Pattern of the post-war world* (Penguin).
 Seton-Watson, H., *Neither war nor peace* (Methuen).
 Martin, A., *Introduction to international relations* (Sylvan).

Useful reading:

- Carr, E. H., *The twenty years' crisis* (Macmillan).
 Wight, M., *Power politics* (R.I.I.A.).
 Morgenthau, H., *Politics among nations* (Knopf).
 Hartmann, F. H., *The relations of nations* (Macmillan).
 Niebuhr, R., *Moral man in immoral society* (Scribner).
 Niebuhr, R., *The structure of nations and empires* (Scribner).
 Brierly, J. L., *The law of nations* (O.U.P.).
 Nicolson, H., *Diplomacy* (H.U.L.).
 Panikkar, K. M., *Principle and practice of diplomacy* (Asia Publishing House).
 Kedourie, E., *Nationalism* (Hutchinson).
 Kennan, G. F., *Russia, the atom and the west* (O.U.P.).
 Osgood, R. E., *Limited war* (University of Chicago Press).
 Garthoff, R., *Soviet strategy in the nuclear age* (Stevens).
 Nicholas, H. G., *The United Nations as a political institution* (O.U.P.).
 Harper, N., and Sisson, D., *Australia and the United Nations* (Manhattan Publishing Co.).
 Levi, W., *Australia's outlook on Asia* (Angus and Robertson).
 Miller, J. D. B., *The Commonwealth in the world* (Duckworth).

68. Politics for the Honours Degree of B.A.

Students who wish to take an honours course in Politics will be required:

- (a) To pass in Politics I, Politics II (A or B), Politics IIIA and Politics IIIB, as prescribed for the Ordinary degree;
- (b) To attend such tutorial groups as are arranged in connection with these courses;
- (c) To pass in Social Economics (or Economics I), History IIA and in two other courses as prescribed for the Ordinary degree of B.A.;
- (d) To be able to translate from French, German or Italian;
- (e) To spend the fourth year on special honours work (including seminar discussions and the writing of a thesis) to be arranged after consultation with the Professor.

Students intending to take honours are requested to interview the Professor as soon as possible, and not later than the beginning of lectures in their second year.

69. Politics for the Degree of M.A.

Candidates for the degree of M.A. in Politics are requested to consult the Professor at the earliest opportunity.

PHILOSOPHY

There are four courses in Philosophy for the ordinary degree of Bachelor of Arts. A pass in Philosophy I is necessary before a student can take Philosophy II, and a pass in Philosophy II is necessary before a student can take Philosophy IIIA or Philosophy IIIB.

71. Philosophy I.

The course of lectures is given every year and is completed in one year. It is a general introduction to philosophy.

Text-books:

- Hume, *Inquiry concerning human understanding*, edited by C. W. Hendel (Liberal Arts Press).
 Hospers, J., *Introduction to philosophical analysis* (Routledge and Kegan Paul).
 Black, M., *Critical thinking* (Prentice-Hall); or
 Stebbing, L. S., *A modern elementary logic* (Methuen).

72. Philosophy II.

The course of lectures is given every year and is completed in one year. It is concerned with general philosophy, leading on from the first-year course.

Text-books:

- Locke, *Essay concerning human understanding*, abridged edition (O.U.P.).
 Berkeley, *Principles of human knowledge, three dialogues between Hylas and Philonous* (Everyman).
 Hume, *Treatise of human nature*, Book I (Everyman).
 Nowell-Smith, P. H., *Ethics* (Pelican).
 Quine, W. V., *Methods of logic*, 2nd edition (Allen and Unwin).

74. Philosophy IIIA.

The course of lectures is given every year and is completed in one year. It is concerned with logic and metaphysics. Subjects of examination will be the topics discussed in the following books:

- Quine, W. V., *From a logical point of view* (Harvard).
 Ryle, G., *The concept of mind* (Hutchinson).
 Wisdom, J., *Philosophy and psychoanalysis* (Blackwell).
 Wittgenstein, L., *The blue and brown books* (Blackwell).
 Strawson, P. F. *Introduction to logical theory* (Methuen).

75. Philosophy IIIB.

The course of lectures will be given every year and will be completed in one year. It is concerned with ethics, philosophy of religion and Greek philosophy. Subjects of examination will be the topics discussed in the following books:

- Hume, *Treatise of human nature*, Book III (Everyman).
 Plato, *Theaetetus*, translated by M. J. Levett (Jackson).
 Aristotle, *Nicomachean ethics*, translated by Sir David Ross (Oxford, World's Classics).
 Aquinas, St. Thomas, *Summa theologica*, Vol. I (Burns, Oates and Washbourne).
 Hume, *Dialogues concerning natural religion* (Blackwood).
 Hare, R. M., *The language of morals* (O.U.P.).

78. Philosophy for the Honours Degree of B.A.

In addition to study at a deeper level of the work required for the Ordinary Degree courses, namely, Philosophy I, II, IIIA and IIIB, candidates are expected to show knowledge of the following works:

- Descartes, *Discourse on method, meditations, in Descartes' philosophical writings*, translated by Anscombe and Geach (Nelson).
 Hume, *Treatise of human nature* (Everyman).
 Frege, G., *The foundations of arithmetic*, translated by J. L. Austin (Blackwell).
 Barker, S. F., *Induction and hypothesis* (Cornell).
 Wisdom, John, *Other minds* (Blackwell).
 Brandt, R. B., *Ethical theory* (Prentice-Hall).
 Quine, W. V., *Word and object* (Technology Press, M.I.T., and Wiley).
 Wittgenstein, L., *Philosophical investigations* (Blackwell).

79. Philosophy for the Degree of M.A.

Candidates for the degree of M.A. in Philosophy are required to consult the Professor of Philosophy within the first month of the academic year about the subject and the course of reading for their thesis.

PSYCHOLOGY.

There are six courses in Psychology for the degree of Bachelor of Arts. All students intending to take more than one course in Psychology must see the Professor.

The course Psychology IA is designed for students who intend to take only one year's work in Psychology. It will not be accepted as qualifying a student to proceed to Psychology IIA or IIB without the addition of courses of laboratory work and psychometrics. Students are recommended to take Psychology I, unless they have a special reason for doing Psychology IA.

For those students who intend to take more than one course in Psychology, there are five courses for the ordinary degree of Bachelor of Arts, namely, Psychology I, IIA, IIB, IIIA, IIIB. Except with special permission to be obtained in writing from the Registrar, no candidate may enrol for Psychology IIA or IIB until he has passed Psychology I, or Psychology IA plus courses in laboratory work and psychometrics, or for Psychology IIIA or IIIB until he has passed in either Psychology IIA or IIB.

80. Psychology IA.

The course comprises two lectures a week, and two substantial essay requirements. In addition students will be required to spend periods not exceeding a total of four hours for the year as participants in psychological experiments.

This course is intended to give an introductory survey of the main topics of modern experimental psychology. Psychology will be treated as a biological science and emphasis will be given to problems of methodology.

The topics will cover: the organization of the nervous system; receptor and effector mechanisms; learning, perception and motivation; maturation and individual differences; thinking and emotion.

Preliminary reading:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).
Drever, J., *A dictionary of psychology* (Penguin).

Text-books:

Munn, N., *Psychology. The fundamentals of human adjustment*, 3rd edition (Harrap); or
Morgan, C. T., *Introduction to psychology* (McGraw-Hill); and
Hebb, D. O., *A text-book of psychology* (Saunders).
Useful extra—Harper, R. S., *Introductory psychology* (Allyn and Bacon).

81. Psychology I.

This course is identical with that given for Psychology IA (80) with the exception that the essay requirement is deleted and a laboratory course is instituted. This laboratory course of two hours a week is essential for those who intend to take more than one year of Psychology.

Laboratory classes: practical experience of laboratory work; experimental methodology; statistics as applied to psychological observations.

Preliminary reading:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).
Drever, J., *A dictionary of psychology* (Penguin).

Text-books:

Munn, N., *Psychology. The fundamentals of human adjustment*, 3rd edition (Harrap); or
Morgan, C. T., *Introduction to psychology* (McGraw-Hill).
Hebb, D. O., *A text-book of psychology* (Saunders).
Harper, R. S., *Introductory psychology* (Allyn and Bacon). As this book is a little more sophisticated than either Morgan or Munn it may be useful for those students who wish to take psychology on after their first year.

82. Psychology IIA.

Pre-requisite: Psychology I (81).

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Psychometrics: one lecture a week on the general principles of sampling and statistical inference and parametric and non-parametric techniques applied to psychological data; (iii) Laboratory: three hours a week devoted to experiments and demonstrations that relate to the course as a whole.

This course is designed to provide an intensive study of the fundamental psychological processes. The topics covered include learning, perception, thinking and remembering, motivation and emotion. While emphasis will be placed on contemporary behaviour theories, there will of necessity be some historical orientation. A section of the course will deal with comparative studies.

Basic reading:

- Hebb, D. O., *A text-book of psychology* (Saunders).
 Hilgard, E. R., *Theories of learning*, 2nd edition (Appleton-Century).
 Guilford, J. P., *Fundamental statistics in psychology and education*, 2nd edition (McGraw-Hill).
 Siegel, S., *Non-parametric statistics* (McGraw-Hill).
 Waters, R. H., Rethlingshafer, D. A., and Caldwell, W. E., *Principles of comparative psychology* (McGraw-Hill).
 Woodworth, R. S., and Schlosberg, H., *Experimental psychology* (Holt).

83. Psychology IIB.**Developmental Psychology.**

Pre-requisite: Psychology I (81).

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Psychometrics: one lecture a week in the first and second terms on statistical techniques, which will include parametric and non-parametric methods, and experimental design as applied to developmental data and problems; (iii) Laboratory: an average of three hours a week in the first and second terms including clinical demonstrations, observation and assessment, and experimental work relating to psychological testing, group behaviour, environmental restriction and the development of basic psychological processes.

This course is intended to provide a more intensive study of individual differences and social processes within the framework of developmental theory; and an introduction to third-year work on general and social psychological theory.

Basic psychological processes: motivation, emotion, perception, learning, thinking and language will be treated developmentally. Consideration will be given to the determinants of the development of intelligence, personality and social behaviour.

Development from infancy to senescence will be dealt with in the light of general, clinical and social psychological evidence relating to some of the special problems of various developmental stages and to deviant behaviour.

Preliminary reading:

- Barnett, A., *The human species* (Pelican).
 Crow, L. D., and Crow, A., *Child psychology* (Barnes and Noble).
 Hall, C. S., *A primer of Freudian psychology* (Allen and Unwin).
 Mead, M., *Coming of age in Samoa* (Pelican); or
 Mead, M., *Growing up in New Guinea* (Pelican).

Text-books:

- Thompson, G. G., *Child psychology* (Houghton Mifflin).
 Zubek, J. P., and Solberg, P. A., *Human development* (McGraw-Hill).
 Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).
 Siegel, S., *Nonparametric statistics* (McGraw-Hill).

Reference books:

- Pressey, S. L., and Kuhlen, R. G., *Psychological development through the lifespan* (Harper).
 Carmichael, L. (ed.), *Manual of child psychology*, 2nd edition (Wiley).
 Cronbach, L. J., *Essentials of psychological testing* (Harper).
 Welford, A. T., *Ageing and human skill* (O.U.P.).
 Hall, C. S., and Lindzey, G., *Theories of personality* (Wiley).

84. Psychology IIIA.

Pre-requisite: Psychology IIA (82) or IIB (83).

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Psychometrics: one two-hour lecture/work period on advanced psychometrics and problems of research design a week; (iii) Practical: an average of six hours a week devoted to experiments, psychological assessments and clinical work in relation to the main content of the course. As part of the practical work, the student will be required to complete a minor research project on a psychological problem.

The examination will consist of three 3-hour papers together with practical notebooks and report of research project.

This advanced course of study will be organized around the themes of personality and experimentally based theories of normal and abnormal behaviour.

The course will have reference to three fields of study:

- (a) Experimental and Comparative Psychology: laboratory study of basic psychological processes; investigations of animal behaviour with particular reference to the relevance of such studies for an understanding of human behaviour, both normal and abnormal.
- (b) Personality study: theories of personality and methods of assessment, including experimentally based laboratory procedures.
- (c) Abnormal Psychology: normality/abnormality; classification and theory of behaviour disorders; psychological deficit; mental deficiency; problems of assessment and therapy.

Reference books:

- Hebb, D. O., *The organisation of behaviour* (Wiley).
 Pavlov, I. P., *Lectures on conditioned reflexes* (O.U.P.).
 Stevens, S. S., *Handbook of experimental psychology* (Wiley).
 Waters, R. H., Rethlingshafer, D. A., and Caldwell, W. E., *Principles of comparative psychology* (McGraw-Hill).
 Osgood, C. E., *Method and theory in experimental psychology* (O.U.P.).
 Eysenck, H. J., *Dynamics of anxiety and hysteria* (Kegan Paul).

85. Psychology IIIB.

(Social psychology)

Pre-requisite: Psychology IIA (82) or IIB (83).

The course comprises (i) Theory: two lectures and one tutorial a week; (ii) Psychometrics: one lecture a week concerned with various approaches to the measurement of social behaviour as well as particular statistical techniques. Topics will include: the methodology of laboratory and field studies; group observation and sociometric techniques; sampling and survey methods; scaling; (iii) Laboratory and field studies: an average of six hours a week in first and second terms, and students will also be required to carry out an independent investigation.

The course covers theory and method in social psychology and in closely related fields. Topics include: the development and disintegration of groups, group structure and its effects on group and individual behaviour, cohesiveness, power, communication, social perception, norms, and roles. The third term's theory lectures are concerned with an analysis of general theoretical systems.

Preliminary reading:

- Sprott, W. J. H., *Human groups* (Pelican).
 Argyle, J. M., *The scientific study of social behaviour* (Methuen).

Reference books:

- Lindzey, G. (ed.), *Handbook of social psychology*, Vols. 1 and 2 (Addison-Wesley).
 Festinger and Katz (eds.), *Research methods in the behavioural sciences* (Dryden).

87. Psychology for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor of Psychology before beginning their second year's work. They will be required:

- (a) To pass in Psychology I, IIA, IIB, IIIA, IIIB; courses I and II in another subject for the Ordinary degree; and one additional course. A candidate who does not present course I in a language other than English as one of the three elective courses must pass an examination in such a language approved by the Faculty.
- (b) To pass in the third or fourth year in History of Psychology, parts A and B.
- (c) To undertake a fourth year of honours work including lectures, prescribed reading, discussions, and the presentation of a paper embodying the results of an empirical investigation with emphasis on organisation, design and method, together with a survey of the literature relevant to the problem chosen.

History of Psychology—A.

A directed reading course for Honours students only.

The history of Psychology during the nineteenth and twentieth centuries.

Reference books:

- Flugel, J. C., *A hundred years of psychology*.
 Murphy, G., *An historical introduction to modern psychology* (Duckworth).
 Roback, A. A., *History of American psychology* (Kegan Paul).
 Boring, E. G., *The history of experimental psychology* (Allen and Unwin).
 James, W., *Principles of psychology*, Vols. 1 and 2 (Macmillan).
 Murchison, C. A., and others (eds.), *History of psychology in autobiography*, Vol. IV (Clark U.P.).

History of Psychology—B.

A directed reading course for Honours students only. A critical study of a selection of common terms in psychological theory in their historical context, and the philosophical assumptions on which they are based.

- (a) Perception and cognition: Perception, knowledge, understanding, intelligence, sensation, impression, idea, reason.
- (b) Motivation and emotion: Conation, will, drive, feeling, id, orexes, emotion, instinct.
- (c) Personality: Person and persona, self, ego, super ego.
- (d) Methodology: True, false, probable, define, number, function, empirical, logical, necessary, contingent, sufficient.

Reference books:

- Lafitte, P., *The person in psychology* (Routledge and Kegan Paul).
 Russell, B., *The analysis of mind* (Allen and Unwin).
 Ryle, G., *The concept of mind* (Hutchinson).
 Wisdom, J., *Philosophy and psychoanalysis* (Blackwell).
 Marx, M. H., *Psychological theory* (Macmillan).

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. In Geography I there will be two pass standards, a higher and a lower.

No student proceeding to a degree may, without special permission, take the course in Geography II until he has passed in the final examination in Geography I at the higher standard, or the course in Geography III until he has passed the final examination in Geography II. Those students proceeding to the Ordinary degree of B.A. who intend to take all three courses in Geography are strongly recommended to take the course in Geology I as their science subject.

There is also a one-year course, of first-year standard, in Economic Geography, which may not be counted in addition to Geography I and does not qualify for admission to the class in Geography II. It is a compulsory course for students proceeding to the Honours degree of Bachelor of Arts in the School of Economics, and it is recommended for Economics students who wish to present only one course in Geography as part of their plan of study for the Ordinary degree of Bachelor of Economics.

91. Geography I.

Regional differentiation of the world; physical structure, climate, soils, and natural vegetation patterns; the nature and distribution of population; utilization of land and other resources; relation between economic activities and cultural level of the inhabitants.

PRACTICAL WORK: Interpretation of topographic maps; preparation of selected graphs and diagrams. At least two field excursions will be held from which a geographic study of one area is to be prepared.

Text-books:

- Finch, V. C., Trewartha, G. T., Robinson, A. H., and Hammond, E. H., *Elements of geography, physical and cultural*, 4th edition (McGraw-Hill); or
James, P. E., and Kline, H. V. B., *Geography of man*, 2nd edition (Ginn).
Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).

Reference books:

- Bowman, I., *Pioneer fringe* (American Geographical Society).
Bowman, I., *The Andes of Southern Peru* (American Geographical Society).
Brunhes, J., *Principles of human geography*, new English edition (Harrap, 1952).
Bygott, J., *Mapwork and practical geography* (University Tutorial Press).
Calder, Ritchie, *Men against the desert* (Allen and Unwin).
Calder, Ritchie, *Men against the jungle* (Allen and Unwin).
Cressey, G., *Land of the 500 million* (McGraw-Hill).
Davis, D. H., *The earth and man* (Macmillan).
East, G., *The historical geography of Europe* (Methuen).
Forde, C. D., *Habitat, economy and society* (Methuen).
Kellogg, C. E., *The soils that support us* (Macmillan).
Kish, G. (ed.), *An introduction to world geography* (Prentice-Hall).
Newbigin, M., *The Mediterranean lands* (Christophers).
Pelzer, K., *Pioneer settlement in the Asiatic tropics* (American Geographical Society).
Petterssen, S., *Introduction to meteorology*, 2nd edition (McGraw-Hill).
Price, A. G., *White settlers in the tropics* (American Geographical Society).
Russell, R. J., and Kniffen, F. B., *Culture worlds* (Macmillan).
Unstead, J. F., *A world survey* (London U.P.).
U.S.A. Department of Agriculture Year Books, 1938 and 1948.
Vidal de la Blache, P., *Principles of human geography* (Constable).
Wells, H. G., *The outline of history* (Cassell).
Wooldridge, S. W., and Morgan, R. S., *The physical basis of geography* (Longmans).

Other references will be prescribed by the lecturers.

92. Geography II.

A. **PHYSICAL GEOGRAPHY:** Basic principles of physical meteorology, geomorphology and biogeography.

B. **HUMAN GEOGRAPHY:** Principles of political and economic geography; historical geography of Australia.

C. **REGIONAL GEOGRAPHY:** (North America or Europe). An introductory discussion of the regional concept; regional-economic geography, its basis and function. A general treatment of the physical factors of the environment; physiography, climate and soils, emphasizing their relationship to the development of human activity.

The regional-economic picture of land utilisation, including agriculture, industry and commerce; historical factors influencing settlement; an analysis of the current economic activity and national and local policies regarding future development.

D. **PRACTICAL WORK:** Tutorials will be given in geomorphology, climatology and statistics. Practical work in cartography will be carried out during the year. Excursions and field exercises will be held on occasional Wednesday afternoons and on Saturdays during the year.

Text-books:

- Peterssen, S., *Introduction to meteorology*, 2nd edition (McGraw-Hill).
 Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilization in Australia*, 3rd edition (M.U.P.).
 Pounds, N. J. G., *Europe and the Mediterranean* (McGraw-Hill); or
 White, C. L., and Foscue, E. J., *Regional geography of Anglo-America*, 2nd edition (Prentice-Hall).

Reference books:

- A. Cotton, C. A., *Geomorphology* (Whitcombe and Tombs).
 Robinson, G. W., *Soils, their origin, constitution and classification*, 3rd edition, reprint (Murby, and Allen and Unwin, 1951).
 Trewartha, G., *An introduction to climate* (McGraw-Hill).
- B. C.S.I.R.O., *The Australian environment* (C.S.I.R.O., Melbourne).
Atlas of Australian resources (Department of National Development, Canberra).
Year Book of the Commonwealth of Australia (Commonwealth Bureau of Census and Statistics, Canberra).
- C. (i) Europe
 Shackleton, M. R., *Europe*, 4th edition (Longmans).
 Stamp, L. D., and Beaver, S. H., *British Isles* (Longmans).
 East, G., *Historical geography of Europe* (Methuen).
 Fitzgerald, W., *The new Europe* (London).
 Smith, W., *An economic geography of Great Britain*, 2nd edition (London).
 Gottman, J., *A geography of Europe*, 2nd edition (Holt, 1955).
 Dickinson, R. E., *Germany* (Methuen).
 Unstead, J. F., *A systematic regional geography*, 2nd edition, Vol. 2, *Europe* (U.L.P.).
 Kubišna, W. L., *The soils of Europe*, Madrid, 1953 (Murby).
 Smailes, A. E., *North England* (Nelson, 1960).
- or
- (ii) North America
 Smith, J. R., and Phillips, O., *North America* (Holt).
 Putnam, Donald F., *Canadian regions* (Crowell).
 Pounds, N. J. G., *North America* (Murray, 1955).
 Miller, G. J., Parkins, A. E. and Hudgins, B., *Geography of North America* (Wiley).
 Freeman, O. W., and Martin, H. H., *The Pacific northwest: An overall appreciation* (Wiley).
 Visher, S. S., *Climatic atlas of the United States* (Harvard U.P.).
 Zierer, C. M., *California and the south west* (Wiley, 1956).

- D. Monkhouse, F. J., and Wilkinson, H. R., *Maps and diagrams* (Methuen, 1952).
 Debenham, F., *Map making* (Blackie).
 Steers, J. A., *An introduction to the study of map projections* (Bickley, Kent, Univ. of London).
 Higgins, A. L., *Elementary surveying* (Longmans).
 Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).

Other texts and current publications will be prescribed by the lecturers.

93. Geography III.

Students will be required to select one course from each of the following groups: A, B, C.

A. PHYSICAL GEOGRAPHY: Geomorphology; climatology; biogeography.

B. HUMAN GEOGRAPHY: Anthropogeography; economic and urban geography; political and historical geography.

C. REGIONAL GEOGRAPHY: In 1961 courses will be given on the following regions: China; U.S.S.R. or Japan; South-East Asia or India and Pakistan.

D. PRACTICAL: Two field camps will be held in 1961; one before the beginning of the first term—February 24 to March 3; one in the first week of the May vacation—May 14 to May 20. All students should contact the Department of Geography before February 15, 1961.

Reference books:

- Haurwitz and Austin, *Climatology* (McGraw-Hill).
 Sparks, W. B., *Geomorphology* (Longmans, 1960).
 Price, A. Grenfell, *White settlers in the tropics* (New York, 1939).
 De Castro, J., *Geography of hunger* (London, 1952).
 Kolarz, W., *The peoples of the Soviet Far East* (London, 1954).
 Cressey, G. B., *Asia's lands and peoples* (New York, 1954).
 East, W. G., and Spate, O. H. K., *The changing map of Asia* (London, 1950).
 Zinkin, M., *Asia and the West* (I.P.R., 1953).
 Ball, W. Macmahon, *Nationalism and communism in East Asia* (I.P.R., 1953).
 Weigert, H. W., and others, *New compass of the world* (London, 1949).
 Thomas, W. L. (ed.), *Man's role in changing the face of the earth* (Chicago U.P., 1955).
 Fryer, D., *Indonesia* (Longmans).
 Spate, O. H. K., *India and Pakistan* (Methuen).
 Shabad, T., *Geography of the U.S.S.R.*
 Baransky, N., *Economic geography of the U.S.S.R.* (Moscow, 1956).
 Gregory, J. S., and Shave, D. W., *The U.S.S.R.: A geographical survey* (Wiley).
 Trewartha, G. T., *Japan* (Wisconsin U.P., 1947).
 Cohen, J. B., *Japan's economy in war and reconstruction* (London, 1949).
 Shabad, T., *China's changing map* (Methuen, 1956).
 Adler, S., *The Chinese economy* (Routledge, 1957).
 Cressey, G. B., *Land of the 500 million* (McGraw-Hill).
 Hartshorne, R., *The nature of geography* (Association of American Geographers, 1958).
 Ginsburg, N., *The pattern of Asia* (Prentice-Hall).
 Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).

95. Economic Geography.

A course of two lectures and one tutorial a week throughout the academic year dealing with the field and function of Economic Geography.

NATURAL ENVIRONMENT—a brief outline.

Elements of the natural landscape, their world distribution and influence upon economic activities; climatic regions and their associated natural vegetation and human occupation.

ECONOMIC ACTIVITIES—A detailed study.

Nature of wants and resources; distribution of population; factors affecting land utilisation; the agricultural economies of the world; agricultural production of the principal foods and raw materials; fisheries of the world; world timber resources and utilisation; mining and industrial power supply; manufacturing industries, the main groups of industry, factors of location, development in Europe, North America, Asia and Australia; transport and trade, with special reference to Australia, Britain and U.S.A.

Books:**A. Text-book:**

Jones, C. F., and Darkenwald, G. G., *Economic geography*, revised edition (Macmillan).

B. Reference books:

Zimmerman, E. W., *World resources and industries* (Harper, 1951).
Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilization in Australia* (M.U.P.).

Shaw, E. B., *World economic geography* (Wiley).

Oxford economic atlas of the world (O.U.P.).

Commonwealth Year Books (Commonwealth Government Printer).

Bartholomew, *The comparative atlas* (Meiklejohn).

Smith, Wilfred, *An economic geography of Great Britain*, 2nd edition (Methuen).

Meier, Richard L., *Science and economic development* (Wiley).

Further selected readings of geographical and other publications will be prescribed by the lecturer.

98. Geography for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor before the beginning of their second year's work; they will be required:

- (a) To pass in eight subjects as prescribed for the ordinary degree of B.A.:
Geography I, II and III;
Courses I, II, III in History, Economics or some other subject approved by the Faculty, provided that a candidate who wishes to present Geology II may do so in lieu of Course III in this subject;
Course I in a language other than English;
Course I of any Science subject specified in Regulation 2;
- (b) To undertake such Honours work as may be required in connection with the courses in Geography;
- (c) To undertake a fourth year of Honours work including tutorial discussions, written examinations, and a field study on a selected geographical problem.

EDUCATION**ASSOCIATE IN ARTS AND EDUCATION****101. Education.**

This course consists of lectures and tutorial work on the theory and the history of education.

There is no prescribed text-book, but students are expected to read the following books:

History of Education:

Boyd, W., *History of western education* (Black).

Curtis and Boulwood, *A short history of educational ideas* (University Tutorial Press).

Monroe, P., *Brief course in the history of education* (Macmillan).

Cubberley, E. P., *History of education* (Mifflin).

Butts, R. F., *A cultural history of education* (McGraw-Hill).

Eby, F., *The development of modern education* (Prentice-Hall).

- Eby, F., and Arrowood, C. F., *History and philosophy of education, ancient and medieval* (Prentice-Hall).
 Brubacher, *A history of the problems of education* (McGraw-Hill).
 Barnard, H. C., *A short history of English education* (U.L.P.).
 Butts, R. F., *Assumptions underlying Australian education* (A.C.E.R.).
 Dewey, J., *School and society* (University of Chicago Press).
 Portus, G. V., *Free, compulsory and secular: a critical estimate of Australian education* (O.U.P.).
Our schools, Current Affairs Bulletin, August 1954 (University of Sydney).
 Rusk, R. R., *The doctrines of the great educators* (Macmillan).
The independent schools of Australia, Current Affairs Bulletin, December 1957 (University of Sydney).

Theory of Education:

- Plato, *Republic* (Cornford).
 Rousseau, J. J., *Emile* (Everyman).
 Nunn, P. T., *Education: its data and first principles*.
 Whitehead, A. N., *The aims of education*.
 Dewey, J., *The school and the child*.
 Mannheim, K., *Diagnosis of our time*.
 Clarke, F., *Freedom in the educative society*.
 Jeffreys, M. V. C., *Glaucon*.
 Jeffreys, M. V. C., *Education: christian or pagan?*
 Niblett, W. R., *Essential education*.
 Niblett, W. R., *Education and the modern mind*.
 Livingstone, R. W., *On education*.
 Russell, B., *On education*.
 Walsh, W., *The use of imagination*.
 Hoggart, R., *The uses of literacy*.
 Riesman, D., *The lonely crowd*.
 Hourd, M. L., *The education of the poetic spirit*.
 Burn, M., *Mr. Lyward's answer*.
 Neill, A. S., *The problem child*.

102. Educational Psychology IA.

Candidates should consult the syllabus for Educational Psychology I (116) under the Old Regulations for the Diploma in Education (see below).

103. Practical Teaching and Methodology.

Candidates should consult the following syllabuses under the Old Regulations for Diploma in Education (see below):

- 106 and 107A. Principles of Pre-Primary Education I and IIA; or
 109 and 110A. Principles of Primary Education I and IIA; or
 112 and 113A. Principles of Secondary Education I and IIA.
 119. Practical Teaching.

DIPLOMA IN EDUCATION (OLD REGULATIONS)

105. Hygiene.

This course consists of one lecture a week for three terms. After an introduction on objectives, definitions, and sources of information the subject is divided as follows:

PERSONAL HYGIENE—This part includes the hygiene of the skeletal, muscular, respiratory, circulatory, digestive, nervous, endocrine, and genito-urinary systems; the hygiene of the eye, ear, nose, throat, teeth, and skin; and the principles of nutrition and heredity.

COMMUNITY HYGIENE—This part includes a reference to public health organisation in South Australia and to other public bodies interested in social welfare. It also includes discussions on the sanitary requirements of buildings, control of infection and infectious diseases, ventilation, the effect of sunlight, the care and preservation of food, the disposal of refuse, insects of public health interest, and rural and domestic sanitation.

Text-books:

- Williams, J. F., *Personal hygiene applied* (Saunders).
 Abbie, A. A., *Human physiology* (Angus and Robertson).
 Davies, M. B., *Hygiene and health education for training colleges* (Longmans).

106, 107A, 107 and 108. Principles of Pre-Primary Education.

Candidates for the Diploma in Education must take courses 106, 107 and 108.

Candidates for the Associateship in Arts and Education may take course 107A instead of 107. For the purpose of the Associateship students who have passed in course 107 will be deemed to have passed in 107A. Students who have passed in course 107A and wish subsequently to proceed to the Diploma in Education must take the full course 107.

106. Principles of Pre-Primary Education I.

Pre-primary school aims, organisation and methods with special consideration of the development of children from birth to the age of eight.

Books prescribed for reading:

- Hume, E. G., *Learning and teaching in the infants' school* (Longmans).
 Anderson, Marion, and others, *Activity methods for children under eight* (Evans).
 Bell, Vicars, *On learning the English tongue* (Faber).

Reference books:

- Arrowsmith, G., and others, *Reading: an educational approach* (Evans).
 Isaacs, Susan, *The nursery years* (Routledge and Kegan Paul).
 Kenwick, E. E., *Number in the nursery and infant school* (Paul, Trench and Trubner).
 Simpson, D., and Alderson, D., *Creative play in the infants' school* (Pitman).
 Schonell, F. J., *Psychology and teaching of reading* (Oliver and Boyd).

107A. Principles of Pre-Primary Education IIA.

A study of the historical development of the infant school in England and in South Australia, leading to a consideration of the individual child and to remedial work.

Books prescribed for reading:

- Curtis, S. J., and Boultonwood, M. E. A., *A short history of educational ideas* (University Tutorial Press).
 Highfield, Miriam, *The young school failure* (Oliver and Boyd).
 Rusk, R. R., *History of infant education* (U.L.P.).

Reference books:

- Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).

107. Principles of Pre-Primary Education II.

This course consists of course 107A and in addition a more detailed study of the topics dealt with in course 106.

A study of the historical development of the Infant School in England and in South Australia during the nineteenth and twentieth centuries leading to a consideration of the function of the infant school; a more detailed consideration of aims and methods of teaching and class and school management; typical modern developments in educational practice—audio-visual education, the library in the infant school, education of handicapped children, parent co-operation in education.

Books prescribed for reading:

- Curtis, S. J., and Boultonwood, M. E. A., *A short history of educational ideas* (University Tutorial Press).
 Highfield, Miriam, *The young school failure* (Oliver and Boyd).
 Gardner, D., *Testing results in the infants' school* (Methuen).
 Grassam, E. H., *Getting ready for reading; teachers' manual* (Ginn).
 Mellor, Edna, *Education through experience in the infant school years* (Blackwell).

Rusk, R. R., *History of infant education* (U.L.P.).
National Council for Social Studies, Mary Willcockson (ed.), *Social education of young children*, 2nd revised edition, 1956.

Reference books:

Sampson, G., *English for the English* (C.U.P.).
Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).
Strang, R. M., *Introduction to child study* (Macmillan).

108. Principles of Pre-Primary Education III.

The evolution and function of the infant school in relation to the present social background; a comparative study of English, American and local systems; current problems and modern developments in infant education with some reference to research and experimental work.

Reading additional to the prescribed books will be suggested.

Books prescribed for reading:

Great Britain, Board of Education, *Infant and nursery school report* (H.M.S.O.).
Scottish Education Department, *Primary education* (H.M.S.O.).
Lawrence, E., *Friedrich Froebel and 100 years of English education* (U.L.P.).
Davey, C. M., *Children and their lawmakers*.
Jersild, A. T., *Child psychology* (Prentice-Hall).
Brown, V. D. (ed.), *The experience of poetry in school* (O.U.P.).

109, 110A, 110 and 111. Principles of Primary Education.

Candidates for the Diploma in Education must take courses 109, 110 and 111.

Candidates for the Associateship in Arts and Education may take course 110A instead of 110. For the purpose of the Associateship students who have passed in course 110 will be deemed to have passed in 110A. Students who have passed in course 110A and wish subsequently to proceed to the Diploma in Education must take the full course 110.

109. Principles of Primary Education I.

A general survey of primary school aims, organization and methods.

Books prescribed for reading:

Austin, Frances M., *The art of questioning in the classroom* (U.L.P.).
Hughes, A. G. and E. H., *Learning and teaching* (Longmans, Green and Co.).
Elijah, J. W., and Cole, J. A., *The principles and technique of teaching* (Whitcombe and Tombs).
Jeffreys, M. V. C., *History in schools* (Pitman).
Geography in the primary school, Report of the Geographical Association, Manchester, November, 1949.
Keith and Robertson, *The principles of arithmetic* (Blackie).
Reeves, J., *Teaching poetry* (Heinemann).
Ellwood, W. H., *A handbook for the elementary school teacher* (Whitcombe and Tombs).

Reference books:

Lancelot, W. H., *Permanent learning* (Wiley).
Glover, A. H. T., *New teaching for a new age* (Nelson).
Gopsill, G. H., *The teaching of geography* (Macmillan).
Polkinghorne, R. K., and M. I. R., *Fundamental number teaching* (Harrap).
Education Department of South Australia, *Arithmetic handbook for teachers in primary schools*.
Evans, L., *Teaching history* (Cheshire).

110A. Principles of Primary Education IIA.

A study of the historical development of the primary school in England and South Australia during the nineteenth and twentieth centuries, in so far as it leads to a consideration of the function of the primary school in catering for the individual in the educative process; modern developments in educational practice which take cognizance of individual differences, such as educational tests and measurements, experience through activity and the uses to which educational broadcasts may be put.

A general survey of the nature, value and the teaching of social studies in the primary school leading to a consideration of the relationship of the individual to society.

Books prescribed for reading:

- Pollard, H. M., *Pioneers of popular education* (Murray).
 French, E. L., *Melbourne studies in education* (M.U.P.).
 Daniel, M. V., *Activity in the primary school* (Blackwell).
 Glassey, W., and Weeks, E. J., *The educational development of children* (U.L.P.).
 Dray, Joan, and Jordan, D., *A handbook of social studies* (Methuen).
 Washburne, C., *Adjusting the school to the child* (World Book Co.).

Reference books:

- Curtis, S. J., *History of education in Great Britain*.
 Smeaton, T. H., *Education in South Australia from 1836 to 1927*.
 Hemming, J., *The teaching of social studies in secondary schools* (Longmans, Green and Co.).
 Rusk, R. R., *The doctrines of the great educators* (Macmillan).

110. Principles of Primary Education II.

This course consists of course 110A and in addition a course of one lecture a week for three terms.

A study of the historical development of the primary school in England and South Australia during the nineteenth and twentieth centuries leading to a consideration of the function of the primary school; a more detailed consideration of aims and methods of teaching and class and school management; educational tests and measurements; typical modern developments in educational practice—visual education, school libraries, individual methods, cumulative records.

The aims and methods of teaching English and arithmetic will receive special consideration.

Books prescribed for reading:

- Pollard, H. M., *Pioneers of popular education* (Murray).
 French, E. L., *Melbourne studies in education* (M.U.P.).
 Daniel, M. V., *Activity in the primary school* (Blackwell).
 Dray, Joan, and Jordan, D., *A handbook of social studies* (Methuen).
 Glassey, W., and Weeks, E. J., *The educational development of children* (U.L.P.).
 Washburne, C., *Adjusting the school to the child* (World Book Co.).
 Sussams, T. W., *Poetry and the teacher* (Nelson).
 Sampson, G. O., *English for the English* (O.U.P.).
 Schonell, F., *The psychology and teaching of reading* (Oliver and Boyd).
The teaching of mathematics in primary schools. A report prepared for the Mathematical Association (Bell).
 Schonell, F. J., and F. E., *Diagnosis and remedial teaching in arithmetic* (Oliver and Boyd).
 Cutforth, J. A., *English in the primary schools* (Blackwell).

Reference books:

- Hemming, J., *The teaching of social studies in secondary schools* (Longmans, Green and Co.).
 Dent, H. C., *Education Act, 1944*.
 Curtis, S. J., *History of education in Great Britain*.
 Smeaton, T. H., *History of education in South Australia*.
 Great Britain, Board of Education, *Handbook of suggestions for teachers*, latest edition.
 Rusk, R. R., *The doctrines of the great educators* (Macmillan).
 Hartog, Sir Philip, *Words in action* (U.L.P.).

111. Principles of Primary Education III.

The function of the primary school considered in relation to the present social background; a comparative study of the English and local systems; current problems and modern developments in primary education, with some experimental work.

The course will be conducted by the seminar method, and readings additional to the prescribed books will be suggested.

Books prescribed for reading:

Great Britain, Board of Education, *The primary school* (H.M.S.O.).

Scottish Education Department, *Primary education* (H.M.S.O.).

University of London Institute of Education, *Studies in Education, No. 6, The problems of secondary education today* (Evans).

Fairgrieve, J., *Geography in school* (U.L.P.).

Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).

Wilson, G. M., Stone, M. B., and Dalrymple, C. D., *Teaching the new arithmetic* (McGraw-Hill).

Fleming, C. M., *Research and the basic curriculum* (U.L.P.).

Wesley, E. B., and Adams, Mary A., *Teaching social studies in elementary schools* (Heath).

112, 113A, 113 and 114. Principles of Secondary Education.

Candidates for the Diploma in Education must take courses 112, 113 and 114.

Candidates for the Associateship in Arts and Education may take course 113A instead of 113. For the purpose of the Associateship students who have passed in course 113 will be deemed to have passed in 113A. Students who have passed in course 113A and wish subsequently to proceed to the Diploma in Education must take the full course 113.

112. Principles of Secondary Education I.

General survey of school aims, organizations and methods, with special consideration of primary schools.

A more detailed survey of the principles of teaching English, social studies, mathematics and general science, with particular reference to primary schools.

Reference books:

Great Britain, Scottish Education Department, *Primary education* (H.M.S.O.).

Great Britain, Board of Education, *Handbook of suggestions for teachers* (H.M.S.O., 1937).

Melvin, A. G., *General methods of teaching* (McGraw-Hill).

Kennedy, *The teacher in the making* (Oliver and Boyd).

Sampson, G. O., *English for the English* (C.U.P.).

Hemming, J., *The teaching of social studies in secondary schools* (Longmans, Green and Co.).

Keith and Robertson, *The principles of arithmetic* (Blackie).

The teaching of mathematics in primary schools. A report prepared for the Mathematical Association (Bell).

Harris, T. Y., *The teaching of nature study* (A.C.E.R.).

113A. Principles of Secondary Education IIA.

A particular study of three or more subjects taught in secondary schools: the place of these subjects in the curriculum (including some historical reference); the aims and methods of teaching them; practical problems associated with the teaching.

Students taking Principles of Secondary Education IIA should consult the lecturers in the various secondary school subjects early in the academic year for reading lists.

113. Principles of Secondary Education II.

This course consists of Principles of Secondary Education IIA, and in addition a course of lectures (one a week for three terms) which aims to provide some historical background to secondary schools and their organization and purpose, in England and South Australia.

The study will include: the growth of the movement towards secondary education for all in England and the problems it has brought; the question of universal secondary education in Australia and in South Australia; the growth of secondary institutions in England and South Australia; the evolution of secondary curricula; secondary school problems and attempts to solve them; comparison of the secondary school system of one other Australian State with that of South Australia; some considerations of "further education" in England, Scandinavia and South Australia.

Books prescribed for reading:

- Great Britain, Board of Education, *Report of the consultative committee on the education of the adolescent* (Hadow Report) (H.M.S.O.).
- Great Britain, Board of Education, *Report of the consultative committee on secondary education* (Spens Report) (H.M.S.O.).
- Great Britain, Board of Education, *Report of the committee of the secondary school examinations council—curriculum and examinations in secondary schools* (Norwood Report) (H.M.S.O.).
- Great Britain, Board of Education, *Report of the committee on public schools—the public schools* (Fleming Report) (H.M.S.O.).
- Scottish Education Department, *Secondary education, a report of the advisory council on education in Scotland* (H.M.S.O.).
- The future of secondary education in Wales* (1949) (Central Advisory Council for Education, Wales).
- The new secondary education*. British Ministry of Education Pamphlet No. 9 (H.M.S.O.).
- South Australian Inquiry Committee, *Final report* (1949).
- New South Wales Department of Education, *Report of the committee appointed to survey secondary education in New South Wales* (1957).
- Dent, H. C., *Secondary education for all: origins and development in England* (Routledge).
- Barnard, H. C., *A short history of English education from 1760 to 1944* (U.L.P.).
- Banks, O., *Parity and prestige in English secondary education* (Routledge).
- Nisbet, S., *Purpose in the curriculum* (U.L.P.).

114. Principles of Secondary Education III.

More advanced course of directed reading, seminar exercises, essays and reviews, embracing: the growth of secondary education in Great Britain during the nineteenth and twentieth centuries; a comparison of the systems, aims and problems of secondary education in the leading countries of western Europe, U.S.A. and Australia; special consideration of aims and methods of teaching in one approved subject.

116. Educational Psychology I.

An introductory course dealing with the nature of the learner and of the learning process.

The course will be developed as follows:

- I. Preliminary section.
Educational psychology: field, methods, relationship to psychology.
- II. The nature of the learner and of the learning process.
Personality and individual differences; origins of behaviour; physical, emotional, social, moral and intellectual development; theories of learning; principles of learning; the nature of concept formation, language development and thinking and their significance.

III. Special topics.

Appraisal of the learner; teacher-centred and child-centred approaches to the learning situation; mental hygiene in the class-room.

Text-books:

- Eysenck, H. J., *The uses and abuses of psychology* (Pelican).
(This book should be read before the beginning of lectures.)
Lindgren, H. C., *Educational psychology in the class-room* (Wiley).
Blair, G. M., Jones, R. S., and Simpson, R. H., *Educational psychology* (Macmillan).

Reference books:

- Peel, E. A., *The psychological basis of education* (Oliver and Boyd).
Thompson, G. C., *Child psychology—growth trends in psychological adjustment* (Houghton, Mifflin).
Crow, L. D., and Crow, A., *Educational psychology*, revised edition (American Book Co.).
Valentine, C. W., *The normal child* (Pelican).
Smith, H. P., *Psychology in teaching* (Prentice-Hall).
Oeser, O. A. (ed.), *Teacher, pupil and task* (Tavistock).
Other references will be given during the course.

117. Educational Psychology II.

A more advanced course dealing with the nature of the learner and of the learning process, with special reference to their bearing on educational practice. Some knowledge of research findings relevant to the various topics of the course will be required.

The framework of the course will be as follows:

- I. The nature of the learner as a developing organism: physical, intellectual, emotional and social development.
- II. The nature of the learning process: theories of learning; reward, punishment, retention, transfer, motivation, etc., with special reference to classroom situations.
- III. Further aspects of educational practice: assessment (including elementary statistical techniques); group dynamics in the classroom; educational and vocational guidance; the gifted child; backwardness and subnormality; maladjustment, behaviour problems, delinquency, etc.

Text-books:

- Pressey, S. L., Robinson, F. R., and Horrocks, J. E., *Psychology in education* (Harper).
Peel, E. A., *The psychological basis of education* (Oliver and Boyd).
University of London Institute of Education, *Studies in Education No. 7: The bearings of recent advances in psychology on educational problems* (Evans).

Reference books:

- Remmers, H. H., Gage, N. L., and Rummel, J. F., *A practical introduction to measurement and evaluation* (Harper).
Oeser, O. A. (ed.), *Teacher, pupil and task* (Tavistock).
Cronbach, L. J., *Educational psychology* (Harcourt, Brace).
Prescott, D. A., *The child in the educative process* (McGraw-Hill).
Wallas, G., *The art of thought* (Cape).
Hunter, I. M. L., *Memory, facts and fallacies* (Pelican).
Thompson, G. C., *Child psychology—growth trends in psychological adjustment* (Houghton, Mifflin).
Kuhlen, R. G., *Psychology of adolescent development* (Harper).
Wall, W. D., *The adolescent child* (Methuen).
Wall, W. D., *Education and mental health* (U.N.E.S.C.O.).
Bernard, H. W., *Psychology of learning and teaching* (McGraw-Hill).
Bernard, H. W., *Mental hygiene for class-room teachers* (McGraw-Hill).

119. Practical Teaching.

The prescribed period of supervised teaching practice extends over an aggregate of at least ten weeks.

DIPLOMA IN EDUCATION (NEW REGULATIONS)

These courses will be offered for the first time in 1962.

Each of the four courses necessary for the diploma consists of lectures, seminars, tutorials and written work.

121. Theory of Education I.

The following books should be read:

- Plato, *Republic* (Cornford).
 Rousseau, J. J., *Emile* (Everyman).
 Nunn, P. T., *Education: its data and first principles*.
 Whitehead, A. N., *The aims of education*.
 Jeffreys, M. V. C., *Glaucon*.
 Jeffreys, M. V. C., *Education: christian or pagan?*
 Niblett, W. R., *Essential education*.
 Niblett, W. R., *Education and the modern mind*.
 Livingstone, R. W., *On education*.
 Russell, B., *On education*.
 Walsh, W., *The use of imagination*.
 Hoggart, R., *The uses of literacy*.
 Riesman, D., *The lonely crowd*.
 Hourd, M. L., *The education of the poetic spirit*.
 Burn, M., *Mr. Lyward's answer*.
 Neill, A. S., *The problem child*.

122. History of Education I.

The following books should be read:

- Boyd, W., *History of western education*.
 Monroe, P., *Brief course in the history of education*.
 Cubberley, E. P., *History of education*.
 Butts, R. F., *Assumptions underlying Australian education*.
 Portus, G. V., *Free, compulsory and secular: a critical estimate of Australian education*.
 Rusk, R. R., *The doctrines of the great educators*.
 Curtis, S. J., and Boultonwood, M.E.A., *An introductory history of English education since 1800*.
 Current Affairs Bulletins relating to education.

123. Sociology of Education I.

The following books should be read:

- Clarke, F., *Freedom in the educative society*.
 Mannheim, K., *Diagnosis of our time*.
 Mead, Margaret, *Growing up in New Guinea*.
 Dent, H. C., *Education in transition*.
 Lester Smith, W. O., *To whom do schools belong?*
 Ottaway, A. K. C., *Education and society*.
 Lowndes, C. A., *The silent social revolution*.
 Dewey, J., *The school and society*.
 Connell, W. F., *et al.*, *Growing up in an Australian city*.

124. Educational Psychology I.

The following books should be read:

- Pressey, S. L., Robinson, F. R., and Horrocks, J. E., *Psychology in education*.
 Peel, E. A., *The psychological basis of education*.
 University of London Institute of Education, *Studies in education 7: The bearings of recent advances in psychology on educational problems*.
 Oeser, O. A., *Teacher, pupil and task*.
 Wall, W. D., *Education and mental health*.
 Redl, F., and Wattenberg, W. W., *Mental hygiene in teaching*.
 Jenkins, G. G., Shacter, H., and Bauer, W. W., *Those are your children*.
 Remmers, H. H., Gage, N. L., and Rummel, J. F., *A practical introduction to measurement and evaluation*.
 Bernard, H. W., *Psychology of learning and teaching*.

125. Practical Teaching and Methodology.

The prescribed period of supervised teaching practice extends over an aggregate of at least ten weeks.

There will be classes and seminars on the methods of presenting the several school subjects.

THE DEGREE OF MASTER OF EDUCATION

Each of the four courses necessary for the degree consists of lectures, seminars, tutorials and essay work.

131. Theory of Education II.

The following books should be read:

- Montaigne, M., *Essays*.
- Montaigne, M., *Du pedantisme*.
- Montaigne, M., *De l'institution des enfants*.
- Locke, J., *Thoughts on education*.
- Rousseau, J. J., *Emile*.
- Arnold, M., *Culture and anarchy*.
- Dewey, J., *The school and society*.
- McCallister, W. A., *The growth of freedom in education*.
- Whitehead, A. N., *The aims of education*.
- Judges, A. V. (ed.), *Education and the philosophic mind*.

The following books should be consulted:

- Plato, *Laws*.
- Lodge, R. C., *Plato's theory of education*.
- Nettleship, R. L., *The theory of education in Plato's Republic*.
- Aristotle, *Ethics*.
- Aristotle, *Politics*.
- Quintilian, *Institutio oratoria*.
- St. Augustine, *De magistro*.
- Erasmus, D., *De pueris statim ac liberaliter instituendis*.
- Vives, J. L., *De disciplinis*.
- Elyot, Sir Thomas, *The boke named the gouvernour*.
- Ascham, Roger, *The scholemaster*.
- Woodward, W. H., *Vittorino da Feltre and other humanist educators*.
- Barnard, H. C., *The little schools of Port-Royal*.
- Hughes, T., *Loyola and the educational system of the Jesuits*.
- Keatinge, M. W., *The great didactic of Comenius*.
- Milton, *Tractate of education*.
- Pestalozzi, J. H., *How Gertrude teaches her children*.
- Silber, Kate, *Pestalozzi: the man and his work*.
- Fichte, J. G., *Addresses to the German people*.
- Herbart, J. F., *The science of education*.
- Froebel, F., *Die menschenziehung*.
- Cavenagh, F. A., *James and John Stuart Mill on education*.
- Spencer, H., *Education, intellectual, moral and physical*.
- Newman, J. H., *Idea of a university*.
- Huxley, T. H., *A liberal education; and where to find it*.
- Dewey, J., *My pedagogical creed*.
- Montessori, M., *The Montessori method*.
- Whitehead, A. N., *Adventures of ideas*.
- Wordsworth, W., *The prelude*.
- Snyder, A. D. (ed.), *Coleridge on logic and learning*.
- Coleridge, S. T., *Aids to reflection*.
- Coleridge, S. T., *Biographia literaria*.
- Leavis, F. R., *Education and the universities*.
- Leavis, F. R., *Revaluation*.
- Santayana, G., *The life of reason*.
- Lawrence, D. H., *Letters*.

- Lawrence, D. H., *Education of the people*.
 Collingwood, R. G., *Philosophical method*.
 Coburn, K. (ed.), *The philosophical lectures of S. T. Coleridge*.
 Suttie, I. D., *The origins of love and hate*.
 Thring, E., *Theory and practice of teaching*.
 Stewart, C., *Quakers and education*.
 Castle, E. B., *Moral education in christian times*.
 Leavis, F. R., and Thompson, Denys, *Culture and environment*.
 Judges, A. V. (ed.), *Pioneers of English education*.

132. History of Education II.

The following books should be read:

- Archer, R. L., *Secondary education in the nineteenth century*.
 Simon, B., *Studies in the history of education*.
 Barnard, H. C., *A short history of English education*.
 Brubacher, J. S., *A history of the problems of education*.
 Cubberley, E. P., *Readings in the history of education*.
 Eby, F., *The development of modern education*.
 Eby, F., and Arrowood, C. F., *History and philosophy of education, ancient and medieval*.
 Curtis, S. J., *History of education in Great Britain*.

The following books should be consulted:

- Boyd, W., *The history of western education*.
 Butts, R. F., *A cultural history of western education*.
 Leach, A. F., *The schools of medieval England*.
 Adamson, J. W., *English education, 1760-1902*.
 Rashdall, H., *The universities of Europe in the middle ages*.
 Kandel, I. L., *History of secondary education*.
 Green, T. R., *A short history of the English people*.
 Leach, A. F., *Educational charters*.
 Smith, F., *A history of English elementary education*.
 Tawney, R. H., *Secondary education for all*.
 Good, H. G., *A history of American education*.
 Marrou, H. I., *A history of education in antiquity*.
 Freeman, K. J., *Schools of Hellas*.
 Fogarty, R., *Catholic education in Australia, 1806-1950*.
 Jarman, T. L., *Landmarks in the history of education*.
 Peterson, A. D. C., *A hundred years of education*.
 Reports, *The Hadow, Spens and Norwood reports*.
 Huxley, T. H., *Science and education*.
 Spencer, H., *Education*.
 Reisner, E. H., *Nationalism and education since 1789*.

133. Sociology of Education II.

The following books should be read:

- Warner W. L., et al., *Who shall be educated?*
 Dewey, J., *Democracy and education*.
 Clarke, F., *Education and social change*.
 Russell, B., *Authority and the individual*.
 Sprott, W. J. H., *Sociology*.
 Eliot, T. S., *Notes towards the definition of culture*.
 Lester Smith, W. O., *The impact of education on society*.
 Floud, J. E., Halsey, A. H., and Martin, F. M., *Social class and educational opportunity*.

The following books should also be consulted:

- Durkheim, E., *Education et sociologie*.
 Adamson, J. E., *The individual and the environment*.
 Clarke, F., *Essays in the politics of education*.
 Waller, W., *The sociology of teaching*.
 Russell, B., *Education and the social order*.
 Benedict, R., *Patterns of culture*.
 Kilpatrick, W. H. (ed.), *The teacher and society*.
 Leybourne, G., and White, K., *Education and birthrate*.
 Stead, H. G., *The education of a community*.
 Dymes, E. M. (ed.), *Sociology and education*.

- Harvard Report, *General education in a free society*.
 Brown, F. J., *Educational sociology*.
 Cook, Lloyd A., and Cook, E. F., *A sociological approach to education*.
 James, E., *Education and leadership*.
 Hughes, A. G., *Education and the democratic ideal*.
 Ginsberg, M., *Sociology*.
 Brogan, D. W., *The English people*.
 Conant, J. B., *Education in a divided world*.
 Davis, A., *Social class influences on learning*.
 Lewis, R., and Maude, A., *The English middle classes*.
 Mead, M., *Coming of age in Samoa*.
 Mannheim, K., *Freedom power and democratic planning*.
 Fleming Report, *The public schools*.
 Armfelt, R., *Education: new hopes and old habits*.
 Rowntree, S., and Lavers, G. R., *Life and leisure today*.
 Gittins, J., *Approved school boys*.
 Fleming, C. M., *The social psychology of education*.
 Newson, J. H., *The child at school*.
 Newson, J. H., *The education of girls*.
 Bronowski, J., *The common sense of science*.
 Mayo, E., *Social problems of an industrial civilization*.
 Wootton, B., *Testament of social science*.
 Eliot, T. S., *The idea of a christian society*.
 Ortega y Gasset, *The revolt of the masses*.
 Banks, O., *Parity and prestige in English secondary education*.
 Fromm, E., *The fear of freedom*.
 Linton, R., *The cultural background of personality*.
 Mead, M., *Childhood in contemporary cultures*.
 Mannheim, H., *Juvenile delinquency in an English middletown*.
 Glass, D. V. (ed.), *Social mobility in England*.
 Pearce, J. D. W., *Juvenile delinquency*.

134. Educational Psychology II.

This course of lectures, tutorials, written and practical exercises will have special reference to educational research and the application of it to teaching in schools.

Students must be familiar with the following publications devoted to educational research:

Journals:

- Educational research*.
Review of educational research.
Journal of educational psychology.
British journal of educational psychology.

Reference book:

- Harris, C. W. (ed.), *Encyclopædia of educational research*, 3rd edition (1960).

The main sections of the course will be concerned with various aspects of child development; educational provision for atypical children; some problems of learning and teaching, both theoretical and practical, the latter being expanded into a separate section to include classroom behaviour, school failure, juvenile delinquency, school and class organisation and the function of the teacher; educational measurement and evaluation; educational research and its implementation.

Students are advised to read widely from the following list, not only the more general texts but also those which deal more specifically with each of the main sections of the course.

- Cronbach, L. J., *Educational psychology*.
 Gates, A. I., *et al.*, *Educational psychology*.
 Shaffer, L. F., and Shoben, E. J., *The psychology of adjustment*.
 Stroud, J. B., *Psychology in education*.

- Prescott, D. A., *The child in the educative process.*
 Skinner, C. E. (ed.), *Educational psychology*, 4th edition.
 Watson, W. I., *Psychology of the child.*
 Barker, R. G., et al., *Child behaviour and development.*
 Gesell, A. L., et al., *The first five years of life.*
 Gesell, A. L., *The child from five to ten.*
 Gesell, A. L., and Ilg, F. L., *Youth—the years from ten to sixteen.*
 Hurlock, E. B., *Child development.*
 Piaget, J., *The language and thought of the child.*
 Havighurst, R. J., *Human development and education.*
 Mussen, P. H., and Conger, J. J., *Child development and personality.*
 Allport, G. W., *Becoming.*
 MacPherson, J. S., *Eleven-year-olds grow up.*
 Terman, L. M., and Merrill, M. A., *Measuring intelligence.*
 Wechsler, D., *The measurement and appraisal of adult intelligence*, 4th edition.
 Anastasi, A., *Differential psychology.*
 Vernon, P. E., *The structure of human abilities.*
 Cruickshank, W. M., and Johnson, G. O. (eds.), *Education of exceptional children and youth.*
 Blakemore, G. L., *Individualizing education in the elementary school.*
 Lewis, H. N., *Deprived children.*
 Schonell, F. J., *Backwardness in the basic subjects.*
 Kirk, S. A., and Johnson, G. O., *Educating the retarded child.*
 O'Connor, N., and Tizard, J., *The social problem of mental deficiency.*
 Blakemore, G. L., *Integrating the primary school curriculum.*
 Duncan, J., *The education of the ordinary child.*
 Burt, C., *The causes and treatment of backwardness.*
 Blair, G. M., *Diagnostic and remedial teaching.*
 Havighurst, R. J., et al., *A survey of the education of gifted children.*
 Hilgard, E. R., *Theories of learning.*
 Seago, M. V., *A teacher's guide to the learning process.*
 Russell, D. H., *Children's thinking.*
 Wallas, G., *The art of thought.*
 Bugelski, B. R., *The psychology of learning.*
 Fraser, E., *Home environment and the school.*
 Rogers, C., *Clinical treatment of the problem child.*
 Bowlby, J., *Maternal care and mental health.*
 Highfield, M. E., *The young school failure.*
 Stott, D. H., *Delinquency and human nature.*
 Bowlby, J., *Forty-four juvenile thieves.*
 Kvaraceus, W. C., *The community and the delinquent.*
 Burt, C., *The young delinquent.*
 Stott, D. H., *Saving children from delinquency.*
 Scottish Council for Research in Education, *Educational and other aspects of the 1947 Scottish mental survey.*
 Cronbach, L. J., *Essentials of psychological testing*, 2nd edition.
 Anastasi, A., *Psychological testing.*
 Garrett, H. E., *Statistics in psychology and education*, 5th edition.
 Schonell, F. J. and F. E., *Diagnostic and attainment testing.*
 Gardner, D. E. M., *Testing results in the infant school.*
 Walker, A. S., *Pupils' school records.*
 Buros, O. K. (ed.), *The fifth mental measurements yearbook.*
 Rusk, R. R., *An outline of experimental education.*
 Townsend, J. C., *Introduction to experimental method.*
 A.E.R.A., *Technical recommendations for achievement tests.*
 A.P.A., *Technical recommendations for psychological tests and diagnostic techniques.*
 Russell, D. H., *Implications of research for Canadian classroom practices.*
 S.C.R.E., *Aids to educational research comprising bibliographies and topics for research*, revised edition.
 Good, C. V., and Scates, D. E., *Methods of research.*

135. Comparative Education.

The following books should be read:

- Hans, N., *Comparative education*.
 Kandel, I. L., *Studies in comparative education*.
The year book of education, 1948.
The year book of education, 1952.
 Gal, R., *La réforme de l'enseignement*.
 Armfelt, R. N., *The structure of English education*.
 Johnson, W., *Russia's educational heritage*.

The following books should also be consulted:

- Hans, N., *History of Russian educational policy*.
 Monroe, P., *The founding of the American public school system*.
 Myrdal, G., *An American dilemma: the negro problem and modern democracy*.
 U.N.E.S.C.O., *World handbook of educational organization and statistics*.
 Durkheim, E., *L'évolution pédagogique en France*.
 Edwards, N., and Richey, H. G., *The school in the American social order*.
The year book of education, 1958. Hans, N., *Educational traditions in the English-speaking countries*.
 Hans, N., and Hessen, S., *Educational policy in Soviet Russia*.
 U.N.E.S.C.O., *Education in the modern world*.
 Simon, B., *Studies in the history of education*.
 Peterson, A. D. C., *A hundred years of education*.
 Réé, H., *The essential grammar school*.
 Dempster, J. J. B., *Purpose in the modern school*.
 Neal, L. F., *External examinations in secondary modern schools*. Researches and Studies, 1956.
 Wolfenden, J. F., *The public schools of today*.
 Mallinson, V., *An introduction to the study of comparative education*.
 Pedley, R., *Comprehensive schools today*.
The year book of education, 1959.
 Crowther Report, 15 to 18 (H.M.S.O.).
 Kandel, I. L., *Impressions of Australian education*.
 Conant, J. B., *The American high school*.
 Barzun, J., *The house of intellect*.
 Riesman, D., *Constraint and variety in American education*.
 Butts, R. F., and Cremin, L. A., *A history of education in American culture*.
The year book of education, 1960.
 Flexner, A., *Universities*.
 Barnard, H. C., *The French tradition in education*.

136. Thesis.

A candidate is required to consult the Professor of Education about the subject and course of reading for his thesis.

MUSIC FOR THE DEGREE OF BACHELOR OF ARTS

141. Music I.

A. HISTORY OF MUSIC I—as for the first year course for the Diploma of Associate in Music (see syllabus No. 726).

B. FORM—as for the first year course for the degree of Bachelor of Music (See syllabus No. 731).

143. Music II.

A. HISTORY OF MUSIC II—as for the first year course for the degree of Bachelor of Music (See syllabus No. 727).

B. MUSICAL CRITICISM AND AESTHETICS—as for the second year course for the degree of Bachelor of Music (See syllabus No. 738).

145. Music III.

A. HISTORY OF MUSIC III—as for the second year course for the degree of Bachelor of Music (See syllabus No. 728).

B. SPECIAL STUDY in an approved field:

1. The English madrigal.
2. Instrumental music of mid-eighteenth century Germany.
3. The carol.
4. The string quartets of Haydn.
5. Music of the Australian aborigine.
6. Any other approved field.

FACULTY OF ECONOMICS

ECONOMICS

The three main courses in Economics which constitute a sequence for the ordinary degrees of Bachelor of Arts and Bachelor of Economics are given annually alternately as day lectures and evening lectures. No student proceeding to a degree may take the course in Economics II until he has passed the final examination in Economics I, or the course in Economics III until he has passed the final examination in Economics II.

It is proposed at present to give these courses in Economics either as day or as evening lectures, as follows:

	1961	1962	1963
Economics I	Day	Evening	Day
Economics II	Evening	Day	Evening
Economics III	Day	Evening	Day

This arrangement will permit a student to take the courses in Economics I, II, and III in successive years as a sequence either of day lectures or of evening lectures, according to the year in which he takes Economics I.

150. Social Economics.

This course is designed for students who intend to take only a one-year course in Economics, and all such students are recommended to take it instead of the course in Economics I. It will not be accepted as qualifying a student to proceed with the course in Economics II, for which Economics I is a prerequisite.

This course is given annually alternately as day lectures and evening lectures. It will be given in 1961 as day lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

The economic basis of social welfare, with special reference to the following topics: demand and supply; competition and monopoly; distribution of income and wealth; international trade; national accounting; money and banking; theory of employment; government policy in depression and inflation; capital accumulation in underdeveloped areas.

Preliminary reading:

Williams, G., *The economics of everyday life* (Penguin).

Text-books:

Downing, R. I., *National and social accounts*, 5th edition (M.U.P.).

Samuelson, P. A., *Economics*, 4th edition (McGraw-Hill).

Nurkse, R., *Problems of capital formation in underdeveloped countries* (Blackwell).

Reference books:

- United Nations, *National and international measures for full employment*.
Commonwealth Bureau of Census and Statistics, *Labour report*, latest issue (Government Printer).
Rothschild, K. W., *The theory of wages* (Blackwell).
Walker, K. F., *Industrial relations in Australia* (Harvard).
United Nations, *Measures for international economic stability*.
Tew, B., *Wealth and income*, 3rd edition (M.U.P.).
United Nations, *Measures for economic development of underdeveloped areas*.
Tew, M., *Work and welfare in Australia* (M.U.P.).
Arndt, H. W., *The Australian trading banks*, 2nd edition (Cheshire).

151. Economics I.

The course will be given in 1961 as day lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Scope of economics. National income—its production, distribution and disposal. The structure of the modern economy.
2. Introduction to the theory of value.
3. Introduction to the theory of outlay and employment.

Exemption from lectures in Economics I is not usually granted.

Preliminary reading:

- Williams, G., *The economics of everyday life* (Penguin).
Samuelson, P. A., *Economics*, 3rd or 4th edition, Part I (McGraw-Hill).

Text-books:

- Downing, R. I., *National income and social accounts*, 5th edition (M.U.P.).
Tew, B., *Wealth and income*, 3rd edition (M.U.P.).
Samuelson, P. A., *Economics*, 3rd or 4th edition (McGraw-Hill).
Ryan, W. J. L., *Price theory* (Macmillan).

Reference books:

- Hicks, J. R., *The social framework*, 2nd edition (O.U.P.).
Tarshis, L., *Elements of economics* (Houghton Mifflin).
United Nations, *National and international measures for full employment*.
Stigler, G. J., *The theory of price* (revised 1953) (Macmillan).
Stonier, A., and Hague, D., *A text-book of economic theory* (Longmans).
Eastham, K., *Introduction to economic analysis* (O.U.P.).
Benham, F., *Economics*, 5th edition (Pitman).
Boulding, K., *Economic analysis*, revised edition (Hooper).
Nevin, E., *Textbook of economic analysis* (Macmillan).
Shackle, G. L. S., *A new prospect of economics* (Liverpool U.P.).

Additional references will be prescribed by the lecturers.

152. Economics II.

Students who passed Economics I prior to 1951 and who wish to take Economics II will be required to attend in addition to the full course in Economics II one lecture a week in Section 3 of Economics I and to pass in a special examination covering this work. This special examination may be taken prior to or at the same time as the examination in Economics II.

Economics II will be given in 1961 as evening lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Money, banking and finance with special reference to the general level of economic activity.
2. Industrial and agricultural organization; pricing theory; government policy in industry.

Preliminary reading:

- Beacham, A., *Economics of industrial organisation* (Pitman).

Text-books:

- Day, A. C. L., *Outline of monetary economics* (O.U.P.).
 Tew, B., *Wealth and income*, 3rd edition (M.U.P.).
 Great Britain: Report, *Treasury committee on the working of the monetary system* (H.M.S.O.).
 Sayers, R. S., *Modern banking*, latest edition (O.U.P.).
 Arndt, H. W., *The Australian trading banks*, 2nd edition (Cheshire).
 Dernburg, T. F., and McDougall, D. M., *Macro-economics* (McGraw-Hill).
 Bain, J. S., *Price theory* (Holt, 1952).
 Florence, P. S., *The logic of British and American industry* (Routledge and Kegan Paul).
 Commonwealth Bureau of Census and Statistics, *Year book*, latest issue (Government Printer, Canberra).

Reference books:

- Giblin, L. F., *The growth of a central bank* (M.U.P.).
 Sayers, R. S., *The American banking system* (O.U.P.).
 Sayers, R. S., *Central banking after Bagehot* (O.U.P.).
 Macrae, N., *The London capital market* (Staples).
 Dacey, W. Manning, *The British banking mechanism* (Hutchinson's University Library).
 Sayers, R. S. (ed.), *Banking in the British dominions* (O.U.P.).
 Meade, J. E., *Theory of international economic policy*, Vol. I *The balance of payments* (O.U.P.).
 Andrews, P. W. S., *Manufacturing business* (Macmillan).
 Yamey, B. S., *The economics of resale price maintenance* (Pitman).
 Wilson, T., and Andrews, P. W. S., *Oxford studies in the price mechanism* (O.U.P.).
 Chamberlin, E. H., *The theory of monopolistic competition* (Harvard U.P.).
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).
 Martin, Anne, *Economics and agriculture* (Routledge and Kegan Paul).
 Wheelwright, E. L., *Ownership and control of Australian companies* (Law Book Co.).
 Davidson, F. G., *The industrialization of Australia*, 2nd edition (M.U.P.).
 Schumpeter, J. A., *Capitalism, socialism and democracy*, 2nd edition (Harper).
 Galbraith, J. K., *American capitalism* (Houghton Mifflin; Hamish Hamilton).
 Bain, J. S., *Barriers to new competition* (Harvard U.P.).
 Penrose, E. T., *The theory of the growth of the firm* (Blackwell).

Additional references will be prescribed by the lecturers.

153. Economics III.

The course will be given in 1961 as day lectures. It comprises three lectures and one tutorial a week. The course consists of Part A and either Part B or Part C or Part D.

Exemption from lectures in Economics III is not usually granted.

PART A.

Theory of economic activity and the trade cycle; wages; the general price level; interest rates; international economics.

Text-books:

- Keynes, J. M., *General theory of employment, interest and money* (Macmillan).
 Day, A. C. L., *Outline of monetary economics* (O.U.P.).
 Ellsworth, P. T., *The international economy*, 2nd edition (Macmillan).
 Tew, B., *International monetary co-operation*, 2nd edition (Hutchinson).
 Matthews, R. C. O., *The trade cycle* (C.U.P.).
 Dernburg, T. F., and McDougall, D. M., *Macro-economics* (McGraw-Hill).

United Nations, *National and international measures for full employment*.
 United Nations, *Measures for international economic stability*.
 Commonwealth Bureau of Census and Statistics, *Australian balance of payments* (latest issue).
 Commonwealth of Australia, *Annual economic survey* (latest issue).

Reference books:

Duesenberry, J. S., *Business cycles and economic growth* (McGraw-Hill).
 Hansen, A., *A guide to Keynes* (McGraw-Hill).
 Hansen, A., *Business cycles and national income* (Norton).
 Hicks, J. R., *A contribution to the theory of the trade cycle* (O.U.P.).
 Klein, L., *The Keynesian revolution* (Macmillan).
 American Economic Association, *Readings in business cycle theory* (Allen and Unwin).
Income, employment and public policy: Essays in honour of Alvin Hansen (Norton).
 Harrod, R. F., *Policy against inflation* (Macmillan).
 American Economic Association, *Readings in the theory of international trade* (Allen and Unwin).
 League of Nations, *International currency experience*.
 Kindleberger, P., *International economics*, latest edition (Irwin).
 Meade, J. E., *Theory of international economic policy*, Vol. I. *The balance of payments* (O.U.P.).
 MacDougall, D., *The world dollar problem* (Macmillan).

Additional references will be prescribed by the lecturers.

PART B (Public Finance).

Government accounting; theory of public finance; public finance in Australia; fiscal and monetary policy.

Reference books:

Musgrave, R. A., *The theory of public finance* (McGraw-Hill).
 Due, J. F., *Government finance* (Irwin, 1959).
 Kaldor, N., *An expenditure tax* (Allen and Unwin).
 Simons, H., *Personal income taxation* (Chicago U.P.).
 Hansen, Bent, *The economic theory of fiscal policy* (Allen and Unwin).
 American Economic Association, *Readings in fiscal policy* (Allen and Unwin).
 United Nations, *Budgetary structure and classification of government accounts*.
 Commonwealth of Australia, *Reports of the Commonwealth Grants Commission*.

Additional references will be prescribed by the lecturers.

PART C (Economics of Labour).

Factors influencing the relative wage structure and the share of wages in national income; wages and the level of economic activity; trade unions; arbitration and wages policy.

Reference books:

International Labour Conference, *Wages—general report* (I.L.O., 1948).
 Hicks, J. R., *The theory of wages* (Macmillan).
 Dunlop, J. T., *Wage determination under trade unions* (Kelley).
 Reynolds, L. G., *Labor economics and labor relations*, 3rd edition (Prentice-Hall).
 Wootton, Barbara, *The social foundations of wage policy* (Allen and Unwin).
 Turvey, R. (ed.), *Wages policy under full employment* (Hodge).
 Hansen, Bent, *A study in the theory of inflation* (Allen and Unwin).
 Dunlop, J. T. (ed.), *The theory of wage determination* (Macmillan).
 Walker, K. F., *Industrial relations in Australia* (Harvard).
 Roberts, B. C., *National wages policy in war and peace* (Allen and Unwin).
 Perlman, M., *Judges in industry* (M.U.P.).

Additional references will be prescribed by the lecturers.

PART D (Agricultural Economics).

Agriculture in the Australian economy; the goals of agricultural policy; the current and prospective situation of agriculture; the problems of agricultural industry; agriculture and the political process.

Reference books:

- Schultz, T. W., *Agriculture in an unstable economy* (McGraw-Hill).
 Schultz, T. W., *Production and welfare of agriculture* (Macmillan).
 Schultz, T. W., *The economic organisation of agriculture* (McGraw-Hill).
 Halcrow, H., *Agricultural policy of the United States* (Prentice-Hall).
 Shepherd, G., *Agricultural price and income policy* (Iowa State University).
 Johnson, D. G., *Forward prices for agriculture* (University of Chicago).
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).
 Crawford, J. G., *Australian agricultural policy* (University of Adelaide).
 Martin, Anne, *Economics and agriculture* (Routledge and Kegan Paul).
 Heady, E. O., et al., *Agricultural adjustment problems in a growing economy* (Iowa State University).

Additional references will be prescribed by the lecturers.

154. Economic Development I.

Pre-requisite subject: Social Economics (150) or Economics I (151).

This course, comprising two lectures and a tutorial a week, will be given as day lectures in 1961.

The course is concerned with the economic development of Great Britain, the United States of America and Australia. It will attempt to show how economic change was related to the social and economic position of these countries and how simple economic models can be used to analyse their development.

Preliminary reading:

Lewis, W. A., *The theory of economic growth* (Allen and Unwin).

Text-books:

- Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D. 1750* (C.U.P.).
 Court, W. H. K., *A concise economic history of Britain from 1750 to recent times* (C.U.P.).
 Williamson, H. F. (ed.), *Growth of the American economy* (Prentice-Hall).
 Fitzpatrick, B., *The British Empire in Australia* (M.U.P.).

Reference books:

- Bennett, H. S., *Life on the English manor 1150-1400* (C.U.P.).
 Power, E., *The wool trade in English medieval history* (O.U.P.).
 Nef, J. U., *The cultural foundations of industrial civilization* (C.U.P.).
 Tawney, R. H., *Religion and the rise of capitalism* (Pelican or Murray).
 Butterfield, H., *The origins of modern science* (Bell).
 Hill, C. (ed.), *The English revolution* (Lawrence and Wishart).
 Ashton, T. S., *Economic fluctuations in England, 1700-1810* (O.U.P.).
 Ashton, T. S., *The economic history of England in the eighteenth century* (Methuen).
 Mantoux, P., *The industrial revolution in the eighteenth century* (Cape).
 Matthews, R. C. O., *A study in trade-cycle history* (C.U.P.).
 Burn, D. L., *The economic history of steel making, 1867-1939* (C.U.P.).
 Morgan, E. V., *The theory and practice of central banking, 1797-1914* (O.U.P.).
 Robertson, R. M., *History of the American economy* (Harcourt).
 Studenski, P., and Krooss, H. E., *Financial history of the United States* (McGraw-Hill, 1952).
 Bailey, J. D., *Growth and depression: contrasts in the Australian and British economies, 1870-1880* (A.N.U.).

155. Economic Development II.

Pre-requisite subjects: Economic Development I (154) or History IIB (55); and Economics III (153), if not already completed, must be taken concurrently.

This course, comprising two classes a week, will be given as evening lectures in 1961. It will be concerned with the secular development of economies and with a comparative study of economic systems. The programme will include a discussion of theories of growth, development problems in underdeveloped and mature economies and some case studies in development.

Text-books:

- Meier, G. M., and Baldwin, R. E., *Economic development* (Wiley).
 Nurkse, R., *Problems of capital formation in underdeveloped countries* (Blackwell).

Reference books:

- Baran, P., *The political economy of growth* (Monthly Review Press).
 Bauer, P. T., *Economic analysis and policy in underdeveloped countries* (Duke U.P.).
 Baumol, W., *Economic dynamics* (Macmillan).
 Domar, E., *Essays in the theory of economic growth* (O.U.P.).
 Johnson, H. G., *International trade and economic growth* (Allen and Unwin).
 Kindleberger, C. P., *Economic development* (McGraw-Hill).
 Lekachman, R., *National policy for economic welfare* (Columbia U.P.).
 Leibenstein, H., *Economic backwardness and economic growth* (Wiley).
 Tinbergen, J., *Design of development* (Johns Hopkins).
 Galbraith, J. K., *The affluent society* (Hamilton).
 Veblen, T., *Theory of leisure class* (Modern Library).
 Choh-Ming Li, *Economic development of Communist China* (University of California).
 Allen, G. C., and Dunnithorne, A. G., *Western enterprise in Far Eastern economic development: China and Japan* (Allen and Unwin).
 Bergson, A., *Soviet economic growth* (Peterson).
 Lockwood, W. W., *The economic development of Japan* (O.U.P.).
 Bauer, P. T., and Yamey, B. S., *Economics of underdeveloped countries* (C.U.P.).
 Marx, K., *Capital*, Vols. 1 and 2 (Everyman).
 Sweezy, P., *Theory of capitalist development* (O.U.P., 1942).
 India: Planning Commission, *Second five year plan*.

156. Agricultural Economics.

This course is offered annually for students proceeding to the degree of Bachelor of Agricultural Science and to students proceeding to the degree of Bachelor of Science in Forestry and is available to such students only. The course comprises two lectures a week throughout the year and provides an introduction to the general principles of economics, with special reference to Australian agriculture and forestry.

The scope of the course is as follows:

1. Elementary theory of the level of economic activity; the impact of agriculture on national income, balance of payments and economic development.
2. Elementary theory of resource allocation; the characteristics of supply and demand in agriculture.
3. Production economics and farm management.
4. Agricultural policy in Australia and in some overseas countries.

Text-books:

- Samuelson, P. A., *Economics*, 4th edition (McGraw-Hill).
 Martin, Anne, *Economics and agriculture* (Routledge and Kegan Paul).
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).

Reference books:

- Downing, R. I., *National income and social accounts*, 5th edition (M.U.P.).
 Ryan, W. J. L., *Price theory* (Macmillan).
 Black, J. D., *Introduction to economics for agriculture* (Macmillan).
 Shepherd, G. S., *Agricultural price and income policy* (Iowa State College).
 Shepherd, G. S., *Agricultural price analysis* (Iowa State College).
 Halcrow, H. G., *Agricultural policy of the U.S.* (Prentice-Hall).
 Schultz, T. W., *Production and welfare of agriculture* (Macmillan).
 Schultz, T. W., *The economic organization of agriculture* (McGraw-Hill).
 Johnson, D. G., *Forward prices for agriculture* (University of Chicago).
 Crawford, J. G., *Australian agricultural policy* (University of Adelaide).
 Bradford, L. A., and Johnson, G. L., *Farm management analysis* (Wiley).
 Beneke, R. R., *Managing the farm business* (Wiley).
 Heady, Earl O., *Economics of agricultural production and resource use* (Prentice-Hall).
 Heady, E. O., and Jensen, H., *Farm management economics* (Prentice-Hall).

Additional references will be prescribed by the lecturer.

157. Economic Theory.

Students may enrol for this subject only with the permission of the Professor of Economics.

The course comprises two lectures a week on advanced theory of value and advanced theory of outlay, together with one of Parts B, C and D of Economics III (153), not being taken by the student in Economics III. Students should consult the lecturers for guidance in preliminary reading.

Reference books:

As for Honours Economics (158).

158. Economics for the Honours Degrees of B.A. and B.Ec.

Detailed arrangements for classes will depend on enrolments, and students are advised to communicate with the Professor of Economics well before the beginning of the academic year. Students will be admitted to Honours classes only with the approval of the Professor. The Honours work falls into two divisions. Interim honours classes are conducted for students in the third year and final honours classes in the fourth year. A regular seminar for interim and final honours is held on current economic problems and special topics.

INTERIM HONOURS:

Interim Honours students shall take the course in Economic Theory (157).

FINAL HONOURS:

(i) Final Honours students are required to undertake a research project and present a thesis on it of not more than 10,000 words. The thesis will form part of the final honours examination. Students must have the subject of their theses approved by the Professor of Economics and be allotted to supervisors before the end of the academic year preceding their final honours year. Students must commence work on their projects during the long vacation preceding their final honours year and must report to their supervisors not later than during the first week of February. They will be required to keep in touch with their supervisors, to present a progress report to them not later than during the first week of the first term, and to submit a final draft of their theses not later than during the sixth week of the first term. Four copies of the thesis typed double spaced on quarto paper must be presented not later than the last day of the first term. Students will be required to submit themselves to an oral examination on their theses during the second term. Until the end of the first term students will be expected to devote their whole time to their research projects.

(ii) Lectures and tutorials will be provided in the second and third terms. Students will be expected to prepare papers on set topics. The work will cover topics drawn from the following fields:—

Capital and interest; wages; methodology; welfare economics; economic development; economic fluctuations; international economics; pricing theory; economic accounting; contemporary economic problems; econometrics.

The following books, together with those referred to under Economics I, II and III and Economic Development I and II, provide a basis for Honours work:

- Hutchison, T. W., *A review of economic doctrines, 1870-1929* (O.U.P.).
 Marshall, A., *Principles of economics*, 8th edition (Macmillan).
 Hicks, J. R., *Value and capital: an inquiry into some fundamental principles of economic theory*, 2nd edition (O.U.P.).
 Robertson, D. H., *Lectures on economic principles*, Vols. 1, 2 and 3 (Staples).
 Triffin, R. A., *Monopolistic competition and general equilibrium theory* (Harvard U.P.).
 American Economic Association, *Readings in price theory* (Allen and Unwin).
 Fellner, W. J., *Competition among the few* (Knopf).
 Kaplan, A. D. H., *Pricing in big business: a case approach* (Brookings Institute).
 Kaldor, N., *Essays on value and distribution* (Duckworth).
 Knight, F. H., *Risk, uncertainty and profit* (Mifflin).
 Katona, G., *Psychological analysis of economic behaviour* (McGraw-Hill).
 Powelson, J. P., *Economic accounting* (McGraw-Hill).
 American Economic Association, *Readings in industrial organisation and public policy* (Irwin).
 Dean, J., *Managerial economics* (Prentice-Hall).
 Lutz, F. A., and Lutz, V. C., *The theory of investment of the firm* (Princeton U.P.).
 Robbins, L. C., *An essay on the nature and significance of economic science*, 2nd edition (Macmillan).
 Pigou, A. C., *Economics of welfare*, 4th edition (Macmillan).
 Little, I. M. D., *Critique of welfare economics*, 2nd edition (O.U.P.).
 Graaf, J. deV., *Theoretical welfare economics* (C.U.P.).
 Harrod, R. F., *Towards a dynamic economics: some recent developments of economic theory and their application to policy* (Macmillan).
 Robinson, Joan, *The accumulation of capital* (Macmillan).
 Kalecki, M., *Theory of economic dynamics: an essay on cyclical and long-run changes in capitalist economy* (Allen and Unwin).
 Kaldor, N., *Essays on economic stability and growth* (Duckworth).
 Dobb, M. H., *Political economy and capitalism: some essays in economic tradition* (Routledge and Kegan Paul).
 Dobb, M. H., *Soviet economic development since 1917* (Routledge and Kegan Paul).
 Robinson, Joan, *The rate of interest and other essays* (Macmillan).
 Duesenberry, J. S., *Income, saving and the theory of consumer behaviour* (Harvard U.P.).
 Friedman, M., *Theory of the consumption function* (Princeton U.P.).
 Meade, J. E., *Theory of international economic policy*, Vols. 1 and 2 (O.U.P.).
 Oxford University Institute of Statistics, *The economics of full employment: six studies in applied economics* (Blackwell).
 American Economic Association, *A survey of contemporary economics*, Vols. 1 and 2 (Blakiston).
 Allen, R. G. D., *Mathematical analysis for economists* (Macmillan).
 Allen, R. G. D., *Mathematical economics* (Macmillan).
 *Arnold, T. W., *Folklore of capitalism* (Yale U.P.).
 *Fraser, L. M., *Economic thought and language: critique of some fundamental economic concepts* (Black).
 *Galbraith, J. K., *The great crash, 1929* (Hamish Hamilton).
 *Harrod, R. F., *The Life of John Maynard Keynes* (Macmillan).
 *Heilbroner, R. L., *The great economists*, 2nd edition (Eyre and Spottiswoode).
 *Myrdal, G., *The political element in the development of economic theory* (Routledge and Kegan Paul).
 *Schumpeter, J. A., *Capitalism, socialism and democracy*, 3rd edition (Allen and Unwin).
 *Schumpeter, J. A., *Ten great economists, from Marx to Keynes* (Allen and Unwin).

Additional references to books and journals will be given by the lecturers. Books marked * are intended for general background reading.

Examination: The Final Honours examination will consist of six papers together with the thesis. The papers will be on the following subjects: value; outlay; money; industrial and agricultural organization; international economics; special topics.

161. Economic Statistics I.

Pre-requisite subject: Economics I (151) or Social Economics (150), unless the Professor of Economics determines otherwise.

This course is given annually, alternately as day lectures and evening lectures. It will be given in 1961 as evening lectures. It comprises two lectures and one tutorial a week.

The course provides an introduction to statistical methods with special reference to applications in the field of economics. It includes discussion of the available Australian economic statistics and of the methods of compilation. The principal topics are: collection, presentation and description of data, with special reference to frequency distributions; sampling and significance, including the use of the normal, t and χ^2 distributions; linear regression and correlation; time series; sample surveys; quality control; demography; index numbers of prices and volume; national income and social accounts.

Students will be required to prepare class exercises. Permission to sit for the final examination will not be granted unless a satisfactory standard in them has been reached.

Exemption from lectures in Economic Statistics I is not usually granted.

Text-book:

Karmel, P. H., *Applied statistics for economists* (Pitman).

Reference books:

Mauldon, F. R. E., *The use and abuse of statistics* (University of W.A.).

Croxtan, F. E., and Cowden, D. J., *Applied general statistics*, 2nd edition (Prentice-Hall).

Davies, O. L., *Statistical methods in research and production* (Oliver and Boyd).

Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (Wiley).

Yates, F., *Sampling methods for censuses and surveys* (Charles Griffin).

Pearson, E., *The application of statistical methods in industrial standardization and quality control* (O.S. No. 600, 1935).

Kuczynski, R. R., *The measurement of population growth* (Sidgwick and Jackson).

Mudgett, B. D., *Index numbers* (Wiley).

v. Hofsten, E., *Price indexes and quality changes* (Allen and Unwin).

Clark, C., and Crawford, J. G., *The national income of Australia* (Angus and Robertson).

United Nations, *Measurement of national income and construction of social accounts*.

United Nations, *A system of national accounts and supporting tables* (Studies and methods No. 2).

Edey, H. L. and Peacock, H. T., *National income and social accounting* (Hutchinson's University Library).

United Nations, *Index numbers of industrial production* (Studies and methods No. 1).

Carter, C. F., Reddaway, W. B., and Stone R., *The measurement of production movements* (C.U.P.).

Additional references will be prescribed by the lecturers.

Students will be expected to familiarize themselves with the publications of the Commonwealth Bureau of Census and Statistics. A detailed list of these publications will be provided. Students should procure copies of the latest issues of, at least, the following (all published by the Government Printer, Canberra):

Commonwealth of Australia, *National income and expenditure*.

Commonwealth Bureau of Census and Statistics, *Official year book*; *Statisticians' report on Census 30th June, 1954*; *Labour report*; *Monthly review of business statistics*; *Monthly digest of current statistics*.

162. Economic Statistics II.

Pre-requisite subject: Economic Statistics I (161).

Students may enrol for this subject only with the permission of the Professor of Economics.

This course comprises two lectures and one tutorial a week. 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. It will be offered in 1961 if sufficient students enrol.

The course will deal with statistical applications to business problems and will include the following topics: introduction to probability; random and sequential sampling; multiple regression and correlation; elementary linear programming; inventory analysis; decision making under certainty and uncertainty.

No set text-books will be used.

Reference books:

Sasieni, M., Yaspan, A., Friedman, L., *Operations research, methods and problems* (Wiley).

Heady, E., and Candler, W., *Linear programming methods* (Iowa State University).

Chorafas, D., *Operations research for industrial management* (Reinhold).

Churchman, C., *et al.*, *Introduction to operations research* (Wiley).

Williams, J. D., *The compleat strategist* (Rand).

Bross, I., *Design for decision* (Macmillan).

Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (Wiley).

Additional references will be prescribed by the lecturers.

168. Economics (Engineering).

This course is offered annually for students proceeding to the degree of Bachelor of Engineering and is available to such students only. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Scope of economics; national income — its production, distribution and disposal; the structure of the modern economy.
2. The determination of the level of economic activity and associated problems, including some reference to money and banking.
3. The determination of prices; market behaviour; decision-making in public and private enterprise.

Text-books:

Downing, R. I., *National and social accounts*, 5th edition (M.U.P.).

Tew, B., *Wealth and income*, 3rd edition (M.U.P.).

Ryan, W. J. L., *Price theory* (Macmillan).

Bain, J. S., *Price theory* (Holt).

Dean, J., *Managerial economics* (Prentice-Hall).

Reference books:

Samuelson, P. A., *Economics*, 4th edition (McGraw-Hill).

Stonier, A., and Hague, D., *A text-book of economic theory* (Longmans).

Galbraith, J. K., *American capitalism* (Hamish Hamilton; Houghton Mifflin).

Hummel, P. M., and Seebeck, E. L., *Mathematics of finance* (McGraw-Hill).

Grant, E. L., *Principles of engineering economy*, 4th edition (Ronald Press).

Tustin, A., *The mechanism of economic systems* (Heinemann).

Additional references will be prescribed by the lecturers.

169. Public Finance.

Pre-requisite subject: Economics I (151) or Social Economics (150).

This course is offered every alternate year for students proceeding to the Diploma in Public Administration. It comprises one evening lecture a week. It will be offered in 1961, and will be given if sufficient students enrol.

The course is concerned with government accounting; theory of public finance; public finance in Australia; fiscal and monetary policy.

Reference books:

As for Economics III (153), Part B.

COMMERCE.

171. Elements of Accounting.

A general course in the elements of accounting, consisting of two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Each student is required to keep a practice set of books recording transactions for a hypothetical business. No prior knowledge of the subject is required. Day lectures are given in even years, evening lectures in odd years.

(a) *Basic accounting method:*

The nature of business transactions and the purpose of accounting; the theory of double entry; the accounting equation; the basic structure of accounts; classification in accounting; book-keeping—the recording process; the journal and ledger in a simple system; the trial balance; subdivisions of the journal; control accounts and subsidiary ledgers; preparation of accounting reports; the trading account, the profit and loss account and the balance sheet; the matching of costs and revenues; balance day adjustments and closing entries.

(b) *Accounting theory:*

Accounting principles; basic conventions and doctrines and the limitations arising from their use; accounting concepts of cost, revenue and profit; the distinction between revenue and capital; accounting problems associated with the measurement of profit; depreciation and the valuation of fixed assets; stock valuation; fluctuating price levels and the maintenance of capital intact; differences between accounting and economic concepts.

(c) *Applied accounting method:*

Partnership accounts; company accounts; the accounting requirements of the Companies Act; the capital accounts in a joint stock company; shares; debentures; the appropriation account; provisions and reserves; simple manufacturing accounts; the accounts of non-trading enterprises; the design of accounting systems and the chart of accounts; the presentation of accounting reports; the profit and loss statement, the funds statement and the balance sheet; modern examples of published company accounts; analysis and interpretation of accounting reports; the nature, scope and purpose of auditing; the evolution of accounting method and the place of accounts in modern society; introduction to management accounting; the accounts of public authorities and social accounts.

Preliminary reading:

Goldberg, L., *An outline of accounting* (Law Book Co.).

Text-books:

Goldberg, L., and Hill, V. R., *Elements of accounting* (Accountants' Publishing Company).

Chambers, R. J., *Accounting and action* (Law Book Co.).

Fitzgerald, A. A. (ed.), *Accounting* (Butterworth).

Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).

Baxter, W. T. (ed.), *Studies in accounting* (Law Book Co.).

Reference books:

Rowland and Magee, *Accounting, Part I* (Gee).

Fitzgerald and Schurer, *Classification in accounting* (Butterworth).

Institute of Chartered Accountants, *Recommendations on accounting principles*.

Institute of Chartered Accountants in England and Wales, *et al.*, *Some accounting terms and concepts* (C.U.P.).

Gilman, S., *Accounting concepts of profit* (Ronald).

Fitzgerald, A. A. and G. E., *Form and contents of published financial statements* (Butterworth).

Fitzgerald, A. A., *Analysis and interpretation of financial and operating statements* (Butterworth).

172. Management Accounting.

A general course in management accounting and business finance, including an introduction to cost accounting and a study of the relationship between accounting and economic theory. The course consists of two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Each student is required to keep a practice set of cost accounting records. Day lectures are given in odd years, evening lectures in even years. Except with special permission, to be obtained in writing from the Dean of the Faculty, no student may take the course in Management Accounting until he has passed the final examinations in Elements of Accounting (171) and Economics I (151).

(a) Management accounting:

Financial mathematics and investment planning; budgeting and budgetary control; cost systems; recording and control of costs—materials, labour, expense; standard costs; variable costing; machine and electronic accounting; performance reports for management.

(b) Accounting theory:

Overhead costs; multiple product costs; the relationship between costs and output; cost concepts in relation to price and production policy decisions.

(c) Business finance:

The nature of finance; factors affecting the demand for capital; sources of finance; factors affecting the capital structure of companies; rates of return on funds employed; distortions in the capital market; inflation and business finance.

Text-books:

- Lang, McFarland and Schiff, *Cost accounting* (Ronald).
 Vatter, W. J., *Managerial accounting* (Prentice-Hall).
 Solomons, D. (ed.), *Studies in costing* (Sweet and Maxwell).
 Paish, F. W., *Business finance* (Pitman).
 Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).
 Hummel and Seebeck, *Mathematics of finance* (McGraw-Hill).
 Bierman, H., and Smidt, S., *The capital budgeting decision* (Macmillan).

Reference books:

- Dean, J., *Managerial economics* (Prentice-Hall).
 Nickerson, C. B., *Cost accounting* (McGraw-Hill).
 Thomas, W. E. (ed.), *Readings in cost accounting, budgeting and control* (South-Western).
 Lang, T. (ed.), *Cost accountants' handbook* (Ronald).
 Solomon, E., *The management of corporate capital* (Free Press).
N.A.A. Bulletins.

173. Financial Accounting.

A course in financial accounting and auditing, consisting of two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Day lectures are given in even years, evening lectures in odd years. Except with special permission, to be obtained in writing from the Dean of the Faculty, no student may take the course in Financial Accounting until he has passed the final examinations in Elements of Accounting (171) and Economics I (151).

(a) Accounting theory:

The purpose of accounting theory; accounting assumptions and accounting entities; the measurement of business income; the valuation of assets (including goodwill); the valuation of shares in companies; accounting for changing price levels.

Evolution of financial accounting.

(b) *Applied financial accounting:*

Advanced company accounts: the purchase of the business of a sole trader or partnership; alteration of share capital; reconstructions, amalgamations, absorptions and liquidations; consolidated income statements and consolidated balance sheets; form, contents and presentations of the published accounting reports of companies.

Departmental accounts; branch accounts; hire-purchase accounts; instalment payment purchases; incomplete records; accounts of banks and insurance companies; accounts of mining companies and pastoralists; law and accounts relating to trustees and executors; accounts and statements relating to bankruptcy.

Relationship between business accounts and social accounts.

(c) *Auditing and professional practice:*

Objects of auditing; classes of audits; auditing standards; qualifications, rights, duties and liabilities of auditors; audit programmes; checking and vouching; internal control, internal auditing and internal check; verification of assets and liabilities; audit of mechanized accounts; the audit of a limited company; divisible profits and dividends; special considerations in particular audits; auditors' certificates and reports; use of statistical techniques in auditing; investigations.

Ethics and etiquette of the accountancy profession.

Text-books:

- Yorston, Smyth and Brown, *Advanced accounting* (Law Book Co.).
 Fitzgerald, A. A. (ed.), *Accounting* (Butterworth).
 Fitzgerald, G. E., and Speck, A. E., *Holding companies in Australia and New Zealand* (Butterworth).
 Baxter, W. T. (ed.), *Studies in accounting* (Law Book Co.).
 Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).
 Irish, R. A., *Auditing* (Law Book Co.).

Reference books:

- Littleton, A. C., *Structure of accounting theory* (American Accounting Association).
 Gilman, S., *Accounting concepts of profit* (Ronald).
 Norris, H., *Accounting theory* (Pitman).
 Institute of Chartered Accountants in England and Wales, *et al.*, *Some accounting terms and concepts* (C.U.P.).
 Association of Certified and Corporate Accountants, *Accounting for inflation* (Gee).
 Jones, R. C., *Effects of price level changes on business income, capital and taxes* (American Accounting Association).
 Fitzgerald, A. A., *Current accounting trends* (Butterworth).
 Chambers, R. J., *The function and design of company annual reports* (Law Book Co.).
 Fitzgerald, A. A., and Fitzgerald, G. E., *Form and contents of published financial statements* (Butterworth).
 Institute of Chartered Accountants, *Recommendations on accounting principles*.
 Powelson, J. P., *Economic accounting* (McGraw-Hill).
 Bray, F. Sewell, *Social accounts and the business enterprise sector of the national economy* (C.U.P.).
 Littleton and Yamey (ed.), *Studies in the history of accounting* (Sweet and Maxwell).
 De Paula, F. R. M., *The principles and practice of auditing* (Pitman).
 Vance, L. L., and Neter, J., *Statistical sampling for auditors and accountants* (Wiley).
 Milne, K. L., *The accountant in public practice* (Butterworth).

181. Commercial Law A.

The course comprises two lectures a week and tutorial classes as arranged throughout the academic year. Day lectures are given in odd years, evening lectures in even years.

An introduction to the nature and sources of law, legal method and constitutional law followed by a more detailed study of: the elements of the law of contracts and the law relating to the sale of goods; agency; partnership; company law and practice.

Text-books:

Yorston, R. K., and Fortescue, E. E., *Australian mercantile law* (Law Book Co.).

Charlesworth, J., *Principles of company law* (Stevens).

Joske, P., *Law of partnerships* (Butterworth).

Reference books:

Such statutes and other references as are mentioned in the lecture notes issued at the beginning of the year.

182. Commercial Law B.

The course comprises two evening lectures a week and tutorial classes as arranged throughout the academic year.

Mortgages, bills of sale, hire purchase, negotiable instruments; the law relating to income tax; bankruptcy law and practice.

Text-books:

Yorston, R. K., and Fortescue, E. E., *Australian mercantile law* (Law Book Co.).

Young, N. S., *Bankruptcy practice in Australia* (Butterworth).

Gunn and O'Neill, *Guide to Commonwealth income tax law* (Butterworth).

Reference books:

Dean, A., *Law relating to hire purchase in Australia* (Law Book Co.).

McDonald, E. F., Henry and Meek, *Australian bankruptcy law* (Law Book Co.).

Hannan, *Treatise on the principles of income taxation* (Law Book Co.).

Gunn, *Commonwealth income tax law and practice* (Butterworth).

FACULTY OF SCIENCE.

MATHEMATICS.

INTRODUCTORY NOTES

1. Attention is drawn to the pre-requisite subjects for admission to the various courses as prescribed in the syllabuses below, and to the following special points:

- (a) Mathematics II may be presented as a subject for the degree of B.A. or B.Sc. only if neither Pure Mathematics II nor Applied Mathematics II also is taken.
- (b) With the approval of the Head of the Department of Mathematics a qualified candidate may take the course in Honours Mathematics III in lieu of the two courses in Pure Mathematics III and Applied Mathematics III.
- (c) A candidate who wishes to take Mathematical Statistics should preferably have already passed in Pure Mathematics III; if he has not done so he must take Pure Mathematics III concurrently with Mathematical Statistics.

2. In special cases the appropriate Faculty may permit a student:

- (a) to enrol for Mathematics I without having passed in General Mathematics or Leaving Honours Mathematics I and II;

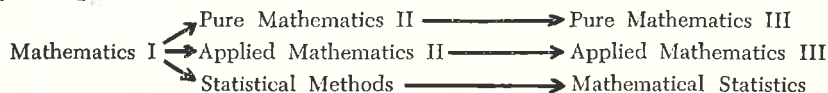
- (b) to enrol for Mathematics II, Pure Mathematics II or Applied Mathematics II having passed in General Mathematics;
- (c) to enrol for Pure Mathematics III or Applied Mathematics III having passed in Mathematics II.

Application for such special permission, setting out the grounds on which it is sought, must be made in writing to the Registrar.

3. The courses in Mathematics for the Ordinary degree of B.Sc. are as follows:

- Group A: General Mathematics, Mathematics I;
- Group B: Mathematics II, Pure Mathematics II, Applied Mathematics II, Statistical Methods;
- Group C: Pure Mathematics III, Applied Mathematics III, Mathematical Statistics;
- Group D: Honours Mathematics III.

4. For candidates proceeding to the Ordinary degree of B.A., possible three-year sequences are:



5. The courses in Mathematics for Engineering students only are: Mechanics, Mathematics I (Engineering), Mathematics II (Engineering), Mathematics III (Engineering). A student for the degree of B.E. who is required to take the First Year of the Engineering course will normally take General Mathematics; but if he has passed in Leaving Honours Mathematics I and II, he may instead take Mathematics I (for Arts and Science students). A student who has completed the First Year of the Engineering course or has been exempted from it will take Mechanics and Mathematics I (Engineering).

201. General Mathematics.

Pre-requisite subjects: Leaving Mathematics, Parts I and II.

The course comprises three lectures and one two-hour tutorial class a week and is given annually. A pass in it suffices for entrance to the courses in Mathematics I and Mathematics I (Engineering).

The syllabus comprises elementary calculus, algebra, trigonometry, plane analytic geometry and the mensuration of the simpler solids.

Text-books:

Durell and Robson, *Elementary calculus*, Vols. I and II (Bell); or

*Thomas, G. B., *Calculus and analytic geometry*, 2nd edition (Addison-Wesley).

Castle, *Logarithmic and other tables*, 4 figures (Macmillan); or

Yarwood and Castle, *Physical and mathematical tables*, 4 figures (Macmillan).

* This book is recommended for students who will subsequently be taking the courses Mathematics I or Mathematics I (Engineering).

202. Mathematics I.

Pre-requisite subject: General Mathematics (201) or Leaving Honours Mathematics, Parts I and II.

The course comprises three lectures and one two-hour tutorial class a week and is given annually. A pass in it suffices for entrance to Mathematics I (Engineering), and a pass in Division I suffices for entrance to Pure Mathematics II, Applied Mathematics II and Mathematics II.

The syllabus comprises elementary calculus, two and three dimensional analytic geometry, complex numbers, vector algebra, and partial differentiation.

Text-book:

Thomas, G. B., *Calculus and analytic geometry*, 2nd edition (Addison-Wesley).

203. Mathematics II.

Pre-requisite subject: Mathematics I (202) at Division I or higher standard.

The course comprises three lectures and one tutorial class a week and is given annually. It is designed for those who do not intend to do a third year course in Mathematics.

The syllabus comprises: sequences and series, ordinary and partial differential equations, multiple integrals, determinants and matrices, numerical analysis, statistics.

Text-book:

Thomas, G. B., *Calculus and analytic geometry*, 2nd edition (Addison-Wesley).

204. Pure Mathematics II.

Pre-requisite subject: Mathematics I (202) at Division I or higher standard.

The course comprises three lectures and one tutorial class a week and is given annually.

The syllabus comprises elementary theory of real functions; convergence of real and complex sequences, power series; matrices and determinants; plane and solid analytic geometry.

Text-books:

Courant, R., *Differential and integral calculus*, Vol. 1 (Blackie); or Maxwell, E. A., *An analytical calculus for school and university*, Vols. 2 and 3 (C.U.P.).

Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).

Tuckey, C. O., and Armistead, W., *Coordinate geometry* (Longmans).

205. Applied Mathematics II.

Pre-requisite subject: Mathematics I (202) at Division I or higher standard.

The course comprises three lectures and one tutorial class a week and is given annually.

Subjects of examination: Elementary vector analysis, dynamics of a particle and of rigid bodies, generalised coordinates and Lagrange's equation, theory of vibrations, ordinary and partial differential equations, Fourier series, operational methods, numerical analysis.

Text-books:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

Rutherford, D. E., *Classical mechanics* (Oliver and Boyd).

206. Statistical Methods.

Pre-requisite subject: General Mathematics (201) or Leaving Honours Mathematics, Parts I and II.

The course comprises three lectures and one tutorial a week, and deals with the following topics: probability and probability distributions as mathematical models of statistical data, applications of the normal, binomial, Poisson, chi-square, t and F distributions, simple and multiple regression, correlation, analysis of variance, experimental design, quality control.

Students are expected to make use of the calculating machines in the Mathematics Department for their exercise work.

No text-book is recommended, but the following list of reference books cover a wide range of fields to which the methods are applied:

Cramer, H., *The elements of probability theory* (Wiley).

Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (Wiley).

Dixon, W. J., and Massey, F. J., *Introduction to statistical analysis* (McGraw-Hill).

Snedecor, G. W., *Statistical methods (applied to experiments in agriculture and biology)*, 5th edition (Iowa State College Press).

Mather, K., *Statistical analysis in biology* (Methuen).

- Bennett, C. A., and Franklin, N. C., *Statistical analysis in chemistry and the chemical industry* (Wiley).
 Burr, I. W., *Engineering statistics and quality control* (McGraw-Hill).
 Fisher, R. A., *Design of experiments*, 6th edition (Oliver and Boyd).
 Cox, D. R., *Planning of experiments* (Wiley).
 Fisher, R. A., and Yates, F., *Statistical tables for biological, agricultural and medical research*, 5th edition, revised and enlarged (Oliver and Boyd).

207. Pure Mathematics III.

Pre-requisite subject: Pure Mathematics II (204) at Division I or higher standard.

The course consists of four lectures and one tutorial class a week.

The syllabus comprises: real and complex analysis, modern algebra, matrices, analytic geometry.

Text-books:

- Knopp, K., *Theory of functions*, Part I, tr. Bagemihl (Dover).
 Apostol, T., *Mathematical analysis* (Addison-Wesley).
 Birkhoff, G., and McLane, S., *A survey of modern algebra* (Macmillan).

Reference books:

- Churchill, R. V., *Fourier series and boundary value problems* (McGraw-Hill).
 La Vallée Poussin, C. J. de, *Cours d'analyse infinitésimale*, Vols. 1 and 2 (Gauthier).
 Newman, M. H. A., *Elements of the topology of plane sets* (C.U.P.).
 Hobson, E. W., *The theory of functions of a real variable* (C.U.P.).
 Thrall, R. M., and Tornheim, L., *Vector spaces and matrices* (Wiley).

208. Applied Mathematics III.

Pre-requisite subjects: Applied Mathematics II (205) at Division I or higher standard and (from 1962) Pure Mathematics II at Division II or higher standard.

The course comprises four lectures and one tutorial class a week.

The syllabus consists of a selection from the following subjects: vectors and tensors, elasticity, hydrodynamics, higher mechanics, functions of a complex variable, differential equations, calculus of variations, numerical analysis.

Text-books:

- Rutherford, D. E., *Fluid dynamics* (Oliver and Boyd).
 Franklin, P., *Functions of a complex variable* (Pitman).
 National Physical Laboratory: Mathematics Division, *Modern computing methods* (H.M.S.O.).
 Great Britain: Nautical Almanac Office, *Interpolation and allied tables* (H.M.S.O.).

Reference books:

- Spiegel, M. R., *Vector analysis* (Schaum).
 Rutherford, D. E., *Vector methods* (Oliver and Boyd).
 Milne-Thomson, L. M., *Theoretical hydrodynamics* (Macmillan).
 Hildebrand, F. B., *Methods of applied mathematics* (Prentice-Hall).

209. Mathematical Statistics.

Pre-requisite subject: Pure Mathematics III (207); candidates who have not completed this course must take it concurrently with Mathematical Statistics.

The course comprises three lectures and one tutorial class a week, and provides an introduction to the theory of mathematical statistics.

Tables and selected books of reference will be made available.

210. Honours Mathematics III.

Pre-requisite subjects: Pure Mathematics II (204) and Applied Mathematics II (205), each at Division I or higher standard.

This course is intended for students proceeding to an honours degree and comprises such parts of Pure Mathematics III, Applied Mathematics III and other subjects as the Professors of Mathematics shall prescribe.

A student who wishes to take this course must first consult the Head of the Department.

211. Mathematics for the Honours Degree of B.A. or B.Sc.

Pre-requisite subjects: Honours Mathematics III, or Pure Mathematics III, Applied Mathematics III and other prescribed courses, at a standard satisfactory to the Head of the Department.

Students will be expected to acquire a reading knowledge of a modern foreign language, preferably German or Russian.

This course will be determined from year to year. It will normally comprise topics selected from the following: theory of functions, modern algebra, theory of numbers, applied analysis, numerical analysis, advanced dynamics, hydrodynamics, mathematical statistics.

212. Mechanics.

Pre-requisite subject: General Mathematics (201) or Mathematics I (202).

The course consists of two lectures and one tutorial class a week and is given annually. It deals with the general principles of statics and dynamics, and with applications to engineering problems.

Text-book:

Singer, F. L., *Engineering mechanics* (Harper).

213. Mathematics I (Engineering).

Pre-requisite subject: General Mathematics (201) or Mathematics I (202).

The course consists of three lectures and one tutorial class a week and is given annually. It deals with the following: differential and integral calculus, partial differentiation, infinite series, complex numbers, determinants, differential equations, vector algebra.

Text-book:

Thomas, G. B., *Calculus and analytic geometry*, 2nd edition (Addison-Wesley).

214. Mathematics II (Engineering).

Pre-requisite subject: Mathematics I (Engineering) (213).

The course consists of three lectures and one tutorial class a week and is given annually. It deals with the following: differential equations, Laplace transforms, Fourier series, partial differential equations, functions of complex variables, theory of vibrations, vector analysis, statistics.

Text-book:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

215. Mathematics III (Engineering).

Pre-requisite subject: Mathematics II (Engineering) (214).

The course consists of two lectures and one tutorial class a week.

The syllabus consists of a selection from the following subjects: matrices, complex variable theory, vector integral calculus, Bessel functions, numerical analysis, statistics, numerical and analogue solution of the common differential equations of physics and engineering.

Text-book:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

Reference book:

Crandall, S. H., *Engineering analysis* (McGraw-Hill).

216. Mathematics for the Degree of M.A. and for the Degree of M.Sc.

Candidates for the degree of M.A. or M.Sc. in Mathematics may proceed to the degree by examination, by presentation of a thesis, or both.

If a thesis is presented it may take the form of

- (a) an original contribution to some mathematical subject;
- (b) a report on the present state of some branch of pure or applied mathematics;
- (c) an essay on the history of some branch of mathematics.

The degree is not awarded on an essay which is a mere compilation of the work of previous writers; and a candidate may be required to pass an examination in the subject-matter of his thesis.

PHYSICS

INTRODUCTORY NOTES.

1. Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.
2. The course in General Physics assumes a knowledge of Physics and Mathematics at Leaving Certificate standard, and is designed on that basis for students who wish to take only a one-year course in Physics; and all such students are recommended to take it (and not Physics I). This course also serves as an introduction to Physics I and Engineering Physics for those who have not taken Leaving Honours Physics.
3. The course in Engineering Physics is designed for *engineering* students only. It covers selected material from Physics I and Physics II not included elsewhere in the Engineering courses.
4. The course in Physics I is the first-year work of a closely-integrated two-year course designed primarily for students intending to study Physics for at least two years. A student who completes the course and subsequently decides not to proceed to Physics II will be credited with a pass in a first-year (Group A) subject.
5. On completing Physics II a student may elect either to take Physics IIIA (a third-year course for the Ordinary degree of B.Sc.) or to begin the two-year Honours course in Physics consisting of Physics III and Physics IV (Honours). A student who completes Physics III and subsequently decides not to proceed further in Honours Physics will be credited with a Group C subject for the Ordinary degree.
6. Students are directed to take particular note of the pre-requisites for each subject. In particular they should note that whereas either Pure Mathematics II or Applied Mathematics II or Mathematics II is an acceptable pre-requisite for Physics IIIA, only Applied Mathematics II is acceptable as a pre-requisite for Physics III, and Applied Mathematics III or Mathematical Physics A should be taken concurrently with Physics III. Thus a student who wishes, or thinks that he may wish, to proceed to the Honours degree in Physics is strongly advised to plan his course to encompass the following subjects:

First Year: Physics I; Mathematics I; Chemistry I; one other Group A subject.
 Second Year: Physics II; Applied Mathematics II; Pure Mathematics II.
 Third Year: Physics III; Applied Mathematics III or Mathematical Physics A.
 Fourth Year: Physics IV (Honours).

221. General Physics.

Pre-requisite subjects: A knowledge of Physics and Mathematics at Leaving Certificate standard is assumed.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General physics, including mechanics, acoustics, heat, geometrical and physical optics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, and by one of the following text-books, which should be read concurrently with the lecture course:

Sears, F. W., and Zemansky, M. W., *University physics*, 2nd edition (Addison-Wesley).

Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principals and applications* (McGraw-Hill).

Ference, M., Lemon, H. B., and Stevenson, R. J., *Analytic experimental physics* (Chicago U.P.).

Students are also recommended to read *Introduction to concepts and theories in physical science* by G. Holton (Addison-Wesley), upon which an optional question will be set in the General Physics examination.

222A. Physics A (Engineering).

Pre-requisite subjects: General Physics (221) or a standard satisfactory to the Faculty of Engineering in Physics, Mathematics and Chemistry at the Leaving Honours Examination.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General physics, including properties of matter, heat, geometrical and physical optics, acoustics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading from the text-books cited for the course in Physics I (223).

222B. Physics B (Engineering).

Pre-requisite subjects: General Physics (221) or a standard satisfactory to the Faculty of Engineering or the Faculty of Technology in Physics, Mathematics and Chemistry at the Leaving Honours examination.

The course is given annually in the South Australian Institute of Technology and comprises about 60 lectures on selected topics from the course in Physics A (Engineering) (222A) including properties of matter, geometrical and physical optics, electricity and magnetism, and modern physics.

Practical work in the laboratory occupies three hours a week throughout the year.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading from the text-books cited for the course in Physics I (223).

223. Physics I.

Pre-requisite subject: Leaving Honours Physics or General Physics (221) or special permission obtained in writing through the Registrar from the Professor of Physics, which must be attached to the enrolment form.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General physics, including properties of matter, heat and thermodynamics, optics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, together with prescribed parts of the following text-books:

- Champion, F. C., and Davy, N., *Properties of matter* (Blackie).
- Roberts, J. K., *Heat and thermodynamics* (Blackie).
- Ditchburn, R. W., *Light* (Blackie).
- Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill).
- Bleaney, Betty, and Bleaney, B., *Electricity and magnetism* (O.U.P.).
- Starling, S. G., and Woodall, A. J., *Physics* (Longmans).
- Curry, C., *Geometrical optics* (Arnold).
- Zemansky, M. W., *Heat and thermodynamics* (McGraw-Hill).
- French, A. P., *Principles of modern physics* (Wiley).
- Wehr, M. R., and Richards, J. A., *Physics of the atom* (Addison-Wesley).

Students who contemplate proceeding to Physics IIIA should note that during their three-year course they will be expected to read *Introduction to concepts and theories in physical science* by G. Holton (Addison-Wesley).

224. Physics II.

Pre-requisite subjects: Mathematics I (202); and Physics I (223) *or*, in exceptional circumstances, and with the special approval of the Professor of Physics, General Physics (221).

The course comprises three lectures and six hours practical work a week, and is given annually.

The subjects of examination, and recommended text-books, are as specified for Physics I (223).

225. Physics IIIA.

Pre-requisite subjects: Physics II (224) at Division I or higher standard; and one of Mathematics II (203), Pure Mathematics II (204), Applied Mathematics II (205), the first-year Honours course in Mathematics given in or before 1959.

The course comprises four lectures and a minimum of nine hours practical work a week, and will be given annually.

Subjects of examination:

Physics as dealt with in the lecture and laboratory courses. Questions will also be set on the subject matter of *Introduction to concepts and theories in physical science* by G. Holton (Addison-Wesley), which students are expected to read during the course.

Text-books recommended for reading and reference:

Those recommended for Physics I (223), and in addition:

Harnwell, G. P., *Principles of electricity and magnetism* (McGraw-Hill).

Hague, B., *Introduction to vector analysis for engineers and physicists* (Methuen).

Richtmeyer, F. K., and Kennard, F. H., *Introduction to modern physics*, 5th edition (McGraw-Hill).

Electrical Engineering Staff of M.I.T., *Applied electronics* (Wiley).

Sproull, R. L., *Modern physics* (Chapman and Hall).

Harnwell, G. P., and Stephens, W. E., *Atomic physics* (McGraw-Hill).

Constant, F. W., *Theoretical physics* (Addison-Wesley).

Kaplan, I., *Nuclear physics* (Addison-Wesley).

Born, M., *Atomic physics* (Blackie).

McCrea, W. H., *Relativity physics* (Methuen Monograph).

Heitler, W., *Elementary wave mechanics* (O.U.P.).

Courses in Physics for the Honours Degree of B.Sc.**226A. Physics for the Honours Degree of B.Sc. (1961 only).**

Pre-requisite subjects: Applied Mathematics III (208) *or* Mathematical Physics A (229 A); and Physics III (225) (1960) at a standard satisfactory to the Professor of Physics.

On application to the Professor of Physics, a student who has not passed Applied Mathematics III (and whose pass in Physics III (225) (1960) included Part B), may be accepted for the Honours course, but in this instance, it may be necessary for him to take the course over two years.

The course will be offered in 1961 only and comprises supervised practical work and courses of lectures on special subjects.

Students will be expected to be thoroughly familiar with the text-books recommended for the pass degree, and to read such books as may be referred to from time to time.

226. Physics III (from 1961).

Pre-requisite subjects: Physics II (224) and Applied Mathematics II (205), each at Division I or higher standard.

The course will consist of four lectures and a minimum of nine hours practical work a week, and will comprise an advanced study of aspects of classical and modern physics.

Students will be expected to be thoroughly familiar with the text-books recommended for Physics I and II and to read such books as may be referred to from time to time, including the following:

- Panofsky and Phillips, *Classical electricity and magnetism* (Addison-Wesley).
 Pauling, L., and Wilson, E. B., *Introduction to quantum mechanics* (McGraw-Hill).
 Schiff, L., *Quantum mechanics* (McGraw-Hill).
 Strong, J., *Concepts of classical optics* (Freeman).

227. Physics IV (Honours) (from 1962).

Pre-requisite subjects: Applied Mathematics III (208) or Mathematical Physics A (229A); and Physics III (226) at a standard satisfactory to the Professor of Physics.

The course will not be offered until 1962. It will comprise supervised practical work, and courses of lectures in continuation of the Physics III (226). Students will be required to study such text-books as may be referred to in the lecture courses.

MATHEMATICAL PHYSICS

Mathematical Physics for the Ordinary Degree of B.Sc.

There are two alternative courses in Mathematical Physics for the Ordinary degree of B.Sc., namely, Mathematical Physics A (229A) and Mathematical Physics B (229B).

For each subject, pre-requisites are passes in Pure Mathematics II, Applied Mathematics II and Physics II. Exceptionally, a student who has passed in only one of the second-year Mathematics courses and in Physics II may be permitted by the Faculty on the recommendation of the Professor of Mathematical Physics to proceed to either subject.

Both courses are intended primarily for students who wish to proceed eventually to the Honours degree of B.Sc. in Mathematical Physics. They will consist of lectures given within the Department of Mathematical Physics, supplemented by special work in the Mathematics Department (for those taking Physics III concurrently), or in the Physics Department (for those taking Applied Mathematics III concurrently).

229A. Mathematical Physics A.

Physics III (226) must be taken concurrently.

The course will comprise about five lectures a week, and will include the following topics: Methods of mathematical physics; higher mechanics; statistical thermodynamics and kinetic theory; elementary quantum mechanics and nuclear theory.

229B. Mathematical Physics B.

Applied Mathematics III (208) must be taken concurrently.

The course will comprise about four lectures a week and a short course of practical work. Topics will include: Pure mathematics; electromagnetic theory; wave mechanics; special theory of relativity; statistical thermodynamics and kinetic theory; elementary quantum mechanics and nuclear theory.

230. Mathematical Physics for the Honours Degree of B.Sc.

In general, only students who have reached a satisfactory standard in Mathematical Physics A or B, and in either Physics III or Applied Mathematics III, will be permitted to proceed to the Honours course. Exceptionally, with the permission of the Faculty of Science, students who have not passed in Mathematical Physics in their third year, but have taken two of the following: Pure Mathematics III, Applied Mathematics III, and Physics III, may be permitted so to proceed.

The course will consist partly of lectures given within the Department of Mathematical Physics, and partly of lectures attended by Honours Mathematics and Physics students, which will be prescribed by the Professor of Mathematical Physics.

Candidates for the degree of B.Sc. with Honours in Mathematical Physics will be required to have a reading knowledge of at least one foreign language.

CHEMISTRY

Students who intend to take third-year courses in both Physical and Inorganic Chemistry and Organic Chemistry are advised to take the following combinations of subjects: *First year*, Chemistry I, General Physics or Physics I, General Mathematics or Mathematics I, and either Biology or Geology I; *Second year*, Physical and Inorganic Chemistry II, Organic Chemistry II, and one of Pure Mathematics II, and Biochemistry I; *Third year*, Physical and Inorganic Chemistry III and Organic Chemistry III.

231. Chemistry I.

The course, which is given annually, consists of three lectures and six hours practical work a week throughout the three terms of the year.

The lectures cover the subject-matter for examination and deal with general chemistry, including introductions to atomic and valency theory, systematic inorganic chemistry, physical chemistry and aliphatic and aromatic organic chemistry. The practical course is designed to serve as an introduction to practical inorganic chemistry, physical chemistry, chemical analysis and organic chemistry.

Text-books:

West, P. W., Vick, M. W., and LeRosen, A. L., *Qualitative analysis and analytical chemical separations* (Macmillan);

Brown, G. I., *A simple guide to modern valency theory* (Longmans);

English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill); or

Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

Reference books:

Moore, W. J., *Physical chemistry*, 3rd edition (Longmans).

Moeller, T., *Inorganic chemistry* (Wiley).

232. Chemistry IA.

A course of general chemistry available to students in the Faculty of Engineering and the Faculty of Technology. The course, which is given annually, consists of two lectures and three hours' practical work a week throughout three terms of the year.

The lectures cover the subject matter for examination and include introductions to atomic and valence theory; systematic inorganic chemistry; and the following topics of physical chemistry: chemical thermodynamics; electrochemistry; states of matter; solutions; phase rule; reaction kinetics; radiochemistry.

The practical course uses chemical analysis to illustrate the fundamental ideas of chemistry.

Text-books:

Hiller, L. A., and Herber, R. H., *Principles of chemistry* (McGraw-Hill).

West, P. W., and Vick, M. W., *Qualitative analysis and analytical chemical separations* (Macmillan).

Reference books:

Moeller, T., *Inorganic chemistry* (Chapman and Hall).

Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan).

Moore, W. J., *Physical chemistry*, 3rd edition (Longmans).

Quagliano, J. V., *Chemistry* (Prentice-Hall).

Vogel, A. L., *Text-book of quantitative inorganic analysis*, 2nd edition (Longmans).

233. Physical and Inorganic Chemistry II.

Pre-requisite subjects: General Physics (221) or Physics I (223) and Chemistry I (231).

Students are also recommended to have taken General Mathematics (201) or Mathematics I (202).

The course, which is given annually, consists of three lectures and not less than six hours practical work a week throughout the three terms of the year.

The lectures deal with systematic inorganic chemistry and introductions to thermodynamics, electrochemistry, reaction kinetics and theoretical chemistry.

The practical courses deal with quantitative analysis, preparative inorganic chemistry and physical chemistry.

Text-books:

- Moore, W. J., *Physical chemistry*, 3rd edition (Longmans).
 Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).
 Moeller, T., *Inorganic chemistry* (Wiley).
 Cartmel, E., and Fowles, G. W. A., *Valency and molecular structure* (Academic Press).
 Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans).
 Palmer, W. G., *Experimental inorganic chemistry* (C.U.P.).

Reference books:

- Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).
 Sidgwick, N. V., *Chemical elements and their compounds* (O.U.P.).
 Remy, H., *Treatise on inorganic chemistry*, Vols. 1 and 2 (Elsevier).

234. Chemistry IIA.

Pre-requisite subject: Chemistry IA (232).

Lectures: Two hours a week throughout the year dealing with an introduction to thermodynamics, the phase rule, electrochemistry, reaction kinetics, kinetic theory and the solid state.

One hour a week throughout the year dealing with elementary organic chemistry.

Practical Work: Not less than six hours a week involving one term for each of analytical, physical and organic chemistry.

Text-books:

- Maron, S. H., and Prutton, C. F., *Principles of physical chemistry*, 3rd edition (Macmillan); or
 Moore, W. J., *Physical chemistry*, 3rd edition (Longmans); and
 English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill); or
 Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

Reference books:

- Daniels, F., and Alberty, R. A., *Physical chemistry* (Wiley).
 Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).
 Daniels, F., *Mathematical preparation for physical chemistry* (McGraw-Hill).
 Guggenheim, E. A., *Thermodynamics* (North Holland).

235. Chemistry II.

Pre-requisite subject: Chemistry I (231).

This course will consist of three sections (Physical Chemistry, Organic Chemistry and Biochemistry), each consisting of three lectures and six hours practical work a week for one term.

Physical Chemistry.

Introduction to chemical thermodynamics, electrochemistry, reaction kinetics, colloid and macromolecular chemistry, surface chemistry. The practical work will consist of a number of experiments illustrating these topics.

Text-book:

- Moore, W. J., *Physical chemistry*, 3rd edition (Longmans).

Organic Chemistry.

The organic chemistry of heterocyclic compounds with special emphasis on nitrogenous and other compounds of significance to the biologist; the mechanism of organic reactions; the chemistry of carbohydrates; practical work illustrating the major methods and techniques of organic chemistry.

Text-book:

- English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill).

Biochemistry.

Methods in biochemistry; introduction to the biochemistry of mineral elements, carbohydrates, lipids, amino acids and proteins; introduction to enzymology and some aspects of intermediary metabolism. The practical course will consist of experiments relating to these topics.

Text-books:

- Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).
 Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).
 Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).

. 236. Organic Chemistry II.

Pre-requisite subject: Chemistry I (231).

The course, which is given annually, consists of three lectures and at least six hours practical work a week throughout the three terms of the year.

The lectures deal with the chief families of aliphatic and aromatic compounds and with theoretical questions arising out of such study.

Text-books:

- Finar, I. L., *Organic chemistry*, 2nd edition, Vol. I (Longmans); and
 Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans); and
 Openshaw, H. T., *Qualitative organic analysis* (C.U.P.).

236A. Organic Chemistry IIA.

Part of Organic Chemistry II (236), amounting to two lectures and not less than six hours' practical work a week, given to students in the Faculty of Technology.

237. Physical and Inorganic Chemistry III.

Pre-requisite subjects: Physical and Inorganic Chemistry II (233) and *either* General Mathematics (201) *or* Mathematics I (202). Students may be exempted from the pre-requisite subject in Mathematics provided that the Professor of Physical and Inorganic Chemistry is satisfied with the standard of their mathematical knowledge. Students are also recommended to have taken Organic Chemistry II (236).

The course, which is given annually, consists of three lectures and at least twelve hours practical work a week throughout the three terms of the year.

The lectures deal with theoretical chemistry, including an introduction to wave mechanics; molecular structure; thermodynamics; reaction kinetics; chemistry of macromolecules and high polymers; surface and colloid chemistry; more advanced inorganic chemistry including radiochemistry.

The practical work will include preparative inorganic chemistry, experimental physical chemistry and radiochemistry.

Text-books:

- Moore, W. J., *Physical chemistry*, 3rd edition (Longmans).
 Denbigh, K. G., *The principles of chemical equilibrium* (C.U.P.).
 Cartmel, E., and Fowles, G. W. A., *Valency and molecular structure* (Academic Press).
 Moeller, T., *Inorganic chemistry* (Wiley).
 Emeléus, H. J., and Anderson, J. A., *Modern aspects of inorganic chemistry*, 3rd edition (Routledge).
 Friedlander, G., and Kennedy, J. W., *Nuclear and radiochemistry*.
 Palmer, W. G., *Experimental inorganic chemistry* (C.U.P.).
 Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).
 Daniels, F., and others, *Experimental physical chemistry*.

Reference books:

- Coulson, C. A., *Valence* (O.U.P.).
 Sidgwick, N. V., *Chemical elements and their compounds*, Vols. I and II (C.U.P.).

- Guggenheim, E. A., *Thermodynamics* (North Holland).
 Bailar, J. C. (ed.), *The chemistry of co-ordination compounds* (Reinhold, 1956).
 Coates, G. E., *Organo-metallic compounds* (Methuen).
 Orgel, L. E., *An introduction to transition-metal chemistry: ligand-field theory* (Methuen).

239. Organic Chemistry III.

Pre-requisite subject: Organic Chemistry II (226). Students are also recommended to have taken Physical and Inorganic Chemistry II (233).

The course, which is given annually, consists of three lectures and at least twelve hours practical work a week throughout the three terms of the year.

The lectures deal with the electronic theory of organic chemistry and its application to the mechanisms of organic reactions; the chemistry of heterocyclic compounds, including the study of natural products; the chemistry of alicyclic compounds, terpenes and sugars; and stereochemistry; the application of physico-chemical measurements to problems in organic chemistry.

Text-books:

- Finar, I. L., *Organic chemistry*, Vol. 2 (Longmans).
 Badger, G. M., *The aromatic compounds* (C.U.P.).
 Vogel, A. I., *Practical organic chemistry* (Longmans).
 Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans).
 Buchanan, C., and others, *Separation and identification of organic compounds* (U.L.P.).

Reference books:

- Alexander, E. R., *Principles of ionic organic reactions* (Wiley).
 Hine, J., *Physical organic chemistry* (McGraw-Hill).
 Tucker, S. H., *An electronic outline in organic chemistry* (U.L.P.).
 Wheland, G. W., *Advanced organic chemistry* (Wiley).
 Wheland, G. W., *Theory of resonance* (Wiley).

241. Honours Physical and Inorganic Chemistry.

Pre-requisite subjects: Physical and Inorganic Chemistry III (237) and Organic Chemistry III (239), but with the approval of the Faculty of Science, the Professor of Physical and Inorganic Chemistry may allow a student who has qualified in some subject other than Organic Chemistry to proceed to Honours in Physical and Inorganic Chemistry.

The course, which is given annually, will consist of lectures and seminars in advanced Physical and Inorganic Chemistry and such lectures in Organic Chemistry, Mathematics and Physics as the Professor of Physical and Inorganic Chemistry may deem necessary. All time not devoted to lectures and seminars will be given to laboratory work.

Students may be required to satisfy the Professor that they have a reading knowledge of French and German.

Text-books:

- Those for the Ordinary Degree, and in addition other reference books, a list of which will be published in the Department of Physical and Inorganic Chemistry.

243. Honours Organic Chemistry.

Pre-requisite subjects: Physical and Inorganic Chemistry III (237) and Organic Chemistry III (239), or, Organic Chemistry III (239) and Biochemistry II (282), or Organic Chemistry III (239) and such other third-year subject as may be approved by the Faculty on the recommendation of the Professor of Organic Chemistry.

The course, which is given annually, will consist of lectures and seminars in advanced Organic Chemistry and such lectures in Physical and Inorganic Chemistry as the Professor of Organic Chemistry may deem necessary. All time not devoted to lectures and seminars will be given to laboratory work.

Students may be required to satisfy the Professor that they have a reading knowledge of French and German.

Text-books:

- Those for the Ordinary Degree, and in addition, other reference books, a list of which will be published in the Department of Organic Chemistry.

SOIL SCIENCE

245. Soil Science IA.

The course of lectures and practical work is identical with that for Soil Science I (379) (for syllabus see under the Faculty of Agricultural Science). Students taking the Soil Science IA course will be expected to undertake additional reading which will be concerned with the soil-plant interaction.

A box of analytical weights with a certificate of accuracy is required.

GEOLOGY, MINERALOGY AND PALAEOONTOLOGY.

251. Geology I.

LECTURES.—A course of two lectures a week throughout the academic year dealing with the principles of physical geology, elementary mineralogy and petrology, historical geology.

LABORATORY WORK.—Three hours a week in practical classes; one hour a week in tutorial classes. Students should also spend at least one additional hour a week in independent study in the laboratory at times to be arranged. The course deals with the study of geological maps and the examination of crystal models, minerals, rocks and fossils.

FIELD WORK.—At least four excursions to places of geological interest near Adelaide.

Preliminary reading:

Raistrick, A., *Teach yourself geology* (E.U.P.); or
Read, H. H., *Geology* (H.U.L.).

Text-books:

Holmes, A., *Principles of physical geology* (Nelson); or
Gilluly, J., Waters, A. C., and Woodford, A. O., *Principles of geology*,
2nd edition (Freeman, 1959).

Reference books:

Rutley, F., *Elements of mineralogy* (revised by H. H. Read) (Murby).
Tyrrell, G. W., *Principles of petrology* (Methuen).
Clarke, E. de C., Prider, R. T., and Teichert, C., *Elements of geology*
(University of W.A. bookshop).

251A. Geology IA.

LECTURES.—The lectures given in the first two terms of Geology I (251).

PRACTICAL WORK.—The crystallography, mineralogy and petrology sections of the practical course in Geology I (251).

Preliminary reading:

Raistrick, A., *Teach yourself geology* (E.U.P.); or
Read, H. H., *Geology* (H.U.L.).

Text-book:

Holmes, A., *Principles of physical geology* (Nelson); or
Gilluly, J., Waters, A. C., and Woodford, A. O., *Principles of geology*,
2nd edition (Freeman, 1959).

Reference books:

Rutley, F., *Elements of mineralogy* (revised by H. H. Read) (Murby).
Tyrrell, G. W., *Principles of petrology* (Methuen).

251B. Geology I (Engineering).

LECTURES.—The lectures given in Geology I (251).

PRACTICAL WORK.—Two one-hour demonstrations a week; one hour a week in tutorial classes. Students should also spend at least one hour a week in the laboratory in independent study. The course deals with the study of geological maps and the examination of crystal models, minerals and rocks with reference to engineering problems.

252. Geology II.

Pre-requisite subject: Geology I (251) at Division I or higher standard.

LECTURES.—This course consists of three lectures a week throughout the year as follows:—

Crystallography: The symmetry of lattices; the fourteen Bravais lattices; the derivation of the thirty-two crystal classes.

Mineralogy: Principles of structural mineralogy and a systematic study of the more important groups; the theory of optical mineralogy.

Petrology: The origin and mode of occurrence of rocks, igneous, metamorphic and sedimentary; a study of the accepted classifications of rocks.

Structural Geology: The principles of structural geology.

Stratigraphy of Australia.

Palaeontology: Nature of organic remains; palaeontological methods; the phyla of invertebrates and representative Australian fossils.

LABORATORY WORK.—Not less than six hours a week.

Crystallography: Symmetry, classification and projection of crystals and lattices.

Mineralogy: Optical mineralogy; study of minerals in the hand specimen.

Petrology: Identification and classification of rocks; study of typical rocks both in hand specimen and under the microscope; techniques of sedimentary petrology.

Structural Geology: Interpretation of geological maps; solving of structural problems by graphical methods.

Palaeontology: Preparation of micro-fossils; study of representative fossil specimens.

FIELD WORK.—A minimum of six days will be spent in the field during the year. Excursions to localities of special interest may be arranged.

APPARATUS.—Students need to provide themselves with field equipment of approved pattern.

*Hurlbut, C. S., *Dana's manual of mineralogy*, 17th edition (Wiley, 1959).

Kerr, P. F., *Optical mineralogy*, 2nd edition (McGraw-Hill); or

*Winchell, A. N., *Elements of optical mineralogy*, Vol. 2 (Wiley).

Glaessner, M. F., and Parkin, L. W. (ed.), *Geology of South Australia* (M.U.P., 1958).

Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).

Hills, E. S., *Outlines of structural geology*, 3rd edition (Methuen, 1953).

Woods, H., *Invertebrate palaeontology* (C.U.P., 1947).

*Pettijohn, F. J., *Sedimentary rocks* (Harper).

*Mason, B., *Principles of geochemistry*, 2nd edition (Wiley, 1958).

Reference books:

David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).

Phillips, F. C., *Introduction to crystallography*, 2nd edition (Longmans).

Evans, R. C., *Introduction to crystal chemistry* (C.U.P., 1952).

McWhae, J. R., and others, *Stratigraphy of Western Australia* (M.U.P., 1958).

Low, J. W., *Geologic field methods* (Harper, 1957).

Bragg, W. L., *Atomic structure of minerals* (Cornell U.P.).

Simpson, G. G., *Life of the past* (Yale U.P., 1953).

Hartshorne, N. H., and Stuart, A., *Crystals and the polarising microscope*, 3rd edition (Arnold).

Dana, E. S., and Ford, W. E., *Text-book of mineralogy*, 4th edition (Wiley).

*Dunbar, C. O., and Rogers, T., *Principles of stratigraphy* (Wiley).

* These are also Geology III texts.

253. Geology IIA.

Pre-requisite subject: Geology I (251) at Division I or higher standard.

Students taking the course for the degree of B.E. in Mining Engineering attend lectures and practical work in the petrology and structural sections of Geology II (252). Field work as for Geology II (252).

254. Geology III.

Pre-requisite subject: Geology II (252) at Division I or higher standard; and either Physics II (224) or Physical and Inorganic Chemistry II (233).

LECTURES.—This course consists of about ninety lectures.

Crystallography: Elementary X-ray crystallography.

Petrology: A detailed survey of igneous, sedimentary and metamorphic rocks and a discussion of some problems of petrogenesis.

Structural Geology: Advanced studies in structure and tectonics.

Geochemistry: Distribution of the elements.

Mineral Deposits: The geology of mineral deposits.

Stratigraphy: Principles of stratigraphy; outline of the regional and historical geology of the continents.

LABORATORY WORK.—Students are expected to spend at least 12 hours a week in the laboratory.

Crystallography: Interpretation of X-ray powder photographs.

Mineralogy: The determination of minerals both in thin section and in grains. The study of ore minerals.

Petrology: An extension of the course in Geology II (252).

Stratigraphy: Exercises in stratigraphical procedures and interpretations.

Photogeology: Exercises in photo interpretation.

FIELD GEOLOGY.—At least one week will be spent on geological mapping. Excursions to localities of special interest may be arranged.

Text-books:

Turner, F. J., and Verhoogen, J., *Igneous and metamorphic petrology*, 2nd edition (McGraw-Hill).

Dunbar, C. O., and Rodgers, T., *Principles of stratigraphy* (Wiley).

Mason, B., *Principles of geochemistry*, 2nd edition (Wiley, 1958).

Hurlbut, C. S., *Dana's manual of mineralogy*, 17th edition (Wiley, 1959).

Pettijohn, F. J., *Sedimentary rocks* (Harper).

Winchell, A. N., *Elements of optical mineralogy*, Vol. 2 (Wiley).

Reference books:

Barth, T. F. W., *Theoretical petrology* (Wiley).

Larsen, E. S., and Berman, H., *Microscopic determination of the non-opaque minerals*, 2nd edition (U.S.G.S.).

Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).

Weller, J. M., *Stratigraphic principles and practice* (Harper, 1960).

Moore, R. C., *Introduction to historical geology* (McGraw-Hill, 1958).

Gignoux, M., *Stratigraphic geology* (Freeman).

Wells, A. K., and Kirkaldy, J. F., *Outlines of historical geology* (Murby).

David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).

Forrester, J. D., *Principles of field and mining geology* (Wiley).

de Sitter, L. U., *Structural geology* (McGraw-Hill, 1956).

256. Mining Geology.

Pre-requisite subjects: Geology I (251) and Geology IIA (253).

This course completes the requirements in geology and mineralogy for students in Mining Engineering.

Lectures and laboratory work are conducted during the third term.

LECTURES.—A course of about twenty lectures dealing with the occurrence, distribution and form of mineral deposits, their genetic classification and systematic classification; the localisation of ore shoots; secondary processes and their

results; metallogenetic provinces and epochs; the tenor of ores and the significance of impurities; sampling and prospecting operations; geological factors in the development of ore and ore finding.

LABORATORY WORK.—A course of demonstrations using suites of rock and ore specimens from various mining fields; the examination of ore and gangue minerals by transmitted and reflected light; methods of geological survey in mines and the compilation and use of geological mine maps and sections.

Text-books:

- Lindgren, W., *Mineral deposits*, 4th edition (McGraw-Hill).
 Bateman, A. M., *Economic mineral deposits* (Wiley).
 McKinstry, H. E., *Mining geology* (Prentice-Hall).
 Edwards, A. B. (ed.), *Geology of Australian ore deposits* (5th Empire Mining and Metallurgical Congress, Vol. I).

Reference books:

- Short, W. N., *Microscopic determination of ore minerals* (U.S.G.S.).
 Newhouse, W. H., *Ore deposits as related to structural features* (Princeton U.P.).

257. Palaeontology.

Pre-requisite subjects: Geology II (252) at Division I pass or higher standard and Zoology I (271).

To count Palaeontology as a third-year subject for the degree of B.Sc., a candidate must present also Zoology II (274) or Botany II (262) or Genetics I (296) in addition to the normally required number of subjects from Group B.

The course comprises two lectures and four hours' laboratory work a week throughout the year, with additional individual work.

It deals with the principles of evolution as shown by the fossil fauna and flora, and with the systematic palaeontology of invertebrates, vertebrates and plants on the basis of comparative morphology.

Text-books:

- Beerbower, J. R., *Search for the past* (Prentice-Hall, 1960).
 Moore, R. C., Lalicker, C. G., and Fischer, A. G., *Invertebrate fossils* (McGraw-Hill, 1947).
 Colbert, E. H., *Evolution of the vertebrates* (Wiley, 1955).

Reference Books:

- Easton, W. H., *Invertebrate palaeontology* (Harper, 1960).
 Claessner, M. F., *Principles of micro-palaeontology* (M.U.P., 1945).
 Arnold, C. A., *An introduction to palaeobotany* (McGraw-Hill, 1947).

258. Geology for the Honours Degree of B.Sc.

Candidates should specialise in an aspect of geology, e.g. mineralogy, petrology, stratigraphy, palaeontology, economic geology. Special courses of reading and laboratory studies will be laid down and each candidate will be required to give all the time not required for lectures or in the field to work in the laboratory. Evidence must be produced of satisfactory original work according to an approved plan. Candidates may be required to satisfy the examiners that they have a reading knowledge of French, German or Russian. They must also apply, before the end of the preceding year, to the Professor concerned for approval of their proposed courses of study.

A course in X-ray crystallography will be given annually, and students may be required to take it. Courses in X-ray structure determination and in micro-palaeontology will be given from time to time.

BOTANY

Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.

EXAMINATIONS.—All examinations in Botany include *both* theoretical and practical papers. These cannot be taken separately.

There are three courses in Botany for the ordinary degree of B.Sc., each extending over one year. There is an examination at the end of each course.

261. Botany I.

LECTURES.—A course of two lectures a week throughout the session dealing with the following: Elementary morphology, anatomy and physiology of the angiosperms; outline of the morphology and reproduction of the main phyla of plants; introduction to the classification of plants with special reference to local angiosperms; and including elements of floral biology and ecology; elementary genetics, cytology and evolution (see syllabus for Genetics).

PRACTICAL WORK for the above course comprises two periods a week throughout the year.

FIELD WORK.—At least one excursion to places of botanical interest.

Text-book:

Robbins, W. W., Weier, T. E., and Stocking, C. R., *Botany, an introduction to plant science* (Wiley, New York; Chapman and Hall, London).
Students must also possess and learn to use Black, J. M., *Flora of South Australia*, parts 1-4 (Government Printer, Adelaide).

Reference books:

Priestley, J. H., and Scott, L. I., *Introduction to botany* (Longmans).
Bonner, J., and Galston, A. W., *Principles of plant physiology* (W. H. Freeman, San Francisco).

262. Botany II.

Pre-requisite subjects: Chemistry I (231) and Botany I (261). In special circumstances, such as a distinction, and on the basis of additional work in Botany, Biology (269) may be accepted as a pre-requisite instead of Botany I (261). Such students should consult the Professor of Botany.

The theoretical course comprises three lectures a week throughout the year. It is divided into parts as under:

A. PLANT PHYSIOLOGY (I).—Growth; mineral nutrition; pH; water economy of plants; intake of nutrients; growth hormones; photoperiodism. The lectures in this course pre-suppose a knowledge of Chemistry I and Physics I.

Text-book:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).

B. ANATOMY AND MORPHOLOGY OF THE SPERMATOPHYTES.—An outline of the anatomy and histology of the angiosperms.

Text-book:

Esau, K., *Anatomy of seed plants* (Wiley).

Reference book:

Esau, K., *Plant anatomy* (Chapman and Hall).

C. PLANT GEOGRAPHY AND PLANT ECOLOGY.—The lectures will deal with problems of plant distribution and also in more detail with the ecology of South Australia. The practical work deals with the classification of the angiosperms, and candidates are required to submit a representative herbarium of at least 60 species of South Australian plants collected and named by themselves.

Text-books in Systematic Botany:

Black, J. M., *Flora of South Australia*, Vols. 1-4 (Government Printer, Adelaide),
Rendle, A. B., *Classification of flowering plants*, Vol. 2, *Dicotyledons* (C.U.P.).

For supplementary reading in ecology:

Daubenmire, R. F., *Plants and environment* (Wiley).
Leeper, G. W., *Introduction to soil science* (M.U.P.).
Oosting, H. J., *Plant communities* (Freeman).
Wood, J. G., *Vegetation of South Australia* (Government Printer, Adelaide).

Reference books in Systematic Botany:

Benson, Lyman, *Plant classification* (Heath).
Lawrence, G. H. M., *Taxonomy of vascular plants* (Macmillan, 1951).
Bentham, G., *Flora Australiensis* (Reeve).
Bailey, L. H., *Manual of cultivated plants* (Macmillan).
Hackel, Eduard, *The true grasses* (from "Die Natürlichen Pflanzenfamilien") (Henry Holt).

Hutchinson, John, *The families of flowering plants, I. Dicotyledons* (Macmillan).

Hill, Albert F., *Economic botany* (McGraw-Hill).

Gundersen, A., *Families of dicotyledons* (Chronica Botanica).

Dell, E., and Gardner, C. A., *Wild flowers of Western Australia*. Illus. (W.A. Newspapers Ltd.).

International code of botanical nomenclature (International Association for Plant Taxonomy, 1956).

Willis, J. C., *Manual and dictionary of flowering plants and ferns* (C.U.P.).

D. QUANTITATIVE BIOLOGY.—First term only of Part B of Genetics I (296).

PRACTICAL WORK extending over eight hours a week throughout the course is arranged in connection with the lectures.

FIELD WORK.—Approximately a week will be spent in the field during the year, including excursions to localities of special interest that are beyond the scope of a single day's outing from Adelaide. When possible, a camp will be arranged during vacation time.

263. Botany IIA (for Forestry Students).

Students proceeding to the degree of B.Sc. in Forestry are required to take, as their course in Botany II, course 262, with the exception of the section on quantitative biology and of practical work in plant physiology, and in addition the courses in mycology and in gymnosperms given in Botany III (265).

265. Botany III.

Pre-requisite subjects: Chemistry I (231) and Botany II (262).

The theoretical course comprises three lectures a week throughout the year. It is divided into parts as under:

A. PLANT PHYSIOLOGY (II).—Enzymes; photosynthesis; respiration; nitrogen metabolism; translocation; fate of assimilates; metabolism under adverse conditions (wilting, mineral deficiency, insect and fungal attack, etc.).

Text-book:

Bonner, J., *Plant biochemistry* (Academic Press).

Reference book:

Gortner, R. A., *Outlines of biochemistry*, 3rd edition (Wiley).

B. ANATOMY, MORPHOLOGY, AND PHYLOGENY OF THE ALGAE, BRYOPHYTES AND LOWER GROUPS OF VASCULAR PLANTS.

Text-book:

Smith, G. M., *Cryptogamic botany*, Vol. 2, 2nd edition (McGraw-Hill).

Reference books:

Campbell, D. H., *Structure and development of mosses and ferns* (Macmillan).

Foster, A. S., and Gifford, E. M., *Comparative morphology of vascular plants* (Freeman, 1959).

Lucas, A. H. S., and Perrin, F., *Seaweeds of South Australia*, Parts 1 and 2 (Government Printer, Adelaide).

Fritsch, F. E., *Structure and reproduction of the algae*, Vols. 1 and 2 (C.U.P.).

Smith, G. M., *Manual of phycology* (Chronica Botanica).

Newton, L., *Seaweed utilisation* (S. Low).

C. THE BIOLOGY, PATHOLOGY AND CLASSIFICATION OF THE FUNGI.

Text-book:

Alexopoulos, C. J., *Introductory mycology* (Wiley).

Reference books:

Ainsworth, G. C., and Bisby, G. R., *A dictionary of the fungi*, 2nd or later edition (Imperial Mycological Institute).

D. CLASSIFICATION AND COMPARATIVE MORPHOLOGY OF THE GYMNOSPERMS.

Text-book:

Foster, A. S., and Gifford, E. M., *Comparative morphology of vascular plants* (Freeman, 1959).

E. ADVANCED MICROSCOPY.

F. GENETICS.—A special course of eight lectures and practical work in genetics and natural selection.

PRACTICAL WORK extending over ten hours a week throughout the course is arranged in connection with the lectures.

FIELD WORK.—Approximately a week will be spent in the field during the year, including excursions to localities of special interest that are beyond the scope of a single day's outing from Adelaide. When possible a camp will be arranged during vacation time.

267. Botany for the Honours Degree of B.Sc.

Candidates for the Honours Degree in Botany are required to show a more detailed knowledge than is required for the Ordinary Degree, and to pass a more stringent examination. Some particular branch of Botany will be studied more intensively and research work will be undertaken. Candidates are expected to spend all the time not necessarily devoted to lectures in the laboratory, and they are required to attend such lectures and pass such examinations in Chemistry and other subjects as the Professor of Botany may deem necessary. Ordinarily it is necessary that the additional subjects be taken before the final year's work in Botany. Candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

Books of reference are set from time to time by the Professor.

Further reading is prescribed during the course. Intending Honours candidates are expected to read during the long vacation before they begin their final year, and should consult the Professor of Botany, who will advise a suitable course.

269. Biology.

A course consisting of two lectures and two periods of practical work each week throughout the year. Both day and evening classes will be held.

The course includes: An introduction to genetics, gene action and cell physiology; structure and physiology of plants; morphology and reproduction of main classes of plants; the mechanism of evolution, and the impact of modern biological thinking on our philosophy and future evolution; the anatomy and physiology of selected invertebrate animals; functional anatomy of vertebrates and comparative embryology.

Text-book:

Whaley, W. G., Breland, O. P., Heimsh, C., Phelps, A., and Schrank, A. R., *Principles of biology*, 2nd edition (Harper).

Reference book:

Simpson, G. G., Pittendrigh, C. S., and Tiffany, L. H., *Life: an introduction to biology* (Routledge and Kegan Paul).

ZOOLOGY

EXAMINATIONS.—All examinations in Zoology include both practical and theoretical papers; these cannot be taken separately.

PRACTICAL ZOOLOGY.—A record of all work done in the laboratory must be kept in a suitable notebook; these records will be inspected periodically and at the final examination.

271. Zoology I.

The course includes: An introduction to cell physiology; a study of some invertebrates and vertebrates; an introduction to comparative physiology; elementary genetics: evolution and the mechanism of evolution; the principles of classification; ecology; a number of written exercises and seminars on selected topics, e.g. scientific method, the race-theory, the ideas of Malthus, etc.

Text-books:

- Guthrie, M. J., and Anderson, J. M., *General zoology* (Wiley).
 Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).
 Barnett, A., *The human species* (Pelican).

Students should consult:

- Buchsbaum, R. M., *Animals without backbones*, vols. 1 and 2 (Penguin).
 Ramsay, J. A., *A physiological approach to the lower animals* (C.U.P.).
 Romer, A. S., *Man and the vertebrates* (Penguin).
 Abercrombie, M., Hickman, C. J., and Johnson, M. L., *A dictionary of biology* (Penguin).
 Smith, J. M., *The theory of evolution* (Pelican).

274. Zoology II.

Pre-requisite subjects: Chemistry I (231), General Physics (221) or Physics I (223), and Zoology I (271). In special circumstances Biology (269) may be accepted as a pre-requisite instead of Zoology I (271).

The course includes the following subjects: Cellular physiology; principles of taxonomy and classification; structure and physiology of vertebrate animals; and quantitative biology (first term only of Part B of Genetics I (296)).

Text-book:

- Young, J. Z., *The life of vertebrates* (O.U.P.).

Reference books:

- Cain, A. J., *Animal species and their evolution* (Hutchinson).
 Prosser, C. L., *Comparative animal physiology* (Saunders).
 Romer, A. S., *The vertebrate body* (Saunders).
 Turner, C. D., *General endocrinology* (Saunders).
 Young, J. Z., *The life of mammals* (O.U.P.).
 Parker and Haswell, *Text-book of zoology*, Vol. 2 (Macmillan).
 Scheer, B. T., *Comparative physiology* (Wiley).
 Giese, A. C., *Cell physiology* (Saunders).

275. Zoology III.

Pre-requisite subject: Zoology II (274).

The course includes the following subjects: Animal ecology, marine biology, the classification, structure and physiology of invertebrate animals, an introduction to the history and philosophy of biology and special genetics.

Text-books:

- Borradaile, L. A., Eastham, L. E. S., Potts, F. A., and Saunders, J. T., *The invertebrata* (C.U.P.).
 Prosser, C. L., *Comparative animal physiology* (Saunders).

Reference books:

- Elton, C. S., *Animal ecology* (Sidgwick and Jackson).
 Fraenkel, G., and Gunn, D. L., *The orientation of animals* (O.U.P.).
 Andrewartha, H. G., and Birch, L. C., *The distribution and abundance of animals* (Chicago U.P.).
 Wigglesworth, V. B., *Principles of insect physiology* (Methuen).
 Tinbergen, N., *The study of instinct* (O.U.P.).
 Simpson, G. G., *The meaning of evolution* (Yale U.P.).
 Dawes, B., *A hundred years of biology* (Duckworth).
 Sverdrup, H. V., Johnson, M. W., and Fleming, R. H., *The oceans* (Prentice-Hall).
 Harvey, H. W., *The chemistry and fertility of seawater* (C.U.P.).
 Scheer, B. T., *Comparative physiology* (Wiley).
 Bullough, W. S., *Practical invertebrate anatomy* (Macmillan).
 Hyman, L. H., *The invertebrates*, Vols. 1-5 (McGraw-Hill).
 Lapage, G., *Parasitic animals* (C.U.P.).
 Fisher, R. A., *The design of experiments* (Oliver and Boyd).

278. Zoology for the Honours Degree of B.Sc.

Students who wish to take an Honours Degree in Zoology should consult the Professor some time during the third year.

Candidates are expected to attain a higher standard in general zoology than that required for the Ordinary Degree. In addition, they are expected to study more particularly one or two groups or some phase of zoology, and to carry out research work as an exercise in scientific method.

All the time not necessarily devoted to lectures shall be spent in the laboratory. Students may be expected to attend such lectures and pass such examinations as the Professor may require.

A course of reading, which should be commenced during the long vacation before the honours year, will be prescribed by the Professor.

Candidates must have some reading knowledge of French and German and are expected to show some skill in abstracting scientific papers and in the preparation of scientific reports.

BIOCHEMISTRY.**281. Biochemistry I.**

Pre-requisite subjects: General Physics (221) *or* Physics I (223); Chemistry I (231); and *either* Biology (269) *or* any two of the following three subjects: Botany I, Zoology I, General Mathematics *or* Mathematics I. Students intending to proceed to Biochemistry II must take General Mathematics *or* Mathematics I.

The course comprises three lectures a week in the first term, two lectures a week in the second and third terms and six hours practical work a week for three terms.

The chemistry of carbohydrates, lipids and proteins, and of related products of living matter; the nature and activity of enzymes; the chemistry of digestion; absorption and intermediary metabolism; hormones and vitamins; the composition of special tissues and tissue fluids; energy requirements and control.

The practical work includes qualitative experiments illustrating the properties of the materials dealt with in the lectures, quantitative analysis of urine, blood, and other biological materials. In addition, candidates are introduced to more specialized techniques, including the preparation of enzymes and metabolic intermediates, manometry, chromatography and optical methods used to study chemical pathways in living cells.

Text-books (latest editions in all cases):

Harrow, B., and Mazur, A., *Text-book of biochemistry* (Saunders); *or*
Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications).

Mitchell, M. L., *Manual of practical biochemistry* (Hassell).

282. Biochemistry II.

Pre-requisite subject: Biochemistry I (281) *or* Chemistry II (235), subject to the approval of the Faculty of Science, and General Mathematics (201) *or* Mathematics I (202). It is recommended that students proposing to take this course should attend a second year course in chemistry wherever possible.

The course comprises three lectures a week and at least eight hours practical work a week during the three terms.

The lecture course will cover more advanced aspects of some of the topics dealt with in Biochemistry I, particular stress being laid on the more physical aspects of the subject and on a detailed study of intermediary metabolism. Special topics will include an introduction to the metabolism of bacteria and to plant biochemistry.

The practical work will give experience in the commoner laboratory techniques used in biochemistry, particular stress being laid on the quantitative aspects of the subject. The more modern preparative techniques will also be studied and the use of radio-active tracers will be demonstrated.

Text-books (latest editions in all cases):

- Cowgill, R. W., and Pardee, A. B., *Experiments in biochemical and research techniques* (Wiley).
 Dawes, E. A., *Quantitative problems in biochemistry* (Livingstone)
 Fruton, J. S., and Simmonds, S., *General biochemistry* (Wiley).

Reference books:

- Methuen's monographs in biochemistry.*
 Dixon, M., and Webb, E. C., *Enzymes* (Longmans).
 Umbreit, W. W., Burris, R. M., and Stauffer, J. F., *Manometric techniques* (Burgess).

284. Biochemistry for the Honours Degree of B.Sc.

Pre-requisite subject: Biochemistry II (282).

The course extends over three terms.

Candidates are required to give their full time for at least an entire academic year to a special course of study and laboratory work in the biochemistry laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Biochemistry. They may be required also to satisfy the Professor that they have a reading knowledge of French and German.

Reference books (in addition to those presented for Biochemistry II):

- Annual reviews of biochemistry* (Stanford U.P.).
 Graaf, S., *Essays in biochemistry* (Wiley).
 Bull, H. B., *Physical biochemistry* (Wiley); or
 Johlin, J. M., *Introduction to physical biochemistry*, 2nd edition (Harper).
 Hanahan, D. J., *Lipid chemistry* (Wiley).
 Boyer, P. D., Lardy, H., and Myrback, K., *The enzymes*, Vols. 1 and 2 (Academic Press, 1959).
 Colowick, S. P., and Kaplan, O., *Methods in enzymology* (Academic Press).

Other reading will be prescribed during the course.

PHYSIOLOGY

286. Physiology (1961 and 1962 only).

Pre-requisite subjects: General Physics (221) or Physics I (223); Chemistry I (231); Biology (269) or any two of the following three subjects: Botany I (261), Zoology I (271), General Mathematics (201) or Mathematics I (202); and Histology (301). Further, it is recommended that students should have completed the course in Biochemistry I (281).

Science students will begin the lectures in Physiology in the first term of their third year, having completed the course and passed in the subject of Histology (301). The lecture course, which will be offered in 1961 and 1962 only, deals with the structure and function of the principal mammalian tissues, organs and systems together with the hormonal and neural integrations of the organism. The practical work is based on human and mammalian material, and illustrates many of the classical observations of physiological function.

Text-book:

- Text-book of physiology*, ed. J. F. Fulton, 17th edition (Saunders).

287. Physiology I (from 1962).

Pre-requisite subjects: General Physics (221) *or* Physics I (223), Chemistry I (231) and *either* Biology (269) *or* Zoology I (271).

This course, which will not be offered until 1962, consists of two approximately equal parts of Histology and Physiology.

Histology: The course comprises about 30 lectures and 80 hours' practical work and includes microscopy; introductory cytology and cytochemistry; and the histology of intercellular substance, tissues and systems of the body. Emphasis is laid on the relationship of structure to function.

Students are provided with loan collections of slides. Some microscopes are available on loan.

Physiology: The course comprises 36 lectures and 80 hours' practical work. The subject matter deals with the function of the principal mammalian tissues, organs and systems, together with the hormonal and neural integrations of the organism.

Text-books:

Hewer, E. E., *Text-book of histology for medical students* (Heinemann);

or

Garven, H. S. D., *A student's histology* (Livingstone).

Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall).

Reference books:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).

Clark, Sir W. E. Le Gros, *The tissues of the body* (O.U.P.).

Bourne, G. H., *An introduction to functional histology* (Churchill).

Butler, J. A. V., *Inside the living cell* (Allen and Unwin).

288. Physiology II (from 1963).

Pre-requisite subject: Physiology I (287). Further it is recommended that students should have completed the course in one of the following: Biochemistry I (281), Organic Chemistry II (236), Physical and Inorganic Chemistry II (233), Physics II (224).

This course, which will not be offered until 1963, consists of approximately equal parts of Physiology and Pharmacology.

Physiology includes more advanced aspects of some of the topics dealt with in Physiology I with emphasis on respiration; circulation; the central nervous system.

Pharmacology includes principles of bioassay; the relation between structure and action of drugs; physico-chemical factors in drug action; systematic pharmacology of special systems with emphasis on the autonomic nervous systems.

Text-books:

Wilson, A., and Schild, H. O., *Applied pharmacology* (Clark), 9th edition (Churchill).

Fulton, J. F., *Text-book of physiology*, 17th edition (Saunders).

289. Physiology for the Honours Degree of B.Sc.

Pre-requisite subject: Physiology (286) (until 1963); Physiology II (288) (from 1964).

The course extends over three terms.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the physiology laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Physiology. A course in reading, which should be commenced during the long vacation prior to the Honours year, will be published in the Department of Physiology. Candidates may be required also to satisfy the Professor that they have a reading knowledge of French and German.

290. Pharmacology for the Honours Degree of B.Sc.

Pre-requisite subjects: Physiology (286) (until 1963); Physiology II (288) (from 1964).

The course extends over three terms.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the pharmacology laboratory, and to participate in experimental work of a research character under the direction and supervision of the Head of the Department. A course in reading, which should be commenced during the long vacation prior to the Honours year, will be published in the Department of Human Physiology and Pharmacology. Candidates may be required also to satisfy the Head of the Department that they have a reading knowledge of French and German.

MICROBIOLOGY.**291. Microbiology.**

Pre-requisite subjects: *Group A*: General Physics (221) or Physics I (223); Chemistry I (231); and either Biology (269) or Botany I (261) or Zoology I (271); *Group B*: Any two of Physical and Inorganic Chemistry II (233); Chemistry II (235); Organic Chemistry II (236); Botany II (262); Zoology II (274); Biochemistry I (281); Genetics I (196); Physiology I (287) (from 1963); Bacteriology I (former subject).

Students intending to take up a career in Microbiology are strongly recommended to precede their Microbiology course with Biochemistry I (281) and either Botany II (262) or Zoology II (274).

The course consists of lectures, tutorials and practical work designed to occupy half the student's total time for three terms.

The course comprises the general morphology of bacteria, yeasts and viruses; their physiology, metabolic activities, and chemical composition; disinfection and chemotherapy; microbes as pathogens and the host-parasite relationship including immunology; immuno-chemical techniques and the study of antigen antibody reactions; microbiology industries, involving fermentation, food handling and water treatment. The practical work is designed to illustrate the lectures and to familiarize the student with most of the techniques in current usage in this and related sciences.

Text-books:

Stanier, Adelberg and Doudoroff, *The microbial world* (Prentice-Hall).
Kabat and Mayer, *Experimental immunochemistry* (Thomas).

292. Microbiology for the Honours Degree of B.Sc.

Pre-requisite subject: Bacteriology II (former subject) (in 1961); Microbiology (291) (from 1962) at a standard satisfactory to the Head of the Department.

An intending candidate should consult the Professor of Microbiology some time during the year preceding the Honours year.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work, and to participate in experimental work of a research character under the direction and supervision of the Professor of Microbiology. A course in reading, which should be commenced during the long vacation prior to the Honours year, will be provided by the Department of Microbiology. Candidates will be required also to satisfy the Professor that they have a reading knowledge of French or German.

GENETICS.

Genetics in Botany I and Zoology I.

About eight lectures and demonstrations, as part of Zoology I (271) and Botany I (261) in the first year Science course.

Human pedigrees. Hypothesis of gene determination of heritable characters. Mendel's work on the garden pea, his laws of purity of gamete and independent segregation. Linkage and genetical chromosome maps. Physical basis of Mendelian inheritance. Sex linked inheritance. Mutation and selection. Evolution. Relation of genetics to other sciences.

Reference books:

- Mather, K., *Genetics for schools* (Murray).
 Sinnott, E. W., Dunn, L. C., and Dobzhansky, Th., *Principles of genetics*, 5th edition (McGraw-Hill).
 Srb, A. M., and Owen, R. D., *General genetics* (Freeman).
 Dunn, L. C., *Genetics in the twentieth century* (Macmillan).

296. Genetics I.

Candidates for the degree of Bachelor of Science must present both parts of the course.

PART A. One lecture and two hours practical work a week throughout the year, dealing with general genetics.

Mendelian inheritance. Linkage and crossing-over and its physical basis. Mitosis and meiosis. Sex linkage. Sex determination and differentiation. Mutation. Multiple alleles. Gene action and interaction. Quantitative inheritance. Cytoplasmic inheritance. Chromosome changes. Polyploidy. Inbreeding and outbreeding. Genetics and evolution.

Text-books:

- Darlington, C. D., *Chromosome botany* (Allen and Unwin).
 Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).
 Mather, K., *The measurement of linkage in heredity* (Methuen).
 Srb, A. M., and Owen, R. D., *General genetics* (Freeman).

PART B. One lecture and a two-hour practical class a week throughout the year.

Term I. Quantitative Biology. An introduction to the statistical analysis of quantitative data in the biological sciences: Graphical representation of numerical data. Populations and samples. Mean and variance. Probability. Binomial, Poisson and normal frequency distributions. Tests of significance. Chi-squared. Comparison of means of two populations and of two samples. Regression and correlation.

Term II. Population Genetics. Gene frequency and its measurement. "Hardy-Weinberg Law" for random mating populations. Selection. Transient and selectively balanced polymorphism.

Term III. Human Genetics. Pedigrees of human abnormalities and their genetical analysis. Single factor segregations and methods of ascertainment. Mutation. Twin studies. Gene frequency analysis in human populations. ABO, Rhesus and other blood groups. The bearing of blood groups on anthropology, disease and forensic medicine. Genetics of biochemical differences—haemoglobin variants, metabolic disorders, etc. Genetic linkage in man. Genetic counselling.

Text-books:

- Bailey, N. T. J., *Statistical methods in biology; or*
 Mather, K., *Statistical analysis in biology* (Methuen).
 Mather, K., *The measurement of linkage in heredity* (Methuen).
 Moroney, M. J., *Facts from figures* (Pelican).
 Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).
 Lawler, S. D., and Lawler, L. J., *Human blood groups and inheritance* (Heinemann).
 Stern, C., *Principles of human genetics* (Freeman).

297. Genetics II.

Pre-requisite subject: Genetics I (296).

(Agricultural Science students who have passed Genetics IA (366) and Biometry (373) to the satisfaction of the Professor of Genetics may proceed to Genetics II.)

This course consists of three lectures and six hours practical work a week throughout the year and includes the more advanced aspects of biometrical, microbial, physiological, population and human genetics, and cytology.

Reference books:

- Brachet, J., *Biochemical cytology* (Academic Press).
 Catcheside, D. G., *Genetics of micro-organisms* (Pitman).
 Clausen, J., *Stages in the evolution of plant species* (Cornell U.P. and O.U.P.).
 Darlington, C. D., *Evolution of genetic systems* (Oliver and Boyd).
 Darlington, C. D., *Recent advances in cytology* (Churchill).
 Dobzhansky, T., *Genetics and the origin of species* (Columbia U.P.).
 Falconer, D. S., *Introduction to quantitative genetics* (Oliver and Boyd).
 Fisher, R. A., *The genetical theory of natural selection*, 2nd edition (Dover).
 Fisher, R. A., *The theory of inbreeding* (Oliver and Boyd).
 Haldane, J. B. S., *The biochemistry of genetics* (Allen and Unwin).
 Harris, H., *Human biochemical genetics* (C.U.P.).
 Kempthorne, O., *An introduction to genetic statistics* (Wiley).
 Li, C. C., *Population genetics* (Chicago U.P.).
 Mather, K., *Biometrical genetics* (Methuen).
 Neel, J. V., and Schull, W. J., *Human heredity* (Chicago U.P.).
 Pontecorvo, G., *Trends in genetic analysis* (Columbia U.P.).
 Race, R. R., and Sanger, R., *Blood groups in man*, 3rd edition (Blackwell).
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).
 Stebbins, G. L., *Variation and evolution in plants* (Columbia U.P.).
 Swanson, C. P., *Cytology and cytogenetics* (Prentice-Hall).
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism* (Wiley).
 White, M. J. D., *Animal cytology and evolution* (C.U.P.).

Genetics in Botany III and Zoology III.

About eight lectures and practical classes, dealing with aspects of genetics and evolution, as part of Botany III (265) and Zoology III (275).

Modern theory of evolution; variation and its conservation; gene frequency; selection; polymorphism; taxonomic and natural species; isolating mechanisms; evolution of genetic systems.

Reference books:

- Ford, E. B., *Mendelism and evolution*, 7th edition (Methuen, 1960).
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).
 Clausen, J., *Stages in the evolution of a plant species* (Cornell U.P. and C.U.P.).

298. Genetics for the Honours Degree of B.Sc.

Candidates for the Honours degree in Genetics are required to show a more advanced and detailed knowledge of the subject than is required for the Ordinary degree and to pass a more stringent examination. Some particular aspect of Genetics will be studied more intensively and research will be carried out. Candidates will be required to prepare abstracts of selected articles and to present reviews of selected topics.

All the time not necessarily devoted to lectures shall be spent in the laboratory. Candidates are required to attend such lectures and pass such examinations in other subjects as the Professor of Genetics may deem necessary, and they may be required to satisfy him that they have a reading knowledge of French and German.

Students who wish to take the Honours degree should consult the Professor of Genetics as early as possible in order that they can be advised on suitable work and a course of reading.

HISTOLOGY.

301. Histology (1961 and 1962 only).

Pre-requisite subjects: General Physics (221) or Physics I (233); Chemistry I (231); and either Biology (269) or any two of the following three subjects: Botany I, Zoology I, General Mathematics or Mathematics I.

The course comprises two lectures and six hours practical work a week for three terms and includes:

The technique of section preparation. Microscopy, including special methods of examining sections. The structure of the cell and its relation to function. Basic methods of cytochemistry. The histology of intercellular substances and the tissues of the body. The histology of the systems of the body, including basic neurology and neurohistology.

Throughout the course emphasis is laid on structure and its relation to function.

Each student is provided with a loan collection of histological slides; other preparations will be made during the practical classes. Some microscopes are obtainable on loan.

Text-books (latest editions):

Maximow, A. A., and Bloom, W., *Textbook of histology* (Saunders); or Ham, A. W., *Histology* (Lippincott).

Reference books:

Abbie, A. A., *Principles of anatomy*, 3rd edition (Angus and Robertson).
 McClung, C. E., *Handbook of microscopical technique* (Hoeber).
 Pearse, A. G. E., *Histochemistry* (J. and A. Churchill).
 Bourne, G. H., *Cytology and cell physiology* (Clarendon Press).
 Ranson, S. W., *The anatomy of the nervous system* (Saunders).
 Clark, W. E. Le Gros, *The tissues of the body*, 4th edition (O.U.P.).
 Butler, J. A. V., *Inside the living cell* (Allen and Unwin).
 Mitchell, G. A. G., *Anatomy of the autonomic nervous system* (Livingstone).

302. Histology (from 1963).

Pre-requisite subject: Physiology I (287).

The course consists of three lectures and not less than twelve hours' practical work a week. From a morphological background it stresses the relationships between microscopic structure and function in mammalian cells and tissues.

The following subject matter is included: special methods in histology; qualitative microscopic cyto- and histo-chemistry, general principles and localisation of various chemical substances, including enzymes; fine structure of cells and tissues and its relation to function; special study of tissues—differentiation and histogenesis, repair and transplantation, ageing; neurology and neurohistology; special senses.

Text-books:

Ham, A. W., *Histology* (Lippincott); or Maximow, A. A., and Bloom, W., *Textbook of histology* (Saunders).

Reference books:

McClung, C. E., *Handbook of microscopic technique* (Hoeber).
 Bourne, G. H., *Cytology and cell physiology* (Clarendon Press).
 Pearse, A. G. E., *Histochemistry* (Churchill).
 Mitchell, G. A. G., *Anatomy of the autonomic nervous system* (Livingstone).
 Ranson, S. W., *The anatomy of the nervous system* (Saunders).

Other references will be given during the course.

AGRICULTURAL SCIENCE

221. General Physics.

For syllabus, see under the Faculty of Science.

231. Chemistry I.

For syllabus, see under the Faculty of Science.

261. Botany I.

For syllabus, see under the Faculty of Science.

271. Zoology I.

For syllabus, see under the Faculty of Science.

361. Agriculture I.

The course consists of one lecture and two hours' practical work a week for three terms covering:

(a) The history of agriculture; agricultural resources; world population and nutritional standards; the ecology of world crop and livestock distribution; the agriculture of various regions; the history of Australian agriculture; the Australian environment, crop and livestock distribution.

(b) Climatology. The elements of world climate; climates of the earth; climates of Australia; evaporation and rainfall effectiveness; length of growing season; weather variability and hazards; microclimatology; weather modification.

Text-books:

C.S.I.R.O., *The Australian environment* (C.S.I.R.O., Melbourne).

Andrews, J., *Australia's resources and their utilisation* (University of Sydney).

Reference books:

Klages, K. H. W., *Ecological crop geography* (Macmillan).

Hare, F. K., *The restless atmosphere* (Hutchinson).

Miller, A. Austin, *Climatology*, 8th edition (Methuen).

Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilisation in Australia* (M.U.P.).

Russell, E. J., *World population and world food supplies* (Allen and Unwin).

Oxford economic atlas (O.U.P.).

235. Chemistry II.

For syllabus, see under the Faculty of Science.

364. Botany IIB.

This course includes (i) the same work in Plant Physiology and Plant Geography and Ecology as science students in Botany II (262) during the first and third terms; (ii) the same work as science students in Botany III (265) during the second term.

A. PLANT PHYSIOLOGY (i).—Growth; mineral nutrition; pH; water economy of plants; intake of nutrients; growth hormones; photoperiodism. The lectures in this course pre-suppose a knowledge of Chemistry I and General Physics.

Text-book:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).

B. PLANT PHYSIOLOGY (ii).—Enzymes; photosynthesis; respiration; nitrogen metabolism; translocation; fate of assimilates; metabolism under adverse conditions (wilting, mineral deficiency, insect and fungal attack, etc.).

Text-book:

Bonner, J., *Plant biochemistry* (Academic Press).

C. PLANT GEOGRAPHY AND PLANT ECOLOGY.—The lectures will deal with problems of plant distribution and also in more detail with the ecology of South Australia. The practical work deals with the classification of the angiosperms, and candidates are required to submit a representative herbarium of at least 60 species of South Australian plants collected and named by themselves.

For supplementary reading:

- Daubenmire, R. F., *Plants and environment* (Wiley).
 Leeper, G. W., *Introduction to soil science* (M.U.P.).
 Oosting, H. J., *Plant communities* (Freeman).
 Wood, J. G., *Vegetation of South Australia* (Government Printer, Adelaide).

Practical work extending over eight hours a week throughout the course is arranged in connection with the lectures. Field work will be arranged in conjunction with the course in Ecology, see Botany II (262). For text-books and reference books in Systematic Botany, see Botany II (262).

251. Geology I.

For syllabus, see under the Faculty of Science.

366. Genetics IA.

This course in general genetics consists of one lecture and two hours practical work a week throughout the year.

Mendelian inheritance. Linkage and crossing-over and its physical basis. Mitosis and meiosis. Sex linkage. Sex determination and differentiation. Mutation. Multiple alleles. Gene action and interaction. Quantitative inheritance. Cytoplasmic inheritance. Chromosome changes. Polyploidy. Inbreeding and outbreeding. Genetics and evolution.

Text-books:

- Darlington, C. D., *Chromosome botany* (Allen and Unwin).
 Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).
 Mather, K., *The measurement of linkage in heredity* (Methuen).
 Srb, A. M., and Owen, R. D., *General genetics* (Freeman).

371. Agriculture II.

A course of one lecture and three hours' practical work each week for three terms.

Factors in plant production; species and strain, plant introduction, adaptation, ecotypes, selection and breeding of improved varieties, seed certification; soil conditions; growth and nutrient supply, diagnosis and correction of common deficiencies; soil pH and plant growth; growth on saline and alkali soils; influence of soil physical conditions on plant growth; irrigation, tillage, and mulching.

Reference books:

- Black, J. M., *Flora of South Australia* (Government Printer, Adelaide).
 Clausen, J., *Evolution of plant species* (Cornell).
 Donald, C. M., *Pastures and pasture research* (University of Sydney).
 Hubbard, C. E., *Grasses* (Pelican).
 Leeper, G. W., *An introduction to soil science* (M.U.P.).
 Russell, E. J., *Soil conditions and plant growth* (Longmans).
 Shaw, B. T. (ed.), *Soil physical conditions and plant growth* (Academic Press).

372. Agricultural Biochemistry I.

A course of one lecture and three hours practical work a week for three terms, dealing with the structural chemistry and intermediary metabolism of viruses, micro-organisms, plants, insects and higher animals, including the following topics: uptake and utilisation of nutrients by the plant; photosynthesis; metabolism of nitrogenous compounds; relationship between structure and function of agricultural chemicals; fermentation processes; ruminant metabolism; aspects of cereal and dairy chemistry. Practical work will consist of experiments related to the above topics.

A box of analytical weights with a certificate of accuracy is required.

Text-books:

- Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).
 Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).

373. Biometry.

A brief introduction to the methods of statistics applied to agricultural science; distributions, estimates of probability and the concept of significance; comparisons of means and the t-test; the analysis of variance and the variance ratio test; the design and analysis of experiments; correlation and regression and the analysis of covariance; the binomial and Poisson distributions; the χ^2 distribution, tests of independence and goodness of fit; transformation of data; sampling.

Reference books:

- Wishart, J., and Sanders, H. G., *Principles and practice of field experimentation*, 2nd edition (Commonwealth Bureau of Plant Breeding and Genetics, Cambridge, 1955).
 Goulden, C. H., *Methods of statistical analysis*, 2nd edition (Wiley; Chapman and Hall).

374. Entomology I.

A course of one lecture and two hours practical work each week for two terms covering:

1. Outlines of morphology, physiology, development and classification of insects.
2. Insect ecology: factors limiting insect numbers in nature; interaction between the insect population and its environment; special adaptations enabling survival; effects of (a) weather, and (b) parasites and predators, in regulating insect numbers.
3. Principles of artificial control of insects; practical limits; cultural methods; insecticides, kinds, mode of action, limitations; biological methods of control.

Students will be required to make a collection of not less than 30 species of insects. In addition, an essay or set of notes recording observations made at the time the insects were collected (minimum 1000 words) should accompany the collection. Both collection and essay (or notes) must be submitted during the first week of the final term. It is recommended that the collection should be commenced in the long vacation preceding the course. Students should arrange to call on the Department of Entomology to obtain necessary equipment and instruction sheets before commencing the long vacation.

Text-books:

- Imms, A. D., *Outlines of entomology*, 5th edition (Methuen, 1959).
 Wigglesworth, V. B., *Insect physiology*, latest edition (Methuen).

Reference books:

- Imms, A. D., *General text-book of entomology*, revised edition (Methuen, 1957).
 Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).
 Essig, E. O., *College entomology* (Macmillan).
 Metcalf, C. L., and Flint, W. P., *Destructive and useful insects*, 3rd edition (McGraw-Hill).
 Martin, H., *Scientific principles of plant protection* (Longmans).

375. Agricultural Microbiology.

This course involves six hours a week for one term.

An introduction to the micro-organisms; their morphology, physiology, cultivation and general classification; the importance of micro-organisms in soil, water and air, and their use in industry; the microbiology of foods.

Reference book:

- Clifton, C. E., *Introduction to the bacteria* (McGraw-Hill).

377. Plant Pathology I.

A course of one lecture and two hours' practical work each week for two terms covering:

The nature of plant disease; physiological disorders and diseases caused by bacteria, viruses, fungi, nematodes with examples of each class occurring in Australia; principles of disease control, environmental, cultural practices, use of therapeutics, resistant varieties, legislation.

Text-books:

Alexopoulos, C. J., *Introductory mycology* (Wiley).
Walker, J. C., *Plant pathology* (McGraw-Hill).

Reference books:

Bawden, F. C., *Plant viruses and virus diseases*, 3rd edition (Chronica Botanica).
Dickson, J. G., *Diseases of field crops*, 2nd edition (McGraw-Hill).
Dowson, W. J., *Manual of bacterial plant pathogens*.
Fawcett, H. C., *Citrus diseases and their control* (McGraw-Hill).
Hambidge, G., *Hunger signs in crops* (Amer. Soc. Agronomy).
Large, E. C., *The advance of the fungi* (Alden Press).
Martin, H., *Scientific principles of plant protection*, 4th edition (Arnold).

378. Agricultural Botany.

A course of one lecture and three hours' practical work each week for two terms devoted to the application of botanical principles to an understanding of growth, yield and quality of economic plants.

Pastures: meristems; differentiation and leaf growth; the influence of internal and external factors on the growth of leaves.

Weeds: morphological and physiological characteristics of roots, rhizomes, tubers and bulbs; physiological action of different types of weedicides.

Fruit trees: changes during development and maturation of selected fruits; the influence of growth regulators on fruit bud initiation and development; post-harvest physiology of fruit.

Cereals: morphology of the cereal ear; starch granule synthesis; the influence of environment on development of the ear; physiological aspects of germination.

No text-books are required, but selected reading will be assigned.

379. Soil Science I.

A course of one lecture and three hours' practical work a week for three terms, dealing with aspects of the chemistry and physics of soils, including soil morphology and soil mineralogy. Topics considered include: classification; soil formation; physical chemistry of soil minerals; chemistry of plant nutrients supplied by soil; soil organic matter; soil water; soil gases; some aspects of wind and water erosion, irrigation and drainage. Practical work will consist of experiments related to the above topics. A box of analytical weights with a certificate of accuracy is required.

Text-books:

Russell, E. W., *Soil conditions and plant growth*, 8th edition (Longmans).
Leeper, G. W., *Introduction to soil science* (M.U.P.).

Reference book:

Stephens, C. G., *A manual of Australian soils* (C.S.I.R.O.).

382. Animal Husbandry I.

The course comprises the following sections:—

Animal Physiology.—A course of one lecture a week for two terms and two hours' practical work for one term. An introduction to the physiology of heart and circulation; blood and spleen; respiration; the nervous systems; renal functions; endocrines; digestion. Practical work includes a dissection of the sheep and an examination of the microscopic structure of tissues and organs.

Animal Nutrition.—A course of one lecture a week for two terms dealing with nutritional balances; animal calorimetry; basal metabolism; energy requirements and the dietary systems; protein metabolism and requirements for growth and production; mineral requirements, deficiencies and excesses.

Animal Production.—A course of one lecture a week for one term which deals with practical nutrition and problems of management and production in the Australian livestock industries.

Animal Breeding.—A course of one lecture a week for one term introducing the main postulates of population genetics; mass selection; aids to selection; breeding systems; migration and breed structure.

Reference books:

- May, N., *The anatomy of the sheep* (Queensland U.P.).
 Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox).
 Ham, A. W., *Histology*, 2nd edition (Lippincott).
 Maynard, L. A., and Loosli, J. K., *Animal nutrition* (McGraw-Hill).
 Lerner, I. M., *Population genetics and animal improvement* (C.U.P.).

383. Farm Engineering.

A course of one lecture a week for three terms dealing with the principles, construction and performance of farm implements and machinery, including implements of tillage, seeding, haymaking, harvesting and transport and machinery for processing of agricultural products.

The principles governing the operation of internal combustion engines, diesel engines, steam engines, boilers, electrical motors, and refrigeration.

Reference books:

- Know your tractor* (Shell).
 Bainer, R., and others, *Farm machinery* (Wiley).
 Henderson, S. M., and Perry, R. L., *Agricultural process engineering* (Wiley).
Farm electrification handbook (Electricity Supply Association of Australia).
 Barger, E. L., et al., *Tractors and their power units* (Wiley).
 McColly, H. F., and Martin, J. W., *Introduction to agricultural engineering* (McGraw-Hill).
 Smith, H. P., *Farm machinery and equipment* (McGraw-Hill).

156. Agricultural Economics.

For syllabus, see under the Faculty of Economics.

387. Agriculture III.

A course of two lectures and three hours' practical work each week for three terms.

Pasture Agronomy.—Introduction to agronomy; pasture ecology and types of pasture, adaptation; factors in pasture production, growth curves; species and strains of pasture plants, the ecotype, pasture species of Australia; pasture improvement, principles and practice; effect of environment, species, plant nutrition, grass-legume relationship; grazing animal, ecological relationship to pasture, treading, defoliation, nutrient return, feed quality and quantity problems.

Crop Agronomy.—The production and use of the principal food, fibre, and oil crops. Changes in productivity under various systems of farming.

Land use and development.

Reference books:

- Stapledon, R. G., and Davies, W., *Ley farming* (Faber).
 Wadham, S. M., Wilson, R. K., and Wood, G. L., *Land utilisation in Australia*, 3rd edition (M.U.P.).
 Zimmerman, E. W., *World resources and industries* (Harper).
Rural Reconstruction Commission Reports (Commonwealth Government Printer, Canberra).
 Whyte, R. O., *Crop production and environment* (Faber).
 Robbins, W. W., and others, *Weed control* (McGraw-Hill).

388. Agronomy.

A course of nine hours a week covering:

- (a) Growth and development of pasture plants, competition among crop and pasture plants, weeds and weed control, pasture management and fodder conservation, irrigation and drainage, and experimental method in agronomic research.
- (b) Practical classes and seminars related to the above topics and further taxonomic studies of pasture plants.
- (c) A project of individual study in pasture or crop agronomy together with a study of relevant literature.

Reference books:

Schwab, C. D., *et al.*, *Elementary soil and water engineering* (Wiley, 1957).

As for Agriculture III (387) together with any books or papers prescribed during the course.

389. Animal Husbandry II.

A course of about nine hours lectures and practical work a week for three terms.

Anatomy: A series of lectures on the comparative anatomy of domestic animals; practical dissection involves the special anatomy of the sheep; histology.

Animal Physiology: ruminant digestion and metabolism; mineral metabolism and deficiency diseases; climate physiology and animal ecology; reproduction and lactation; endocrines and homeostasis; growth and development.

Principles of disease control in domestic animals: epidemiology and immunity; bacterial, virus, and protozoal diseases; external parasites; significance of exotic diseases to Australia.

Animal production: animal management and features of sheep, beef, dairying and pig production.

Reading lists will be provided. These will include recent scientific reviews, selected papers and sections of various text-books.

297. Genetics II.

For syllabus, see under the Faculty of Science.

391. Plant Breeding.

A course of nine hours a week of lectures and practical work for three terms covering the role of the plant breeder in agriculture.

Breeding methods in relation to mode of reproduction; critical analysis of breeding and selection methods; techniques of selfing and crossing; variability and its utilization; experimental design and statistical methods; breeding for disease and insect resistance; field testing and seed certification.

Reference books:

Elliott, F. C., *Plant breeding and cyto-genetics* (McGraw-Hill).

Hayes, H. K., Immer, F. R., and Smith, D. C., *Methods of plant breeding*, 2nd edition (McGraw-Hill).

392. Soil Science II.

A course of nine hours lectures and practical work a week for three terms devoted to more advanced studies of the topics listed for Soil Science I (379).

The following topics are discussed: geomorphology and geochemistry; soil genesis; structure and surface properties of clay minerals and accessory minerals; adsorption and swelling phenomena in soils and clays; the flow and diffusion of water and gases in soils; geat flow; thermodynamics of soil water; soil physical conditions and plant growth; ion exchange; behaviour of ions in soils with special reference to nutrient uptake by plants; soil microbiology; chemistry of organic matter and nitrogen transformations in soils.

Practical work will be related to the above topics and will include work on specific projects.

In addition to those text-books listed for Soil Science I (379), the following reference books are recommended:

Reference books:

- Grim, R. E., *Clay mineralogy* (McGraw-Hill).
 Baver, L. D., *Soil physics*, 3rd edition (Wiley).
 Bear, F. E., *Chemistry of the soil* (Reinhold).
 Black, C. A., *Soil plant relationships* (Wiley).
 Marshall, C. E., *The colloid chemistry of the silicate minerals* (Academic Press).
 Jenny, H., *Factors of soil formation* (McGraw-Hill).
 Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).

393. Agricultural Biochemistry II.

A course of nine hours' lectures and practical work a week for three terms. The course includes advanced aspects of physical chemistry, organic chemistry and biochemistry relating to the soil-plant-animal interaction. The following topics are discussed: chemical techniques as applied to agricultural problems; lipoprotein structures in relation to uptake and transport of nutrients; the physical, organic and biochemistry of proteins and nucleic acids; mechanisms of enzymic catalysis; the biochemistry of animal hormones; chemical aspects of response to the environment in micro-organisms, plant and animal; chemical mechanisms controlling cell growth, cell division and cell enlargement; the further aspects of relationship between structure and function in agricultural chemicals; biochemical genetics. The practical work will consist of experiments related to the above topics and will include projects of an investigational nature.

Text-books:

- Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).
 Moore, W. J., *Physical chemistry*, 3rd edition (Longmans).
 English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill).
 Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).
 Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).
 Dixon, M., and Webb, E. C., *Enzymes* (Longmans).
 Reference book:
 Colowick, S. P., and Kaplan, N. O., *Methods in enzymology*, Vols. I-IV (Academic Press).

394. Horticulture.

A course of about nine hours each week of lectures, practical work, demonstrations and field trips for three terms.

Emphasis will be given to the preparation of reports on assigned topics.

Environmental factors affecting horticultural crops; climatic and edaphic; the normal growth of horticultural crops; summer and winter growth, dormancy, bud development, flowering and set, fruit morphology and physiology; the principles underlying such practices as propagation, soil management, irrigation, pruning, crop regulation, harvesting and storage, processing, pest control, the use of growth regulators; consideration of variety improvement, experimental methods, organisation of research and extension, and legislation; horticulture in the world and Australia in particular, and the culture of important horticultural crops.

No text-books are required but selected reading will be assigned.

395. Plant Pathology II.

A course of about nine hours a week for three terms covering:

(a) The history of plant pathology; the classification and morphology of the fungi; fungal physiology; the ecology of fungi and bacteria in relation to diseases they cause; the classification, ecology of and diseases caused by plant parasitic nematodes; the occurrence of plant viruses, their transmission, infection of plants and multiplication; host parasite relationships; basic principles of plant disease control; important diseases in Australia.

(b) A special project involving investigation of a disease of Australian importance, together with the study of relevant literature.

Text-books:

- Alexopoulos, C. J., *Introductory mycology* (Wiley).
 Gaumann, E., *Principles of plant infection* (Crosby Lockwood).
 Walker, J. C., *Plant pathology* (McGraw-Hill).

Reference books:

- Bawden, F. C., *Plant viruses and virus diseases*, 3rd edition (Chronica Botanica).
 Dickson, J. G., *Diseases of field crops*, 2nd edition (McGraw-Hill).
 Dowson, W. J., *Manual of bacterial plant pathogens*.
 Fawcett, H. C., *Citrus diseases and their control*.
 Garret, S. D., *Biology of root infecting fungi* (C.U.P.).
 Hambidge, G., *Hunger signs in crops* (Amer. Soc. Agronomy).
 Large, E. C., *The advance of the fungi* (Alden Press).
Plant pathology: problems and progress, 1908-1958 (University of Wisconsin Press).
 Martin, H., *Scientific principles of plant protection*, 4th edition (Arnold).
 Bessey, E. A., *Morphology and taxonomy of fungi* (McGraw-Hill).

396. Entomology II.

A course of nine hours a week of lectures and practical work, of which three hours weekly shall be devoted to an individual project selected by the student in consultation with the Head of the Department.

The subject matter will comprise the following:

1. Advanced work on insect morphology, physiology, behaviour, development and classification; embryology; specialized life-histories.
2. Advanced ecology; factors influencing the survival and multiplication of insects; insects inhabiting specialized environments. Entomophagous insects; fungal, viral, bacterial, protozoan, and helminthic parasitism of insects.
3. Economic entomology; insects in relation to man, plants, and animals; economic significance; advanced work on insecticidal and biological control.
4. Arthropods other than insects: Crustacea, Myriapoda, Arachnida. The biology, classification, and economic relations of the Acarina.
5. A brief introduction to the history of entomology.

Reference books:

Those listed for Entomology I (374), and books and papers referred to during the course.

398. Farm Demonstrations.

When enrolling for the course, each student is required to submit a statement of his previous experience, if any, in practical farming.

Students seeking to do practical work during any vacation at Roseworthy Agricultural College must advise the Principal of Roseworthy Agricultural College a fortnight before the commencement of the May or August vacation, and by the 15th November in the case of summer vacations.

In addition students in Agricultural Science are required in the third and fourth years of the course to attend organised tours of various agricultural areas of South Australia.

During the third year of the course, the day spent each week at Roseworthy Agricultural College will include two to three hours of demonstration of various farm practices.

FACULTY OF ENGINEERING

402. Architectural Theory, Construction and Practice II.

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

Pre-requisite subject: Architectural Design II; Architectural Design III should be taken concurrently.

PART A: Fine arts and aesthetics: A course of lectures and a series of visits to art collections in which a study is made of the elements common to all art: the means of expression; the bases of criticism; common terminology; appreciation. As a means of training the critical faculty a study is made of past theories and their practical effects, successes and failures.

Text-books:

- Halliday, F. E., *Five arts* (Duckworth).
Robertson, H. M., *Principles of architectural composition* (Architectural Press).
Robertson, H. M., *Modern architectural design* (Architectural Press).
Newton, E., *European painting and sculpture* (Penguin).

Reference books:

- McMahon, A. P., *Art of enjoying art* (Whittlesey House).
Scott, G., *Architecture of humanism* (Constable).
Clark, K., *Gothic revival* (Constable).
Read, H., *The meaning of art* (Faber).
Towndrow, F. E., *Architecture in the balance* (Chatto and Windus).
Malraux, Andre, *The voices of silence* (Doubleday).
Mumford, L., *Art and technics* (O.U.P.).

PART B: History of furniture design: A course of lectures on the development and design of English furniture, with visits to collections.

Text-book:

- Gottshall, F. H., *How to design period furniture* (Batsford).

Reference books:

- Eberlein, H. D., and McClure, A., *Practical book of period furniture* (Lippincott).
Cotchett, L. E., *The evolution of furniture* (Batsford).

PART C: Historical development of planning: historical survey as a preliminary to planning. Ancient planning in Egypt, Mesopotamia, etc. Greek, Hellenistic and Roman planning. Mediaeval planning—the development of mediaeval towns and bastides. The Renaissance—the rise and design of the Renaissance towns. The Industrial Revolution and modern tendencies—forms and growth of transport, ideal towns and the impact of social reform. Planning in the Australian colonies—early planners and influences from abroad.

Text-book:

- Abercrombie, Sir Patrick, *Town and country planning* (O.U.P.).

Reference books:

- Haverfield, F., *Ancient town planning*.
Tout, T. F., *Mediaeval town planning*.
Hughes and Lamborn, *Towns and town planning*.
Hackett, B., *Man, society and environment* (Marshall).
Stewart, C., *A prospect of cities* (Longmans).
Walkley, G., *Pioneer planning of British Colonies* (Proceedings of the R.G.S., S.A. Branch, Session 1954-55).

PART D: Sanitary science: A course of lectures on principles and practice of sanitation, sewerage and trade wastes, types of drain and drain laying, jointing methods, trenches and trench timbering, drain testing, cisterns and flushometers, water supply and storage, sewerage ejectors, traps, trap syphonage and protection, ventilation of drains and waste pipes, fittings and fixtures used in building, lay-out and design of sanitary plumbing installations.

PART E: Practical work: A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

403. Architectural Theory, Construction and Practice III.

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

Pre-requisite subject: Architectural Theory, Construction and Practice II.

PART A: Acoustics of buildings: General phenomena, geometrical investigation, reverberation, methods of using absorption materials, loudness and intelligibility, pitch and quality, musical sounds and partials, analysis of rooms for various purposes; transmission of sounds, noise reduction.

Text-book:

Knudsen and Harris, *Acoustical designing in architecture* (Wiley).

Reference book:

Bagenal, H., and Wood, Alex., *Planning for good acoustics* (Methuen).

PART B: Heating and ventilation: Standards of comfort, humidity, air movement, transfer of heat, coefficients, systems involved, pipe sizes, movement of air, evaporative cooling, conditioned air, duct sizes, systems involved, hot water supply, reticulation and equipment. The codes and regulations involved.

PART C: Electrical installations: General principles involved with demonstrations in the electrical laboratory; wiring systems, switchboards, equipment, illumination. Lifts, etc.: Traffic studies, capacities, types, methods of operation, safety devices, indicator systems, signalling systems. The codes and regulations involved.

PART D: Professional practice: The architect in his relation to client and to builder; the functions of the architect, consultants; office management; business relations; ethics; the R.A.I.A. code; the architect and the law; contract documents; R.A.I.A. conditions of contract; arbitration; architects' charges; dissection of services; R.A.I.A. scales of charges, competitions; R.A.I.A. control and requirements.

Reference books:

Hudson, A. A., *Law of building and engineering contracts* (Sweet and Maxwell, or Law Book Co.).

Creswell, H. B., *Honeywood file* (Architectural Press).

Creswell, H. B., *Honeywood settlement* (Architectural Press).

R.A.I.A. Year Book, *Standard documents*.

Time saver standards (Architectural Record).

Eggleston, A. S., *The practising architect* (M.U.P.).

PART E: Town planning practice: A course of lectures and some practical exercises on the practice of town and country planning. The nature and purpose of planning. Survey and analysis. Land use. Zoning. Communications. Building developments. Population densities. Floor space index. The master or broad outline plan. The detail plan. Technique of presentation.

Text-book:

Brown, A. J., and Sherrard, H. M., *Town and country planning* (M.U.P.).

PART F: Practical work: A course of lectures and more advanced exercises on office practice and preparation of drawings and specifications. Visits to buildings, complete or under construction. Estimating; examination of methods used by the quantity surveyor; architect's methods of estimating from the sketch drawings.

413. Architectural Design III.

This syllabus applies only to the few remaining candidates for the degree of B.E. in Architectural Engineering.

Pre-requisite subjects: Architectural Design II (412), Architectural Theory, Construction and Practice I (401). Architectural Theory, Construction and Practice II (402) should be taken concurrently.

A continuation of the course of study in Design II, including more advanced planning problems, places of entertainment, decoration and display technique, grouping of buildings, relationship to environment, and landscape architecture. Problems are related to the working-drawing and specification courses covered in Architectural Theory, Construction and Practice II.

Reference book:

Michaels, L., *Contemporary structure in architecture* (Reinhold).

419. Architectural Thesis.

Pre-requisite subject: Architectural Design III. Structural Design must be taken concurrently if not already passed.

Students comply with the R.A.I.A. testimonies of study requirements in architectural design and prepare an original design for a building costing not less than £250,000, submitting with it a report explaining the basis of the design, with references. The work is to be done as far as possible without assistance.

421. Civil Engineering I.

Pre-requisite subjects: Mathematics I (Engineering) (213), Mechanics (212), Strength of Materials (436).

This course consists of three lectures and six hours' practical work a week throughout the year and is designed for students intending to complete a degree in Civil Engineering.

LECTURES: The theory of statically determinate and indeterminate cases of beams, triangulated frames and rigid frames, two- and three-pin arches and suspension cables; reinforced concrete and prestressed concrete; soil mechanics; the design of structures.

PRACTICAL: Design projects are carried out under supervision in the drawing office, and laboratory work is intended to illustrate the subject matter of the lectures.

Text-books:

Speedie, M. G., and O'Donnell, I. J., *Foundation methods* (Tait Book Co.).

Pearson, R. G., *Timber engineering design handbook* (M.U.P.).

Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw-Hill); or

Sutherland, H., and Bowman, *Structural theory* (Wiley); or

Gaylord, E. H. and C. N., *Design of steel structures* (McGraw-Hill); or

Grinter, L. E., *Theory of modern steel structures*, Vols. I and II (Macmillan).

Standards Association of Australia:

Minimum design loads on buildings, Interim 350.

Structural steel in buildings, Interim 351.

Manual metallic arc welding in building construction, Interim 352.

Reference books:

Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

Urquhart, L. C., O'Rourke, C. E., and Winter, G., *Design of concrete structures*, 6th edition (McGraw-Hill).

Hansen, H. J., *Modern timber design* (Wiley).

Reece, P. O., *An introduction to the design of timber structures* (Spon).

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

422. Civil Engineering II.

PART A.—Pre-requisite subjects (for 1961): Surveying I (437); Division I passes or higher in Civil Engineering I (431), and Hydraulics (434).

A course of about 80 lectures dealing with soil mechanics; surveying; hydraulics; water supply; transport engineering; harbour engineering.

Two sessions a week are required for practical work and seminars, each of three hours.

Text-books:

Clark, D., *Plane and geodetic surveying for engineers*, Vols. I and II (Constable).

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

Reference books:

- Rouse, H., *Engineering hydraulics* (Wiley).
 Terzaghi, K., *Theoretical soil mechanics* (Wiley).
 Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).
 Hewes, L. J., and Oglesby, C. H., *Highway engineering* (Wiley).
 Bannister, A., and Raymond S., *Surveying* (Pitman).
 Rainsford, H. F., *Survey adjustments and least squares* (Constable).
 Reynolds, C. E., *Concrete construction* (Concrete Publications).
 Stephenson, H. W., *Solution of problems in surveying and field astronomy* (Pitman).
 Moroney, M. J., *Facts from figures* (Penguin).

PART B.—Pre-requisite subject: A pass in Division 1, or higher, in Civil Engineering I (431).

A course of about 50 lectures dealing with the theory and design of structures. Students must undertake the design of selected engineering projects and will be required to attend seminars.

Text-books:

- Grinter, L. E., *Theory of modern steel structures*, Vol. II (Macmillan).
 Pippard, A. J. S., and Baker, J. F., *Analysis of engineering structures*, 2nd edition (Arnold).

PART C.—Students will be required to submit a report on a project of an experimental nature conducted during the year.

Part C must be taken concurrently with Part A.

425. Civil Engineering S.

Pre-requisite subjects: Mathematics I (Engineering) (213), Mechanics (212), Strength of Materials (436).

This course consists of two lectures and three hours' practical work a week throughout the year, and is designed for students not intending to complete a degree in Civil Engineering.

The course covers the theory of statically determinate and indeterminate cases of beams, frames, arches and suspension cables, and simple cases of the plastic theory of structures.

Lectures and drawing office work on the design of structures are included, together with lectures on concrete and reinforced concrete structures and some elementary soil mechanics.

The text- and reference books are the same as for Civil Engineering I (421).

426. Hydraulics A.

Pre-requisite subjects: Mathematics II (Engineering) (214), Mechanics (212), Graphics (481).

This course consists of two lectures and three hours' practical work a week throughout the year, and is designed for students intending to complete a degree in Civil Engineering.

LECTURES: Fluid properties and the nature of fluid motion — steady, unsteady, uniform, non-uniform, rotational and irrotational; fundamental laws of fluid motion, equation of motion for inviscid (Euler) and real fluids (Navier-Stokes), the equation of continuity in general form for compressible and incompressible flow; dimensional analysis and dimensionless groups; study of flow in closed conduits — pipelines, networks steady and unsteady flow, water hammer and pendulation, surge-tank analysis; flow in open channels; flow through porous media, detailed treatment analytic and graphical (of Laplace form); fluid forces on a body in a free stream; elements of boundary layer theory; theory — similitude applied to hydraulic and aerodynamic model studies of hydraulic structures; performance of pumps and turbines with their characteristics influencing their selection for particular applications; hydraulic measurements — pressure, velocity, discharge, depth, orifices, weirs, etc.; cavitation of hydraulic structures.

PRACTICAL: Experimental work in the laboratory and field occupies about two-thirds of the time and the balance is spent in the design office.

Text-books:

Rouse, H. (ed.), *Engineering hydraulics* (Wiley).

Reference books:

Rouse, H., and Ince, S., *History of hydraulics* (Iowa Institute of Hydraulics).

Jaeger, C., *Engineering fluid mechanics* (Blackie).

427. Hydraulics B.

Pre-requisite subjects: Mathematics I (Engineering) (213), Mechanics (212), Graphics (481).

This course consists of one lecture a week throughout the year and three hours' practical work a week for one term, and is taken by students intending to complete a degree in Mining Engineering.

LECTURES: Fluid properties and the nature of fluid motion—steady, unsteady, uniform, non-uniform, rotational, irrotational; fundamental laws of fluid motion, equation of motion (Euler), equation of continuity for compressible and incompressible flow; dimensional analysis and dimensionless groups; analysis of flow in closed conduits—pipelines, networks (water and ventilation) steady and unsteady flow, water hammer; flow in open channels; flow through porous media, flow nets, graphical solutions, drainage problems; pump and fan characteristics, selection, use and matching to specific loads; model theory and application; hydraulic and aerodynamic measurements.

PRACTICAL: Laboratory experiments and design office studies are intended to illustrate the subject matter of the lectures.

Text-books:

Rouse, H. (ed.), *Engineering hydraulics* (Wiley); or

Francis, J. R. D., *A text-book of fluid mechanics* (Arnold); or

Streeter, V. L., *Fluid mechanics* (McGraw-Hill); or

Daugherty, R. L., and Ingersoll, A. C., *Fluid mechanics with engineering applications* (McGraw-Hill).

Reference books:

Prandtl, L., *Essentials of fluid dynamics* (Blackie).

Goldstein, S., *Modern development in fluid dynamics* (O.U.P.).

Jaeger, C., *Engineering fluid mechanics* (Blackie).

428. Hydraulics S.

Pre-requisite subjects: Mathematics II (Engineering) (214), Mechanics (212), Graphics (481).

This course consists of one lecture a week throughout the year and three hours' practical work a week for one term, and is taken by students intending to complete a degree in Electrical Engineering.

LECTURES: Fluid properties and the nature of fluid motion—steady, unsteady, uniform, non-uniform, rotational, irrotational; fundamental laws of fluid motion, equation of motion for inviscid fluid (Euler), the equation of continuity in general form for compressible and incompressible flow; elements of dimensional analysis and dimensionless groups; flow of fluids in closed conduits—pipelines, networks steady and unsteady flow, application to hydro-electric projects, surge-tank analysis and water hammer; flow around immersed bodies, Joukowski lift theorem, elements of aerofoil theory, the nature of lift and drag, elements of boundary layer theory; model theory and application; characteristics of pumps, fans and turbines, performance and factors influencing their selection for particular application—cooling circuits, etc.; elements of magneto-hydrodynamics and application to special pumps; hydraulic measurements—digital and analogue.

PRACTICAL: Laboratory experiments and design office studies are intended to illustrate the subject matter of the lectures.

Text-books:

Francis, J. R. D., *A text-book of fluid mechanics* (Arnold); or

Streeter, V. L., *Fluid mechanics* (McGraw-Hill).

Reference books:

Prandtl, L., *Fluid dynamics* (Blackie).

Rouse, H. (ed.), *Engineering hydraulics* (Wiley).

Jaeger, C., *Engineering fluid mechanics* (Blackie).

Streeter, V. L., *Fluid dynamics* (McGraw-Hill).

Rouse, H., *Advanced mechanics of fluids* (Wiley).

430. Instrumentation.

Pre-requisite subjects: Mathematics II (Engineering) (214), Electrical Engineering S (445).

This course consists of one lecture and three hours' practical work a week throughout the year.

LECTURES: Elements of electronic circuits using solid state elements and vacuum tubes; amplifiers; oscillators; counting and triggering circuits; stabilizer and power supply details and characteristics; special valves; C.R. tubes; thyatrons; methods of electrical measurements—analogue and digital; physical measurements and general transducer characteristics and performance; data recording and collection methods, photographic, chart, magnetic tape, etc.; measurement of time, radioactivity, etc.

PRACTICAL: Laboratory and field experiments are intended to illustrate the subject matter of the lectures.

Reference books:

Partridge, G. R., *Principles of electronic instruments and instrumentation* (Pitman).

Terman, F. E., *Radio engineer handbook* (McGraw-Hill).

Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).

Carroll, J. M., *Transistor circuits and application* (McGraw-Hill).

U.S. Department of the Army, *Basic theory and application of transistors* (U.S. Government Printing Office).

Hunter, L. P., *Handbook of semi-conductor electronics* (McGraw-Hill).

431. Structural Design.

Pre-requisite subject: Civil Engineering I (431).

Students attend on three afternoons a week throughout the year and undertake the complete design of selected engineering structures. They are required also to attend certain lectures in Civil Engineering II, Part B, as directed.

Students will be assessed on the work of the year, but in addition may be required to pass a practical examination in design.

432. Strength of Materials.

Pre-requisite or concurrent subjects: Mathematics I (Engineering) (213), Mechanics (212).

Students are required to undergo a course of experimental work on the testing and mechanics of materials and to complete the work prescribed in the drawing office.

Stress and strain; normal and shear stress; Hooke's law; mechanical properties of materials; testing of materials; the strength and stiffness of beams; bending moment and shear force diagrams; moments of resistance; distribution of shearing stresses; built-up beams; bending not in plane of symmetry; bending not in plane of principal axes; riveted and welded joints; simple framed structures; combined stresses; plane stresses; principal stresses; theories of failure; deflections of beams; beams with fixed ends; continuous beams; plate girders; reinforced concrete beams; columns and struts; combined bending and axial loading of short columns; centrally and eccentrically loaded long columns; torsion of round shafts; combined bending and twisting; cylinders subjected to internal and external pressures; curved beams; strain energy; elements of experimental stress analysis; stress concentration.

Text-book:

Timoshenko, S., and McCullough, G. H., *Elements of strength of materials* (Van Nostrand).

Reference books:

Seeley, F. B., and Smith, J. O., *Resistance of materials* (Wiley).

Shanley, F. R., *Strength of materials* (McGraw-Hill).

433. Surveying A.

Pre-requisite subjects: General Mathematics (201) at Division I or higher standard, Graphics (481).

One lecture a week throughout the year dealing with 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 (435) before being credited with this subject.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable).

Reference books:

Bannister, A., and Raymond, S., *Surveying* (Pitman).

McPherson, D. H., and Ray, P. N., *Surveying solutions to B.Sc. (Eng.) exam. questions London University* (Macdonald).

Students should provide themselves with six or seven-figure logarithmic tables, such as Chambers's *Shorter six-figure mathematical tables*, or Chambers's *Seven-figure mathematical tables*.

434. Surveying B.

Pre-requisite subjects: General Mathematics (201) at Division I or higher standard, Graphics (481).

A short course consisting of one lecture and three hours' drawing office work a week for one term, comprising elementary treatment of the principles of surveying, map interpretation, and earthwork computations, etc., required in connection with the siting of industrial plants.

Text-book:

Bannister, A., and Raymond, S., *Surveying* (Pitman).

Reference book:

McPherson, D. H., and Ray, P. N., *Surveying solutions to B.Sc. (Eng.) exam. questions London University* (Macdonald).

435. Survey Camp (First).

Students must attend lectures and practical classes in Surveying A (433) before attending a survey camp.

A field camp extending over about three weeks is held each year in the long vacation. Quarters and stretchers are provided, but students must arrange for their own transportation and bedding and subscribe funds necessary for the provision and preparation of meals. Students must comply with all regulations dealing with conduct in camp.

Students must complete survey plans from data obtained at the camp, and submit such plans with field notes, etc., for inspection by a date fixed by the lecturer-in-charge. The survey plans form part of the work of the camp, and must be approved before attendance at the camp can be credited.

A candidate whose work at the camp is considered by the lecturer-in-charge not to be satisfactory may be required to do additional practical work in the first term of the following year.

Entry for the camp should be made before the end of second term.

436. Survey Camp (Second).

This camp is for Civil Engineering students who normally attend in the final year of the course.

The camp is of about three weeks' duration, and is held during a vacation. Quarters and stretchers are provided, but students must arrange for their own transportation and bedding and subscribe funds necessary for the provision and preparation of meals. Students must comply with all regulations dealing with conduct in camp.

Students carry out more advanced exercises in surveying. Field note books together with all necessary computations and plans must be submitted and approved before attendance at the camp can be credited.

A candidate whose work at the camp is considered by the lecturer-in-charge not to be satisfactory may be required to do additional practical work in the term following the camp.

Entry for the camp should be made before the end of first term.

441. Electrical Engineering I.

Pre-requisite subjects: Physics A (Engineering) (222A), Mathematics I (Engineering) (213), Mechanics (212).

This is a course in fundamentals designed to give a suitable foundation for students intending to complete an Electrical Engineering Degree.

LECTURES: The course of 4 lectures a week throughout the year is divided into four sections, each taking approximately one-quarter of the total available time:

Network theory; Kirchhoff's laws, methods of network solution; free and forced solutions, A.C. circuits, polyphase systems; theorems; four terminal networks; lumped networks; selective networks; magnetic coupling.

Energy storage and conversion: Physical aspects; electromagnetic induction; energy and mechanical forces; operation of transformers and rotating machinery; energy balance in electromechanical energy conversion; principles and performance of energy storage and conversion systems.

Electronic devices and circuits: Electronic circuit elements; vacuum and gas tubes; semiconductor devices and graphical and equivalent circuit methods; amplifier principles and performance, rectifier circuits, power supplies; feedback principles and oscillators.

Electrical measurements.

TUTORIAL: One hour a week throughout the year devoted to the working and discussion of problems, and the discussion of practical and theoretical topics.

PRACTICAL: Six hours practical a week throughout the year, comprising a series of experiments and exercises designed to illustrate the subject matter of the lectures.

Reference books:

- Frank, E., *Electrical measurement analysis* (McGraw-Hill).
- Johnson, W. C., *Transmission lines and networks* (McGraw-Hill).
- Guillemin, E. A., *Introductory circuit theory* (Wiley).
- Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).
- Fitzgerald, A. E., and Kingsley, C., *Electric machinery* (McGraw-Hill).
- White, D. C., and Woodson, H. H., *Electromechanical energy conversion* (Wiley).
- Zimmermann, H. J., and Mason, S. J., *Electronic circuit theory* (Wiley).
- Fitchen, F. C., *Transistor circuit analysis and design* (Van Nostrand).
- Angelo, E. J., *Electronic circuits* (McGraw-Hill).

TOOLS: Screwdriver, pliers, electric soldering iron.

442. Electrical Engineering II.

Pre-requisite subjects: A Division I pass, or higher, in Electrical Engineering I (441), Mathematics II (Engineering) (214), Strength of Materials (436).

LECTURES: Four lectures a week throughout the year.

(a) General electromagnetic theory, Maxwell's equation, propagation; (b) one lecture a week devoted to electrical power, including transformers, machines, transmission lines and symmetrical components; (c) one lecture a week devoted to electronics, including a further development of amplifier theory, modulation, detection and feedback. An elementary treatment of network theory, filters and transmission lines; (d) one lecture a week devoted to automatic control with special emphasis on servomechanisms. In addition to the general theory, the course will include transducers, electro-mechanical analogies, magnetic amplifiers and servo-motors.

TUTORIAL: One hour a week throughout the year devoted to the working and discussion of problems, and the discussion of practical and theoretical problems.

PRACTICAL: Practical work of six hours a week will be arranged to illustrate the above course, accompanied by appropriate lectures on techniques of measurements.

Text-books:

- Johnson, W. C., *Transmission lines and networks* (McGraw-Hill); or
 Stewart, J. L., *Circuit analysis of transmission lines* (Wiley, 1958).
 Seely, S., *Electron tube circuits* (McGraw-Hill).
 Fitzgerald, A. E., and Kingsley, C., *Electric machinery* (McGraw-Hill).
 Parker-Smith, S., *Problems in electrical engineering* (Constable).
 Starr, A. T., *Generation, transmission and utilisation of electrical power*
 (Pitman).
 Chestnut, H., and Mayer, R. W., *Servomechanisms and regulating system
 design*, Vol. 1 (Wiley).
 Van Valkenburg, M. E., *Network analysis* (Prentice-Hall).

Reference books:

- Savant, C. J., *Basic feedback control system design* (McGraw-Hill).
 Seely, S., *Introduction to electromagnetic fields* (McGraw-Hill).
 Fano, R. M., Lan Jen Chu, and Adler, R. B., *Electromagnetic fields,
 energy, forces* (Wiley).
 Everitt, W. L., *Communication engineering* (McGraw-Hill).
 Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).
 Stevenson, W. D., *Elements of power system analysis* (McGraw-Hill).
 Westinghouse Electric Manufacturing Co., *Electrical transmission and
 distribution reference book*.
 Golding, E. W., *Electrical measurements and measuring instruments* (Pit-
 man).
 Jaeger, J. C., *Introduction to the Laplace transformation* (Methuen).
 Harris, F. K., *Electrical measurements* (Wiley).
 Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).
 Stewart, J. L., *Circuit theory and design* (Wiley, 1956).
 Langsdorf, A. S., *Principles of D.C. machines* (McGraw-Hill).
 Lawrence, R. R., and Richards, H. E., *Principles of A.C. machinery*
 (McGraw-Hill).
 Barlow, H. M., and Cullen, A. L., *Microwave measurements* (Constable).
 Shea, R. F., *Principles of transistor circuits* (Wiley).
 Laws, F. A., *Electrical measurements* (McGraw-Hill).
 Lauer, H., Lesnick, R., and Matson, L. E., *Servomechanism fundamentals*
 (McGraw-Hill).
 Brown, G. S., and Campbell, D. P., *Principles of servomechanisms*
 (Wiley).
 Wagner, C. F., and Evans, R. D., *Symmetrical components* (McGraw-
 Hill).
 Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).
 Chance, B., *et al.*, *Wave forms* (McGraw-Hill).
 Chestnut, H., and Mayer, R. W., *Servomechanisms and regulating system
 design*, Vol. 2 (Wiley).
- Additional references will be given during the course.

443. Electrical Engineering III.

Pre-requisite subject: Electrical Engineering II (442).

Approximately 8 lectures a week throughout the year.

The course is divided as follows:

Part A.—Includes work which is basic to all branches of Electrical Engineering and is taken by all students.

Part B.—For Part B, students may select *either* Electrical Power *or* Electronics.

Following is a more detailed account of the contents of the various lecture series:

PART A

Network analysis, electrical transients, Laplace and Fourier transforms, transmission lines and filters, modulation and information studies, semiconductor devices and circuits, binary algebra, programming and structure of digital computers, analogue computers. Topics relating to the heating, cooling and dynamics of rotating machine and power system stability.

Specialist Lectures.—During the year, students are required to attend specialist lectures given by practising engineers from industry and government establishments.

PART B

Electrical Power: Synchronous and asynchronous machines, rotating machine design principles, power transmission, power system stability and the protection of power systems.

Electronics: Electronic circuits, television, propagation, electromagnetic theory and microwaves.

Reference books:

- Wagner, *Analytical transients* (Wiley).
 Lanczos, C., *Applied analysis* (Pitman).
 Black, H. S., *Modulation theory* (Van Nostrand).
 Caldwell, S., *Switching circuits and logical design* (Wiley).
 Richards, R. K., *Arithmetic operations in digital computers* (Van Nostrand).
 Richards, R. K., *Digital computer components and circuits* (Van Nostrand).
 Shea, R. F., *Principles of transistor circuits* (Wiley).
 Shea, R. F., *Transistor circuit engineering* (Wiley).
 Hurley, R. B., *Junction transistor electronics* (Wiley).
 McCracken, D. D., *Digital computer programming* (Wiley).
 Jeanel, J., *Programming for digital computers* (McGraw-Hill).
 Fitzgerald, A. C., and Kingsley, C., *Electric machinery* (McGraw-Hill).
 Kuhlmann, J. H., *Design of electrical apparatus* (Wiley).
 Mortlock, J. R., and Davies, M. W. H., *Power system analysis* (Chapman and Hall).
 Rissik, H., *Power system interconnection* (Pitman).
 Carr, T. H., *Electrical power stations* (Chapman and Hall).
 Cray, S. B., *Power system stability*, Vols. I and II (Wiley).
 M.I.T. Radar School, *Principles of radar* (McGraw-Hill).
 Ragan, G. L., *Microwave transmission circuits* (McGraw-Hill).
 Stewart, J. L., *Circuit theory and design* (Wiley).
 Storer, J. E., *Passive network synthesis* (McGraw-Hill).
 Bruel, P. V., *Sound insulation and room acoustics* (Chapman and Hall).
 Terman, F. E., *Radio engineer's handbook* (McGraw-Hill).
 Cherry, E. C., *Pulses and transients in communication circuits* (Chapman and Hall).
 Davies, O. L., *Statistical methods in research and production* (Oliver and Boyd).
 Valley, G. E., and Wallman, H., *Vacuum tube amplifiers* (McGraw-Hill).
 Johnson, C. L., *Analogue computer techniques* (McGraw-Hill).
 Truxal, J. G., *Automatic feedback control system synthesis* (McGraw-Hill).
 Vickers, Herbert, *The induction motor* (Pitman).

444. Electrical Engineering Project

Pre-requisite subject: Electrical Engineering II (442).

Seminar.—Each candidate will be required to prepare a written report on an approved topic and deliver it as a paper.

Experimental Investigation.—Each candidate will be required to submit a report on a project carried out during the year in a field in which he is particularly interested. This will involve a theoretical survey and the design, development and testing of equipment.

445. Electrical Engineering S.

Pre-requisite subjects: Physics A (Engineering) (222A), Mathematics I (Engineering) (213), Mechanics (212).

The course consists of two lectures and one three-hour laboratory session a week throughout the year and is designed for students not intending to complete a degree in Electrical Engineering.

The lecture course comprises:

- (a) One lecture a week for two terms devoted to network theory, including complexor and symbolic notations, two and four terminal networks, network theorems and application.

- (b) One lecture a week throughout the year on machinery, including fundamental concepts of energy storage and conversion, transformer and rotating machine principles, characteristics and performance.
- (c) One lecture a week for one term on automatic control, being an introduction to simple methods of analysis, application and performance.

Practical work in the laboratory is designed to illustrate the subject matter of the lectures.

Tools: Screwdriver, pliers.

Reference books:

Hirst, A. W., *Applied electricity* (Blackie).

Cotton, H., *Electrical technology* (Pitman).

Standards Association of Australia, *Wiring rules, Part I.*

B.S.S. No. 205—*Glossary of terms, electrical engineering.*

447. Electronics.

Pre-requisite subject: Electrical Engineering S (445).

The course consists of one lecture a week throughout the year and three hours' practical work a week for two terms. It is designed for students proceeding to the degree in Mechanical Engineering.

Electronic circuit elements; characteristics and analysis of performance of vacuum tubes, gas tubes, semi-conductor devices and cathode ray tubes; conventional amplifier, oscillator and rectifier circuits; feedback principle; power supplies.

Reference books will be prescribed during the course.

451. Mechanical Engineering IA.

Pre-requisite subjects: Mechanics (212), Mathematics II (Engineering) (214), Physics A (Engineering) (222A).

An introductory course in applied thermodynamics and fluid mechanics, including about 72 lectures and 108 hours' laboratory work.

APPLIED THERMODYNAMICS I: A course of lectures and practical work on the relationship between heat and work, the properties of systems and of the substances used including the following: Temperature and thermometry; the equation of state for ideal and real substances; gas mixtures; energy, its source and release and the combustion process; heat and work, the first law in relation to closed and open systems; the total energy equation, the adiabatic process and energy relationships for open systems; the second law, availability and reversibility; entropy, the Carnot cycle; regenerative cycles and other thermodynamic cycles for gases; intermittent gas flow, expanders and compressors, condition for least work.

Properties of liquids and vapours; the behaviour of a two-phase substance in closed and open systems; supersaturation; thermodynamic cycles for such a substance; the reaction and impulse principle, velocity diagrams for fluid flow; gas and vapour mixtures, psychrometry.

The fundamentals of heat transfer; steady and unsteady-state heat flow by conduction; relaxation of a temperature field; the principle of similarity in heat transfer; convection and the use of dimensionless parameters; the laws of radiation, heat exchange for black and grey body radiation.

Text-books:

Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics work and heat transfer* (Longmans).

Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

Reference books:

Lee, J. F., and Sears, F. W., *Thermodynamics* (Addison Wesley).

McAdams, W. H., *Heat transmission* (McGraw-Hill).

FLUID MECHANICS I: A course of lectures and practical work introducing the fundamentals of fluid dynamics and including the following: Units, dimensions and properties, unit and dimension systems, standards, dimensional analysis, theory of models, properties of fluids; incompressible inviscid fluid motion, kinematics of a fluid field, dynamics of a fluid field, flow about a body, aerofoil theory, surface waves; incompressible viscous fluid motion, Navier-Stokes equations, boundary layer equations, laminar flow in tubes and boundary layers,

turbulence, turbulent flow in tubes and boundary layers, transition and separation, flow in closed conduit systems, open channel flow, drag; measurements in incompressible flow, weirs, orifices, nozzles, venturis, pilot tubes, other instruments.

Text-books:

- Ipsen, D., *Units, dimensions and dimensionless numbers* (McGraw-Hill).
 Vallentine, H., *Applied hydrodynamics* (Butterworth).
 Hunsaker, J. C., and Rightmire, B. G., *Engineering applications of fluid mechanics* (McGraw-Hill).

Reference books:

- Prandtl, L., *The essentials of fluid dynamics* (Blackie).
 Prandtl and Tietjens, *Applied hydro- and aero-mechanics* (Dover).
 Birstow, L., *Applied aerodynamics* (Longmans).
 Bunt, E., *Applications of fluid mechanics* (Witwatersrand U.P.).
 Langhaar, L., *Dimensional analysis and theory of models* (Wiley).
 Rouse, H., *Advanced mechanics of fluids* (Wiley).
 Pai, *Viscous flow theory*, Vols. 1 and 2 (Van Nostrand).
 Schlichting, H., *Boundary layer theory* (Pergamon Press).
 Goldstein, S., *Modern developments in fluid dynamics* (O.U.P.).
 von Mises, R., *Theory of flight*.
 Ower, E., *Measurement of air flow* (Chapman and Hall).
 Pankhurst and Holder, *Wind-tunnel technique* (Pitman).

452. Mechanical Engineering IB.

Pre-requisite subjects: Mechanics (212), Mathematics II (Engineering) (214), Physics A (Engineering) (222A), Strength of Materials (436), Engineering Drawing and Design (482), Production Technology (485).

An introductory course in theory of machines and machine design, including about 54 lectures and 81 hours of drawing office work.

THEORY OF MACHINES I: Lectures and graphical exercises in kinematics and dynamics of machinery, including kinematic chains and simple mechanisms; inversions; lower and higher pairing; velocity and acceleration diagrams; toothed gearing; cams; computing mechanisms; synthesis; equilibrium of machines; balancing and vibrations.

Text-book:

- Mabie, H. H., and Ocvirk, F. W., *Mechanism and dynamics of machinery* (Wiley).

Reference book:

- Bevan, T., *Theory of machines* (Longmans).

MACHINE DESIGN I: Lectures and drawing office work on the design of machine elements and power transmission systems. The course develops a logical discipline for handling the application of the more specific technical design factors when influenced by economic factors, current practice and manufacturing methods. Materials and their use; fabrication processes; the use of stock components; the application of combined stresses and theories of failure; fatigue and creep; factors of safety and design stresses; applications of basic principles in the design of shafts subject to combined loading, bearings, couplings and clutches, belt drives, gearing, brakes and other machine components.

Text-books:

- Faires, V. M., *Design of machine elements* (Macmillan).
 B.S. 436: 1940, *Machine cut gears. A. Helical and straight spur* (B.S.I.).
 B.S. 545: 1949, *Bevel gears (machine cut)* (B.S.I.).
 B.S. 721: 1937, *Machine cut gears: worm gearing* (B.S.I.).

Reference books:

- Maleev, V. L., and Hartman, J. B., *Machine design* (International Text Book Co.).
 Black, P., *Machine design* (McGraw-Hill).
 Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).
 Battelle Memorial Institute, *Prevention of failure of metals under repeated stress* (Wiley).
Machinery's handbook (Industrial Press).
 British Standards' Handbook No. 2 (1953), *Workshop practice*.
 Merritt, H. E., *Gears* (Pitman).
 Buckingham, E., *Spur gears* (McGraw-Hill).
 Standard specifications and codes of practice as required for project work.

453. Mechanical Engineering II.

Pre-requisite subjects (for 1961): A Division I pass, or higher, in Hydraulics (434); a Division I pass, or higher, in Mechanical Engineering I (451); Electrical Engineering I (441).

An advanced course in applied thermodynamics, fluid mechanics, theory of machines and machine design. The course is covered by about seven lectures and two hours' seminar a week, together with two three-hour laboratory or project periods and two three-hour drawing office sessions a week.

The course is divided into two parts for the convenience of part-time students. All work in each part must normally be completed in one academic year. The subdivision is as follows:

- Part A—Applied Thermodynamics II.
Fluid Mechanics.
- Part B—Theory of Machines II.
Machine Design II.
- Part C—Thesis on experimental project.

APPLIED THERMODYNAMICS II: A course of lectures and practical work in applied thermodynamics including advanced thermodynamics of fluids with application to internal combustion engines, gas turbines, steam turbines, refrigeration, psychometry and air conditioning, compressed air; fuels and combustion; heat transmission with application to boilers, condensers, and other heat exchangers; performance of power plant.

Text-books:

- Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics, work and heat transfer* (Longmans).
- Cohen, B. H., and Rogers, G., *Gas turbine theory* (Longmans).
- Obert, E. F., *Internal combustion engines* (International Text Book Co.).
- Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

Reference books:

- Schmidt, E., *Thermodynamics* (Oxford Clarendon Press).
- Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).
- Pye, D. R., *Internal combustion engine*, Vols. I and II (O.U.P.).
- Taylor, C. F., *The internal combustion engine in theory and practice*, Vol. I (Wiley).
- Jennings, B. H., and Rogers, W. L., *Gas turbine analysis and practice* (McGraw-Hill).
- Stodola, A., *Steam turbines* (Van Nostrand).
- Kearton, W. J., *Steam turbine theory and practice* (Pitman).
- Bosworth, R. C. L., *Heat transfer phenomena* (Associated General Publications).
- McAdams, W. H., *Heat transmission* (McGraw-Hill).
- Sparks, N. R., and Di Ilio, C. C., *Theory of mechanical refrigeration* (McGraw-Hill).
- Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning* (Constable).

FLUID MECHANICS: A course of lectures and practical work in the essentials of fluid dynamics, including: perfect fluid theory; the flow of incompressible and compressible fluids both viscous and inviscid; the theory and design of pumps, compressors, fans, propellers and turbines; dimensional analysis and the theory and use of models; measurements in fluids.

Text-books:

- Hunsaker and Rightmire, *Engineering applications of fluid mechanics* (McGraw-Hill).
- Shepherd, D. G., *Principles of turbomachinery* (Macmillan).
- Cohen, B. H. and Rogers, G., *Gas turbine theory* (Longmans).

Reference Books:

- Nelson, W. C., *Airplane propeller principles* (Wiley).
- Ower, E., *Measurement of air flow* (Chapman and Hall).
- Goldstein, S., *Modern developments in fluid dynamics* (O.U.P.).
- Barna, *Fluid mechanics for engineers* (Butterworth).
- Wislicenus, *Fluid mechanics of turbo-machinery* (McGraw-Hill).
- Binder, R. C., *Advanced fluid mechanics*, Vols. 1 and 2 (Prentice-Hall).

- Prandtl, L., *The essentials of fluid dynamics* (Blackie).
 Prandtl and Tietjens, *Applied hydro and aero mechanics* (Dover).
 Baird, L., *Applied aerodynamics* (Longmans).
 Liepmann and Puckett, *Aerodynamics of a compressible fluid* (Wiley).
 Kovats and Desmur, *Pumps, fans and compressors* (Blackie).
 Addison, H., *Centrifugal and other rotodynamic pumps* (Chapman and Hall).
 Stepanoff, A. J., *Centrifugal and axial flow pumps* (Wiley).
 Bunt, E. A., *Applications of fluid mechanics* (Witwatersrand U.P.).
 Roxbee Cox, H., *Gas turbine principles and practice* (Newnes).
 Langhaar, H. L., *Dimensional analysis and theory of models* (Wiley).

THEORY OF MACHINES II: A course in advanced dynamics including advanced aspects of cams and gearing; the dynamics of engine and shaft; balancing; mechanical vibrations including measurements, isolation, damping, dynamic absorbers, vehicle springing, critical speeds; instruments, automatic control, computing machines; acoustics and noise control.

Text-books:

- As for Theory of Machines I, together with
 Den Hartog, J. P., *Mechanical vibrations* (McGraw-Hill); or
 Thomson, W. T., *Mechanical vibrations* (Allen and Unwin); or
 Freberg, C. R., and Kemler, E. N., *Elements of mechanical vibrations* (Wiley); or
 Church, A. H., *Mechanical vibrations* (Wiley).

Reference books:

- Hartman, J. B., *Dynamics of machinery* (McGraw-Hill).
 Dalby, W. E., *Balancing of engines* (Arnold).
 Myklestad, N. O., *Vibration analysis* (McGraw-Hill).
 Macduff and Curreri, *Vibration control* (McGraw-Hill).
 Burton, R., *Vibration and impact* (Addison-Wesley).
 Tuplin, W. A., *Vibration in machinery* (Pitman).
 Johnson, W. C., *Mathematical and physical principles of engineering analysis* (McGraw-Hill).
 Rhodes, T. J., *Industrial instruments for measurement and control* (McGraw-Hill).
 Macmillan, R. H., *An introduction to the theory of control* (C.U.P.).
 Eckman, D. P., *Automatic process control* (Wiley).
 Harris, C. M., *Handbook of noise control* (McGraw-Hill).

MACHINE DESIGN II.—A course of lectures and drawing office work on advanced aspects of the design of machine members and mechanical assemblies including treatments of various types of gears, lubrication and bearing design; reciprocating engine components; mathematical and experimental stress analysis, fatigue, creep; design for high speed operation; curved beam theory; the economics of product design and design in relation to manufacturing method.

The work includes the design of a mechanism and of a small project involving thermodynamics or fluid mechanics.

Text-books:

- As for Theory of Machines I and II and Applied Thermodynamics I and II, together with
 Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International); or
 Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw-Hill).

Reference books:

- As for Machine Design I, together with the following:
 Heldt, P. M., *High speed combustion engines* (Heldt).
 Maleev, V. L., *Internal combustion engines* (McGraw-Hill).
 Lichty, L. C., *Internal combustion engines* (McGraw-Hill).
 Walshaw, T. D., *Diesel engine design* (Newnes).
 Purday, H. F. P., *Diesel engine design* (Constable).
 Shepherd, H. F., *Diesel engine design* (Wiley).
 Heldt, P. M., *High speed diesel engines* (Heldt).

- Kearton, W. J., *Steam turbine theory and practice* (Pitman).
 Ripper, W., *Ripper's steam engine*, 8th edition, written and enlarged by W. J. Goudie (Longmans, 1932).
 Timoshenko, S., *Strength of materials*, Vols. 1 and 2 (Van Nostrand).
 Roark, R. J., *Formulae for stress and strain* (McGraw-Hill).
 Symposium, *The failure of metals by fatigue* (M.U.P.).
 Cazaud, R., *Fatigue of metals*, tr. by Fenner (Chapman and Hall).
 Marin, J., *Mechanical properties of materials and design* (McGraw-Hill).
 Moore, H. F., *Text-book of the materials of engineering* (McGraw-Hill).
 Sully, A. H., *Metallic creep* (Butterworth).
 Frocht, M. M., *Photoelasticity* (Wiley).
 Hendry, A. E., *Introduction to photoelasticity* (Blackie).
 Wahl, A. M., *Mechanical springs* (Penton).
 Steeds, W., *Involute gears* (Longmans).
 Merritt, H. E., *Gears* (Pitman).
 Buckingham, E., *Analytical mechanics of gears* (McGraw-Hill).
 Buckingham, E., *Spur gears* (McGraw-Hill).
 Wilcock and Booser, *Bearing design and application* (McGraw-Hill).
 Shaw, M. C., and Macks, E. F., *Analysis and lubrication of bearings* (McGraw-Hill).
 Hersey, M. D., *Theory of lubrication* (Wiley).
 Chase, H. H., *Handbook of designing for quantity production* (McGraw-Hill).
 Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

456. Mechanical Engineering S.

Pre-requisite subjects: Mathematics II (Engineering) (214), Mechanics (212), Physics A (Engineering) (222A), and in addition for Parts 1 and 2, Engineering (Materials) (1272), Strength of Materials (436), Engineering Drawing and Design (482).

An introductory course in machine design, theory of machines and applied thermodynamics. The course is in three parts and consists of lectures, laboratory and drawing office sessions designed for students not specialising in Mechanical Engineering.

Civil Engineering and Mining Engineering students take Parts 1 and 2, comprising 54 lectures and 81 hours of drawing office work.

Electrical Engineering students take Parts 2 and 3, comprising 36 lectures, 27 hours of laboratory work and 27 hours of drawing office work.

Metallurgical and Chemical Engineering students take Part 1, comprising 36 lectures and 54 hours of drawing office work.

Part 1. Machine Design: A course of lectures and drawing office work on the principles of machine design applied to the design of machine components. Some special topics will include the selection of power transmission components and the design of some instrument elements.

Text-book:

Faires, V. M., *Design of machine elements* (Macmillan).

Part 2. Theory of Machines: An introductory course on the kinematics and dynamics of machinery, including the analysis and synthesis of mechanisms. Special topics will include the kinematics of gears and cams; mechanical computing devices; the dynamic analysis of rotating machinery.

Text-book:

Mabie, H. H., and Ocvirk, F. W., *Mechanism and dynamics of machinery* (Wiley).

Part 3. Applied Thermodynamics: A course of lectures and practical work on the relationship between heat and work, the properties of systems and of the substances used including: the equation of state for ideal and real substances; energy, its source and release and the combustion process; heat and work, the first law in relation to closed and open systems; the total energy equation, the adiabatic process and energy relationships for open systems; the second law, availability and reversibility; entropy, the Carnot cycle; other thermodynamic cycles.

Properties of liquids and vapours; the behaviour of a two-phase substance in closed and open systems; thermodynamic cycles for such a substance; the reaction and impulse principle, the elements of steam power plant.

The fundamentals of heat transfer; steady and unsteady-state heat flow by conduction; the principle of similarity in heat transfer, convection and the use of dimensionless parameters; the laws of radiation, heat exchange for black and grey body radiation.

Text-books:

Lee, J. F., and Sears, F. W., *Thermodynamics* (Addison-Wesley).
Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

461. Process Engineering I.

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

Three lectures a week for one term and two lectures a week for two terms, comprising an introduction to the unit processes and operations of chemical and metallurgical engineering, together with illustrated films and visits to industrial works. The subject matter is dealt with in three parts; approximately 31 lectures are devoted to unit operations (including mineral dressing), 18 lectures to unit processes (chemical—inorganic and organic), and 13 lectures to unit processes (metallurgical—extractive).

Text-book:

Bailey, A. R., *Text-book of metallurgy*.

Reference books:

Shreve, R. N., *Chemical process industries*, 2nd edition (McGraw-Hill, 1956).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Pryor, E. J., *An introduction to mineral dressing* (Mining Publications Ltd., 1955).

Riegel, E. R., *Chemical machinery* (Reinhold, 1944).

Badger, W. L., and Bancho, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press, 1954).

Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vol. 1 (McGraw-Hill, 1945).

Brown, G. G., *Unit operations* (Wiley, 1950).

Foust, A. S., *Principles of unit operations* (Wiley, 1960).

461A. Extractive Metallurgy (Mining).

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

A course for Mining Engineering candidates only, consisting of about 13 lectures from the section of Process Engineering I (461) which deals with unit processes (metallurgical-extractive).

462A. Process Engineering IIA: Unit Operations I.

Pre-requisite subjects: Applied Physical Chemistry (468) and Process Engineering I (461).

LECTURES: Two hours a week throughout the year dealing with the general theory of molecular and turbulent transport of properties, and applications of momentum transfer theory and fluid mechanics to unit operations of chemical and metallurgical engineering.

PRACTICAL WORK: Three hours a week throughout the year, alternate weeks being devoted to problems arising out of the lectures and to quantitative laboratory (bench scale) work designed to illustrate the principles of unit operations.

Text-book:

Foust, A. S., *Principles of unit operations* (Wiley, 1960).

Reference books:

Brown, G. G., *Unit operations* (Wiley, 1950).

Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press, 1954).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1956).

462B. Process Engineering IIB: Unit Processes I.

Pre-requisite subjects: As for 462A.

LECTURES: Two hours a week throughout the year, devoted to the application of reaction kinetics, phase and reaction equilibria to chemical and metallurgical unit processes.

PRACTICAL WORK: Three hours a week throughout the year of quantitative laboratory work (bench scale) designed to illustrate the principles of chemical and metallurgical processes.

Reference books:

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).

Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).

Hopkins, D. W., *Physical chemistry and metal extraction* (Garnet Miller, 1954).

Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).

Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).

Bray, J. L., *Non-ferrous production metallurgy* (Wiley, 1941).

Bray, J. L., *Ferrous process metallurgy* (Wiley, 1954).

Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vols. I and II (McGraw-Hill, 1945).

Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I, II and III (Wiley).

van Arsdale, G. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).

Butts, A., *Metallurgical problems* (McGraw-Hill, 1943).

Schuhmann, R., *Metallurgical engineering*, Vol. I (Addison-Wesley, 1952).

Mantell, C. L., *Industrial electrochemistry* (Wiley, 1940).

Darken, L. S., and Gurry, W. G., *Physical chemistry of metals* (McGraw-Hill, 1953).

Kubaschewski, O., and Evans, E. Ll., *Metallurgical thermochemistry* (Pergamon Press, 1955).

Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).

Bailey, A. R., *Text-book of metallurgy*.

A.I.M.E., Physical Chemistry of Steelmaking Committee, *Basic open hearth steelmaking* (American Institute of Mining and Metallurgical Engineers, 1951).

462C. Process Engineering IIC: Industrial Economics I.

Pre-requisite subject: Process Engineering I (461).

LECTURES: One hour a week for two terms dealing with the presentation of technical results and literature searches, elementary business principles, and an introduction to industrial economics.

Reference books:

Rhodes, F. H., *Technical report writing* (McGraw-Hill, 1941).

Graves, R., and Hodge, A., *The reader over your shoulder* (Cape, 1943).

Campbell, W., *Business practice and principles*, Part I, 2nd edition (Pitman).

Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).

Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).

Burnham, T. H., *Engineering economics*, Vols. 1 and 2 (Pitman, 1944).

463A. Process Engineering IIIA: Unit Operations II.

Pre-requisite subject: Process Engineering IIA (462A).

LECTURES: Two hours a week throughout the year devoted to an advanced treatment of heat transfer, mass transfer, and simultaneous mass and energy transfer.

TUTORIALS: One to three hours a week. Problems studied are of a practical nature, but involve the application of fundamental principles rather than the use of handbooks.

PRACTICAL WORK: Eight hours a fortnight. Experiments carried out are designed to show the effect of changes in physical variables on mass and energy transfer.

Text-books:

Foust, A. S., *Principles of unit operations* (Wiley, 1960).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Reference books:

Coulson, J. M., and Richardson, J. T., *Chemical engineering*, Vols. I and II (Pergamon Press, 1954).

Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).

McAdams, W. H., *Heat transmission*, 3rd edition (McGraw-Hill).

Robinson, C. S., and Gilliland, E. R., *Elements of fractional distillation*, 4th edition (McGraw-Hill).

Treybal, R. E., *Liquid extraction* (McGraw-Hill, 1951).

Sherwood, T. K., and Pigford, R. L., *Absorption and extraction* (McGraw-Hill, 1952).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1956).

Larian, M. G., *Fundamentals of chemical engineering operations* (Prentice-Hall, 1959).

463B. Process Engineering IIIB: Unit Processes II.

Pre-requisite subjects: Process Engineering IIB: Unit Processes I (462B) and Applied Physical Chemistry (468).

LECTURES: One hour a week throughout the year dealing with the quantitative analysis and design of selected chemical and metallurgical processes in which plant performance is studied on the basis of fundamental physico-chemical principles.

PRACTICAL WORK: Three hours a week, the major part of the course being devoted to a project.

Text-book:

Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).

Reference books:

As for 462B.

463C. Process Engineering IIIC: Industrial Economics II.

Pre-requisite subject: Process Engineering I (461).

LECTURES: A seminar of two hours a week will be conducted throughout the year dealing with the technical and economic issues involved in the initiation, development, establishment and control of industrial enterprises. The treatment will include research, patents, market surveys, plant location, process development (material, energy and economic balances), the selection and purchase of equipment, plant design and layout, plant control and operation, cost estimates, costing methods and cost control, the structure of industry, financial control (balance sheets, profit and loss statements), works organisation and management (including industrial relations).

Reference books:

Tyler, C., *Chemical engineering economics*, 3rd edition (McGraw-Hill).

Vilbrandt, F. C., *Chemical engineering plant design*, 2nd edition (McGraw-Hill).

Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).

Clarke, L., *Manual for process engineering calculations* (McGraw-Hill, 1947).

- Tiffin, J., *Industrial psychology* (Prentice-Hall, 1947).
 Bichowsky, *Industrial research* (Chem. Pub. Co., 1942).
 Fed. British Industries, *Industry and research*, Conference (Pitman, 1946).
 Walker, H. N., *Australian patents* (Law Book Co., 1949).
 Yoder, Dale, *Personnel management and industrial relations* (Prentice-Hall, 1944).
 Furnas, C. C., *Research in industry* (Van Nostrand, 1948).
 Lester, B., *Sales engineering* (Wiley, 1944).
 Bethel, Atwater, Smith and Stackman, *Industrial organisation and management* (McGraw-Hill, 1950).
 Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).
 Laird, D. A., and E. C., *The technique of handling people* (McGraw-Hill, 1954).
 Perry, John, *Human relations in small industry* (McGraw-Hill, 1954).
 Jordan, D. G., *Chemical pilot plant practice* (Inter Science, 1955).
 Happel, J., *Chemical process economics* (Wiley, 1958).
 Woodson, W. E., *Human engineering guide for equipment designers* (California U.P., 1957).
 Rase, H. F., and Barrow, M. H., *Project engineering of process plants* (Wiley, 1957).

463D. Process Engineering III: Plant Design.

Pre-requisite subjects: Process Engineering IIA (462A) and IIB (462B), and Engineering Drawing and Design (482).

Twelve hours a week throughout the year spent in the design of a metallurgical or chemical plant. This project involves the study of a selected process, calculation of material and energy balances, preparation of flow sheets, design of selected plant items, and drawing of plant lay-out.

Reference books:

- Vilbrandt, F. C., and Dryden, C. E., *Chemical engineering plant design*, 4th edition (McGraw-Hill, 1959).
 Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).
 Rase, H. F., and Barrow, M. H., *Project engineering of process plants* (Wiley, 1957).
 Kern, D. Q., *Process heat transfer* (McGraw-Hill, 1950).
 Clarke, L., *Manual for process engineering calculations* (McGraw-Hill, 1947).

464. Process Control.

Pre-requisite subjects: Chemistry IIA (234), and Physics B (Engineering) (222B).

LECTURES: One hour a week throughout the year, providing an introduction to the subject of industrial instrumentation and to automatic process control; in general, emphasis is laid on the fundamental principles involved rather than on the practical form of the mechanism. The subject matter of the lectures deals with the means used for making measurements, the characteristics of systems and circuits used, the forms of control and control elements involved, and the theory and application of automatic controls in the chemical process industries.

PRACTICAL WORK: Three hours a week throughout the year devoted to a course of experiments designed to exhibit the characteristics of various types of industrially-used instruments and their fields of application as indicators, recorders, and controllers, and to demonstrate the effect of various process characteristics on automatic process control.

Text-books:

- Eckman, D. P., *Principles of industrial process control* (Wiley, 1945).
 Ceaglske, N. H., *Automatic process control for chemical engineers* (Wiley, 1956).

Reference books:

- Eckman, D. P., *Industrial instrumentation* (Wiley, 1950).
 Eckman, D. P., *Automatic process control* (Wiley, 1958).
 Farrington, G. H., *Fundamentals of automatic control* (Wiley, 1951).
 Young, A. J., *An introduction to automatic process control system design* (Longmans, 1956).

466. Mineral Dressing.

Pre-requisite subjects: Geology IA (251A), Applied Physical Chemistry (468), and either Process Engineering I (461) or Process Technology I (1257).

LECTURES: Two hours a week for three terms dealing with the theory of comminution, crushing, grinding; screening, classification; gravity and electrical concentration, flotation; dewatering; storage, transport and other auxiliary operations; mill design and control.

PRACTICAL WORK: Three hours a week for two terms of bench and pilot scale experiments designed to illustrate the principles of mineral dressing.

SEMINAR: About two hours a week for one term of flowsheet studies. Characteristic flowsheet patterns for common ore types are considered and line flowsheets developed for the treatment of specific ores. The work is concerned mainly with correct technological sequence, but the preliminary phases of machine selection and size estimation are considered.

Text-book:

Taggart, A. F., *Elements of ore dressing* (Wiley, 1951).

Reference books:

Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).

Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).

Sutherland, K. L., and Wark, I. W., *Principles of flotation* (Australasian

Institute of Mining and Metallurgy, 1955).

Michell, F. B., *The practice of mineral dressing* (Electrical Press, 1950).

Rabone, P., *Flotation plant practice* (Mining Publications Ltd., 1957).

467. Ore Dressing.

Pre-requisite subjects: Chemistry IA (232), General Physics (221), and Geology I (251).

LECTURES: An introductory course consisting of one lecture a week throughout the year in applied mineral dressing dealing with the elements of crushing; grinding; industrial sizing and sorting; physical separation—gravity and electrical; froth flotation; dewatering; transport and control.

PRACTICAL WORK: Three hours a week for one term of laboratory experiments embracing the principal operations of ore dressing.

Text-book:

Pryor, E. J., *An introduction to mineral dressing* (Mining Publication Ltd., 1955).

Reference books:

Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).

Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).

468. Applied Physical Chemistry.

Pre-requisite subjects: Chemistry IIA (234) and Mathematics I (Engineering) (213).

LECTURES: Two lectures a week throughout the year devoted to: (i) the applications of thermodynamics to chemical equilibria and phase equilibria, (ii) reaction kinetics, (iii) other selected topics.

PRACTICAL WORK: Three hours a week devoted to experiments illustrating fundamental principles of the work covered in lectures and special techniques.

Text-book:

Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).

Reference books:

Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I-III (Wiley).

Glasstone, S., *Textbook of physical chemistry*, 2nd edition (Macmillan, 1947).

Garner, W. E., *Chemistry of the solid state* (Butterworth).

Cottrell, A., *Theoretical structural metallurgy* (Arnold).

Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).

Laidler, K. J., *Chemical kinetics* (McGraw-Hill).

471. Mining Engineering I.

Pre-requisite subjects: Geology I (251), Engineering Drawing and Design (482), and Surveying A (437).

Students from the faculty of science will be allowed to take this subject if they fulfil the following conditions: (a) They are approved candidates for the Honours Degree of B.Sc. in Geology (258); (b) the Professor concerned has included Mining Engineering I in their proposed course of study.

LECTURES: Two lectures a week throughout the year comprising a general treatment of the field of mining engineering, viz.: prospecting and surface exploration, sampling, explosives, mine development, support of mine excavations, stoping methods, elementary coal mining, and tunnelling.

PRACTICAL WORK: Three hours a week throughout the year comprising laboratory and design work and a satisfactory report.

(a) Preliminary reading:

Hoover, H. C., *The memoirs of Herbert Hoover, 1874-1920. Years of adventure* (Macmillan).

Lovering, T. S., *Minerals in world affairs* (Prentice-Hall).

Morrell, W. P., *The gold rushes* (A. and C. Black).

Farwell, G. M., *Down Argent street* (Johnson, Sydney).

Isaacson, E. de Q., *Rock pressure in mines* (Mining Publications Ltd.).

(b) Text-books:

Lewis, R. S., *Elements of mining* (Wiley).

Young, G. T., *Elements of mining* (McGraw-Hill).

Higham, S., *An introduction to metalliferous mining* (Griffin).

(c) Reference books:

(i) Statistics.

Brookes, B. C., and Dick, W. F. L., *Introduction to statistical method* (Heinemann).

Peatman, J. G., *Descriptive and sampling statistics* (Harper).

(ii) Drilling.

Cumming, J. D., *Diamond drill handbook* (Smith).

Brantly, J. E., *Rotary drilling handbook* (Palmer Publications).

(iii) Geophysics.

Jakosky, J. J., *Exploration geophysics* (Times Mirror).

Nettleton, L. L., *Geophysical prospecting for oil* (McGraw-Hill).

Heiland, C. A., *Geophysical exploration* (Prentice-Hall).

(iv) Economics.

Truscott, S. J., *Mine economics* (Mining Publications Ltd.).

(v) Explosives.

Gregory, C. E., *Explosives for engineers* (Q.U.P.).

Dupont de Nemours, E. I., and Co., Inc., *Blasters handbook*.

(vi) Mine equipment.

Thomae, F. A. W., *Power plants on metal mines* (Mining Publications Ltd.).

Bryson, T., *Mining machinery* (Pitman).

Williamson, M. M., and G. W., *Materials handling manual* (Paul Elek).

(vii) Mining practice.

Stoces, B., *Introduction to mining*, Vols. 1 and 2 (Pergamon Press).

Jackson, C. F., and Hedges, J. H., *Metal mining practice* (U.S. Bureau of Mines Bulletin, No. 419).

Beringer, B., *Underground practice in mining* (Mining Publications Ltd.).

Eaton, L., *Practical mine development and equipment* (McGraw-Hill).

Elford and McKeown, *Coal mining in Australia* (Tait Publishing Co.).

Statham, I. C. F., *Coalmining* (English U.P.).

Whitaker, J. W., and Willet, H. L., *Colliery explosion and recovery work* (Pitman).

(viii) Tunnelling.

Richardson, H. W., and Mayo, R. S., *Practical tunnel driving* (McGraw-Hill).

Hewett, B. H. M., and Johannesson, S., *Shield and compressed air tunnelling* (McGraw-Hill).

(ix) Alluvial Mining.

Harrison, H. L. M., *Examination, boring and valuation of alluvial deposits* (Mining Publications Ltd.).

Griffith, S. V., *Alluvial prospecting and mining* (Mining Publications Ltd.).

472. Mining Engineering II.

Pre-requisite subjects: Mining Engineering I (471), Strength of Materials (436), Hydraulics (434), Surveying IA (1008).

LECTURES: Three hours a week throughout the year, dealing with underground transport, hoisting, drainage and pumping, mine ventilation, rock pressure and subsidence, mining economics, mining law, mine surveying and advanced treatment of mining methods.

PRACTICAL WORK: Twelve hours a week throughout the year, comprising practical survey work and design work relating to mining operations and mine plant.

At the end of the academic year each student must submit a satisfactory paper on an approved subject.

Preliminary reading:

Jenkin, A. K. H., *The Cornish miner* (Allen and Unwin).

Rickard, T. A., *Man and metals*, Vols. I and II (McGraw-Hill).

Rickard, T. A., *Technical writing* (Wiley) or (A.I.M.E. Series).

Spalding, J., *Deep Mining* (Mining Publications Ltd.).

Voskuil, W. H., *Minerals in world industry* (McGraw-Hill).

Hoover, H. C., *Principles of mining* (McGraw-Hill).

Steidle, E., *Mineral industries education* (State College, Pennsylvania).

Text-books:

Peele, R., *Mining engineers' handbook*, 3rd edition, Vols. I and II (Wiley).

Baxter, C. H., and Parks, R. D., *Examination and valuation of a mineral property* (Addison Wesley).

Staley, W., *Mine plant design* (McGraw-Hill).

Standards Assn. of Australia, *Steel wire rope for winding and haulage purposes in mines* (As. No. M/4—1955).

Reference books:

(i) Statistics.

Lambe, C. G., *Elements of statistics* (Longmans).

Walker, M. W., and Lev, J., *Statistical inference* (Constable or Holt).

(ii) Hoisting.

Wire ropes in mines (Institution of Mining and Metallurgy).

Broughton, H. H., *Electric winders* (Spon).

(iii) Mine ventilation.

Penman, D. and J. S., *Principles and practice of mine ventilation* (Griffin).

Weeks, W. S., *Ventilation of mines* (McGraw-Hill).

Rees, J. P., *Ventilation calculations* (Transvaal Chamber of Mines).

Quality of mine air (Transvaal Chamber of Mines).

(iv) Economics.

Hoover, T. J., *The economics of mining* (Stanford U.P. and O.U.P.).

Chambers, R. J., *Financial management* (Law Book Co.).

Tovey, P., *Balance sheets* (Pitman).

Willcox, F., *Mine accounting and financial administration* (Pitman).

Court, H. P., *Budgetary control* (Sweet and Maxwell).

Dobb, M., *Wages* (Nisbet and C.U.P.).

(v) Mining law.

Mining Acts. N.S.W., W.A., Tas., Queensland, Vic. and S.A.

(vi) Safety health.

Drinker, P., and Hatch, T., *Industrial dust* (McGraw-Hill).
 Gill, G. H., *Dust, its effects on the respiratory system* (Lewis).
Silicosis, pneumoconiosis and dust suppression in mines (Institution of Mining Engineers and Institution of Mining and Metallurgy, 1947).
Safety Code (Transvaal Chamber of Mines).
 McAdam, R., and Davidson, D., *Mine rescue work* (Oliver and Boyd).

(vii) Oil.

Uren, L. C., *Petroleum production engineering* (McGraw-Hill).
 Vol. I, *Oil field exploitation*.
 Vol. II, *Development*.
 Vol. III, *Economics*.
 Pirson, S. J., *Elements of oil reservoir engineering* (McGraw-Hill).

(viii) Mining practice.

Jeppe, C. B., *Gold mining on the Witwatersrand* (Transvaal Chamber of Mines).
Symposium on shafts and shaft sinking (Chemical Metallurgical and Mining Society of South Africa, Johannesburg).
 Mitke, C. A., *Mining methods* (McGraw-Hill).
 Tillson, B. F., *Mine plant* (A.I.M.E.).
 Fish, C. L., *The engineering method* (Stanford U.P.).

(ix) Mine surveying.

Metcalfe, J. E., *Mining engineers' survey manual* (Electrical Press).
 Winiberg, F., *Metalliferous mine surveying* (Mining Publications Ltd.).
 Winiberg, F., *Surveying calculations* (Mining Publications Ltd.).
 Staley, W., *Introduction to mine surveying* (Stanford U.P.).
 Haddock, M., *Deep borehole surveys and problems* (McGraw-Hill).
 Haddock, M., *The basis of mine surveying* (Chapman and Hall).

(x) General.

Nelson, J. R., *Writing the technical report* (McGraw-Hill).

Students should provide themselves with seven-figure logarithmic tables, such as Chambers' *Mathematical tables*.

481. Graphics.

The course consists of one lecture and three hours drawing office work a week throughout the year.

The course covers the following topics: the use of drawing instruments, layout, geometric constructions; the presentation of information on charts, diagrams, nomograms; curve fitting; the slide rule; graphical integration, differentiation, reciprocation. Descriptive geometry, quantitative representation of lines, points, planes and solids and their relations in space. Engineering, dimetric, trimetric, isometric, perspective projections; the function of the drawing as a means of conveying information; sketching.

Text-book:

Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).

Reference books:

Arnold, J. N., *Introductory graphics* (McGraw-Hill).
 Slaby, S. M., *Descriptive geometry* (Barnes and Noble).

482. Engineering Drawing and Design.

Pre-requisite subjects: Graphics (481) and General Mathematics (201).

Pre-requisite or concurrent subject: Strength of Materials (436).

The course consists of a one-hour lecture and three hours drawing office work throughout the year.

Design principles, procedure and standards, limits and fits, welded, riveted and screwed joints, mechanical transmission of power, bearings, shafting, couplings and clutches, springs.

Text-books:

Faires, V. M., *Design of machine elements*, 3rd edition (Macmillan).
B.S.S. 308, *Engineering drawing practice*.

Reference books:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International).
Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw-Hill).
Black, P. H., *Machine design* (McGraw-Hill).
Norman, C. A., Ault, E. S., and Zarobsky, I. F., *Fundamentals of machine design* (Macmillan).
Rollason, E. C., *Metallurgy for engineers* (McGraw-Hill).

Handbooks and codes:

Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).
Kent, W., *Mechanical engineers' handbook*, Vol. I (Wiley).
Mechanical world yearbook.
British standard specifications (B.S.I.).
Australian standard specifications (S.A.A.).

Workshop Practice

For syllabus, see Workshop Practice I (1214) under the Faculty of Technology.

1272. Engineering Materials.

For syllabus, see under the Faculty of Technology.

485. Production Technology.

Pre-requisite subjects: Graphics (481), Workshop Practice (1214), and Engineering Materials (1272).

Pre-requisite or concurrent subject: Strength of Materials (436).

The course consists of one lecture and three hours practical work a week throughout the year.

The course covers the following topics: An examination of the physical, chemical and metallurgical principles underlying the methods used for transforming raw material into manufactured parts; the flow and solidification of liquid metals; the theory of metal cutting and grinding, cutting fluids; the principles of fusion joining, thermal and residual stresses, distortion; production methods, jigs and fixtures, metrology and inspection.

Text-book:

Baker, H. Wright, *Modern workshop technology*, Vols. I and II (Cleaver-Hume).

Reference books:

Bolz, R. W., *Production processes: their influence on design*, Vols I and II (Penton).
Steeds, W., *Engineering materials, machine tools and processes* (Longmans).
Colvin, F. H., and Stanley, F. A., *Gear cutting practice* (McGraw-Hill).
Kent, *Mechanical engineers' handbook: design and production* (Wiley).

491. First Aid.

Candidates for the degree of B.E. are required to produce evidence of their having satisfactorily completed a course of instruction in First Aid approved by the Council. They may either qualify for the certificate of the St. John Ambulance Association or satisfactorily complete a special course arranged for Engineering students by the University.

492. General Engineering.

A series of lectures on the broad scope of Engineering including its historical background and sociological implications.

Students are given an opportunity during the course of inspecting the facilities and learning something of the research objectives of the Engineering Departments of the University.

493. Industrial Engineering.

Two lectures a week throughout the year dealing with: financial principles and their application to engineering; contracts; industrial organisation and administration; production engineering; production and material control; time and operation study; methods of wage payment; plant layout; principles of cost accounting.

Text-book:

Cornell, W. B., *Organisation and management* (Ronald); or
Bethel, L. L., and others, *Industrial organisation and management*
(McGraw-Hill).

Reference books:

Maynard, H. B. (ed.), *Industrial engineering handbook* (McGraw-Hill).
Alford, L. P. (ed.), *Cost and production handbook* (Ronald).
Bullinger, C. E., *Engineering economic analysis* (McGraw-Hill).

497. The Honours Degree of Bachelor of Engineering.

Work for the Honours Degree of Bachelor of Engineering is taken concurrently with that of the final year of the Ordinary Degree course. The laboratory project for the Honours degree will, however, normally extend to the March of the following year.

The work for the Honours Degree will consist of the full course of lectures prescribed for the final year of the Ordinary Degree and in addition candidates taking Honours will attend special lectures at an advanced level. The laboratory project of the Honours course may be an extension of the project taken in the practical work of the Ordinary Degree or may be a separate project.

FACULTY OF LAW.
501. Elements of Law.

The forms of law, written and unwritten (common law, equity, statutes, custom); the system of precedent; principles of interpretation of statutes; outline of the constitution and jurisdiction of the courts.

Text-books:

Phillips, O. H., *A first book of English law*, 4th edition (Sweet and Maxwell).
Williams, G. L., *Learning the law*, 6th edition with Australian supplement (Stevens).
Archer, *The Queen's courts* (Pelican).

Reference books (available in the Library):

- Kiralfy, A. K., *The English legal system*.
 Baalman, J., *Outline of law in Australia*, 2nd edition (Law Book Co.).
 Allen, C. K., *Law in the making*, 6th edition (O.U.P.).
 Hanbury, H. G., *English courts of law*, 2nd edition (O.U.P.).
 Beal, E., *Cardinal rules of legal interpretation*, 3rd edition (Stevens).
 Plucknett, T. F. T., *Concise history of the common law*, 5th edition (Butterworth).
 Potter, H., *Historical introduction to English law*, 4th edition (Sweet and Maxwell).
 Holdsworth, W. S., *History of English law*, Vol. 1, 7th edition (Methuen).
 Allen, C. K., *The Queen's peace* (Stevens).
 Windeyer, *Lectures on legal history*, 2nd edition (Law Book Co.).
 Scott, W. S., *Craies on statute law*, 4th edition (Sweet and Maxwell).

Note: Before the commencement of lectures, students should read:

- Williams, G. L., *Learning the law*, 6th edition with Australian supplement (Stevens).
 O'Sullivan, R., *The inheritance of the common law* (Stevens).
 Archer, *The Queen's courts* (Pelican).

502. Constitutional Law I.

British constitutional law; the constitution of South Australia; the development of responsible government and inter-Commonwealth relations.

Text-books:

- Phillips, O. H., *The constitutional law of Great Britain and the Commonwealth*, 2nd edition (Sweet and Maxwell).
 Phillips, O. H., *Leading cases in constitutional law*, 2nd edition (Sweet and Maxwell).

Reference books:

- Blackmore, E. G., *The law of the constitution of South Australia* (S.A. Government Printer).
 Combe, S. D., *Responsible government in South Australia* (S.A. Government Printer).
 Dicey, A. V., *Introduction to the study of the law of the constitution*, 10th edition (Macmillan).
 Evatt, H. V., *The King and his dominion governors* (O.U.P.).
 Jennings, W. I., *Law and the constitution*, 5th edition (U.L.P.).
 Jennings, W. I., *The Queen's government* (Pelican).
 Jennings, W. I., *Constitutional laws of the Commonwealth*, Vol. 1 (O.U.P.).
 Kier, D. L., and Lawson, F. H., *Cases in constitutional law*, 4th edition (O.U.P.).
 Wade, E. C. S., and Phillips, G. G., *Constitutional law*, 5th edition (Longmans).

503. Criminal Law and Procedure.

A general introduction to the criminal law.

Text-books:

- Cross, R., and Jones, P. A., *An introduction to criminal law*, 4th edition, Parts I and II (Butterworth); or
 Kenny, C. S., *Outlines of criminal law*, 17th edition, Books I and II (C.U.P.).

Reference books:

- Williams, G. L., *Criminal law* (Stevens).
 Barry, Paton, and Sawyer, *An introduction to the criminal law in Australia* (Macmillan).
 Russell, W. O., *On crime*, 11th edition (Stevens).
 Stephen, J. F., *Digest of the criminal law*, 9th edition (Sweet and Maxwell).
 Stephen, J. F., *History of the criminal law of England* (Macmillan).
 Royal Commission on Capital Punishment, *Report*, 1949-1953, Comd. 8932 (H.M.S.O.).
 Hall, J., *Principles of criminal law* (Bobbs-Merrill).
 Perkins, R. M., *Criminal law* (Foundation Press).

Note: Students should purchase a copy of *Criminal Law Consolidation Act, 1935-52*. This will be referred to in classes throughout the year and may be taken into the examination room.

504. The Law of Contract.

General principles of the law of contract, excluding agency; statutes and reports of cases specially prescribed in lectures.

Text-book:

Cheshire, G. C., and Fifoot, C. H. S., *Law of contract*, 5th edition (Butterworth).

Reference books:

Anson, *Law of contract* (O.U.P.).

Chitty, *Contracts* (Sweet and Maxwell).

Williston, *A treatise on the law of contracts*, revised edition (Baker, Voorhis).

The restatement of contract (American Law Institute).

Corbin on contracts (West Publishing Co.).

505. The Law of Torts.

General principles of the law of torts; specific torts.

Text-books:

Cases on the law of torts (available at Law School).

Fleming, J. G., *The law of torts in Australia* (Law Book Co.); or

Street, H., *The law of torts*, 2nd edition (Butterworth); or

Salmond, J. W., *Law of torts* (ed. Heuston), 12th edition (Sweet and Maxwell).

Reference books:

Winfield, P. H., *Text-book of the law of torts*, 6th edition (Sweet and Maxwell).

Pollock, F., *Law of torts*, 15th edition (Stevens).

Clerk, J. F., and Lindsell, W. H. B., *Law of torts*, 11th edition (Sweet and Maxwell).

Williams, G. L., *Joint torts and contributory negligence* (Stevens).

Wright, C. A., *Cases on the law of torts*, 2nd edition (Butterworth).

Prosser, W. L., *Handbook of the law of torts*, 2nd edition (Western Publishing Co.).

Morison, W. L., *Cases on torts* (Law Book Co.).

Smith, Y. B., and Prosser, W. L., *Cases and materials on torts*, 2nd edition (Foundation Press).

Note: Students should purchase a copy of the *Wrongs Act*, 1936-1951. This will be referred to in classes and may be taken into the examination room.

506. The Law of Property.

(a) Principles of the law of real and personal property, and particularly: estates in land, equitable ownership, future estates, powers of appointment, the rule against perpetuities, servitudes, and the general principles of personal property.

(b) Statutes: Law of Property Act, 1936-1945; Real Property Act, 1886-1945; Real Property (Registration of Titles) Act, 1945; Estates Tail Act, 1881; and other statutes as prescribed in lectures.

(c) Reports of cases specially prescribed in lectures.

Text-books:

Megarry, R. E., *A manual of the law of real property*, 2nd edition (Stevens, 1955); or

Hargreaves, A. D., *Introduction to the principles of land law*, 3rd edition (Sweet and Maxwell, 1952).

Reference books:

Cheshire, G. C., *Modern law of real property*, 8th edition (Butterworth).

Vaines, J. C., *Personal property*, 2nd edition (Butterworth).

Megarry, R. E., and Wade, H. W. R., *The law of real property*, 2nd edition (Stevens).

Kerr, D., *Australian land titles (Torrens) system* (Law Book Co.).

Baahman, J., *Torrens system in N.S.W.* (Law Book Co.).

Jessup, G. A., *Forms and practice of lands titles office of S.A.*, 3rd edition (Law Book Co.).

Goodeve, L. A., *Modern law on personal property*, 9th edition, by R. H. Kersley.

Morris and Leach, *The rule against perpetuities* (Stevens).

Harrison, W., *Cases on land law* (Law Book Co.).

507. Constitutional Law II.

Pre-requisite subject: Constitutional Law I (502).

The constitution of the Commonwealth of Australia; introduction to administrative law:

Text-book:

Sawer, G., *Cases on the constitution of the Commonwealth of Australia*, 2nd edition (Law Book Co.).

Reference books:

Brennan, *Interpreting the constitution* (Law Book Co.).

Else-Mitchell, R., *Essays on the Australian constitution* (Law Book Co.).

Kerr, M. M., *The law of the Australian constitution*.

Knowles, G. S., *Commonwealth of Australia constitution* (Law Book Co.).

Nicholas, H. S., *The Australian constitution*.

Quick and Garran, *Annotated constitution of the Australian Commonwealth*.

Wynes, W. A., *Legislative and executive powers in Australia*, 2nd edition (Law Book Co.).

Allen, C. K., *Law and orders*, 2nd edition (Stevens).

Friedmann, W., *Principles of Australian administrative law* (M.U.P.).

Griffith, J. A. G., and Street, H., *Principles of administrative law*, 2nd edition (Pitman).

Robson, W. A., *Justice and administrative law* (Stevens).

Note: Students should purchase a Government Printer's copy of the *Australian Constitution*. This will be referred to in classes and may be taken into the examination room.

508. Jurisprudence.

Pre-requisite subjects: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507).

The philosophy of law; historical and analytical jurisprudence.

Text-books:

Lloyd, D., *Introduction to jurisprudence* (Stevens).

Paton, G., *A text-book of jurisprudence*, 2nd edition (O.U.P.).

Reference books:

Allen, C. K., *Law in the making*, 6th edition (O.U.P., 1951).

Cardozo, *The nature of the judicial process* (Yale U.P., 1948).

d'Entrèves, *Natural law* (Hutchinson's U.L., 1951).

Diamond, *The evolution of law and order* (Watts, 1951).

Friedmann, *Legal theory*, 3rd edition (Stevens, 1953).

Hall, J., *Readings in jurisprudence* (Bobbs-Merrill, 1938).

Jones, J. W., *Historical introduction to the theory of law* (O.U.P., 1940).

Salmond, *Jurisprudence*, 11th edition (Sweet and Maxwell, 1947).

Stone, J., *The province and function of law* (Maitland, 1952).

Students are expected before the beginning of the course to have read Sabine, *History of political theory*, especially sections on Aristotle, Cicero, Aquinas, Machiavelli, Hobbes, Locke, Rousseau, Bentham, Austin, Kant, Hegel, Marx.

509. Roman Law.

Pre-requisite subjects: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507); and Latin at the Leaving Examination.

A course of lectures extending over two terms covering a general outline of Roman private law.

Students will be expected to compare Roman law with South Australian law on relevant topics.

Text-books:

- Lee, R. W., *The elements of Roman law*, 4th edition (Sweet and Maxwell).
 Sohm, R., *Institutes of Roman law* (O.U.P.).

Reference books:

- de Zulueta (ed.), *Gaius*, Vols. I and II (O.U.P.).
 Moyle (ed.), *Justinian's Institutes* (O.U.P.).
 Buckland, *A text-book of Roman law* (C.U.P.).
 Hunter, W. A., *Roman law* (Sweet and Maxwell).
 Jolowicz, *Historical introduction to the study of Roman law*, 2nd edition (C.U.P.).
 Buckland and McNair, *Roman law and common law*, 2nd edition (C.U.P.).
 Schulz, F., *Classical Roman law* (O.U.P.).

510. International Law.

Pre-requisite subjects: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507).

Text-books:

- Lauterpacht, H., *Oppenheim's international law*, 7th edition, Vol. I.
 Green, L. C., *International law through the cases*, 2nd edition (Stevens).
 Brierly, *The law of nations*, 5th edition (1953).

Reference books:

- Lauterpacht, H., *Recognition in international law* (O.U.P.).
 O'Connell, D. P., *The law of state succession* (C.U.P.).
 Colombos, C. J., *International law of the sea*, 4th edition (Longmans).
 McNair, A., *The law of treaties* (O.U.P.).

511. Legal History.

Pre-requisite subjects: Elements of Law (501); Constitutional Law I (502); Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Constitutional Law II (507).

No attempt will be made to deal with the entire history of English law. Lectures will be confined to a number of special subjects, but students will be expected to revise the general material on legal history which they will have studied in their first year.

The lecture subjects for the year 1961 will be: The origins and growth of torts (including trespass and case); the history of contract (including consideration and unjust enrichment); the 18th century developments, e.g. Lord Mansfield and commercial law; the growth of equity; law and social change since 1800; and other topics to be prescribed in lectures.

There is no one text-book which within a short compass deals adequately with all the subjects to be discussed. But students should provide themselves with the following works:

- Fifoot, C. H. S., *History and sources of the common law* (Stevens).
 Radcliffe, G. R. Y., and Cross, G., *English legal system*, 3rd edition (Butterworth).
 Delany, V. (ed.), *The Maitland reader* (Oceana, 1957).

Reference books:

- Holdsworth, W. S., *A history of English law*, especially Vols. III, IV, VII and VIII (Methuen).
 Plucknett, T. F. T., *Concise history of the common law*, 5th edition (Butterworth).
 Ames, J. B., *Lectures on legal history* (Harvard U.P.).
 Pollock, F., and Maitland, F. W., *History of English law*, Vols. I and II (C.U.P.).
 Holmes, O. W., *The common law* (Little, Brown).
 Maitland, F. W., *Collected papers* (C.U.P.).
 Maitland, F. W., *The forms of action at common law* (C.U.P.).
 Kiralfy, A. K., *The action on the case* (Sweet and Maxwell).

- Potter, H., *Historical introduction to English law*, 4th edition (Sweet and Maxwell).
 Association of American Law Schools, *Select essays in Anglo-American legal history*, Vols. I-III (Little, Brown).
 Sutton, *Personal actions at common law* (Butterworth).
 Dacey, A. V., *Law and public opinion in England*, 5th edition (Macmillan).

512. Equity.

Pre-requisite subject: The Law of Property (506).

Such of the following special subjects as may be chosen by the lecturer: The principles of equity and equitable estates and interests; trusts; mortgages; wills and intestacy; administration of estates; the principles of conveyancing. The statutes relating to the special subjects and referred to in the lectures. Reports of cases specially prescribed in lectures.

Text-books:

- Snell, E. H. T., *Principles of equity*, 24th edition (Sweet and Maxwell).
 Nathan, J. A., *Equity through the cases*, 3rd edition (Stevens).
 Other books on particular subjects suggested in lectures.

Reference books:

- Ford, H. A. J., *Cases on trusts* (Law Book Co.).
 McDougall, A., *Modern conveyancing* (Pitman).

513. Mercantile Law I.

Pre-requisite subject: The Law of Contract (504).

General principles of mercantile law; more specific treatment of laws relating to sale of goods, hire-purchase agreements, bills of sale, bailment, guarantees and indemnities, negotiable instruments with particular emphasis on cheques and agency; introduction to partnership, company and bankruptcy laws; statutes and reports of legal decisions prescribed during the lectures and, particularly, the following statutes, which students should acquire before lectures commence and which may be taken into the examination in this subject:

- Commonwealth: *Bills of Exchange Act*, 1909-1936.
 South Australian: *Sale of Goods Act*, 1895-1952.
 Hire-Purchase Agreements Act, 1931.
 Bills of Sale Act, 1886-1935, and
 Bills of Sale Act Amendment Act, 1940.
 Mercantile Law Act, 1936.

No general text-book is prescribed.

Reference books:

- Riley, B. B., *Bills of exchange in Australia* (Law Book Co., 1953).
 Paton, G. W., *Bailment in the common law* (Stevens, 1952).
 Coppel, E. G., *Bills of sale* (Law Book Co., 1935).
 Dean, A., *Law relating to hire-purchase in Australia*, 2nd edition (Law Book Co.).
 Fridman, G. H. L., *The law of agency* (Butterworth).
 Atiyah, P. S., *The sale of goods* (Pitman, 1957).
 Schmitthoff, C. M., *The sale of goods* (Stevens, 1951).
 Megrah, M., *The bills of exchange act*, 1882 (Pitman, 1958).
 Yorston, R. K., and Fortesque, E. E., *Australian mercantile law*, 11th edition (Law Book Co., 1959).

514. Private International Law.

Pre-requisite subjects: The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Equity (512); Mercantile Law I (513).

General principles of private international law; application of private international law between the different States of Australia; statutes and reports of cases prescribed in lectures.

Reference books:

- Dicey, *Conflict of laws*, 7th edition (Stevens).
 Graveson, R. H., *The conflict of laws*, 3rd edition (Sweet and Maxwell).
 Cheshire, G. C., *Private international law*, 5th edition (Clarendon Press).
 Cook, W. W., *Logical and legal bases of the conflict of laws* (Harvard U.P., 1949).
 Lorenzen, E. G., *Selected articles on the conflict of laws* (Yale U.P., 1947).
 Falconbridge, J. D., *Essays on the conflict of laws*, 2nd edition (Canada Law Book Co.).
Restatement of the law—volume on conflict of laws (American Law Institute, 1934).
 Morris, J. H. C., *Cases on private international law*, 3rd edition (O.U.P.).
 Graveson, R. H., *Cases on conflict of laws* (Stevens, 1949).
 Cowen, Z., *American-Australian private international law* (Oceana, 1957).

515. Family Law.

Pre-requisite subjects: The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Equity (512); Mercantile Law I (513).

Details of this course and a reading list are available at the Law School.

516. Mercantile Law II.

Pre-requisite subjects: Equity (512); Mercantile Law I (513).

The course consists of a detailed study of selected topics in commercial law. It includes an examination of particular aspects of company law; bankruptcy; banking; insurance; partnership; transport.

Further details of this course and a list of text-books, statutes and other reading material are available at the Law School.

517. Administrative, Local Government and Industrial Law.

Pre-requisite subjects: Equity (512); Mercantile Law I (513).

Details of this course and a reading list are available at the Law School.

518. The Law of Evidence and Procedure.

Pre-requisite subjects: Criminal Law and Procedure (503); The Law of Contract (504); The Law of Torts (505); The Law of Property (506); Equity (512).

The law of evidence generally; pleading and practice in the Supreme Court and Local Court.

Text-books:

- Cross, R., *Evidence* (Butterworth, 1958).
 Cockle, E., *Cases and statutes on the law of evidence*, 9th edition (Sweet and Maxwell, 1957).
 Odgers, W. B., *Principles of pleading* (Stevens).

Reference books:

- Stephen, J. F., *A digest of the law of evidence*, 12th edition (Macmillan).
 Phipson, S. L., *Manual of the law of evidence*, 8th edition (Sweet and Maxwell).
The annual practice (Sweet and Maxwell).
 Hannan, A. J., *Practice of the Local Court in South Australia* (Law Book Co.).

519. Taxation Law.

Available to graduates in law, to those who have obtained the final certificate in law, and with the Faculty's permission to law students in their final year.

Details of this course and a reading list are available at the Law School.

520. The Law Relating to Companies, Partnership, Bankruptcy, and Divorce.

Pre-requisite subjects: Equity (512); Mercantile Law I (513).

A course of lectures dealing with these subjects extending over one year.

Reference books:

- Pollock, F., *Digest of the law of partnership* (Stevens).
 Charlesworth, J., *Principles of company law* (Stevens).
 Collins, C. M., *Australian company law: a handbook* (Law Book Co.).
 Lewis, A. N., *Text-book of Australian bankruptcy law*, 4th edition (Law Book Co.).
 Young, N. S., *Bankruptcy practice in Australia* (Law Book Co.).
 Topham, *Company law*, 12th edition (Butterworth).

521. Legal Ethics and Accounts.

A course of lectures on the rules and etiquette of professional practice, and on accounting procedures in the practitioner's office.

Arts Subjects.

See Regulation 3 (1) (b) of the LL.B. Regulations.
 Syllabuses as prescribed under the Faculty of Arts.

FACULTY OF MEDICINE

DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY FIRST EXAMINATION

531. Physics.

This course consists of three lectures and three hours' practical work a week throughout the academic year.

Reference books:

- One of the text-books prescribed for General Physics (221).
 Rogers, J. S., *Physics for medical students* (M.U.P.).
 Webster, H. C., and Robertson, D. F., *Medical physics* (Queensland U.P.).

532. Chemistry.

A course of lectures (three hours a week) arranged as follows: First term, physical chemistry two hours, organic chemistry one hour a week. Second and third terms, physical and inorganic chemistry one hour, organic chemistry two hours a week.

A course of practical chemistry (three hours a week) consisting of two terms physical and inorganic chemistry and one term organic chemistry.

Text-books:

- Crockford, H. D., and Knight, S. B., *Fundamentals of physical chemistry* (Wiley).
 Brown, G. I., *A simple guide to modern valency theory* (Longmans).
 Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

269. Biology.

For syllabus, see under the Faculty of Science.

534. Medicine and the Humanities.

The purpose of this course may be summed up under three headings: First, to provide the essential background of a liberal education in the form of an outline of the history of Western Civilisation and its achievements in the arts and the sciences, with special reference to the contemporary theory and practice of medicine. Secondly, to give students the opportunity of direct acquaintance with a sample of the great classics of medical literature, in the writings of Hippocrates, Harvey, Osler and Sherrington. Thirdly, by means of essays to be read and discussed with the Reader in small groups, to provide students with regular practice in expressing their ideas clearly and correctly.

Text-books:

- Childe, G., *What happened in history?* (Penguin).
 Kitto, H. D. F., *The Greeks* (Penguin).
 Barrow, R. H., *The Romans* (Penguin).
 Power, Eileen, *Medieval people* (Penguin).
 Davis, H. W. C., *Medieval Europe* (H.U.L.).
 Sherrington, Sir Charles, *Man on his nature* (Penguin).
 Dawson, C. H., *Religion and the rise of western culture* (Doubleday, Image).
 Guthrie, *History of medicine* (Nelson).
Harvey's treatise on the motion of the heart and blood (Everyman).
 Osler, Sir William, ed. Verney, *The student life* (Livingstone).
 Lindsay, A. D., *The modern democratic state* (O.U.P.).
 Ashton, *The industrial revolution* (H.U.L.).
 Brinton, *Ideas and men* (Prentice-Hall).
 Hammond, J. L. and Barbara, *The bleak age* (Penguin).
 Hippocrates, *Medical works* (Blackwell).

SECOND EXAMINATION

541. Biochemistry.

This course consists of three lectures and two periods of laboratory work a week during the first term and two lectures and one period of laboratory work a week during the second and third terms of the second year.

Subject-matter of the course:

First term.—The chemistry of carbohydrates, lipids and proteins in relation to foodstuffs and living tissues; the nature and activity of enzymes and the chemistry of digestion; the composition and function of blood and of other tissue fluids.

Second and third terms.—The absorption and intermediary metabolism of foodstuffs; energy relationships and oxidation mechanism; vitamins; the metabolism of water and inorganic elements; the chemistry of hormones; abnormalities of metabolism.

An additional course of about ten lectures on clinical tests is given to medical students in connection with their practical work.

PRACTICAL WORK:

During the first term students perform experiments illustrating the chemical properties of carbohydrates, fats, proteins, enzymes, and other substances of biochemical importance.

In the second and third terms, medical students conduct quantitative examinations of urine, milk, blood and gastric contents, and perform various clinical tests.

Text-books:

- Mitchell, P. H., *Textbook of biochemistry*, latest edition (McGraw-Hill); or
 Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications); or
 Harrow, B., and Mazur, A., *Textbook of biochemistry* (Saunders); or
 Kleiner, I. S., *Human biochemistry*, 2nd edition (Kimpton).
 Mitchell, M. L., *Handbook of practical biochemistry* (Hassell).

Reference book:

- Cantarow, A., and Trumper, M., *Clinical biochemistry*, 4th edition (Saunders).

542. Histology and Embryology.

A course of lectures and practical classes on the development and microscopic structure of the tissues, organs and systems of the body, extending over three terms. Before the time of examination students are required to submit their notebooks as evidence of satisfactory attendance at practical classes. Medical students are expected to provide their own microscopes and the following books:

Ham, A. W., *Histology*, 3rd edition (Lippincott); or
 Maximow, A. A., and Bloom, W., *A text-book of histology*, 7th edition (Saunders); together with:
 Hamilton, W. J., and others, *Human embryology* (Heffer).
 Ford, E. B., *Genetics for medical students*, 3rd edition (Methuen).

Recommended for further reading:

Clark, W. E. Le Gros, *The tissues of the body*, 4th edition (O.U.P.).
 Corner, G. W., *Ourselves unborn* (Yale U.P.).
 Barclay, A. E., and others, *Foetal circulation and cardiovascular system, a synopsis for students* (Blackwell).
 Smith, C. A., *The physiology of the newborn infant*, 3rd edition (Thomas).
 Harrison, R. J., *Man the peculiar animal* (Pelican).
 Auerbach, C., *Genetics in the atomic age* (Oliver and Boyd).
 Harrison, R. G., *A textbook of human embryology* (Blackwell).

THIRD EXAMINATION**546. Anatomy.**

The course in Anatomy extends over five terms, beginning in the first term of the second year of the medical course, and is so arranged that the dissection of the human body can be completed by the end of the course. The dissecting room is open from Monday to Friday from 9 a.m. to 5 p.m., and on Saturday from 9 a.m. to 11 a.m. during each week of term, under the supervision of the professor, the reader, lecturers and demonstrators.

A series of oral examinations must be passed on the parts of the body as they are dissected.

The following lectures and practical classes are held:

During the whole period, tutorial classes on regional anatomy.

During the first term, a course of introductory lectures on anatomy.

During the fourth and fifth terms, a course of lectures and practical classes on the gross and microscopical anatomy of the nervous system.

During the fifth term, lectures and demonstrations on special topics not already covered.

Students must equip themselves with dissecting instruments, half a human skeleton, and the following books:

Gray, H., *Anatomy, descriptive and applied* (Longmans); or
 Cunningham, D. J., *Textbook of anatomy* (O.U.P.); or
 Lockhart, R. D., Hamilton, G. E., and Fyffe, F. W., *Anatomy of the human body* (Faber and Faber).
 Cunningham, D. J., *Manual of practical anatomy*, Vols. 1, 2 and 3 (O.U.P.).

The following books are also recommended:

Appleton, A. B., Hamilton, W. J., and Simon, G., *Surface and radiological anatomy*, latest edition (Heffer).
 Lockhart, R. D., *Living anatomy* (Faber).
 Maguire, F. A., *Anatomy of the female pelvis* (Angus and Robertson).
 Ranson, S. W., *Anatomy of the nervous system from the standpoint of development and function*, 9th edition (Saunders).

Books for further reading and reference will be recommended from time to time and can be consulted in the medical library.

547. Human Physiology.

The course in Human Physiology extends over the second and third terms of the second year and the first and second terms of the third year of medical study.

Text-book:

Bell, G. H., Davidson, J. N., and Scarborough, H., *Text-book of physiology and biochemistry*.

Reference books:

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox); or

Houssay, B. A., *Human physiology*, 2nd edition (McGraw-Hill, 1955).

For the continuation of this subject into the fourth and fifth years of medical study see Applied Physiology and Pharmacology (553).

FOURTH EXAMINATION

551. General Pathology.

This course comprises an introduction to the subject. The nature and causes of disease are first considered, and then follows a full consideration of the inflammatory reaction, including tissue regeneration and repair. Other topics are coagulation and its disorders, thrombosis, embolism and infarction, retrograde cellular changes and degenerations, the biological effects of radiant energy, the fundamentals of the neoplastic process, haemorrhage, shock and oedema, immune processes. A more detailed syllabus is issued to each student when he commences the course.

Text-book:

Wright, G. Payling, *An introduction to pathology*, latest edition (Longmans).

Reference book:

Florey, Sir Howard, *General pathology*, 2nd edition (Lloyd-Luke).

552. Bacteriology.

Morphology, physiology, cultivation, isolation and classification of bacteria of medical importance; principles of sterilisation, disinfection and chemotherapy; principles of immunology; the filterable viruses; elementary medical mycology; protozoa of medical importance. Bacteria in relation to disease: general and special bacteriological methods useful in diagnosis; collection of specimens for bacteriological and serological examination; the bacteriology, immunology and epidemiology of specific infections.

Text-book:

Dubos, R., *Bacterial and mycotic infections of man*, 3rd edition (Pitman Medical).

Reference book:

Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology*, 9th edition (Livingstone).

553. Applied Physiology and Pharmacology.

The course extends through three consecutive terms beginning with the third term in the third year of medical studies. There will be two lectures and one practical class a week in the third term of the third year and one lecture and one lecture-symposium a week in the first and second terms of fourth year. The subject-matter will be the application of the more important principles of physiology and pharmacology to medicine and surgery.

Text-books:

Wilson, A., and Schild, H. O., *Clark's applied pharmacology*, 9th edition (Churchill).

Wright, S., *Applied physiology* (O.U.P.).

Reference books:

Goodman, L., and Gilman, A., *The pharmacological basis of therapeutics* (Macmillan).

Sollman, T., *A manual of pharmacology* (Saunders).

Wiggers, C. J., *Physiology in health and disease* (Lea and Febiger).

Micks, R. H., *Essentials of materia medica and therapeutics*, 7th edition (Churchill, 1951).

554. Pharmacy.

The course is given during the third term of the fourth year.

An examination is held at the end of the course.

Prescription writing — weights and measures; legal restriction of narcotics and poisons; the principles of pharmaceutical formulation; practical exercises in the formulation and preparation of pharmaceuticals.

Text-books:

Staff of the Pharmacy Department, *A guide to practical pharmacy.*
 Royal Adelaide Hospital *pharmacopoeia.*
 Adelaide Children's Hospital *pharmacopoeia.*
 Australian *pharmaceutical formulary.*

FIFTH EXAMINATION.**561. Special Pathology.**

In this course the naked-eye and microscopic changes in diseased organs and tissues are considered in detail, and the morbid physiology of disease is also discussed.

The course comprises systematic lectures, weekly tutorials and practical work in the laboratory of histopathology, clinico-pathological demonstrations of selected cases, which are held weekly during term, and attendance at autopsies in the mortuary of the Royal Adelaide Hospital.

Autopsies are held daily when material is available, and students are required to attend as many as possible, and in any case not fewer than forty a year.

Text-books:

Cappell, D. F., *Muir's text-book of pathology* (Arnold).
 Hutchison, R., and Hunter, D., *Clinical methods* (Cassell).

Reference books:

Anderson, W. A. D., *Pathology*, 3rd edition (Mosby).
 Willis, R., *Pathology of tumours* (Butterworth).
 Novak, E., *Gynaecological and obstetrical pathology* (Saunders).
 Wintrobe, M. M., *Clinical hematology* (Lea and Febiger).

562. Public Health and Preventive Medicine.

The course of study includes lectures, group investigations and reports in which each student participates, and visits to installations of public health importance.

The course deals with the principles of the subject and with their practical applications in: environmental sanitation; control of communicable and other diseases; occupational medicine; preventive medicine in clinical practice; health legislation and administration.

Current medical journals and the following books and documents are recommended for reference:

American Public Health Association, *Control of communicable diseases* (1955).
 Burnet, Sir MacFarlane, *The natural history of infectious disease* (C.U.P.).
 Davies, I. G., *Modern public health for medical students* (Arnold).
 Hare, R., *Pomp and pestilence* (Gollancz).
 Leavell, H. R., and Clark, E. G., *Preventive medicine for the doctor in his community* (McGraw-Hill).
 Rosenau, M. J., *Preventive medicine and hygiene* (Appleton).
Health Act and Regulations (South Australia).
Food and Drugs Act and Regulations (South Australia).
Dangerous Drugs Act (South Australia).

563. Forensic Medicine.

The Coroner's Court, Magistrate's Court, Local Court and Supreme Court; medical evidence, use of statements, expert evidence, medical privilege; dying declarations; duties of a medical man in regard to crime; rights of the individual, e.g., accused or a prisoner on medical examination; position of medical man acting for employers or insurance agents when examining patients; legal side of manslaughter by negligence, abortion, infanticide, concealment of birth, notification of birth; medico-legal bearings of divorce; signs of death; putrefaction; sudden deaths, asphyxia, syncope, coma; natural sudden deaths; post-mortem examinations, including exhumations; wounds, accidental, suicidal, homicidal, and fabrications; asphyxia, hanging, strangulation, drowning, poisoning, electrocution, abortions and infanticide; examinations of victims and accused in cases of criminal assault, rape, etc.; suspected drunkenness; duties of prison doctors; poisons, sales of poisons, Dangerous Drugs Act; Pharmacy and Poisons Acts; collecting material for analysis; examination of blood for alcohol; tests for human and other bloods; blood groups; paternity cases; seminal stains; hairs and fibres.

Text-book:

Simpson, K., *Forensic medicine*, 3rd edition (Arnold).

Reference books:

Smith, S., *Forensic medicine*, latest edition (Churchill).

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).

SIXTH EXAMINATION

571. Group I: The Principles and Practice of Medicine and Therapeutics.

A. MEDICINE: A course of lectures extending over two years in the principles and practice of medicine, including therapeutics, in general and special diseases.

1. Medicine.

Text-books:

Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone); or

Coneybeare, Sir J., and Mann, W. N., *Text-book of medicine* (Livingstone); or

Beaumont, G. E., *Medicine* (Churchill); or

Richardson, J. S., *The practice of medicine* (Churchill).

General reference books:

Price, F. W., *A text-book of the practice of medicine* (O.U.P.).

Cecil, R. L. F., and Loeb, R. F., *Text-book of medicine* (Saunders).

Harrison, T. R., and others, *Principles of internal medicine* (McGraw-Hill).

Special reference books:

Wood, P. H., *Diseases of heart and circulation* (Eyre and Spottiswoode).

Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).

Brain, Sir R., *Diseases of the nervous system* (O.U.P.).

Coope, R., *Diseases of the chest* (Livingstone).

Percival, D. H., *An introduction to dermatology* (Livingstone).

De Wardener, H. E., *Kidney disease* (Churchill).

Sherlock, S. P. V., *Liver disease* (Churchill).

Harris, E. H. R., and Mitman, M., *Clinical practice in infectious diseases* (Livingstone).

Gruchy, C. de, *Clinical hematology in medical practice* (Blackwell).

2. Physical Signs, Diagnosis and Chemical Methods.

Text-books:

Hutchison, Sir R., and Hunter, D., *Clinical methods* (Cassell).

Krupp, M. A., and others, *Physicians handbook* (Lange).

Reference books:

Cabot, R. C., *Physical diagnosis* (Baillièrè, Tindall and Cox).

Harrison, G. A., *Chemical methods in clinical medicine* (Churchill).

Stokes, E. H., *Clinical investigation* (Angus and Robertson).

3. Therapeutics.

Text-books:

Dunlop, D. M., McNee, J. W., and others, *Text-book of medical treatment* (Livingstone).

White, Sir W. Hale, *Materia medica, pharmacy, pharmacology and therapeutics* (Churchill).

B. PSYCHOLOGICAL MEDICINE: A course of ten lectures and eight demonstrations at the Enfield Receiving House in the first and second term of sixth year.

Psycho-pathology; disorders of cognition, affection and conation; mental mechanisms; amnesia, affective psychoses; schizophrenic paranoid psychoses; confusional and tonic states; other organic psychoses; the legal relationship of mental disorders.

Text-books:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).

Kahn, R. L., and Cannell, C. F., *The dynamics of interviewing* (Wiley, 1957).

Stafford Clark, D., *Psychiatry today* (Pelican).

Valentine, M., *An introduction to psychiatry* (Livingstone, 1955).

C. MEDICAL DISEASES OF CHILDREN: Lectures, tutorials, and clinical instruction in the general problems of paediatrics, including the newborn.

Text-books:

Ellis, R. W. B., *Disease in infancy and childhood* (Livingstone).

Nelson, W. E., *Text-book of paediatrics*, latest edition (Saunders).

572. Group II: The Science and Art of Surgery.

A. SURGERY: A course of lectures and demonstrations extending over two years in the principles and practice of surgery.

Text-books:

Blackburn, G., and Lawrie, R., *Text-book of surgery* (Blackwell).

Bailey, H., and Love, R. J. M., *Short practice of surgery* (Lewis).

Illingworth, C. F. W., *Text-book of surgical treatment, including operative surgery* (Livingstone).

Adams, J. C., *Outline of orthopaedics* (Livingstone).

Adams, J. C., *Outline of fractures* (Livingstone).

Bailey, H., *Demonstrations of physical signs in clinical surgery* (Wright).

Pye, W., *Surgical handicraft* (Wright).

Reference books:

Aird, I., *A companion to surgical studies* (Livingstone).

Jones, R. Watson-, *Fractures and other bone and joint injuries* (Livingstone).

Bailey, H., *Emergency surgery* (Wright).

Farquharson, E. L., *Text-book of operative surgery* (Livingstone).

Rowbotham, G. F., *Head injuries* (Livingstone).

Welch, C. S., and Powers, S. R., *The essence of surgery* (Saunders).

B. DISEASES OF THE EYE: A course of fifteen lectures dealing with: examination of the eyes; refraction; diseases and injuries of the eyelids, conjunctiva, and lachrymal apparatus; diseases and injuries of the eyeball; including glaucoma and amblyopia; affections of the ocular muscles; operations upon the eye and its appendages.

Text-book:

Wolff, E., *Diseases of the eye* (Cassell).

C. DISEASES OF THE EAR, NOSE AND THROAT: A course of ten lectures dealing with: nasal obstruction due to disease and injury; acute and chronic sinusitis, symptoms, and treatment; nasal manifestations of allergy and treatment; epistaxis—causes and treatment; throat infections—types, causes and treatment; malignant disease of throat, its surgery and treatment by radiation; dysphagia—types, causes, and treatment; cardiospasm; diseases of the larynx and their treatment, with special reference to tuberculosis and cancer; the nature of hearing and deafness; causes and types of deafness and their treatment; suppurative otitis and its complications; tinnitus; vertigo; injuries to ear; vestibular tests.

Text-book:

Hall, I. S., *Diseases of the nose, throat, and ear* (Livingstone).

Reference book:

Jackson, C., and others, *Nose, throat and ear, and their diseases* (Saunders).

D. SURGICAL DISEASES OF CHILDREN: Ten lecture-demonstrations on surgical diseases of children given at the Adelaide Children's Hospital in the fifth year of the medical course.

Text-book:

Swenson, Orvar, *Pediatric surgery* (Appleton-Century-Crofts).

E. DENTISTRY: Extraction of teeth under local and general anaesthetic on at least four patients; instruction on normal and abnormal arrangement of teeth, the importance of deciduous dentition and conservation of teeth, and recognition and treatment of certain teeth and gum conditions, e.g., temporary treatment of carious teeth, abscess conditions, pyorrhoea, inflammatory and ulcerative conditions of gums, dental use of X-rays, regulation of children's teeth.

F. RADIOLOGY: A course of lecture-demonstrations in third year, dealing with: surgical and applied anatomy combined with the radiological investigation of bones and joints, of thorax, of alimentary tract, of liver and gall bladder, of urinary tract, of female pelvic organs and of soft tissues.

Further lecture-demonstrations will be given through the fourth and fifth year Surgery lecture course.

G. ANAESTHETICS: A course of lectures on the principles of anaesthetics; a course of instruction in the administration of anaesthetics and the care of the anaesthetized patient.

573. Group III: Obstetrics and Gynaecology.

A course of lectures in obstetrics and gynaecology is given during the fifth year and a course of clinical lectures during the sixth year. Clinical tuition is given during the fifth and sixth years as follows:

A. OBSTETRICS: Students reside in one of the obstetric teaching hospitals for a total period of eight weeks.

B. GYNAECOLOGY: Students attend the gynaecological clinics and wards of the Royal Adelaide Hospital or the Queen Elizabeth Hospital for six weeks.

Text-books:

Baird, D., *Combined text-book of obstetrics and gynaecology*, 6th edition (Livingstone, 1957).

Jeffcoae, T. N. A., *Principles of gynaecology* (Butterworth, 1957).

Mayes, B. T., *Text-book of obstetrics*, 2nd edition (Australasian Publishing Co., 1959).

Hamlin, R. H. J., *Stepping stones to labour ward diagnosis* (Rigby, 1959).

Reference books:

Browne, F. J., and Browne, J. C. M., *Ante-natal and post-natal care*, 8th edition (Churchill, 1955).

Moir, J. C., *Operative obstetrics*, 6th edition (Ballière, Tindall and Cox).

Eastman, N. J., *Obstetrics*, 11th edition (Appleton-Century-Crofts, 1956).

Shaw, W., *Text-book of operative gynaecology* (Livingstone, 1954).

MacLeod, D. H., and Read, C. D., *Gynaecology*, 5th edition (Churchill, 1955).

574. Medical Ethics.

A short course of lectures on the ethics of the profession.

The relationship of practitioners to one another, to patients, nurses, chemists, friendly societies, the public, advertising, hospitals, the law courts, and the State.

FACULTY OF DENTISTRY.

DEGREE OF BACHELOR OF DENTAL SURGERY.

FIRST YEAR.

531. Physics.

For syllabus, see under Faculty of Medicine.

532. Chemistry.

For syllabus, see under Faculty of Medicine.

269. Biology.

For syllabus, see under Faculty of Science.

616. Dental Materials and Technics.

For syllabus, see under the second year.

SECOND YEAR.

611. General Anatomy.

The course consists of systematic lectures, demonstrations, and practical work and extends over three terms. It is so arranged as to cover the general anatomy of the body and the principles underlying its structure, the detailed topographical anatomy of the head and neck and the dissection of this region.

Text-books:

- Cunningham, D. J., *Manual of practical anatomy*, Vol. 3 (O.U.P.).
 Scott, J. H., and Dixon, A. D., *Anatomy for students of dentistry* (Livingstone).

612. General and Dental Histology.

This course of study extends over three terms and consists of lectures, demonstrations and practical classes on general histology and histology and development of teeth and adjacent structures.

Text-books:

- Hewer, E. E., *Textbook of histology for medical students* (Heinemann).
 Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

Reference books:

- Mummary, J. H., *The microscopic anatomy of the teeth* (O.U.P.).
 Widdowson, T. W., *Special or dental anatomy* (Staples).

613. Biochemistry.

A course of lectures and practical work on general biochemistry during one term.

Text-book:

- Mitchell, M. L., *Practical biochemistry for medical students* (Hassell).

Reference books:

- Thorpe, W. V., *Biochemistry for medical students*, 4th edition (Churchill);
 or
 Harrow, B., and Mazur, A., *Textbook of biochemistry* (Saunders); or
 Haurowitz, F., *Biochemistry* (Chapman and Hall).

614. Physiology.

A course of lectures and practical work extending over three terms.

Text-books:

- Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).
 Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall).
 Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

615. Oral Anatomy and Physiology.

A course of lectures and demonstrations will be given on the morphology of human teeth, deciduous and permanent; the anatomy of the human jaws and associated structures; and the principles of neuro-anatomy and physiology applied to oral functions.

The teeth and associated structures will be studied in a series of experiments and laboratory exercises which include tooth drawing and carving.

Text-books:

- Wheeler, R. C., *Text-book of dental anatomy and physiology*, 3rd edition (Saunders, 1958).
 Scott, J. H., and Symons, N. B., *Introduction to dental anatomy*, 2nd edition (Livingstone, 1958).
 Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

Reference books:

- Black, G. V., *Descriptive anatomy of the human teeth* (White Dental Manufacturing Co.).
 O'Rourke, J. T., and Miner, L. M. S., *Oral physiology* (Mosby).

616. Dental Materials and Technics.

The course of lectures, tutorials and practical work begins in the third term of the first year of the dental curriculum and extends over three terms.

Physical, chemical and mechanical properties of materials used in dentistry are studied in a series of experiments and laboratory exercises. Special attention is paid to the effects of dental materials on living tissues. Instruction is given on the manipulation of materials in basic dental technics.

Text-book:

- Skinner, E. W., *The science of dental materials*, 4th edition (Saunders).

Reference books:

- Anderson, J. N., *Applied dental materials* (Blackwell).
Australian dental standard specifications.
 American Dental Association, *Specifications for dental materials* 1960-1961.

THIRD YEAR

621. Applied Oral Anatomy and Physiology.

This course of study is an extension of Oral Anatomy and Physiology (615) with special reference to its application to clinical dentistry. It extends over three terms and consists of lectures, demonstrations and clinical tutorials on the following: comparative anatomy; evolution of the teeth and jaws; development and post-natal growth of the skull; functional anatomy of the oral cavity; neuromuscular control of mastication; applied physiology of the systems of the body.

Text-book:

- Scott, J. H., and Symons, N. B., *Introduction to dental anatomy*, 2nd edition (Livingstone).

Reference books:

- Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).
 Sicher, H., *Oral anatomy*, 3rd edition (Mosby, 1960).
 Klatsky, M., and Fisher, R. L., *The human masticatory apparatus* (Kimp-ton, 1953).
 O'Rourke, J. T., and Miner, L. M., *Oral physiology* (Mosby, 1951).
 Selected papers from dental and medical journals.

622. General Pathology.

A course of instruction on the general principles of pathology, inflammation, repair of injuries, tumours, reactions of degeneration, syphilis, tuberculosis, and actinomycosis, with special reference to diseases associated with the mouth and adjacent parts.

Text-books:

- Montgomery, G. L., *Pathology for students of dentistry* (Livingstone, 1953).
Wright, G. Payling, *An introduction to pathology*, latest edition (Longmans).

623. Oral Pathology and Microbiology.

This course of instruction is based on the principles of general pathology and microbiology. Oral manifestation of disease processes and special reactions of dental tissues are studied. Clinical instruction is given in history taking, examination procedure and the use of special investigations in diagnosis. Practical instruction is given in clinical and microscopic anatomy of diseased oral tissues.

Text-books:

- U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott, 1956).
Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).

Reference books:

- Stones, H. H., *Oral and dental diseases* (Livingstone).
Pickerill, H. P., *Prevention of dental caries and oral sepsis* (Baillière, Tindall and Cox).

624. Restorative Dentistry.

The courses in conservative dentistry and prosthetic dentistry are introduced by a series of lectures on the general principles of restorative dentistry. Studies in oral anatomy and physiology, oral pathology and microbiology, and dental materials and technics, are related to the problems involved in treating diseased oral tissues by restorative procedures.

CONSERVATIVE DENTISTRY: A course of lectures, demonstrations, practical exercises and clinical tutorials related to the conservation of teeth and restorative dentistry by operative procedures.

Text-book:

- Gabel, Arthur B. (ed.), *American text-book of operative dentistry* (Lea and Febiger).

Reference books:

- Black, G. V., *Operative dentistry* (section dealing with technical procedure in filling teeth) (Kimpton).
Brauer, Higley, Massler and Schour, *Dentistry for children*, 2nd edition (Blakiston).
Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).
McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).
Parfitt, J. B., and Herbert, W. E., *Operative dental surgery* (Arnold).

PROSTHETIC DENTISTRY: A course of lectures, demonstrations, practical exercises and clinical tutorials related to the replacement of missing teeth and associated structures.

Text-books:

- Wilson, J. H., *Partial dentures* (Angus and Robertson).
Osborne, J., *Dental mechanics for students*, 4th edition (Staples).

MICROBIOLOGY: For syllabus, see under the fourth year.

PHARMACOLOGY AND THERAPEUTICS: For syllabus, see under the fourth year.

FOURTH YEAR.

631. General Medicine.

A special course of lectures and clinical instructions in the principles of medicine and on the diseases of different organs and systems of the body, with particular reference to the relationship between general and dental disorders.

Text-book:

Comroe, B. I., Collins, L. H., and Crane, M. P., *Internal medicine in dental practice* (Kimpton).

Reference book:

Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone).

632. General Surgery.

A course of lectures and clinical demonstrations in general surgery, with special reference to the surgery of the mouth and jaws.

Text-books:

Mills, G. P., and Humphreys, H., *Text-book of surgery for dental students* (Arnold); or

Woodruff, Michael F. A., *Surgery for dental students* (Blackwell Scientific Publications).

Bailey, H., *Clinical surgery for dental practitioners* (Lewis).

Reference book:

Blair, V. P., Ivy, R. H., and Brown, J. B., *Essentials of oral surgery* (Mosby).

633. Clinical Dentistry I—Part A.

PREVENTIVE DENTISTRY: Epidemiology of dental disease; methods of control and treatment; relation of dental disease to systematic disease; the place of dentistry in public health programmes.

Text-books:

Muhler and Wisan, *Preventive dentistry* (Kimpton).

Pelton and Wisan, *Dentistry in public health* (Saunders).

Reference books:

O'Rourke, J. T., and Miner, L. M. S., *Oral physiology* (Mosby).

Clements, F. W., et al., *Diet and nutrition for the Australian people* (Angus and Robertson).

Great Britain, Ministry of Food, *Manual of nutrition* (H.M.S.O.).

CHILDREN'S DENTISTRY: A course of instruction on the treatment of injuries and diseases of children's teeth; methods and materials used; child management.

Text-book:

Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).

Reference books:

McBride, W. C., *Juvenile dentistry*, 4th edition (Lea and Febiger).

Brauer, Higley, Massler and Schour, *Dentistry for children*, 6th edition (Blakiston).

Finn, S. B., *Clinical pedodontics* (Saunders).

ORTHODONTIA: A course of instruction and practical work on irregularities of the positions of the teeth and concomitant anomalies of the jaws; their development, causes, consequences, recognition, and treatment by mechanical and surgical means.

Reference books:

Angle, E. H., *Treatment of malocclusion of the teeth* (White Dental Manufacturing Co.).

Brash, J. C., *Four lectures on the aetiology of irregularity and malocclusion of the teeth* (Dental Board of the United Kingdom).

Strang, R. H. W., *Text-book of orthodontia*, 3rd edition (Lea and Febiger).

PERIODONTIA: A course of instruction on diseases of the supporting structures of the teeth and oral mucous membrane, their symptoms, pathology, aetiology, diagnosis, prevention and treatment.

Reference books:

- Orban, Wentz, Everett and Grant, *Periodontics* (Mosby).
 Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).
 Fish, E. W., *Parodontal diseases*, 2nd edition (Eyre and Spottiswoode, 1952).
 Glickman, I., *Clinical periodontology* (Saunders, 1953).
 Burket, L. W., *Oral medicine* (Lippincott).
 U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).

634. Clinical Dentistry I—Part B.

MICROBIOLOGY: A course of lectures and practical work beginning in the third term of the third year and extending over three terms, on the general principles of bacteriology and immunity as applied to dental practice.

The course covers the following: morphology, physiology, cultivation and isolation of yeasts, moulds, bacteria and viruses; principles of sterilisation, disinfection and chemotherapy; general principles of immunology and infection; the characteristics and occurrence of representative groups of yeasts, moulds, bacteria and viruses with particular reference to those involved in dental and oral infections.

ORAL PATHOLOGY: This is a continuation of Oral Pathology and Microbiology (623) at an advanced level.

By means of a course of lectures, clinical tutorials and practical classes, further instruction is given in oral pathology and microbiology and their relation to clinical dentistry.

Text-books:

- Stones, H. H., *Oral and dental diseases*, 2nd edition (Livingstone).
 U.S. National Naval Medical Center, *Color atlas of oral pathology* (Lippincott).

Reference books:

- Thoma, K. N., *Oral pathology*.
 Fish, E. W., *Surgical pathology of the mouth*.

ORAL SURGERY AND ANAESTHESIA: A series of lectures and clinical tutorials is given on the principles and practice of oral surgery and the use of local anaesthesia and general anaesthesia. Clinical tuition, including instruction on theatre procedure, is given in outpatient and inpatient departments of the Royal Adelaide Hospital.

Text-books:

- Mead, S. V., *Oral surgery* (Mosby).
 Fry, W. K., *Dental treatment of maxillo-facial injuries* (Blackwell).
 Nevin, M., and Puterbaugh, P. G., *Conduction, infiltration and general anaesthetics in dentistry* (Dental Items of Interest Publishing Co.).
 Lee, J. A., *Synopsis of anaesthesia* (Wright).

Reference book:

- Rowe, N. L., and Killey, H. C., *Fractures of the facial skeleton*.

PHARMACOLOGY AND THERAPEUTICS: The course of instruction begins in the third term of the third year of the dental curriculum and extends over four terms. It deals with drugs, their physiological action and their application to clinical dentistry.

Text-books:

- Dobbs, E. G., and Prinz, H., *Pharmacology and dental therapeutics*, 10th edition (Mosby).
 American Dental Association, *Accepted dental remedies*, latest edition.

635. Clinical Dentistry I—Part C.

RESTORATIVE DENTISTRY: The separate courses of instruction in conservative dentistry, crown and bridge prosthesis, partial denture prosthesis, immediate replacement denture prosthesis and complete denture prosthesis are applied to the clinical treatment of patients.

Text-books:

- Gabel, Arthur B. (ed.), *American text-book of operative dentistry* (Lea and Febiger).
 McCall, J. O., and Wald, S. S., *Clinical dental roentgenology* (Saunders).
 Doxtater, L. W., *Procedures in modern crown and bridge work* (Dental Items of Interest Publishing Co.).
 Kennedy, E., *Partial denture construction* (Dental Items of Interest Publishing Co.).
 Tylman, S. D., *Crown and bridge prosthesis* (Mosby).
 Swenson, M. G. (ed.), *Complete dentures* (Mosby).
 Wilson, J. H., *Partial dentures* (Angus and Robertson).

Reference books:

- Grossman, L. I., *Root canal therapy*, 3rd edition (Lea and Febiger, 1950).
 Osborne, J., and Lammie, G. A., *Partial dentures* (Blackwell).
 Applegate, O. C., *Essentials of removable partial denture prosthesis* (Saunders).
 Anthony, L. P. (ed.), *American textbook of prosthetic dentistry* (Lea and Febiger).
 Swenson, M. G., and Terkla, L. G., *Complete dentures* (Mosby).
 Gehl, D. H., and Drezen, O. M., *Complete denture prosthesis* (Saunders).

641. Clinical Dentistry II—Part A.

This course is a continuation of studies and clinical practice in preventive dentistry, children's dentistry, orthodontia and periodontia.

642. Clinical Dentistry II—Part B.

This course is a continuation of studies and clinical practice in oral pathology, microbiology, oral surgery, anaesthesia, and dental pharmacology and therapeutics.

643. Clinical Dentistry II—Part C.

This course is a continuation of studies and clinical practice in restorative dentistry.

644. Principles of Dental Practice.

A short course of lectures on public dental health and dental services; public dental health education; dental jurisprudence; forensic odontology; dental ethics; history of dentistry.

FACULTY OF MUSIC
**DEGREE OF BACHELOR OF MUSIC AND DIPLOMA OF ASSOCIATE
 IN MUSIC**
Chief and Second Practical Studies I (671), II (672) and III (673).

A course of individual tuition throughout the year.

SYLLABUS.—Studies and works as prescribed each year.

EXAMINATION:

- (a) Each candidate will be required to perform the whole or any part of a list of works to be submitted to the Dean of the Faculty of Music for approval not later than the last day of the second term, such list to be selected from the syllabus which will be published at the beginning of each year.

- (b) Further, each candidate shall be examined in technical exercises and studies as laid down in the syllabus.
- (c) Reading at sight.
- (d) Viva voce examination: the candidate will be required to show a thorough knowledge of matters connected with the tonality and form of the works presented for examination, and also to show a knowledge of standard works (of his instrument or vocal) of representative composers of the main periods of composition.

Speech Training I (691) and II (692).

This course is divided into two parts, appropriate to the specific years of the diploma course for singing students.

The aims of the course of instruction are: (a) to provide training in good vocal production for speech; (b) to develop well-toned speech in harmony with a cultural background; (c) to develop poise, confidence and skill in ordinary social intercourse and in speaking to an audience; (d) to stir thought and imagination, to cultivate taste and judgment in literature, both written and spoken.

SYLLABUS.—Mechanics of speech; phonetics; prosody, gesture and mime; verse speaking and prose reading; historical knowledge of the authors of the works studied.

Reference books:

- Horner, M., *Speech training* (Black).
- Ward, Ida, *Phonetics of English* (Heffer).
- O'Donnell, Margaret, *Feet on the ground. An approach to modern verse* (Blackie).
- Storey, Barbara, *The way to good speech* (Nelson).
- Blackwood and Osborn, *The study of poetry* (Macmillan).

EXAMINATION:

- (a) Viva voce and practical examination in the works studied, with sight reading of verse and prose.
- (b) A short prepared speech on a given subject.
- (c) One two-hour paper or prescribed essays throughout the year.

694. Concerto.

1. Instrumental School—Diploma students will be required to present themselves for examination, in the third year of the course, in the performance of a concerto with orchestra.

2. Vocal School—Diploma students will be required to present themselves for examination in the third year of the course in the performance of a work (cycle, opera or oratorio scene) with orchestra or chamber music group of players.

In each case the work to be performed must be submitted to the Dean of the Faculty of Music for approval not later than the last day of the second term.

The Scope of School Music I (695), II (696), and III (697).

SYLLABUS.—This subject covers the essential features of the teacher's equipment in school music teaching. It is many-sided, yet the main object is to build the teacher's power and capacity in the awakening of the school student's interest in music, and the development of his imaginative receptiveness and his appreciation.

The subject is divided into three parts, each applicable to a definite period of the school years, the primary school, the middle school, and the secondary school.

The aspects of study include:

- (a) Musical appreciation—the training of the child mind as an intelligent listener, the cultivation of his imaginative faculty and his power of observation, the building of the child's capacity to discriminate and enjoy.
- (b) Creative work.
- (c) Study of the families of the classical orchestra and orchestral scores, and school orchestra technique and instrumentation.
- (d) Conducting as applied to school choir and school orchestra.
- (e) Keyboard facility—practical harmony, transposition, improvisation, the art of accompanying.
- (f) Repertoire—material (song and instrumental) suitable for class instruction.
- (g) The use of leisure—music clubs, gramophone.
- (h) Methods of teaching—the application of psychological principles to methods of teaching with special reference to the class teaching of music for school children.

Throughout the course the instruction is under the guidance of one lecturer, but special groups of lectures are given by specialist teachers in the various aspects of the work.

EXAMINATION: Viva voce examinations, in addition to one three-hour paper.

700. Principles of Class Music Teaching I.

The application of psychology principles to methods of teaching class music in schools.

The aim of the course of instruction is towards the development of the teacher for school music classes and class singing in particular.

SYLLABUS.—The work for the first year covers essential principles, including:

1. Singing: the development of the child voice; voice and breathing exercises; the problem of the monotone.
2. Aural perception; ear training; relative pitch—solfa names of the notes of the scale with mental effects of the sounds and the hand signs which are associated with them.
3. The lesson plan—(a) Infant grades; (b) Primary grades.
4. Songs—unison and part songs—method of teaching.

EXAMINATION: One three-hour paper.

Text-book:

Penrose, A. I., *Method in the teaching of music in schools*.

Reference books:

Carroll, W., *The training of children's voices* (Forsyth).

Chamberlain, M., *Ear-training*.

Egan, Campbell, *Music in schools* (Carroll).

Fiske and Dobbs, *The Oxford school music book—junior and senior teaching manual* (O.U.P.).

Jacques, *Voice training in schools*.

Macpherson and Read, *Aural culture. Bases of musical appreciation* (Williams).

Macpherson, *Musical education of the child* (Williams).

Priestley, *Music guide for infants, junior and senior schools* (Nelson).

701. Principles of Class Music Teaching II.

SYLLABUS.—In the second year the work is extended to cover essential principles including:

1. Tonal problems in the classroom including the changing voice.
2. The percussion band.
3. Eurythmics and creative work.
4. The recorder class.
5. The lesson plan—secondary grades.
6. Melody building and elementary form.

7. The fundamentals of musical education: why teach music in an education system; music and the ordinary listener; teaching methods and class management.
8. Elements in musical experience and how to use them: the choral lesson; sight singing and aural culture; musical appreciation; music in further education.

EXAMINATION: One three-hour paper.

Text-book:

Hooper, *Teaching music to classes*.

Reference books:

Unesco, *Music in education*.

Mellalieu, *The boy's changing voice*.

702. Principles of Class Music Teaching III.

SYLLABUS.—In the third year the work is further extended to cover essential principles including:

1. Discussions on comparative methods of music study: (a) for the professional musician; (b) for the musician in charge of school music.
2. Psychological investigation in the field of music—music and the child; musical learning; the teaching of music in the school; appreciation. Factors in musical mindedness and how they may be developed in school music. Executant factors in music education. Tests in music; school music materials and their evaluation; the aims of school music.

EXAMINATION: One three-hour paper.

Text-books:

Shaw, Harold Watkins, *Musical education* (Hinrichsen).

Mursell and Glen, *The psychology of school music teaching* (Silver Burdett).

Reference books:

Buck, *Psychology for musicians* (O.U.P.).

Scholes, *Music, the child and the masterpiece* (O.U.P.).

Modern Languages I (703), II (704) and III (705).

Courses of studies in Italian, German and French languages designed to give the student of singing an experience suited to his particular requirements in modern languages.

EXAMINATION: a. One one-hour paper.
b. Viva voce.

Ensemble Playing I (706) and II (707).

SYLLABUS.—The study of prescribed works and attendance at a practical class for instruction throughout the year.

EXAMINATION: The performance of a work submitted to and approved by the Dean of the Faculty of Music.

Drama I (708), II (709) and III (710).

These courses are not yet available.

711. Harmony I.

SYLLABUS:

1. Harmony (written) in four parts.
2. Melodic invention (advanced).
3. Keyboard harmony, including transposition.

EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests I.

Text-books:

Hollinrake, *Foundations of harmony for class teaching* (Novello).

Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).

712. Harmony II.

SYLLABUS:

Harmony (written) in not more than four parts: Baroque and Viennese techniques.

EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests II.

Text- and reference books:

- Morris, *Foundations of practical harmony and counterpoint* (Macmillan).
 Lovelock, *First and second year harmony* (Hammond).
 McHose, *Contrapuntal harmonic technique of the 18th century* (Appleton-Century-Crofts).
 Lang, *Score reading exercises*, Book I (Novello).
 Lovelock, *Graded exercises in transposition* (Hammond).
 Any standard collection of Bach chorales.
 Selected classical string quartets.

713. Harmony III.

SYLLABUS:

1. Harmony (written) in not more than four parts.
 - (a) Modal harmony (*Genevan and Scottish psalters*; Gibbons, *Hymns and songs of the church*), including the writing of fauxbourdons, Elizabethan lute song accompaniment.
 - (b) Three- and four-part writing (free style) for voices or instruments.
2. Keyboard harmony, including transposition and score reading (alto and tenor clefs).

EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests III.

Text- and reference books:

- Woodward, *Songs of Syon* (Schott).
 Hindemith, *Traditional harmony*, Book I (the later chapters).
 Morris, *Foundations of practical harmony and counterpoint* (Macmillan).

714. Harmony IV.

SYLLABUS:

1. Harmony (written):
 - (a) Continuo realisation.
 - (b) Ground basses and variations.
 - (c) Twentieth century techniques.
2. Keyboard harmony: advanced transposition, orchestral score reading, and extemporisation; continuo playing.

EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests IV.

Text-books:

- Lovelock, *Orchestral score reading* (Hammond).
 Morris, *Figured harmony at the keyboard*, Parts I and II (O.U.P.).

Reference books:

- Andrews, *Oxford harmony*, Book II (O.U.P.).
 Bairstow, *Counterpoint and harmony* (Macmillan).

717. Counterpoint I.

SYLLABUS:

1. Motive structure and development.
2. Elementary counterpoint (free style).

EXAMINATION: One three-hour paper.

Text-book:

- Morris, *Introduction to counterpoint* (O.U.P.).

718. Counterpoint II.

SYLLABUS:

1. Counterpoint of the Roman and English Schools (Lassus, *Cantiones duarum vocum*; Morley, *Two-part canzonets*) including the study of prescribed works.
2. Free style, including the writing of inventions.

EXAMINATION: One three-hour paper.

Text-books:

Soderlund, *Direct approach to counterpoint in 16th century style* (Appleton-Century-Crofts).

Morris, *Contrapuntal technique in the 16th century* (O.U.P.).

Morley, *Two and three part canzonets* (Stainer and Bell).

719. Counterpoint III.

SYLLABUS:

Free style original work for any medium.

EXAMINATION: One three-hour paper.

Reference book:

Bairstow, *Counterpoint and harmony* (Macmillan).

722. Canon and Fugue.

SYLLABUS: Canon and fugal writing.

EXAMINATION: One three-hour paper.

Text-book:

Lovelock, *The examination fugue* (Hammond).

Reference book:

Oldroyd, *The technique and spirit of fugue* (O.U.P.).

726. History of Music I.

SYLLABUS: Outline of European Musical History from the Middle Ages to the present day.

Prescribed works:

Palestrina, *Stabat Mater*.

Gluck, *Orpheus and Euridice*.

Bach, *Preludes and fugues, D minor and F sharp major*, Book I.

Haydn, *Symphony No. 2 in D, "The Clock"*.

Beethoven, *String quartet, Op. 59, No. 2*.

Schubert, *Selected songs*.

Wagner, *Prelude to Tristan and Isolde*.

Brahms, *Symphony No. 1 in C minor*.

Mozart, *Concerto for clarinet and orchestra*.

Elgar, *Enigma variations, Op. 36*.

Debussy, *L'après midi d'une faune*.

Stravinsky, *Suite "Firebird"*.

EXAMINATION: One three-hour paper.

Recommended books for preliminary reading:

Colles, *The growth of music*, Parts 1, 2 and 3 (O.U.P.).

Scholes, *The listener's history of music*, Parts 1, 2 and 3 (O.U.P.).

Text-books:

Westrup, *An introduction to musical history* (Hutchinson).

Lovelock, *Concise history* (Bell).

Einstein, *Short history* (Cassell).

Sachs, Curt, *A short history* (Dobson).

Bacharach, *The musical companion* (Gollancz).

Reference books:

Oxford history.

Grove's dictionary of music.

Scholes, *Oxford companion*.

Harvard dictionary of music.

727. History of Music II.

SYLLABUS: The history and development of music during the 16th, 17th and 18th centuries.

Prescribed works:

- Tallis, *Mass in 4 parts*.
- Gibbons, *Anthems*.
- Palestrina, *Missa Papae Marcelli*.
- Purcell, *Fantasias and selected songs*.
- Bach, *Suite in C*.
- Bach, *St. Matthew Passion*.
- Handel, *Concerto grosso No. 4 in A minor*.
- Haydn, *String quartets*.
- Mozart, *Symphony No. 41 in C*.
- Beethoven, *Pianoforte sonatas*.

EXAMINATION: One three-hour paper.

Text-books:

- Thurston Dart, R., *The interpretation of music* (Hutchinson).
- Gray, Cecil, *The history of music* (Kegan Paul).
- Dickinson, A. E. F., *The art of Bach* (Hinrichsen).
- O'Brien, G., *The golden age of Italian music* (Jarrolds).
- O'Brien, G., *The golden age of German music* (Jarrolds).

Reference books:

- Reese, G., *Music in the Middle Ages* (Dent).
- Reese, G., *Music in the Renaissance* (Dent).
- Bukofzer, M., *Music in the Baroque era* (Dent).
- Lang, P., *Music in western civilization* (Norton).
- Parrish and Ohl, *Masterpieces of music before 1750* (Faber and Faber).
- Grout, *Opera*, Vols. 1 and 2 (Columbia U.P.).
- Fellowes, E. H., *The English madrigal* (O.U.P.).
- Fellowes, E. H., *English cathedral music* (O.U.P.).
- Schweitzer, *Bach*, Vols. 1 and 2 (Black).
- Geiringer, *The Bach family* (Allen and Unwin).
- Geiringer, *Haydn* (Allen and Unwin).
- Einstein, *Mozart* (O.U.P.).

728. History of Music III.

SYLLABUS: History and development of music during the 19th and 20th centuries.

Prescribed works:

- Beethoven, *Symphony No. 3 in E flat, "Eroica"*.
- Schubert, *Trio in B flat*.
- Wagner, *Tristan and Isolde*.
- Brahms, *Double concerto, violin and violoncello*.
- Britten, *Opera*.
- Stravinsky, *The rite of spring*.
- Bartok, *Music for strings and percussion*.
- Holst, *Hymn of Jesus*.
- Walton, *Belshazzar's Feast*.
- Strauss, *Don Juan*.
- Hindemith, *Mathis der Maler* (Symphony)

EXAMINATION: One three-hour paper.

Text-books:

- Einstein, *Music in the romantic era* (Dent).
- Abraham, *A hundred years of music* (Hinrichsen).
- Hill, R., *The symphony* (Pelican).
- Hill, R., *The concerto* (Pelican).
- Bacharach, *British music of our time* (Penguin).
- Abraham, *This modern stuff* (Hinrichsen).
- Parrott, *Pathways to modern music* (Unwin).

Reference books:

- Tovey, *Essays in musical analysis*, Vols. I-VI (O.U.P.).
 Grout, *Opera*, Vols. I and II (Columbia U.P.).
 Carse, A., *The orchestra from Beethoven to Berlioz* (Heffer).
 Dyson, *The new music* (O.U.P.).
 Mellers, W., *Studies in contemporary music* (Dobson).
 Copland, *Our new music* (McGraw-Hill).

729. History of Music IV.

SYLLABUS: Selected periods—candidate's option—for individual research.
 Studies in such fields as:

1. The cantatas of J. S. Bach.
2. 20th century harmonic technique and usage.
3. A comparative study of fugal styles.
4. The accompaniment.

EXAMINATION: (a) One three-hour paper.
 (b) Prepared essay on the approved subject.

730. Literature of Music.

SYLLABUS: A study of the history and literature of music of the candidate's own instrument, or, in the case of students in the Vocal School, vocal music.

EXAMINATION: One three-hour paper.

731. Form.

SYLLABUS: Structure and analysis.

EXAMINATION: One three-hour paper.

Text-books:

- Lovelock, *Form in brief* (Hammond).
 Morris, *Structure of music* (O.U.P.).
 Bairstow, *Evolution of musical form* (O.U.P.).
 Davie, Cedric Thorpe, *Musical structure and design* (Dobson).

735. Orchestration I.

SYLLABUS:

1. Elements. A knowledge of the compass and characteristics of orchestral instruments and the technical methods of writing for them. (Candidates may be asked to write original melodies apt for various instruments—or for two or three instruments in combination.)
2. The reduction of orchestral passages for the keyboard and the simple scoring for orchestra of given passages.

EXAMINATION: Two three-hour papers.

Reference books:

- Parrott, *Method in orchestration* (Dobson).
 Jacob, *Orchestral technique* (O.U.P.).

736. Orchestration II.

SYLLABUS: The scoring of given passages for orchestra.

EXAMINATION: Two three-hour papers.

Reference book:

- Rogers, *The art of orchestration* (Appleton Century Crofts).

738. Musical Criticism and Aesthetics.

EXAMINATION: One three-hour paper.

Reference books:

- Tovey, *Musical textures* (O.U.P.).
 Tovey, *The integrity of music* (O.U.P.).
 Max Graf, *Composer and critic* (Chapman and Hall).
 Norman Demuth, *Anthology and musical criticism* (Eyre and Spottiswoode).
 Frank Howes, *Mind, man, and music* (Secker and Warburg).
 Seashore, *In search of beauty in music* (Ronald Press).
 Newman, *From the world of music* (Calder).

739 and 740. Essay I and Essay II.

SYLLABUS: The study and discussion of works undertaken in class throughout the year. The subjects for the essay will be chosen from the scope of the studies selected for these lectures.

EXAMINATION: One three-hour paper.

Prescribed works:

- Beethoven, *Symphony No. 7.*
- Bach, *Orchestral suite No. 4.*
- Moeran, *Symphony in G minor.*
- Shostakovitch, *Symphony No. 5.*
- R. Vaughan Williams, *Symphony No. 5.*
- Mozart, *Symphony No. 40.*
- Dallapiccola, *Canti di prigionia.*
- Stravinsky, *le Sacre du printemps.*
- Schönberg, *String quartet No. 4.*
- Alban Berg, *Lyric suite.*
- Debussy, *String quartet.*
- Ravel, *Daphnis and Chloe suite.*
- Berlioz, *Symphonie fantastique.*
- Brahms, *Requiem.*
- Bloch, *Quintet for pianoforte and strings.*
- Byrd, *Mass for five voices.*
- Hindemith, *Mathis der Maler.*
- Holst, *The hymn of Jesus.*
- Walton, *Symphony.*
- Webern, *Five movements for string quartet.*
- Elgar, *Enigma variations.*

Reference books:

- Newman, *From the world of music* (Calder).
- Strunk, *Source reading in music history* (Norton).
- Sullivan, *Beethoven* (Pelican).
- Tovey, *Essays and lectures on music* (O.U.P.).

741. Practical Tests I.

SYLLABUS:

1. Aural: recognition of intervals, chords and progressions including dictation.
2. Keyboard: sight reading; keyboard harmony and transposition.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference book:

- Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).

742. Practical Tests II.

SYLLABUS:

1. Aural: recognition of chords and progressions including dictation.
2. Keyboard: sight reading (including vocal open scores with G and F clefs); sight singing; transposition; keyboard harmony and transposition.
3. Bachelor of Music candidates must satisfy the examiners in pianoforte or organ playing.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference books:

- Lang, C. S., *Score reading exercises*, Book I (Novello).
- Pilling, *Harmonisation of melodies at the keyboard*, Book I (Forsyth).
- Lovelock, *Graded exercises in transposition* (Hammond).

743. Practical Tests III.

SYLLABUS:

1. Aural: recognition of chords and progressions including dictation.
2. Keyboard: sight reading (including open score with C clefs, and string quartet scores); more advanced harmony and improvising tests than for Practical Tests II.
3. Bachelor of Music candidates must satisfy the examiners in pianoforte or organ playing.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference books:

- Eldridge, C., *Exercises in playing from three-part score* (Novello).
 Lang, C. S., *Score reading exercises, Book II* (Novello).
 Pilling, *Harmonisation of melodies at the keyboard, Book II* (Forsyth).

744. Practical Tests IV.

SYLLABUS:

1. Aural: } more advanced tests including orchestral score reading and
2. Keyboard: } continuo playing.
3. Bachelor of Music candidates must satisfy the examiners in Pianoforte or Organ playing.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference books:

- Lovelock, *Introduction to orchestral score reading* (Hammond).
 Morris, R. O., *Figured harmony at the keyboard, Parts I and II* (O.U.P.).
 Pilling, *Harmonisation of melodies at the keyboard, Book III* (Forsyth).

746. Acoustics.

SYLLABUS: The elements and principles of acoustics and their application to musical instruments and scales; general facts concerning the reflection and absorption of sound, reverberation and resonance, and the acoustics of buildings generally; simple illustrated experiments are shown.

Reference books:

- Culver, *Musical acoustics* (Blakiston).
 Jeans, *Science and music* (C.U.P.).
 Wood, *The physics of music* (Methuen).

EXAMINATION: One two-hour paper.

747. Accompanying.

A course of work designed to give students of the Pianoforte School experience in the art of accompanying. The literature studied will be mainly drawn from vocal writing of the eighteenth and nineteenth centuries.

EXAMINATION: Candidates will be required to accompany in the performance of several works.

748. Methods of Teaching.

SYLLABUS: A course of work designed to cover the principles and practice of the teaching of music.

EXAMINATION: In addition to the examination in Chief Practical Study III candidates will be required:

1. to present a programme suitable for teaching purposes;
2. to discuss the fundamental principles of the technique of their own instrument (or voice); and
3. to show a sound knowledge of the repertoire of the literature of the instrument (or voice) and a particular knowledge and understanding of teaching materials.

DIPLOMA IN PHARMACY.

Note.—The subjects in the course for the Diploma in Pharmacy must be taken in the order indicated below. No departure from this rule is permitted without the sanction of the Board of Pharmaceutical Studies.

FIRST EXAMINATION.

751. Inorganic Chemistry.

Pre-requisite subject: Leaving Chemistry.

This course consists of the lectures on physical and inorganic chemistry given to students of Medicine and Dentistry on Thursday (first term only) and Friday (three terms).

The practical work consists of three hours a week.

Text-books:

Crockford, H. D., and Knight, S. B., *Fundamentals of physical chemistry for pre-medical students* (Chapman and Hall); or
Wallwork, S. C., *Physical chemistry for students of pharmacy and biology* (Longmans); and
Brown, G. I., *A simple guide to modern valency theory* (Longmans).

752. Inorganic Chemistry: B.P. Salts.

A special course of about forty lectures on the inorganic salts of the *British Pharmacopoeia*, including the methods for their preparation and assay.

The chemistry of the principal compounds of pharmaceutical interest of the following elements: lithium, sodium, potassium, copper, silver, calcium, barium, magnesium, zinc, mercury, lead, arsenic, antimony, bismuth, iron, aluminium, sulphur and the halogens; acids of the *British Pharmacopoeia*; methods of assay of pharmaceutical preparations derived therefrom, impurities of pharmacopoeial substances.

Text-book:

Bentley, A. O., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

PHARMACY I.

The course comprises subjects 754 and 755.

754. Elementary Pharmacy.

This course consists of two lectures and four hours' practical work a week.

The weights and measures of pharmacy; the formulation and dispensing of extemporaneous preparations; true solution and colloidal dispersion with particular reference to pharmaceutical applications.

Text-books:

British Pharmacopoeia (Pharmaceutical Press).
The British Pharmaceutical Codex (Pharmaceutical Press).
Bentley, A. O., *Text-book of pharmaceuticals* (Baillière, Tindall and Cox).
Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

755.

A. HISTORY OF PHARMACY.

This course consists of one lecture a week, and is a broad survey of pharmaceutical history. Attention is given to:

Ancient pharmacy up to the sixteenth century; changes in pharmaceutical practice in England from the seventeenth century to the present time; the development of Australian pharmacy on the English pattern and the modifications caused by American influence; international pharmacy; world health organisation; miscellaneous international organisations and their impact on pharmacy; the development of drugs of biological origin; the history of some individual drugs is also dealt with during their consideration in other courses.

B. FIRST AID AND SURGICAL DRESSINGS.

This course consists of one lecture a week in second and third terms, and leads to the certificate of The St. John Ambulance Association.

Students also attend lectures and practical work dealing with surgical dressings and their compliance with the standards prescribed by *The British Pharmaceutical Codex*.

SECOND EXAMINATION.

761. Organic Chemistry.

This course consists of two lectures and six hours' practical work a week.

The lectures deal with:

The nature of organic chemistry; structural considerations and isomerism; classification of organic compounds. The aliphatic hydrocarbons; methane and other paraffins; ethylene and acetylene; unsaturation; structural isomerism; stereochemistry. Aliphatic halogen compounds; chloroform; iodoform; ethyl chloride. Simple aliphatic alcohols; fermentation; enzymes; glycol and glycerol. Simple aldehydes and ketones; chloral and butylchloral hydrates. More commonly occurring organic acids; fruit acids; citric and tartaric acids; lactic acid; esterification and common esters; ethyl and amyl nitrites. Oils and fats; oleates; saponification; characteristics of fixed and volatile oils. Simple sugars and glycosides; salicin; amygdalin; polysaccharides. Amides; urea; barbituric acid and substituted barbituric acids. Uric acid and the purines. Proteins and their silver derivatives. Coal tar hydrocarbons and their common derivatives; aromatic acids and alcohols; benzoin; phenol, cresols and derived antiseptics. Synthetic drugs; acetanilide, phenacetin, aspirin, phenazone, and other outstanding B.P. organic compounds; sulphadiazine. Synthetic dyestuffs of medicinal interest. Terpene compounds; camphor; menthol. Simple alkaloids. Principles of chemotherapy; organic arsenicals.

Text-book:

Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

The practical work deals with:

The determination of melting-points and boiling-points; preparation and examination of some simple organic compounds; the detection of salts of simple organic acids and bases; reactions of quinine, strychnine, brucine, and morphine; characterisation of B.P. organic compounds; the examination of fixed and volatile oils and fats; acid value; saponification value of esters and oils; iodine value; essential oils.

Text-books:

Bentley, A. O., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

Appleyard, F. N., and Lyons, C. G., *Practical pharmaceutical chemistry* (Pitman).

Reference books:

Openshaw, H. T., *Laboratory manual of qualitative organic analysis* (Cambridge).

Middleton, H., *Systematic qualitative organic analysis* (Arnold).

763. Practical Pharmacy: Volumetric Analysis and Drug Assay I.

This course consists of two lectures and four hours' practical work a week.

Surface activity, emulsions, ointment bases, creams and pastes; the unit operations and processes of importance in the manufacture of pharmaceuticals; the quantitative analysis of drugs and pharmaceutical preparations.

Practical work consists of pharmaceutical formulation and pharmaceutical analysis.

269. Biology.

For syllabus, see under the Faculty of Science.

THIRD EXAMINATION.

771. Botany and Pharmacognosy.

This course consists of two and a half hours a week in lectures, lecture-demonstration and practical work.

The classification of the plant kingdom with special reference to the production and distribution of their economic products; the crude drugs of animal and vegetable origin which are in common use; the chemistry of the active constituents of these drugs, their botanical and geographical sources and physical characteristics; the collection and preparation of drugs for the market; the recognition of genuine drugs and possible sophistication; the microscopical examination and evaluation of drugs.

Text-books:

Mangham, S., and Hockley, A. R., *Biology for pharmaceutical students* (Baillière, Tindall and Cox).

Trease, G. E., *A textbook of pharmacognosy* (Baillière, Tindall and Cox).

PHARMACY II.

This subject comprises the following three units:

772. Commercial Pharmacy.

This course consists of one lecture a week and includes: the legal aspects of pharmacy management; an introduction to the economic basis of pharmacy and to taxation and contribution to social services based on personal income; the elements of pharmaceutical statistics with particular attention to Commonwealth legislation dealing with social security.

773. Practical Pharmacy: Volumetric Analysis and Drug Assay II.

This course consists of one and a half hours lectures and three hours practical a week.

The principles underlying the methods of extraction of crude drugs, animal tissues and body fluids, the isolation, purification and formulation of the active constituents; the quantitative analysis of drugs and pharmaceutical preparations.

Practical work consists of pharmaceutical formulation and pharmaceutical analysis.

774. Practical Experience.

The requirements for registration as a pharmaceutical chemist include the serving of a four-year apprenticeship. Candidates for the Diploma are required to present to the Board of Studies evidence, which has been certified as correct by the Pharmacy Board, of having:

(i) Completed not less than 4,000 hours of experience in a pharmacy in work appropriate to their course of studies.

(ii) Complied with the requirements of The Pharmacy Act in respect to the manufacture of preparations included in the *British Pharmacopoeia* and the *British Pharmaceutical Codex* and the dispensing of prescriptions.

These exercises are normally completed during the second and third years of study.

FOURTH EXAMINATION.

PHARMACY III.

This subject comprises the following three units:

781. Practical Pharmacy and Dispensing.

This course consists of two lectures, one tutorial and four hours practical a week.

The fundamentals of sterilization techniques, with particular reference to the formulation and preparation of parenterals; immunological preparations and diagnostic agents; the manufacture, formulation and evaluation of antibiotics;

the formulation and evaluation of disinfectants; the preparation of compressed tablets and their analytical control; factors affecting the stability of pharmaceutical products, accelerated storage tests; the formulation of sustained release preparations.

Practical work consists of exercises in dispensing and exercises illustrative of the lecture material.

Text-books:

British Pharmacopoeia (Pharmaceutical Press).

British Pharmaceutical Codex (Pharmaceutical Press).

Bentley, A. O., *Text-book of pharmaceuticals* (Baillière, Tindall and Cox).

Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

Reference book:

The extra pharmacopoeia *Martindale* (Pharmaceutical Press).

782. Forensic Pharmacy.

This course consists of one lecture a week in second and third terms, and includes a detailed survey of the legislation which governs the practice of pharmacy.

Particular attention is given to The Pharmacy Act and Regulations, the Dangerous Drug Act and Regulations, and to The Food and Drugs Act and Regulations including the Poison Regulations. Some discussion of the historical background of these enactments is also included.

783. Pharmacy Organisation.

This course consists of one lecture a week in second and third terms, and covers the practical application of the principles given in previous courses dealing with Commercial and Forensic Pharmacy (772 and 782).

Consideration is given to those general principles of human relations which are of importance to the pharmacist in his administration of the legal requirements attached to medicines.

Other topics include the scope of the social sciences and the widespread use of social psychology in personnel management in commerce and industry, and in the professions; the scope and functions of pharmaceutical organisations; pharmaceutical ethics—the relationship of pharmacists to one another, to other professions, to the public and to the State.

Text-book:

Ruch, *Psychology and life* (Scott Freeman, N.Y.).

PHARMACY IV.

This subject comprises the following five units:

791. Pure Pharmacology.

This course consists of two lectures and one lecture-demonstration a week in third term.

A course of lectures in basic physiology is followed by lectures and demonstrations in systematic pharmacology. The actions of drugs in common clinical use are described. In addition, emphasis is placed on the principles of bioassay with examples from the *British Pharmacopoeia*, on the relation between the structure of drugs and their physiological actions, and on the factors which control the absorption and duration of action of drugs in the body.

Text-book:

Wilson, A., and Schild, H. O., *Applied pharmacology* (Clark), 9th edition (Churchill).

792. Bacteriology

This course consists of one lecture and two hours practical work a week for the first twelve weeks of the year.

The general characteristics of bacteria, their morphology, distribution and biochemical activity; methods of cultivation, isolation and identification of bacteria; the elements of bacterial classification; a more detailed study of selected pathogenic bacteria; methods of sterilisation and aseptic transfer; tests for sterility; chemical disinfection, chemotherapy and the development of immunity; preparation of vaccines and therapeutic sera; hypersensitivity and allergy; the normal body flora; the survival of pathogens outside the body; sources of contamination in the pharmacy; the applications of bacteriology to public health.

Text-book:

Bentley, A. O., *Textbook of pharmaceuticals*, section 5 (Baillière, Tindall and Cox).

Reference book:

McCulloch, E. C., *Disinfection and sterilisation*, chapters 5, 7, 9, 15 and 21 (Lea and Febiger).

793. Nutrition.

This course consists of one lecture a week in second and third terms.

The energy and protein requirements of the body; the mineral constituents and accessory food factors in the diet; the relative value of common natural foods and the economic aspects of malnutrition.

794. Organic Medicinals.

This course consists of one lecture a week, and is primarily concerned with the pharmacy of organic compounds and therefore extends the scope of Organic Chemistry (761). Reference is made to the use and action of selected drugs.

DIPLOMA IN PHYSICAL EDUCATION

MEDICAL AND PHYSICAL EXAMINATIONS

Every student entering for the practical exercises and every student entering upon a course of lectures leading to the diploma or certificate in Physical Education for the purpose of taking the examination in that course, must be prepared to attend the various examinations which will be held as early as possible in March. Enrolments should be made early to facilitate the necessary arrangements.

Students will also be required to present themselves for such repeat examinations as may be prescribed for them during the progress of their course.

New students are advised to consult the lecturer in charge of Physical Education as early as possible in the term and to acquaint themselves with the arrangements for their examinations.

801. Human Biology.

This course consists of two lectures or lecture-demonstrations a week for three terms.

The first lectures deal with the characteristics of living matter in general, the living cell, and the basic structure of different animal groups, thus presenting man as a member of a species with an evolutionary history and with a definite relationship to other members of the animal kingdom. Next follows a description of the basic tissues of the body and their repair following injury, and then, at some length, the anatomy of the different systems of the body is discussed to-

gether with their microscopical structure and functions, an attempt always being made to relate structure and function to one another. With each system a brief account of its evolution is given and some aspects of its pathology are discussed in so far as these can be simply related to the normal. Following after the skin these lectures deal with the skeleton and joints, the muscular and nervous systems, the sense receptors, the circulatory and respiratory systems, the alimentary tract and associated organs, the excretory system and the ductless glands: the last system discussed is that concerned with reproduction and this leads to an account of the embryological development and growth of the body and the normal and abnormal growth of tissues. Then heredity and environment are considered as factors concerned in normal development and in the production of congenital disease. Lastly, bacteria, viruses and zool parasites of man are briefly discussed and their effects on normal bodily function considered.

In general, the course is designed to serve as an introduction to biological science for students with little or no previous knowledge of the subject. The main emphasis is on the normal anatomy and physiology of man placed in his proper zoological perspective.

Text-books:

De Coursey, R. M., *The human organism* (McGraw-Hill); or
Gowland, W. P., and Cairney, J., *Anatomy and physiology for nurses* (Peryer).

Reference books:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).
Baitsell, G. A., *Human biology* (McGraw-Hill).
Barnett, A., *The human species*, chapters 1-7 (Pelican).
Dale, A., *Introduction to social biology*, especially chapters 1-6 (Heinemann).
Haldane, J. B. S., and Huxley, J. S., *Animal biology* (O.U.P.).
Harrison, R. J., *Man the peculiar animal* (Pelican).
Sinclair, D. C., *Introduction to functional anatomy*, Parts I and II (Blackwell).

Further references to special subjects may be given during the course of lectures.

802. Human Physiology.

This course consists of two lectures or lecture-demonstrations a week for three terms, and is taken in the third year of the course.

In this course the principles of human physiology are dealt with, and special attention is given to those functions which, directly or indirectly, are connected with muscular exercise. The purpose of the lectures is to bring about a deeper understanding of the essential nature of the physiological processes in question and their regulation and co-ordination in life. Whenever possible, students have the opportunity of seeing or performing experiments which may prove instructive or useful from the theoretical and practical points of view. An elementary knowledge of chemistry and physics is desirable.

Reference books:

Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).
Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall).
Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

Students will also find *Muscular exercise*, by M. G. Eggleton (Paul, Trench and Trubner) very helpful in connection with their work on muscular activities.

105. Hygiene.

For syllabus, see under the Faculty of Arts.

806. Body Mechanics.

This course consists of lectures and practical work during two periods a week for three terms.

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.

Reference books:

- Smout, C. F. V., and McDowall, R. J., *Anatomy and physiology for students of physiotherapy* (Arnold).
 R.A.F., *Principles of anatomy and physiology for physical training instructors* (H.M.S.O.).
 Prosser, E. M., *Manual of massage and movement* (Faber).
 Rathbone, J. L., *Corrective physical education* (Saunders).
 Lockhart, R. B., *Living anatomy* (Faber, 1948).
 Kendall, H. O. and F. P., *Posture and pain* (Williams and Wilkins).
 Gardiner, M. Dena, *The principles of exercise therapy* (Bell, 1953).
 Perrott, J. W., *Anatomy for students and teachers of physical education* (Arnold, 1959).

807. Human Nutrition.

This course consists of one lecture a week for three terms. After a general introduction, the course deals with the following main divisions of the subject: the elementary chemistry of energy-providing foodstuffs; energy and protein requirements of the body; the mineral constituents of the diet; accessory food factors; the processes of digestion absorption and excretion; food preservation and food poisoning; the relative value of common natural foods and the economic aspects of nutrition.

N.B.—Students attending this course should have some knowledge of chemistry and physics, at least to the Intermediate stage; failing this they are expected to attend a special course in elementary chemistry concurrently with the course in Human Nutrition, and pass an examination in the general subject matter of the course. This special course is held during the first term.

Text-books:

- Mottram, V. H., *Human nutrition* (Arnold); or
 Sherman, H. C., *Chemistry of food and nutrition* (Macmillan).
 Marston, H. R., and Dawbarn, M. C., *Food composition tables* (C.S.I.R. Bulletin 178).

Other references will be given during the course of the lectures.

808. Clinical Observation and Remedial Work.

Following the course in Body Mechanics, a series of hospital visits is arranged during the third year. Students are shown how to observe postural defects and deformities common among school children and young adults. X-rays of the bony changes occurring in deformities are explained, and corrective exercises demonstrated. The possibilities of preventive work in schools through early recognition of signs and symptoms, and through correct habitual postures, are demonstrated.

Students are expected to keep notes of their observations, and are given a practical examination at the end of the course.

809. First Aid.

This course consists of lectures and practical work, having special reference to the needs of physical education students, but also providing some background for those who have not already qualified for their St. John Certificate.

811. Practice of Physical Education.

This 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.

Reference books:

- Williams, J. F., and Brownell, C. L., *Administration of health and physical education* (Saunders).
 Nixon and Cozens, *Introduction to physical education* (Saunders, 1938 or later edition).
Moving and growing, Part I (Ministry of Education, England, 1952).
Planning the programme, Part II (Ministry of Education, England, 1954).
Syllabuses of physical education prepared by the Australian Education Departments.

812. Principles of Physical Education.

This 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.

Reference books:

- Gardiner, E. N., *Athletics of the ancient world* (O.U.P., 1930).
 Rice, E. A., *Brief history of physical education* (Barnes, 1929).
 Williams, *Principles of physical education* (Saunders, 1938).
 Jacks, L. P., *Education of the whole man* (U.L.P., 1931).
 Jacks, L. P., *Education through recreation* (U.L.P., 1932).
 Jacks, M. L., *Physical education* (Nelson, 1938).
 Smithells, Philip A., *Atlantic gap* (1948).
 British Medical Association, *Report of the Physical Education Committee* (1936).
 Randall, M. W., *Modern ideas on physical education* (Bell, 1952).
 McIntosh, P. C., *Physical education in England since 1800* (Bell, 1953).
 Munrow, A. D., *Pure and applied gymnastics* (Arnold, 1955).
 McIntosh, Munrow, Dixon and Willetts, *Landmarks in the history of physical education* (Routledge and Kegan Paul).
 Randall, M. W., and Waine, W. K., *Objectives of the physical education lesson* (Bell, 1955).
 University of Birmingham, *Britain in the world of sport* (1956).
 Natan, A., *Sport and society* (Bowes, 1958).

813. History of Education.

This course is the same as that required for the history section of Education (101). Additional classes dealing with the history of physical education are also arranged.

814. Physical Psychology.

This special course is intended to provide a general introduction to psychology and to the applied field of physical education.

The third term will be devoted to the psychology of play and recreation.

Text-books:

- Ruch, *Psychology and life* (Scott Foresman, N.Y.).
 Oeser, O. A., *Teacher, pupil and task* (Tavistock).

Reference books:

- Weir, L. H., *Europe at play* (Barnes, 1937).
 Butler, G. D., *Introduction to community recreation* (McGraw-Hill, 1940).
 Pearse, I. H., and Crocker, *Peckham experiment* (Allen and Unwin, 1944).
 Mitchell, E. D., and Mason, B. S., *Theory of play* (Barnes, 1939).
 Spratt, W. J. H., *Human groups* (Pelican).

816. Practical Work.

Candidates are required to attend demonstrations and to take part in practical exercises in various branches of physical activity for two years. Each year's work requires about 12 periods a week throughout the academic year. Attendance at practical classes is compulsory.

Students are required to achieve a reasonable standard of proficiency and teaching skill in the various branches. There is no formal examination, the student being assessed on his work throughout the year. The Lecturer-in-Charge has, notwithstanding, the right to prescribe a formal examination in any one or all branches of practical work.

Except in special cases approved by the Board of Studies in Physical Education a candidate who fails in more than one subject of either part will be required to repeat the whole of the practical work of that part. Part I must be completed before Part II is taken.

PART I:

For men: Gymnastics and minor games; dancing; organised sports and physical recreational activities; swimming; hiking and camping.

For women: Gymnastics and minor games; organised sports and physical recreational activities; dancing; swimming; hiking and camping.

PART II:

For men: Gymnastics and minor games; athletics and organised sports; swimming; combative exercises; hiking and camping.

For women: Gymnastics and minor games; athletics and organised sports; swimming; dancing; hiking and camping.

The course in swimming is spread over two years and a standard approximating that of the Royal Life Saving Society's Bronze Medallion is expected to be reached.

A prescribed gymnastic costume must be worn for all practical subjects.

817. Practical Teaching.

The prescribed practical work consists of attendance at about thirty sessions (about 90 hours) for demonstration and discussion lessons; and approximately ten weeks (or its equivalent, not necessarily consecutive) of teaching practice in such schools and under such conditions of supervision and reports as may be approved.

In addition to this work in schools, teaching practice and leadership experience may be prescribed for students in clubs, camps, and playgrounds either during term or in vacation.

DIPLOMA IN SOCIAL STUDIES

Intending students should seek an interview with a member of the staff of the Department of Social Studies.

Economics.

Candidates may take *either* Economics I (151) *or* Social Economics (150).

81. Psychology I.

For syllabus, see under the Faculty of Arts.

Biology.

Candidates may take *either* Biology (269) *or* Human Biology (801).

836. Social Work I.

Two lectures a week, tutorials, and practical work.

Introduction to the field and methods of social work against a historical background; introduction to the functions and policies of social agencies, and their relation to the community and its needs.

Students will be required to reach a satisfactory standard in practical work. This may include a study of a community, observation of groups, study of social agencies and institutions, and practice in a social agency under the supervision of a social worker.

Preliminary reading:

Fink, A. E., Wilson, E. E., and Conover, M. B., *The field of social work*, 3rd edition (Henry Holt, 1955).

Towle, C., *Common human needs* (American Association of Social Workers).

Trecker, H., *Social group work* (Woman's Press).

Ross, M. G., *Case histories in community organisation* (Harper).

References will be given throughout the lectures.

Social History.

Candidates may take *either* Politics I (61), *or* History IB (52), *or* History IIB (55), *or* Economic Development I (154).

83. Psychology IIB.

For syllabus, see under the Faculty of Arts.

843. Physiology.

The course consists of two lectures a week in the first and second terms and one a week in the third term. It deals with: blood, lymph and tissue fluid; circulatory system; heart and vessels; respiration; essentials of nutrition and energy; metabolism; heat regulation; kidney; endocrines; essentials of nerve and muscle physiology.

Text-books:

Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).

Best, C. H., and Taylor, N. B., *The living body* (Chapman and Hall).

Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

Winton, F. R., and Bayliss, L. E., *Human physiology* (Churchill, 1955).

Human Nutrition.

With special permission candidates may take *either* Human Nutrition (807) *or* Physiology (843) as alternatives to Social Organisation (851).

846. Social Work II.

Three lecture-discussions a week, tutorials, and practical work.

A study of social case work principles and their application; a clinically-oriented study of the dynamics of human behaviour; community organisation as one of the processes of social work, its use in social agencies and in coordinating and planning agencies; administrative aspects of social work practice from the standpoint of the practitioner.

Students will be required to reach a satisfactory standard in practical work, which may include practice in a social agency under the supervision of a social worker, and attendance at clinical sessions.

Preliminary reading:

Perlman, H. H., *Social casework* (Chicago U.P.).

Ross, M. G., *Case histories in community organisation* (Harper).

References will be given throughout the lectures.

851. Social Organisation.

One lecture a week.

A study of the administration, financing and legal organisation of social welfare.

References will be given throughout the lectures.

852. Sociology.

Pre-requisite subject: Psychology IIB (83).

Two lectures a week; tutorials by arrangement.

Definition, scope and methods of sociology with particular reference to social welfare.

Preliminary reading:

Mitchell, G. D., *Sociology* (University Tutorial Press).

References will be given throughout the lectures.

856. Social Work III.

Four lecture-discussions a week, tutorials, and practical work.

Theory of social work; social casework practice in specific settings, medical, psychiatric, family and child welfare; administration of social agencies; medical and social problems of illness; psychopathology.

Students will be required to reach a satisfactory standard in practical work, which will include practice in a social agency under the supervision of a social worker throughout terms I and II, and participation in clinical sessions.

References will be given throughout the lectures.

859. Field Work.

Before qualifying for the diploma a student must satisfy the Board that he has reached a satisfactory standard in practical field work. This will include practice in social agencies in the long vacations, amounting to six weeks at the end of the first and second years and ten weeks at the end of the third year of the course.

DIPLOMA IN PHYSIOTHERAPY

FIRST-YEAR COURSE.

861. Anatomy I.

ANATOMY.—A course on human biology during the first term, and courses on the topographical anatomy of the extremities and trunk during the whole of the year.

HISTOLOGY AND EMBRYOLOGY.—A course of lectures, demonstrations and practical classes extending over three terms.

PRACTICAL.—Students are required to dissect the extremities and the trunk. Special demonstrations are held throughout the year.

During the third term students dissect the human brain and make themselves familiar with its major macroscopic features.

Text-books:

Cunningham, D. J., *Manual of practical anatomy*, latest edition (Angus and Robertson).

Lockhart, R. D., *Living anatomy* (Faber).

Hamilton, W. J., Boyd, J. D., and Mossman, H. W., *Human embryology* (Heffer).

Hewer, E. E., *Textbook of histology for medical students* (Heinemann).

Reference books:

Cunningham, D. J., *Textbook of anatomy* (O.U.P.); or

Gray, H., *Anatomy, descriptive and surgical* (Longmans); or

Lockhart, R. D., Hamilton, G. E., and Fyffe, F. W., *Anatomy of the human body* (Faber).

Students must equip themselves with dissecting instruments and half a human skeleton. Some microscopes are available for hire.

862. Physiology.

The course consists of two lectures a week in the first and second terms and one a week in the third term. It deals with: Blood, lymph and tissue fluid; circulatory system: heart and vessels; respiration: essentials of nutrition and energy; metabolism; heat regulation; kidney; endocrines; essentials of nerve and muscle physiology.

Text-books:

Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).

Best, C. H., and Taylor, N. B., *The living body*, 4th edition (Chapman and Hall).

Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

Winton, F. R., and Bayliss, L. E., *Human physiology* (Churchill, 1955).

863. Physics.

The course consists of one lecture-demonstration a week throughout the year, and deals with relevant topics in physics, viz., force, moments, and energy; temperature, heat-energy, humidity, ventilation; production and properties of infra-red, visible, and ultra-violet radiations; electricity and magnetism, including the production and properties of direct, alternating and high-frequency currents; ionization and electrolysis, shielding of apparatus, heating by high-frequency currents, etc.

The scope of the course is defined by typed lecture notes. The text-books set for electrotherapy, together with an elementary text-book on physics, are suitable for reference.

864. Theory and Practice of Massage and Treatments.

The course consists of two hours a week during the second and third terms.

THEORY.—Ten lectures on history of medicine. Brief review of primitive medicine; medicine in Mesopotamia; that of the Ancient Egyptians, Persians, Indians, and Chinese. Greek medicine; the Alexandrian School; medicine in the Roman Empire; Arabic medicine; the medieval awakening; the rise of the Universities; anatomical advance and its influence on surgery; the experimental era and its wealth of discoveries; the contribution of physicists; bacteriologists; clinical teachers and pathologists to medicine; anaesthesia; nursing; outline of advances over last 100 years.

Ten lectures on the theory of massage manipulations and treatments; their effects and uses; description of general massage, and of that used for certain surgical conditions and contra-indications.

Reference books:

- Fink, D. H., *Release from nervous tension* (Allen and Unwin, 1950).
 Jacobson, E., *Progressive relaxation* (Chicago U.P.).
 Osler, W., *The evolution of modern medicine* (Yale U.P.).
 Mettler, F. A., *History of medicine* (Blakiston).
 Neuburger, *History of medicine* (Oxford Medical Publications).
 Walker, K., *The story of medicine* (Arrow Books).
 Dawson, B., *The history of medicine* (Lewis).

PRACTICE (Students working on each other).—Instruction in relaxation, rhythm and other preparatory exercises; general massage for arm, leg and back.

865. Theory and Practice of Movement I.

The course consists of two hours a week during the third term.

The work of Hendrik Ling and others in the development of remedial exercises.

Relaxation; co-ordination; levers; axes and planes; centre and line of gravity; the work and properties of muscles; group action of muscles; posture; examination of patient; balance; mechanics of pelvis; reflexes; fundamental starting positions; normal child development; postural reflexes and pathological reflex movements.

Text-book:

Gardiner, M. Dena, *The principles of exercise therapy*.

Reference books:

- Wells, K. F., *Kinesiology* (Saunders).
 Gesell, A. L., and Armatruda, C. S., *Developmental diagnosis* (Hoeber, 1948).
 Gesell, A. L., and Armatruda, C. S., *The embryology of behaviour* (Harper, 1945).

866. Social Psychology.

This course is the same as the Psychology IA (80) course except that in addition to the lectures given there will be tutorials in the first term. These tutorials will relate aspects of the course to psychological problems met with in the practice of physiotherapy.

Preliminary reading:

- Zangwill, O. L., *Introduction to modern psychology* (Methuen).
 Drever, J. A., *A dictionary of psychology* (Penguin).
 Ruch, *Psychology and life* (Scott Foresman).

Text-books:

- Munn, N., *Psychology. The fundamentals of human adjustment*, 3rd edition (Harrap); or
 Morgan, C. T., *Introduction to psychology* (McGraw-Hill).
 Hebb, D. O., *A text-book of psychology* (Saunders).
 Useful extra—Harper, R. S., *Introductory psychology* (Allyn and Bacon).

Reference books:

- Kahn, R. L., and Cannell, C. F., *The dynamics of interviewing* (Wiley, 1957).
 Bowlby, J., *Child care and the growth of love* (Penguin).
 Valentine, C. W., *The normal child* (Penguin).

SECOND-YEAR COURSE

871. Anatomy II.

ANATOMY.—Lectures on the topographical anatomy of the head and neck during the first and second terms.

NEUROLOGY.—Students attend the course of lectures on neurology given in the first term to medical students but do not take part in the practical work.

PRACTICAL.—Students dissect the head and neck.

Text-books:

No additional books are required, but the following are recommended for general reading:

- Jones, F. Wood, *Principles of anatomy as seen in the hand* (Baillière, Tindall and Cox).
 Jones, F. Wood, *Structure and function as seen in the foot* (Baillière, Tindall and Cox).

872. Theory and Practice of Treatments by Physiotherapy.

A. TREATMENTS.—The course consists of three hours a week throughout the year.

Brief revision of causes, changes, signs and symptoms of the following conditions, with detailed aims and methods of treatment by massage and exercises: fractures, dislocations and amputations; sprains; muscle trauma; synovitis; burns, scars, pressure sores; deformities; pre- and post-natal treatments. The forms of electrotherapy which are beneficial are mentioned, but no details are given of dosage or methods of application.

B. MASSAGE.—The course consists of two hours a week throughout the three terms. Students work on each other.

General massage of head, neck, chest and abdomen. Special treatments for particular conditions. Management of bed patients, lifting, bandaging, etc.

Text-books:

- Tidy, N. M., *Massage and remedial exercises in medical and surgical conditions* (Wright).
 Heardman, Mrs. H., *Physiotherapy in obstetrics and gynaecology* (Livingstone).
 Randall, M., *Training for childbirth* (Churchill).

Reference books:

- Naylor, A., *Fractures and orthopaedic surgery for nurses and masseuses*, 2nd edition (Livingstone).
 Adams, J. C., *Outline of fractures* (Livingstone).
 Cash, J. E., *Physiotherapy in some surgical conditions* (Faber).
 Cyriax, J. H., *Text-book of orthopaedic medicine*, Vols. 1 and 2 (Cassell).
 Cyriax, James, *Disc lesions* (Cassell).
 Read, G. D., *Childbirth without fear* (Heinemann).
 Powell, M., *Orthopaedic nursing* (Livingstone).
 Colson, J. H., *Rehabilitation of the injured* (Cassell).
 R. Watson Jones, *Fractures and other bone and joint injuries* (Livingstone).
 De Lorme, T. L., *Progressive resistance exercise* (Appleton-Century-Crofts, 1951).

873. Theory and Practice of Movement II.

The course consists of two hours a week in first and third terms, and three hours a week in second term.

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. Mechanics, muscle work and effects of Swedish remedial exercises for each joint working in its various directions. Schemes of exercises suitable for conditions benefited by remedial exercises, including pre- and post-natal work. During the second and third terms the theory of muscle function and mass muscle patterns as an introduction to neuro muscular re-education.

PRACTICE (Students working on each other).—During the first term the practice of physical education with emphasis on the normal physical development in various age groups and on class work. Students are taught to take and to teach the fundamental and derived positions accurately. Original and educational exercises are built up for all muscle groups. Basic movement approach to physical activities and functional activities are taught. Class work: commands; co-ordination exercises including Frenkels. Progressive resistance exercises; use of slings and pulleys; Klapp's crawling exercises.

Students teach each other exercises suitable for the correction of postural faults, deformities, after-effects of injury, etc., and those used to assist in recovery from medical conditions.

Reference books:

- Wells, K. F., *Kinesiology; the mechanical and anatomical fundamentals of human motion* (Saunders).
 Goldthwait, J. E., *Body mechanics in the study and treatment of disease* (Lippincott).
 Anderson, T. McC., *Human kinetics and analysing body movements* (Heinemann).
 Gardiner, M. Dena, *The principles of exercise therapy* (Bell).
 Bowen, Wilbur P., *Applied anatomy and kinesiology* (Henry Kimpton).
 Steindler, Arthur, *Kinesiology* (Chas. C. Thomas, 1955).
 Kendall, F. M. and H. O., *Muscles: testing and function* (Williams and Wilkins, 1949).
 Knott, M., and Voss, D., *Proprioceptive neuromuscular facilitation* (Hoeber, 1956).

874. Pathology.

The course consists of one lecture a week for three terms, and practical work in the laboratory of histopathology.

A. GENERAL PATHOLOGY.—Inflammation; infection; immunity (fever); hypertrophy and atrophy; degeneration; repair (scar tissue, adhesions, etc.); nature of tumour growth; disorders of metabolism; disorders of circulation.

B. SPECIAL PATHOLOGY.—Tumours (simple and malignant); diseases of the respiratory system; diseases of the circulatory system; diseases of the abdomen; genito-urinary conditions; diseases of the nervous system; diseases of bone; diseases of muscles; diseases of joints.

Reference book:

- Cappell, D. F., *Muir's text-book of pathology* (Arnold).

875. Electrotherapy.

The course consists of one lecture and one hour's practical work a week throughout the year.

Electromedical currents: apparatus and accessories, effects, general rules for treatment. Electrical reactions of muscles and nerves: Wallerian degeneration, technique and value of testing; types of testing; electrical stimulation for treatment. Low frequency currents: galvanic current and ion transfer, faradic and sinusoidal; physics and physiological effects; technique and dangers. High frequency currents and apparatus: short-wave diathermy; physiological effects; general technique; safety rules; electrical injuries; causes. Physics of radiant energy; electro-magnetic spectrum; infra-red and luminous radiation; sources, effects, clinical use; technique and precautions. Ultra-violet radiation: physics and effects; therapy, sources, technique; indications and contra-indications.

Text-book:

- Scott, P. M., *Clayton's electrotherapy and actinotherapy* (Baillière, Tindall and Cox).

Reference books:

- Kovacs, R., *Electric therapy and light therapy* (Kempston).
 Morris H., *Medical electricity for massage students*, 3rd edition (Churchill).
 Osborne and Holmquest, *Technic of electrotherapy* (Baillière, Tindall and Cox).
 Beckett, R. H., *Modern actinotherapy* (Heinemann, 1955).
 Scott, B. O., *Principles and practice of diathermy* (Heinemann).

876. Practice of Hospital Work I.

The course covers certain nursing procedures, bandaging, splinting, plastic work, ethics and professional conduct, and a general outline of other medical ancillary services. The practical work on patients is carried out at the Royal Adelaide Hospital.

A. OUT-PATIENTS.—Three afternoons a week throughout the three terms, approximately 270 hours.

B. IN-PATIENTS.—One hour every morning during the third term.

THIRD-YEAR COURSE

881. Theory and Practice of Movement III.

The course consists of two lectures a week throughout the three terms.

General principles of muscle re-education; examination of a patient; joint movements and muscle function. Methods of muscle testing and charting. Mass movement patterns. Techniques of proprioceptive facilitation and its application to pathological conditions. Discussion of various methods of treating cerebral palsy.

Reference books suggested at lectures.

882. Theory and Practice of Specialised Treatments.

The course consists of one lecture a week and daily practical instruction during the three terms, and includes the theory and practice of specialised medical and surgical treatments.

In addition, there are eight lectures by an orthopaedic surgeon, four lectures by a neuro-surgeon, eight lectures on medical conditions by a physician, four lectures by a chest surgeon, six lectures on the physiotherapy of chest conditions, eight specialised lectures on electrotherapy and two lectures on manipulations of joints.

Reference books:

- Hobson, E. P. G., *Physiotherapy in paraplegia* (Churchill, 1956).
 Forrester-Brown, M. E., *Diagnosis and treatment of deformities in infancy and early childhood* (Oxford Medical Publications).
 Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).
 Knudsen, K. A., *Text-book of gymnastics* (Churchill).
 Smith, O. Guthrie, *Rehabilitation; re-education and remedial exercises* (Baillière, Tindall and Cox).
 Angove, Hester, *Remedial exercises for certain conditions of the heart and lungs* (Faber).
 Fletcher, E., *Medical disorders of the locomotor system including rheumatic diseases* (Livingstone).
 Cash, Joan E., *Text-book of medical conditions for physiotherapists* (Faber and Faber).
 Kendall, H. O., and F. M., *Posture and pain* (Williams and Wilkins).
 Allen, Edgar, Van Nuys, and others, *Peripheral vascular diseases* (Saunders).
 Munro, Donald, *Treatment of injuries of the nervous system* (Saunders, 1952).
 Rusk, H. A., *Living with a disability* (Blakiston, 1953).
 Buchwald, Edith, *Physical rehabilitation for daily living* (McGraw-Hill 1952).
 Bartholomew, A. E., *The treatment of gravitational ulcers by physiotherapy* (London, Facsimile Letter Press, 1953).
 Buchwald, Edith, *A bladder and bowel training program for patients with spinal cord disease* (Rehabilitation Monograph III).
 Storey, G. N., *Thoracic surgery for physiotherapists* (Faber and Faber).
 Thacker, E. W., *Postural drainage* (Lloyd-Luke).

883. Practice of Hospital Work II.

A. At the Royal Adelaide Hospital:

The course extends over twenty weeks. Work in the wards covers experience in orthopaedics, chest surgery, neuro-surgery, and general medical and surgical cases. Out-patient work includes class work, general treatments, and all types of electrical treatment, the Bisgaard treatment of gravitational ulcers; the Cyriac method of massage and manipulation. The students will work approximately 30 hours a week, a total of 600 hours.

B. At the Adelaide Children's Hospital:

The course comprises 30 hours a week for eleven weeks and includes practice in the wards and the Physiotherapy Department, and instruction and practice in re-education and in the making of plaster splints. There is also one hourly tutorial each week during the three terms.

C. At the Queen Victoria Maternity Hospital:

Students attend full time for two weeks, the work covering pre- and post-natal work and clinical instruction.

D. At all hospitals, case notes must be kept and submitted for examination at the end of each term. The results are submitted to the board of examiners at the end of the year.

FACULTY OF ARCHITECTURE AND TOWN PLANNING

FIRST YEAR

901. Building Construction I.

General principles—functional requirements; the building team; the building contractor. Foundations. External and internal walls. Ground floor construction and fireplaces. Roofs. Joinery—doors and windows.

Text-books:

McKay, W. B., *Building construction*, Vol. I (Longmans).

Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).

902. Mathematics.

For the present there will be no special course in Mathematics. The attention of candidates is drawn to the pre-requisite for Structures I (912) which is a pass *either* in Mathematics I and II at the Leaving Honours examination *or* in General Mathematics (201).

903. Building Science I.

The nature and properties of common building materials; occurrence and manufacturing problems; physical phenomena; moisture and porosity; moisture movement. Principles of control of natural environment; solar radiation and sun control; daylighting standards and assessments; natural ventilation.

Text-books:

Reid, D., *Building science*, Vols. 1 and 2 (Longmans).

Principles of modern building, Vol. 1 (H.M.S.O.).

Geeson, A. G., *Building science*, Vol. 2 (G.U.P.).

904. History of Architecture I.

The architecture of Egypt, Mesopotamia, the Aegean, Greece, Rome, Early Christian, Byzantine, Islamic and Medieval periods.

Text-books:

Allsop, H. S., *The general history of architecture* (Pitman).

Fletcher, B., *History of architecture* (Batsford).

905. Architectural Design and Planning I.

The role and function of the architect in society historically and today; the elements of architectural design; the theory and use of colour.

Text-books:

Robertson, H., *Principles of architectural composition* (Architectural Press).

Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

Pierce, E. R., *Planning* (Iliffe).

906. Architectural and Free Drawing.

Standard drawing office practice. The construction of plane figures: problems of areas, the ellipse, parabola and hyperbola. Orthographic projection; isometric and axonometric projection. The theory and practice of architectural perspective, division and measurement in perspective, angular and parallel perspective and interior perspective. Reflections in perspective. Sciagraphy. Systems of rendering in various media and drawing presentation; lettering and lay-out; creative design; colour and ornament. Free sketching.

Text-books:

Reekie, R. F., *Draughtsmanship* (Arnold).

Lee, L. A., and Reekie, R. F., *Descriptive geometry* (Arnold).

907. Studio Work I.

The practical application of theoretical work in architectural and free drawing; architectural design, building construction, building science, and the history of architecture.

SECOND YEAR.**911. Building Construction II.**

Roads, paths and pavings. Retaining walls, boundary walls and fences. Upper floor construction and fireplaces. Roofing. Internal wall and ceiling finishes. Drainage and plumbing. Water services and sanitary fittings. Domestic hot water supply and heating systems. Gas and electricity services. Staircase construction. Framed timber roof construction. Windows and doors. Framed buildings—introduction. Timber frame construction. Joinery, cupboards, etc., and hardware. Steel and reinforced concrete frame construction.

Text-books:

McKay, W. B., *Building construction*, Vol. 2 (Longmans).

Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).

912. Structures I.

Pre-requisite subject: Mathematics I and II at the Leaving Honours examination or General Mathematics (201).

Students will be expected to possess and be able to use a slide rule for this and subsequent courses in Structures.

Statically determinate plane frames. Shear and bending moment diagrams. Stress and strain. Theory of bending and design of beams. Deflection of simple beams and cantilevers. Properties and testing of materials.

913. Building Science II.

Provision of satisfactory environment; human physiology and comfort conditions relating to heat, humidity, light, sound and ventilation. Thermal properties of materials; insulation; condensation. Heating, hot-water supply and ventilation (domestic). Properties of sound; acoustical properties of materials and design of rooms. Light measurement. Electricity supply and wiring regulations. Structural properties and applications of materials; adhesives and adhesion; sheet materials generally. Metals; corrosion; hardness of water and softening systems.

Text-book:

Harris, N. C., *Modern air conditioning practice* (McGraw-Hill).

914. History of Architecture II.

Medieval and Renaissance architecture in Italy, France, England, Spain and Germany. The Regency, 19th and 20th centuries architecture with colonial adaptations. The Orient. The early architecture of Australia and its development to the present day.

Text-books:

Allsop, H. S., *The general history of architecture* (Pitman).

Fletcher, B., *History of architecture* (Batsford).

915. Architectural Design and Planning II.

The theory and application of design and planning principles including programme organisation, grouping and circulation. The science of aesthetics; environment and architectural siting and density; three-dimensional models.

Text-books:

- Robertson, H., *Principles of architectural composition* (Architectural Press).
 Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).
 Pierce, E. R., *Planning* (Iliffe).

916. Architectural Surveying.

The construction, use and adjustment of surveying equipment; optical square; staff; levels; theodolites. Chain surveys, levelling, traverses; measurement and setting out of building works; tachemetry; computation of traverses and levels, areas and volumes with straight and irregular boundaries; use of planimeter; plane table surveys. Survey and measurement of existing buildings relating to dilapidations and alterations.

Text-books:

- Clark, D., *Plane and geodetic surveying*, Vol. I (Constable); or
 Huggins, F. R., *Building surveys* (Batsford).
 Curtin, W., and Lane, R. F., *Concise practical surveying* (E.U.P.).

917. Studio Work II.

The practical application of theoretical work in architectural design; building construction; building science; history of architecture.

THIRD YEAR.**921. Building Construction III.**

Concrete slab floors and roofs. Stepped foundations. Joinery, fittings, etc. Special doors and windows. Design of load-bearing brickwork: crosswall construction. Panel walling. Roofs and roof-lights. Staircases, fire-resisting and special. Shoring: timbering to trenches. Designed foundations. Fire services, requirements, etc. Structural economics. Internal finishes to floors, walls, ceilings.

Text-books:

- McKay, W. B., *Building construction*, Vol. 3 (Longmans).
 Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).
 Eastwick-Field, J., and Stillman, J., *The design and practice of joinery* (Architectural Press).

922. Structures II.

Deflection of beams. Bending and shear stresses in beams. Principal stresses. Compound beams including reinforced concrete. Combined bending and axial stress. Compression of slender struts. Deflections of framed structures. Bolted, riveted and welded joints. Three-pin arch.

923. Building Science III.

Artificial environment; heating and air-conditioning (public buildings); artificial illumination; noise control. Acoustical design of auditoria and studios. Materials; concreting cements, special cements and additives; dense and light-weight concretes; surface finishes; pre-cast and pre-stressed concrete products. Ceramics. Floor finishes. Biological attack on building materials; preventive methods.

Text-book:

- Parkin, P. H., and Humphreys, H. R., *Acoustics, noise and buildings* (Faber).

924. Professional Practice I.

Specification; structure and organisation of building industry; central and local government; building act and by-laws; general law of contract.

Text-books:

- Aqua Group, *Pre-contract practice* (Lockwood).
 Australian standard method of measurement of building works (Institute of Quantity Surveyors (Aust.)).

926. Architectural Design and Planning III.

Planning and design of specialised building types; contemporary architectural form and the philosophy and history of the modern movement. The visual arts. Landscape and silviculture. Furniture and interior design.

Text-books:

- Robertson, H., *Modern architectural design* (Architectural Press).
 Robertson, H., *Principles of architectural composition* (Architectural Press).
 Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

927. Studio Work III.

The practical application of theoretical work in architectural design, building construction, building science, and structures.

FOURTH YEAR.

931. Building Construction IV.

Ductwork. Specification. Glass block and glass concrete construction. Roof coverings and lights. Special structures: factories, large span roofs, etc. Lifts and escalators. Multi-storey buildings in concrete. Cladding of framed structures. Unorthodox framed structures. Movement in buildings. Exposed concrete finishes. Natural and reconstructed stone.

932. Structures III.

Analysis of indeterminate framed structures. Two-pin arches. Multi-storey building frames. Moment distribution. Concrete mix design. Design of reinforced concrete members.

Text-book:

- Standards Association of Australia, *Code No. CA.2-1958 for concrete in buildings*.

933. Building Science IV.

Principles of fire protection of buildings; fire resistance of materials and protective measures. Plastics. Protection and decoration of materials and surface finishes. Illumination; design of the visual field. Bearing properties and classification of soils.

934. Professional Practice II.

Quantity surveying. Bills of quantities. Standard method of measurement. Law of building contracts. Standard form of contract. Certificates and accounts.

Text-books:

- Australian standard method of measurement of building works (Institute of Quantity Surveyors (Aust.)).
 Eggleston, H. S., *The practising architect* (M.U.P.).

935. Town and Regional Planning and Civic Design I.

The history of town planning. Study of the historical background and examples. The history of Australian towns. The development of transportation. Planning techniques today. The garden cities movement. The town planning pioneers.

Text-books:

- Brown, A. J., and Sherrard, H. M., *Town and country planning* (M.U.P.).
 Abercrombie, P., *Town and country planning* (O.U.P.).

936. Architectural Design and Planning IV.

Contemporary developments. The relationship of structure and design. Further specialised design problems.

937. Studio Work IV.

The practical application of theoretical work in architectural design, building construction, building science, and structures.

947. Honours Seminars.

For syllabus, see under the fifth year.

FIFTH YEAR.

941. Structures IV.

Soil mechanics. Column analogy. Plastic theory of design. Pre-stressed concrete. Experimental stress analysis. Three-dimensional framed structures.

Text-book:

King and Cresswell, *Soil mechanics related to building* (Pitman).

942. Building Science V.

Quality control of materials. Acoustics; speech reinforcement and loud-speaker installations. Illumination; permanent supplementary artificial lighting for interiors; street lighting. Single-stack drainage. Solar heating. Soil stabilization. Atmospheric pollution. Specialized problems and scientific research for architecture and town planning.

943. Professional Practice II.

The code of professional conduct. Standard fee scales. Office organisation. Programming. Economic theory and valuation. Building investment and budgeting. Variations. Law relating to the architect. Arbitration. Bankruptcy and liquidated damages. Town planning acts. The Building Act and by-laws. Contract law.

Text-book:

Eggleston, H. S., *The practising architect* (M.U.P.).

944. Town and Regional Planning and Civic Design II.

The practice of town and country planning. The principles of civic survey and the study of a modern town planning scheme. Outline of planning legislation. Regional and national planning with reference to economics, sociology and demography.

945. Studio Work V.

Advanced projects in architectural design and applications relating to building science, architectural construction, and structures.

946. Architecture Thesis.

To be on a selected and approved subject involving architectural design and constructional problems and to be accompanied by a suitable report.

947. Honours Seminars.

For Honours students additional seminar courses dealing with the following subjects will be provided in the fourth and fifth years:—Civic design and regional planning. Landscape architecture. Building science. Commercial and industrial architecture. Factory production and prefabrication. Housing. Architecture and environment. The visual arts in building.

FACULTY OF TECHNOLOGY.

TECHNOLOGY AND APPLIED SCIENCE

1001. Structures I (T).

Pre-requisite subject: General Mathematics (201).

Pre-requisite or concurrent subject: Applied Mathematics (T) (1153).

Lectures:—Fundamentals of statics, trusses and simple connections, stress and strain, theories of failure, properties of materials and tests, statically determinate beams and special problems, columns, design of timber, concrete and steel members, basic indeterminate structures, torsion, dynamic loads, forces in space.

Practical work:—Mechanical testing of materials. Application of lectures to design problems.

Text-book:

Trathen, R. H., *Statics and strength of materials* (Wiley).

Reference books:

Norris and Wilbur, *Elementary structural analysis*, 2nd edition (McGraw-Hill).

Urquhart, O'Rourke and Winter, *Design of concrete structures* (McGraw-Hill).

Hansen, H. J., *Modern timber design* (Chapman and Hall).

Gaylord and Gaylord, *Design of steel structures* (McGraw-Hill).

1002. Civil Engineering A.

Pre-requisite subject: Structures I (1001).

Lectures: Influence lines, statically indeterminate trusses, beams and frames, design of structures in steel and concrete, experimental methods.

Practical work: Design problems in conjunction with lecture. Seminars.

Reference books:

Timoschenko, S., and Young, D. H., *Theory of structures* (McGraw-Hill, 1945).

Kinney, J. S., *Indeterminate structural analysis* (Wesley).

Lin, T. Y., *Design of prestressed concrete structures* (Wiley, 1955).

Ferguson, P. M., *Reinforced concrete fundamentals* (Wiley).

Urquhart, O'Rourke and Winter, *Design of concrete structures* (McGraw-Hill).

1003. Civil Engineering B.

Pre-requisite subjects: Surveying IA (1008), Applied Mathematics (T) (1153), Hydraulics (T) (1211), Mathematics I (Engineering) (213) and Structures I (T) (1001).

Lectures: Accommodation requirements; surface drainage, soil properties and tests; earth-works and earth-moving equipment; pavement design; plant and methods of general pavement construction and bituminous work; road surfaces; bases of soil; stabilized soil; gravel and stone pavements; bitumen, gravel-bitumen and bituminous macadam surfaces; cement concrete pavements; road design and practice; traffic engineering.

Sources of water supply; storage; design and construction of dams other than concrete and masonry; outlet and distribution works for water supply; examination and treatment of water and water supplies; population forecasts; systems of sewerage; sewer reticulation; hydrogen sulphide problems; sewage treatment and disposal.

The elements of soil mechanics and classification including earth pressure and bearing capacities; exploration and testing of foundations, and their design and construction. Column and wall footings, piles and piling, piers and abutments, cofferdams, and pneumatic caissons.

Practical work: Project on water supply and/or sewage. Laboratory work covering soil classification and testing. Excursions to industrial plants and water and sewage treatment plant.

Text-books:

- Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering* (Wiley, 1948).
 Steel, E. W., *Water supply and sewerage* (McGraw-Hill, 1953).
 Sherrard, H. M., *Australian road practice* (M.U.P.).

Reference books:

- Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon, 1953).
 Tschebotarioff, G., *Soils mechanics foundations and earth structures* (McGraw-Hill).
 Schultz, J. R., *Geology in engineering* (Wiley, 1955).
 Fair, G. M., and Geyer, J. C., *Water supply and waste water disposal* (Wiley, 1954).
 Babbit, H. E., and Doland, J., *Water supply engineering* (McGraw-Hill, 1955) (Relevant British codes of practice).
 Imhoff, K., and Fair, G. M., *Sewage treatment* (Wiley).
 Rudolf, W., *Industrial wastes* (Reinhold).

1004. Structures II (T).

Pre-requisite subject: Structures I (T) (1001).

Pre-requisite or concurrent subject: Civil Engineering A (1002).

Three design projects covering timber, concrete and steel construction.

Reference books:

- As for Structures I (1001). A reading guide will be supplied at the beginning of the course.
 Standards Association of Australia, *Codes* (as applicable).

1005. Methods of Construction and Management.

Pre-requisite or concurrent subject: Civil Engineering B (1003).

A course of 33 lectures dealing with typical construction problems in the fields of buildings, transport, water supply and marine engineering, handling of materials, items of plant, performance and maintenance, job organisation, and personnel administration.

Text-book:

- Kellogg, F. H., *Construction methods and machinery* (Prentice-Hall).

Reference book:

- U.S., Bureau of Reclamation, *Concrete manual*.

1006. Soils Investigations.

Lectures: Engineering geology; classification of soils; field methods of sampling and testing; standard tests; application of soils mechanics.

Practical work: Laboratory work covering soil classification and testing.

Text-books:

- Nash, K. L., *Elements of soil mechanics* (Constable).
 Schultz, J. R., *Geology in engineering* (Wiley).

Reference books:

- Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).
 Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley or Chapman and Hall).

1007. Town Planning Practice I.

A course of lectures and some practical exercises on the practice of town and country planning.

The nature and purpose of town planning; planning in the context of region and nation; characteristics of towns; structure of towns; town surveys; regional surveys; analyses of surveys; elements of town development plans; elements of regional development plans; open spaces; residential neighbourhoods and site planning; central areas; statutory planning practice.

Text-books:

- Abercrombie, Sir Patrick, *Town and country planning* (O.U.P.).
Brown, A. J., and Sherrard, H. M., *Town and country planning* (M.U.P.).

Reference books:

- Geddes, P., *Cities in evolution* (Williams and Norgate).
Sharp, T., Gibberd, E., and Holford, W. G., *Design in town and village* (Ministry of Housing and Local Government) (H.M.S.O.).
National Council of Social Service, *Size and social structure of a town* (Allen and Unwin).
Tippett, L. H. C., *Statistics* (O.U.P.).
Adams, J. W. R., *Modern town and country planning* (Churchill).
Daysh, G. H. J., *Studies in regional planning* (Phillips).
Robinson, W., and Keeble, L., *The development of building estates* (Estates Gazette).
Mumford, L., *The culture of cities* (Warburg).
Ford, P., and Thomas, C. J., *Shops and planning* (Blackwood).
Keeble, L. B., *Principles and practice of town and country planning* (Estates Gazette).
Report of the committee on land utilisation in rural areas (H.M.S.O.).
Reports of the new towns committee (H.M.S.O.).
Ministry of Transport Memorandum, No. 575, *Layout and construction of roads, and design and layout of roads in built-up areas* (H.M.S.O.).
Ministry of Education, *Community centres* (H.M.S.O.).
The National Playing Fields Association, *The selection and layout of land for playing fields and playgrounds*.

1008. Surveying IA.

Pre-requisite subjects: Leaving Mathematics I and II, Leaving Physics.

Lectures: The construction, adjustment, and use of instruments; chain surveys; levelling; traverses; measurement and setting out of earthworks; curve ranging; computation of traverses and levels; areas and volumes with straight and irregular boundaries, stadia measurements; plotting and finishing plans, sections, and tracings.

Practical work: Three hours a week throughout the year. Chainage, detail survey, levelling, stadia, compass survey, plane tabling, setting out works, adjustment of instruments, calculations and plans connected with above.

Civil Engineering and Surveying students will be required to attend a survey camp.

Text-books:

- Clark, D., *Plane and geodetic surveying*, Vol. I (Constable, 1958).
Chambers, *Seven figure mathematical tables*.

Reference books:

- Clendinning, J., *Principles and use of survey instruments* (Blackie).
Clendinning, J., *Principles of surveying* (Blackie).

1008A. Survey Camp.

Before attending the survey camp, students must have attended lectures and practical classes in Surveying IA (1008).

The survey camp is held towards the end of the academic year, and is of two weeks' duration. A subject fee of £4/10/- is charged. Accommodation and stretchers are provided, but bedding and transportation are the student's responsibility.

A charge is also made to cover the cost of meals provided. Each student must obey all regulations whilst in camp.

All plans, field notes and computations must be completed satisfactorily, and handed to the lecturer-in-charge at the closing of the camp.

A candidate whose work is deemed unsatisfactory by the lecturer-in-charge will not be credited with attendance at the camp, and he may be required to do additional practical work during the first term of the following year, or to attend another survey camp.

Entry for the camp must be made in the first term.

1009. Surveying Computations.

Pre-requisite subject: Surveying IA (1008).

Computations connected with plane surveying; three-point and similar problems; calculation of heights and distances; tachometric surveying; calculations in connection with mine surveying; adjustment of discrepancies in surveys; problems connected with setting out areas; calculations for setting out circular and parabolic curves and road secants, elementary spherical trigonometry.

Reference book:

Horner, *Survey computations* (S.G.O. Malaya, 1950).

1010. Surveying II.

Pre-requisite subjects: Surveying IA (1008), General Mathematics (201), and General Physics (221).

Pre-requisite or concurrent subject: Surveying Computations (1009).

Lectures: The plane table, curves, barometric, trigonometric and precise levelling; surveys for roads, railways, water supply and irrigation; quantities, hydrographic and topographic surveying; theory of errors.

Practical work: Three hours a week throughout the year covering plane table surveys, curve work and levelling. Application of theory of errors to field work. Requirements for engineering surveys. Calculations and preparation of plans.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vols. 1 and 2, 1958.

Beers, Y., *Introduction to the theory of error* (Addison-Wesley, 1957).

Reference book:

Higgins, A. L., *Higher surveying* (Macmillan).

1011. Land Surveying Design and Drafting.

Introduction; use of drafting equipment; survey drafting; preparation of plans from field notes; map projection; special types of survey drafting (including engineering, hydrographical, geological, hydrological, geophysical, mining); graphical representation; drafting for reproduction; models.

Reference books:

Robinson, A. H., *Elements of cartography* (Chapman and Hall, 1953).

Raisz, E., *General cartography* (McGraw-Hill, 1948).

Bishop, M. S., *Subsurface mapping* (Wiley).

1012. Mine Surveying.

Pre-requisite subjects: Surveying IA (1008) and Surveying Computations (1009).

Lectures: Equipment; basic definitions; underground and surface surveys; setting out and control of tunnels; maps, projections and models; exploration surveys; shaft plumbing; various types of survey instruments.

Practical work: Three weeks practical work during vacation by arrangement with a mining company.

Text-book:

Staley, W. W., *Introduction to mine surveying* (Stanford U.P., 1953).

Reference book:

Winiberg, F., *Metalliferous mine surveying* (Mining Publications).

1013. Photogrammetry.

Pre-requisite subjects: Mathematics I (Engineering) (213), Surveying II (1010), and Astronomy (1015).

Concurrent subject: Geodesy (1014).

Lectures: History; perspective; photographic materials; aerial cameras; aerial and terrestrial photography; geometrical principles; flight — ground control; methods of plotting; plotting instruments; production of maps.

Practical work: Six hours a week throughout the year; field procedures; calculations and use of various plotting machines.

Reference books:

- American Society of Photogrammetry, *Manual of photogrammetry*, 1951.
 Zeller, M., *Text-book of photogrammetry* (Lewis, 1952).
 Schwidofsky, K., *Text-book of photogrammetry*.
 Hart, C. A., *Air photograph applied to surveying* (Longmans, 1943).
 Hallert, B., *Photogrammetry* (McGraw-Hill, 1960).

1014. Geodesy.

Pre-requisite subjects: Mathematics I (Engineering) (213), Surveying II (1010), and Astronomy (1015).

Lectures: The oblate spheroid; reconnaissance surveys; base line measurement; recording methods; theory of errors—adjustment of observations; the spherical triangle; precise levelling; adjustment of level nets and traverses; topographical surveying for mapping; map projections; transformation of grid coordinates.

Practical work: Three hours a week for three terms; field observations; computations concerned with problems as covered in lectures.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).

Reference books:

- Hosmer, G. L., *Geodesy* (Wiley, 1929).
 Bomford, G., *Geodesy* (O.U.P., 1952).

1015. Astronomy.

Pre-requisite subjects: Surveying IA (1008), General Mathematics (201), and General Physics (221).

Lectures: Spherical trigonometry; position by simple and precise methods; position lines; errors in instruments and observations.

Practical work: Three hours a week throughout the year. Determination of latitude, azimuth, time and longitude. Practical sessions will be held both in the day and evening.

Text-books:

- Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).
 Chapman, R. W., and Mackie, J. W., *Astronomy for surveyors*, 5th edition (Griffin, 1953).
 Star almanac for surveyors.

Reference books:

- Roelofs, R., *Astronomy* (Ahrend, 1950).
The astronomical ephemeris, current edition.
 Smart, W. M., *Foundations of astronomy* (Longmans, 1953).

1016. Surveying Law.

The Acts and Regulations relating to:—

- (a) Surveys of land for purposes of title; subdivision of land; opening and closing roads and rights-of-way; the acquisition of land for special purposes.
- (b) Surveys of mines both surface and underground.
- (c) Town planning and regional planning.
- (d) Systems of tenure.

1017. Law in Relation to Planning.

- (a) British Law. A general knowledge of the bases of planning law in Britain, including the Barlow, Scott and Uthwatt Reports. A general knowledge of the 1947 Act and its amendments, the 1946 New Towns Act, and subsequent legislation of importance.

- (b) Australian Law. A brief survey of the planning law in force in all states of Australia other than South Australia.
- (c) South Australian Law. The 1916 Planning Bill. The Town Planning and Development Act 1920. The Town Planning Act 1929. The Town Planning Act 1929-57.

Reference books:

The Reports, Bills, Acts, etc. referred to above.
 Heap, D., *An outline of planning law* (Sweet and Maxwell).
The town planning and local government guide (Law Book Co.).

1018. Land Valuation Principles and Practice.

Definition of value, methods and principles of valuation, valuation of city, suburban and rural lands, valuation of improvements to land; depth tables; valuation of terminable interests; depreciation; inspection and valuation reports; subdivisions; business valuations and goodwill; compensation for compulsory acquisition; responsibilities and liability of a valuer.

Text-books:

Murray, J. F. N., *Principles and practice of valuation* (Commonwealth Institute of Valuers).
 Quarterly Journal of the Commonwealth Institute of Valuers, *The valuer*, for current year.

Reference books:

Murray, J. F. N., *Valuation practice, problems and answers* (Commonwealth Institute of Valuers).
 Collins, C. M., *Valuation, compensation and land tax* (Law Book Society).
 Quarterly Journal of the Commonwealth Institute of Valuers, *The Valuer*, past issues.

1019. Applied Geology and Economic Geography.

The questions set on this syllabus will be framed with a view to testing the general knowledge of the candidate and his ability to refer to the appropriate sources for precise information.

(a) Applied Geology:

Classification of the solid rocks; classification, native relative permeability and distribution of the superficial deposits; the relation of geology to surface relief, scenery, soil fertility and agriculture; principles underlying the construction and interpretation of geological maps and sections; the processes of watering and erosion; water supply from surface and subterranean sources; mode of occurrence and distribution in Australia of coal, iron ore, salt and gypsum and methods of mining or extraction; the principal types of soils and their characteristics.

Text-books:

Fearnside, W. G., and Sulman, O. M. B., *Geology in the service of man* (Pelican); or
 Raistrick, A., *Teach yourself geology*.
 Mining Review No. 97, *Rock products, sand and gravel resources in the metropolitan area of Adelaide*, pp. 142-171.
 Mining Review, No. 94, *Survey of the brick manufacturing industry in South Australia*, pp. 98-126; and *Limestone production in South Australia*, pp. 126-164.
The one mile geological map of the Adelaide military sheet.

Reference books:

Cotten, C. A., *Geomorphology*, 1942.
 Longwell, Knopf, Flint, Schuchert and Dunbar, *Outlines of geology* (Wiley).
 Emmons, Theil, Stranffer and Albson, *Geology*.

Clarke, Prider and Tiechert, *Elements of geology* (W.A. University Bookshop).

Geologist Society of Australia (M.U.P.).

Ward, L. K., *The occurrence, composition, testing and utilisation of underground water in South Australia* (Geological Survey Bulletin No. 23).

Aitchison, Sprigg and Cochrane, *The soils and geology of Adelaide and suburbs* (Geological Survey Bulletin No. 32).

Ministry of Town and Country Planning, *Control of mineral working* (H.M.S.O., 1951).

(b) Economic Geography:

The geography of Australia with special reference to land utilisation; forestry and agriculture; the distribution of industry (particularly mining, iron and steel, engineering and the production of power); the distribution of urban and rural populations; the development of settlements; communications.

Text-books:

Zimmerman, E. W., *World resources and industries*, Foreword and pp. 1-43 (Harper, 1951).

Jones, C. F., and Darkenwald, G. G., *Economic geography*, pp. 1-20 (Macmillan, 1954).

Reference books:

Smith, Wilfred, *An economic geography of Great Britain*, 2nd edition.

Wadham, S. M., and Wood, G. L., *Land utilisation in Australia*, 2nd edition, pp. 338-369 (M.U.P., 1947).

Wills, N. R., *Economic development of the Australian iron and steel industry* (probably available through B.H.P., 1948).

White and Foscoe, *Regional geography of Anglo-America*, 2nd edition (Prentice-Hall, 1954).

1021. Building Science I (T).

Building stones and reconstructed stone; limes, cements and plasters; pozzolans; aggregates; mortars; carbide mortars; design of concrete mixes; clay bricks, terracotta, earthenware, stoneware; tiles; fireclay; bitumen, asphalt, coal tar; timber, growth, seasoning, grading, preserving; veneers and hardboard; glues; ferrous metals; non-ferrous metals; alloys; welding, soldering, brazing, riveting, etc.; electrolysis and corrosion; protection of metals; asbestos cement; insulative materials; plastics; paints; glass.

1022. Building Science II (T).

Pre-requisite or concurrent subject: Building Science I (T) (1021).

(a) Properties and uses of materials: thermal insulation; heat transfer and transmittance; insulation of walls, floors and roofs; design for climate; climatic zones of Australia; natural ventilation (domestic); elementary heating (domestic); properties and uses of acoustic materials; sound; noise; sound transmission; insulation of partitions, doors, windows; fixing absorptive materials; fire protection; effect of fire in buildings; fire risk of materials, ratings; insulation; lighting; daylight penetration and factor; reactions of surfaces and colours.

Reference books:

Geeson, A. G., *Building science for students of architecture and building*, Vols. 1 and 2 (E.U.P.).

Gay, C. M., and Parker, H., *Materials and methods of architectural construction* (Wiley).

(b) Sanitary science.

A course of lectures on principles and practice of sanitation: sewerage and trade wastes; types of drain and drain laying; jointing methods; trenches and trench timbering; drain testing; cisterns and flushometers; water supply and storage; wells and subartesian supply; sewerage ejectors; traps; trap syphonage and protection; ventilation of drains and waste pipes; fittings and fixtures used in building; lay-out and design of sanitary plumbing installations.

Text-book:

Department of Labour and National Service, *Sanitary plumbing and water supply*.

1023. Building Science III (T).

Pre-requisite or concurrent subject: Building Science II (T) (1022).

(a) Building Plant A.

Planks—timber to be used, dimensions and safe loads, methods of preservation; ropes—Manilla, coir and hemp ropes, breaking strains; steel ropes—sizes and safe loads and care; slings and hooks; scaffolding—its types and uses, such as stools and frenchmen, wooden scaffolding, steel tubular scaffolding, mobile scaffolding, swing scaffolds, traversing swing scaffolding, hanging scaffolds, ladders, steps, etc., safety precautions; builders' offices and sheds; branding of scaffolding and plant; concrete mixers—types and sizes, maintenance, outputs, aerating mixers; batch mixers for large construction; hoists and winches—single rope hoists, platform hoists, bucket hoists, mobile hoists: their capacities, erection, maintenance and care; elevators—their uses, care and maintenance; cranes—derrick cranes, their sizes, capacities, uses and erection, assembly and dismantling problems; mobile cranes—types, sizes, maintenance and uses; compressors—uses of air tools, maintenance of same, maintenance of air unit—hand tools—their uses and maintenance, drills, portable saws, gun hammers, emery wheels, manual hand tools; wood-working machines—their types, uses and maintenance; pile driving equipment; dewatering equipment; pumps—their types and uses; derrick poles, wood and steel—method of guying and lifting capacities; formwork—types of steel formwork, maintenance of steel formwork; moving formwork—its design, operation and maintenance; bulk cement equipment; concrete pumps and grout pumps; air lock equipment; concrete skips, buckets and chutes; pre-stressing equipment; internal combustion engines—their simple principle, operation, maintenance and advantages; electric motors—their simple principle, operation, maintenance and advantages; simple outline of excavators, draglines, bulldozers, graders, dump trucks, etc.; transport—commercial vehicles, their types, sizes and maintenance and uses.

NOTE: Visits to various building sites are included in this subject.

Reference books:

Rossnagel, W. E., *Handbook of rigging*.

N.S.W. *Scaffolding and Lifts Act, 1912-1948* (N.S.W. Government Printing Office).

(b) Service and Equipment of Buildings I.

A course of lectures and visits to buildings dealing with the principles involved in the design and provision of mechanical equipment of buildings; study of codes and regulations involved.

The course includes: heating; ventilation; air conditioning; hot and cold water supply; electrical services; illumination; fire protection; vertical transportation.

Exercises, problems and calculations involved in the design of the above services and equipment.

Reference books:

Carrier, Cherne and Grant, *Modern air-conditioning, heating and ventilation*.

Annett, F. A., *Electric elevators*.

S.A.A. *Lift code* (A.S. No. CA.3.).

S.A.A. *Wiring rules* (Part I: *Wiring methods*—A.S. No. CCI Part I).

1024. Building Construction and Drawing I.

A descriptive course in elementary building construction and drawing. The lectures include the consideration of brick bonds and brick wall construction, including brick joints; building stones and masonry; ventilation and damp-proofing, foundations and footings; carpentry joints, timber floors; frame construction; brick veneer; ceilings and roofs; joinery joints; doors; windows; stairs; cupboards; building boards; plywood; roof coverings and roof plumbing.

Students study and draw to scale details of importance in buildings, commencing with simple examples, and progressing to more difficult ones requiring knowledge of building construction.

Text-book:

Mitchell, G. A. and A. M., *Building construction and drawing* (Batsford).

Reference books:

- Sharp, W. Watson, *Australian methods of building construction* (Angus and Robertson).
 Nangle, J., *Australian building practice* (Brooks).
 Tullock, *Details of Australian building construction* (Keating and Wood).

1025. Building Construction and Drawing IA.

The syllabus of this course, although similar to that of Building Construction and Drawing I, is treated in a simpler way, and is designed for students who will be connected only indirectly with the building industry, or who have little experience in draughtsmanship.

Text-book:

Mitchell, G. A. and A. M., *Building construction and drawing* (Batsford).

Reference books:

- Sharp, W. Watson, *Australian methods of building construction* (Angus and Robertson).
 Nangle, J., *Australian building practice* (Brooks).
 Tullock, *Details of Australian building construction* (Keating and Wood).

1026. Building Construction and Drawing II.

Pre-requisite subject: Building Construction and Drawing I (1024).

A continuation of the study of building construction and drawing with provisions similar to those set out in Building Construction and Drawing I.

Site requirements, excavations, foundations, shoring and underpinning, dangerous structures, joinery, fittings, glazing. Insulation, waterproofing and damp-proofing, internal and external finishes, including plastering, painting, tiling, etc. Roofs, roofing materials and roof drainage, fire resisting construction. The study of concrete, its properties and reinforced concrete construction.

Students continue exercises in building construction drawing, by making drawings to scale.

Text and reference books:

As for Building Construction and Drawing I.

1027. Building Construction and Drawing III.

Pre-requisite subject: Building Construction and Drawing II (1026).

Concurrent subject: Building Administration II (1029).

(a) Working Drawings and Specifications I.

A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

(b) Working Drawings and Specifications II.

A course of lectures and more advanced exercises on office practice and preparation of drawings and specifications. Examination of methods used by the quantity surveyor; architect's methods of estimating from the sketch drawings.

1028. Building Administration I.**(a) Conditions of Contract.**

A study of the most commonly used Conditions of Contract, including the standard documents of the Royal Australian Institute of Architects, the Department of Public Buildings, and the Commonwealth Department of Works; the preparation of contracts.

Reference books:

- The Conditions of Contract of the Royal Australian Institute of Architects.*
The Conditions of Contract of the South Australian Department of Public Buildings.
The Conditions of Contract of the Commonwealth Department of Works.

(b) Site Administration.

Selection of working areas; selection of site offices; selection of sheds, etc.; selection of stacking areas, storage of materials; planning placement of materials; planning hoisting of materials; planning the placing of plant, etc.; temporary services—power, water, etc.; material ordering and order books; cartnote and delivery records; time sheets, time records, and time control; job time schedules; distribution of wages, including legal aspect; set out work—foundations, storey rods, detailed construction; sub-contractors—organizing their responsibility, contractor's responsibility; methods of dealing with variations to contract; contractor's responsibility and relation to clerk of works, architect, engineer, building owner; clerk of works relation and responsibilities; architect's relation and responsibilities; engineer's relation and responsibilities; building owner's relation and responsibilities; general duties of a foreman; general duties of clerk of work; delegation of work to leading hands; awards—their interpretation (with respect to change room, first aid, etc.); cleaning up of site and work; duties in handing over works; care of plans and specifications; estimating labour requirements; estimating plant requirements; the Scaffolding Act; footpath crossing; hoardings, etc.

Reference books:

Gillespie, J. J., *Training in foremanship and management*.
 Hiscox, W. J., *Factory layout, planning and progress*.
 Gilbraith, Frank, *Time and motion study*.

1029. Building Administration II.

Pre-requisite subjects: Building Construction and Drawing II (1026).

(a) Building Act A.

A course of lectures and drawing office exercises on building construction in which a study is made of the South Australian Building Act and relevant regulations.

Throughout the course there is in view a co-ordination of the requirements of legislation and local practice of building construction. Exercises are worked in the checking of plans and specifications for compliance, and in the administration of the Act and regulations from the standpoint of the building surveyor.

Text-book:

The South Australian Building Act and Regulations, 1923-1946.

Reference books:

As for Building Construction and Drawing I (1024).

(b) Building Administration IIA.

The builder's office, yard and works for various size organizations; approximate administration staff for various size organizations; accounting sections—its duties and statistical reports, its wages make up, costing records, bank overdraft, guarantee and mortgages, etc.; filing systems; office machines; preparation of profit and loss and balance sheets; costing section—quantity surveyors, pricing and tendering, preparation of bills to be lodged, variations and extras, rise and fall control, material order lists, control of quotations relative to contract, labour targets, checking costing against rates, establishing rates; purchasing section—ordering and planning purchases, stocks, stock control, allocation of stocks, P.C. sums and selections, delivery control, cartnote check against orders; employment section—awards and their interpretation, apprentices and their management, procuring labour, dismissal of labour, country work, country camps and their problems, estimating future labour requirements; general administration—foremen's meetings, staff meetings, control of supervision, control of plant, control of transport, control of contracts, preparation of time schedules, selection of work, fixed price contracts; fixed fee contracts, cost-plus contracts, schedule rates contracts, arbitration on contracts, building association, kindred and allied associations, insurances, pay roll tax, company law and registration of companies, audit and general taxation.

Reference books:

Gillespie, J. J., *Training in foremanship and management*.
 Hiscox, W. J., *Factory layout, planning and progress*.

1031. Architectural Drawing I. (T).*Perspective.*

The principles of perspective, definitions and terms used in perspective; simple positions of solids; models composed of a combination of solids. Perspective composition; the projection of architectural perspectives from given plans and elevations.

Sketching.

Freehand sketching of simple models, showing plans, elevations, sections and dimensions. Perspective freehand sketching of architectural details. Freehand lettering as required for titles and subtitles of architectural drawings.

Plane Geometry.

Construction of triangles, quadrilaterals, and polygons; circles tangentially in contact with converging lines, triangles, quadrilaterals, polygons, and sectors of circles; third, fourth and mean proportionals; circles of a given radius to touch lines, one or two circles; regular polygons within and without circles; simple problems on the areas of squares, rectangles, parallelograms, polygons and circles; reducing complex figures to simple figures of equal areas; the construction of the ellipse, parabola, hyperbola; Ionic volute and involute of a circle; spirals; and cycloids.

Solid Geometry.

The projection of points, lines, surfaces, and simple solids at an angle to either plane of projection; envelopes of simple solids; sections of solids made by horizontal and vertical planes parallel to the H.P. and V.P.; oblique sections and their true shapes; conic sections and their true shapes; solids at angles with both planes of reference; obtaining second elevations and plans; sectional elevations and plans; the plans and elevations of intersection solids and their envelopes; spheres tangentially in contact; the construction of the helix; isometric projection; development by triangulation.

Text-book:

Sierp, A. F., *An advanced course in geometrical drawing* (Sands and McDougall).

Reference books:

Sierp, A. F., *Perspective projection* (Sands and McDougall).

Holmes, J., *Applied perspective* (Pitman).

Lee and Reekie, *Descriptive geometry for architect and builders* (Arnold).

1032. Free Drawing IA.

Lectures on lettering and layout. Outdoor sketching. Rendered studies in various media. Drawing and sketching of buildings and their components.

Reference books:

Studio Publication, *Lettering of today* (London).

Guptill, A. L., *Sketching and rendering in pencil* (Reinhold).

Guptill, A. L., *Colour in sketching and rendering* (Reinhold).

1033. Architectural History IB.

A course of lectures on the development of architecture specially adapted for students of Quantity Surveying. The course covers the architecture of Egypt, the Aegean, Greece, Rome, the Early Christians, Byzantium and of the Middle Ages.

Text-book:

Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

1034. Architectural History IIB.

Pre-requisite subject: Architectural History IB (1033).

A continuation of the course of lectures on architectural development specially adapted for students of Quantity Surveying. The lectures cover the Architecture of the Renaissance in Italy, France and England up to 1850.

The practical work consists of drawing exercises to aid the study of buildings referred to in Architectural History IB and IIB. Students must submit notebooks, sketches and drawings.

Text-book:

Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

1035. Quantity Surveying I.

Pre-requisite or concurrent subject: Building Construction and Drawing I (1024) or IA (1025).

Obtaining from plans and specifications the quantities of materials and labour necessary in the construction of architectural and engineering structures.

The use of scales, figured dimensions, plans, sections, elevations, and detailed drawings in relation to Bills of Quantities.

System of taking off and billing quantities with full descriptive meaning in the following trades in a building contract: excavating, concrete footings and ground slabs, brickwork, carpentry, plastering, paving and painting.

Reference book:

Australian standard method of measurement of building works.

1036. Quantity Surveying II.

Pre-requisite subject: Quantity Surveying I (1035).

Concurrent subject: Building Construction and Drawing II or IIA.

A continuation of the course of instruction in the preparation of Bills of Quantities with respect to the following trades: reinforced concrete, brickwork, metalwork, joinery, glazing and finishing trades including tiling, terrazzo work and other floor finishes.

Reference book:

Australian standard method of measurement of building works.

1037. Quantity Surveying III.

Pre-requisite subject: Quantity Surveying II (1036).

A continuation of the course of instruction in the preparation of Bills of Quantities with respect to the following trades: plumbing, draining, structural steel work, stonework, joinery fittings, and specialised services, including electrical and mechanical.

Reference book:

Australian standard method of measurement of building works.

1038. Estimating and Costing.

Effective hourly labour data, extras, contractor's margin data, constants for manual labour, material prices, build up of unit rates, costing analysis, aids to estimating, application of data in estimating.

Reference book:

Rea, *How to estimate.*

1039. Bookkeeping and Accounts.

The accounting functions: planning and classification, recording, reporting, analysis and interpretation. The conventional basis of accounting doctrines and techniques.

The enterprise as a separate entity; the nature of proprietorship; sole traders, partnerships, limited liability companies. The nature of capital, sources of finance. The classification of assets and liabilities.

The accounting processes. The balance sheet. Subsidiary and classified records. Cash transactions and negotiable instruments. Accrual accounting.

Costing concepts. The nature and classification of costs. The elements of cost. Simple collection and measurement of cost on a job cost basis. Office costing and expense rates.

Reporting results. Short period incomes, including the assessment of expired costs and partially earned income.

An introduction to budgetary control, financial budgets, capital budgets.

Text-book:

Baston, A., *Elements of accounts* (Cassell).

Reference books (from which specific chapters will be studied):

Goldberg, L., and Hill, V. R., *The elements of accounting*, 2nd edition (M.U.P.).

Yorston, R. K., Smyth, E. B., and Brown, S. R., *Accounting fundamentals*, 2nd edition (Law Book Co.).

Goldberg, L., *An outline of accounting* (Law Book Co.).

Yorston, R. K., Brown, S. R., and Sainsbury, H. L., *Costing procedures*, 3rd edition (Law Book Co.).

1040. Supervision—Human Relations.

The role of the supervisor, analysis of business activities, characteristics of good organization, analysis of the supervisor's job, leadership—objectives and essential qualities, development of leadership (methods of self-rating), effective speaking and written expression, principles of controlling people—personnel problems, giving orders, maintaining discipline, handling grievances, problems of transfer, promotion and dismissal, developing and maintaining work interest, incentives, employee selection and placement, starting the new employee, the supervisor as an instructor, development of understudies, policy responsibilities, creating morale.

Text-book:

Bittel, L., *What every supervisor should know* (McGraw-Hill).

Reference books:

Spriegel and Schultz, *Elements of supervision* (Wiley).

Heyel, *The foreman's handbook* (McGraw-Hill).

Maynard, *Effective foremanship* (McGraw-Hill).

1041. Design of Structures.

Pre-requisite subject: Strength of Materials (T) (1208).

An adaptation of the following course for students of Building Technology.

An introduction to the design of structures in concrete, timber and steel; the use of standard codes; design projects in concrete, steel and timber.

Reference books:

Urquhart, O'Rourke and Winter, *Design of concrete structures* (McGraw-Hill).

Gaylord and Gaylord, *Design of steel structures* (McGraw-Hill).

Pearson, Kloot and Boyd, *C.S.I.R.O. timber engineering design handbook* (M.U.P.).

1051. Electrical Engineering II (T).

Pre-requisite subjects: General Mathematics (201) and General Physics (221).

Lectures: Systems of units; standard symbols; circuit representation; resistance of conductors and insulators; circuit theorems; magnetic and electric fields; inductance; capacitance; transients; power conversion, chemical, mechanical and electrical; transmission; distribution; tariffs; lighting; d.c. machines; alternating currents; locus diagrams; polyphase systems; measurements; instruments; a.c. transformers.

Laboratory work: Circuit elements and networks on d.c. and a.c.; instrument calibrations; d.c. machines; transformers.

Text-books:

Cotton, H., *Electrical technology*, 7th edition (Pitman); or

Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering*, 7th edition (Constable).

Reference books:

Langsdorf, A. S., *Principles of d.c. machines* (McGraw-Hill).

Fitzgerald and Kingsley, *Electric machinery* (McGraw-Hill).

Lawrence, *Principles of alternating currents* (McGraw-Hill).

1052. Electrical Engineering IIA (T).

Pre-requisite subjects: General Mathematics (201) and General Physics (221).

Lectures: Based mostly on Electrical Engineering II (T) with inclusion of a.c. machines, rectifiers, to give a general coverage for students not normally proceeding to Electrical Engineering III (T).

Laboratory work: Mostly as for Electrical Engineering II (T) with inclusion of a.c. machines, rectifiers.

Text-books:

Cotton, H., *Electrical technology*, 7th edition (Pitman); or

Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering*, 7th edition (Constable).

1054. Electrical Engineering III (T).

Pre-requisite subjects: Electrical Engineering II (T) (1051) or IIA (T) (1052) and Mathematics I (Engineering) (213).

Lectures: Transformers for use at low, audio, and high frequencies under steady state and transient conditions. Harmonic analysis and applications. Rotating machines in general and synchronous, induction and commutator types in particular; rectifiers and frequency changers; transmission lines, system stability and protection, symmetrical components analysis.

Practical work: Based on lectures.

Text-books:

Fitzgerald and Kingsley, *Electric machinery* (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering*, 7th edition (Constable).

Reference books:

Langsdorf, A. G., *Theory of alternating current machinery*, 2nd edition (McGraw-Hill).

Lawrence, *Principles of alternating currents* (McGraw-Hill).

1055. Automatic Control.

Pre-requisite subjects: Electrical Engineering II (T) (1051), and Mathematics I (Engineering) (213).

Lectures: Theory of automatic control systems; application to position control (servo-mechanisms), velocity, acceleration and analogous quantities; transducers and power amplifiers; electro-mechanical analogues.

Practical work: Based on lectures, with tests on data transmission devices, rotating and magnetic amplifiers, electro-mechanical analogues, servo motors, complete control systems.

Text-books:

West, J. C., *Servomechanisms* (English University Press); or

Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).

1101. Communication Engineering I.

Pre-requisite or concurrent subjects: Electron Physics (1154) and Mathematics I (Engineering) (213).

Lectures: Characteristics of coils and condensers at radio frequencies; resonant circuits; Q factor; coupled circuits; vacuum tube characteristics; voltage amplifiers at audio and video frequencies; negative feed-back; tuned voltage amplifiers; tuned power amplifiers, oscillators; amplitude modulation; single side-band transmission; detection; frequency conversion; transistor characteristics; transistor amplifiers; analogies between electrical, mechanical and acoustical systems; microphones; loud speakers.

Practical work: Laboratory experiments on the above subject matter.

Text-book:

Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).

Reference books:

- Beranek, L. L., *Acoustics* (McGraw-Hill, 1954).
 Boone, E. M., *Circuit theory of electron devices* (Wiley, 1953).
 Corcoran, G. F., and Price, H. W., *Electronics* (Wiley, 1954).
 Kiver, M. S., *Transistors in radio and television* (McGraw-Hill, 1956).
 Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

1102. Communication Engineering II.

Pre-requisite subjects: Communication Engineering I (1101) and Mathematics I (Engineering) (213).

Lectures: Network theorems; iterative networks; wave filters; the infinite line; R.F. transmission lines; equalization; frequency and phase modulation; antennas; propagation of e.m. waves; wave guides; ultra-high-frequency generators.

Practical: Laboratory experiments on the above subject matter.

Text-books:

- Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).
 Everitt, W. L., and Anner, G. E., *Communication engineering*, 3rd edition (McGraw-Hill, 1956).

Reference books:

- Boone, E. M., *Circuit theory of electron devices* (Wiley, 1953).
 Reich, H. J., and others, *Microwave theory and technique* (Van Nostrand, 1953).
 Reintjes, J. F., and Coate, G. T., *Principles of radar* (McGraw-Hill, 1952).
 Terman, F. E., *Radio engineers' handbook* (McGraw-Hill, 1943).

1104. Applied Electronics.

Pre-requisite subject: General Mathematics (201).

Pre-requisite or concurrent subjects: Electrical Engineering II (T) or IIA (T) (1052), and Mathematics I (Engineering) (213).

Lectures: An analytical treatment of the physical characteristics and industrial applications of evacuated, gas-filled and solid-state electron devices.

First term: Electron emission; the vacuum diode; rectification; filtering; the triode, tetrode, pentode and cathode ray tube; voltage and power amplifier circuits, feedback and oscillators; conduction in gases and conduction in semi-conducting materials.

Second and third terms: The gas diode; the thyatron; controlled rectification; mercury pool tubes; multi-phase rectifier circuits; cold cathode tubes; voltage regulator circuits; controlled d.c. applications; controlled a.c. applications; electronic timing circuits; gas discharge lighting; light sensitive cells; sensors and transducers as applied to oscillography; solid-state diodes as power rectifiers and voltage regulators; transistors; the controlled solid-state rectifier; photo-conductive devices; X-rays.

Practical: Laboratory experiments on the above subject matter.

Preliminary reading:

- Hill, W. R., *Electronics in engineering* (McGraw-Hill, 1950).

Text-book:

- Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

Reference books:

- Cage, J., *Theory and application of industrial electronics* (McGraw-Hill, 1953).
 Kloeffler, R. G., *Industrial electronics and control*, 2nd edition (Wiley, 1960).
 Davis, W. L., and Weed, H. R., *Industrial electronic engineering* (Pitman, 1953).

1104A. Applied Electronics—(Short Course).

Pre-requisite or concurrent subjects: Electrical Engineering II (T) (1051) or IIA (T) (1052), and Communication Engineering I (1101).

This course consists of the second and third terms' work in Applied Electronics (1104).

Text-book:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

Reference books:

Cage, J., *Theory and application of industrial electronics* (McGraw-Hill, 1953).

Kloeffler, R. G., *Industrial electronics and control*, 2nd edition (Wiley, 1960).

Davis, W. L., and Weed, H. R., *Industrial electronic engineering* (Pitman, 1953).

1105. Electronic Engineering Design.

Pre-requisite or concurrent subject: Communication Engineering II (1102).

This subject consists of a series of lectures dealing with the design of certain pieces of electronic equipment. In addition, students will be required to design a piece of electronic equipment which could come within the scope of an electronic engineer engaged in design.

Lectures: Design consideration of rectifier and filter circuits; small power transformers; electronic voltage regulators; valve amplifiers; transistor amplifiers.

Text-books:

Ryder, J. D. *Engineering electronics* (McGraw-Hill, 1957).

Langford-Smith, *Radiotron designer's handbook*, 4th edition (Wireless Press, 1952).

Reference books:

As prescribed during the course.

1106. Electronic Measurements.

Pre-requisite or concurrent subjects: Communication Engineering II (1102) and Pulse Techniques (1107).

Lectures:

Measurements involving lumped circuit principles: Units, moving coil instruments, vacuum tube voltmeters, power level measurements, component measurement with bridges and tuned circuits, Q meters, frequency measurement, oscilloscopes, harmonic analysers, phase measurement, sinewave and pulse testing of amplifiers, noise generators and noise measurements.

Measurements involving distributed circuit principles: Low frequency transmission line measurements, bolometers, high frequency transmission line and waveguide measurement of impedance, wavelength, phase, attenuation, power and noise, cavity measurement of impedance and the measurement of antenna impedance, radiation distribution, gain and field strength.

Special instruments and applications: Students will be given an individual study topic and will present a paper on their findings.

Practical work: Laboratory work on the above subject matter.

Text-book:

Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill, 1952).

Reference books:

Gintzon, E. L., *Microwave measurements* (McGraw-Hill, 1957).

Banner, E. H. W., *Electronic measuring instruments*, 2nd edition (Chapman and Hall, 1958).

Frank, E., *Electrical measurement analysis* (McGraw-Hill, 1959).

1107. Pulse Techniques.

Pre-requisite subjects: General Mathematics (201) and Communication Engineering I (1101).

Lectures: Generation and amplification of electrical pulses; effects of circuit components on pulse wave-forms; wave-shaping circuits, delay lines; video-frequency amplification; saw tooth voltage and current generators; application to radar; television and computers.

Practical work: Laboratory experiments on the above subject matter.

Text-books:

- Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).
Farley, F. I. M., *Elements of pulse circuits* (Methuen, 1955).

Reference books:

- Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).
Jaeger, J. C., *An introduction to the Laplace transformation* (Methuen, 1959).
Radar circuit analysis (U.S.A. Airforce Manual).
Pettit, J. M., *Electronic switching, timing and pulse circuits* (McGraw-Hill, 1959).

1153. Applied Mathematics (T).

Pre-requisite subject: General Mathematics (201).

The course comprises three lectures and one tutorial class a week.

Elementary statics and dynamics of a particle and of rigid bodies.

Dynamics: Straight line motion; curvilinear motion; simple harmonic motion; rigid body motion; plane motion; force, work and energy; impulse and momentum; dynamic equilibrium.

Statics: Equilibrium conditions; friction; catenary suspensions.

Text-book:

- Singer, *Engineering mechanics*, 2nd edition (Harper).

Reference book:

- Beer and Johnson, *Mechanics for engineers* (McGraw-Hill).

1154. Electron Physics.

Pre-requisite subjects: General Mathematics (201) and General Physics (221).

Pre-requisite or concurrent subject: Mathematics I (Engineering) (213).

The course consists of one lecture, one tutorial and two hours practical work a week throughout the year.

Motion of charged particles in electric and magnetic fields; cathode-ray tubes, cyclotrons, magnetrons, mass-spectrometers, photo-electricity and photo-electric cells; photo-multipliers, photo-transistors, television camera tubes; thermionic emitters; diode characteristics; electronic phenomena in metals and in semi-conductors; characteristics of triodes and multi-electrode valves; transistor parameters; noise phenomena in valves and transistors; electric discharges in gases; commercial gas tubes.

Text-book:

- Millman, J., *Vacuum tube and semi-conductor electronics* (McGraw-Hill).

Reference books:

- Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).
Lo, Endres, Zawels, Waldhauer and Cheng, *Transistor electronics* (Prentice-Hall).
Van der Ziel, A., *Solid state physical electronics* (Macmillan).
Ryder, J. D., *Electronic engineering principles*, 2nd edition (Pitman, 1953).
Shive, J. N., *The properties, physics and design of semi-conductors* (Van Nostrand).

1201. Mechanical Engineering I (T).

Pre-requisite subjects: Leaving Mathematics I and II, Physics and Chemistry.

Laws of perfect gases and vapours; steady-flow and non-flow processes; elementary heat engine cycles; principles of operation of heat engines; elements of control and instrumentation; measurement of work and power; testing; study of reports of engine trials; elements of heat transfer and heat transfer equipment—boilers, condensers, evaporators, heaters; auxiliary plant—valves, pumps, economisers, feed heaters, de-aerators; elements of combustion; fuels, air compressors; refrigerating plant.

Text-books:

Walshaw, A. C., *Heat engines*, 4th edition (Longmans, 1956).

Callendar, H. L., and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 4th edition (Arnold, 1947).

Reference books:

As prescribed during lectures.

1202. Mechanical Engineering II (T).

Pre-requisite subjects: General Mathematics (201), Chemistry I (231) or IA (232), and *either* General Physics (221) *or* Mechanical Engineering I (T) (1201).

Fundamental laws of thermodynamics; Carnot's principle, reversibility; availability of energy; kinetic theory; internal energy; entropy and enthalpy, thermodynamic relations; ideal heat-engine cycles; gas compressors and pumps; properties of vapours and gas-vapour mixtures; flow and non-flow processes; vapour charts and tables; ideal, hypothetical and practical cycles; flow through orifices and nozzles; critical pressure ratio; stagnation quantities; supersaturation; Rankine cycle; engines; turbines; reheating; feed-heating; elements of refrigeration; principles of combustion; elements of heat transfer; dynamics of engines; valve motions; control mechanisms; flywheels; elementary balancing.

Laboratory work based on the above; report writing.

Text-book:

Robinson, W., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).

1203. Mechanical Engineering III (T).

Pre-requisite subjects: Mathematics I (Engineering) (213), Applied Mathematics (T) (1153), Strength of Materials (T) (1208) and *either* Mechanical Engineering II (T) (1202) *or* Refrigeration Engineering II. (1205).

Lectures: Fluid mechanics; mechanics of incompressible and compressible fluids; general equations of motion; dynamic similarity for inertia, gravity and viscous forces; laminar and turbulent flow; boundary layer; steady flow through orifices, nozzles, pipes and open channels; theory and operation of hydraulic machines and special problems associated with steam and gas turbines; advanced thermodynamics; applications of principles of thermodynamics; partial differential relations; binary vapours; heat transfer; refrigeration; power plant economy; friction and lubrication; vibration; stresses in rotors.

Practical work based on the above.

A reading guide will be supplied at the beginning of the course.

Text-books:

Shepherd, D. G., *Principles of turbo-machinery* (Macmillan).

Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).

Reference book:

Walshaw, A. G., *Applied thermodynamics* (Blackie, 1953).

1204. Refrigeration Engineering I.

Pre-requisite subjects: Leaving Mathematics I and II, Physics and Chemistry.

Laws of energy transformation; properties of working fluids; modes of heat transfer; boilers, pre-heaters, economizers, superheaters, evaporators; water treatment; fuel and combustion; boiler efficiency and combustion calculations; steam engines, efficiencies and construction; steam turbines; impulse and reaction; turbine constructional details; condensers, cooling towers, and ponds; internal combustion engines; gas, petrol, and compression ignition; air compressors and pumps; refrigeration applications, air conditioning, food preservation, industrial processes; historical development; refrigerant properties, charts and tables; simple and reversed cycles; evaporators, compressors, condensers; valves, stop needle, float and thermostatic; absorption and adsorption systems; air conditioning principles, psychrometry; instruments.

Text-books:

Lecturer's Notes.

Walshaw, A. C., *Heat engines*, 4th edition (Longmans, 1956).

Mayhew, Y. R., and Rogers, G. F. C., *Thermodynamic properties of fluids and other data, British thermal units*, 2nd edition (Blackwell, 1957).

Reference books:

As prescribed during lectures.

1205. Refrigeration Engineering II.

Pre-requisite subjects: General Mathematics (201); Chemistry IA (232); General Physics (221) and Refrigeration Engineering I (1204).

Lectures: Thermodynamics of gases and vapours; gas compression; introduction to thermodynamics of prime movers; refrigeration thermodynamics; properties of primary and secondary refrigerants, operation and testing of plant; elementary heat transfer; psychrometry.

Practical work: Instrumentation. Testing of prime movers and refrigerating machines.

Text-books:

Robinson, W., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).

Jordan, R. C., and Priestler, G. B., *Refrigeration and air conditioning*, 2nd edition (Constable, 1957).

Bureau of Standards, Circular No. 142, *Thermodynamic properties of ammonia* (1945).

1206. Refrigeration Engineering III.

Pre-requisite subjects: Refrigeration Engineering II (1205), and Chemistry I, Organic (T) (1268).

Lectures: Heat transfer, promotion, and prevention; advanced refrigeration theory, compound cycles; low temperature production; liquid refrigerant reticulation; absorption and adsorption machines; water vapour refrigeration; heat pumps; air conditioning; microbiology—the nature, distribution, detection, and identification of micro-organisms; destroying agencies; sterility; microflora of vegetables and fruit, causes of spoilage, methods of preservation; causes of spoilage, methods of preservation of meat and fish, dairy produce, labile biological products; air sterilization; water purification.

Practical work: Refrigeration—40 hours a year by arrangement; Microbiology—20 hours a year by arrangement; experimental work related to lectures; visits of inspection to selected factories.

Text-books:

As for Refrigeration Engineering II, and
Sparks, N. R., and Di Ilio, C. C., *Mechanical refrigeration*, 2nd edition (McGraw-Hill).

Brown, A. I., and Marco, S. M., *Introduction to heat transfer*, 3rd edition (McGraw-Hill, 1958).

American Society of Refrigerating Engineers, *Data book*, design volume, 10th edition, 1957-58.

Reference books:

As prescribed during lectures.

1207. Machine Design.

Pre-requisite subjects: Engineering Drawing and Design II (1213), Strength of Materials (T) (1208), Mathematics I (Engineering) (213), and *either* Mechanical Engineering II (T) (1202) *or* Refrigeration Engineering II (1205).

Lectures: General design principles; fatigue; stress concentration; impact; combined stresses; failure theories; gears—kinematics of involute teeth, strength and wear resistance of spur, bevel and worm gears; parts of reciprocating engines; journal bearings; velocity and acceleration diagrams; simple mechanisms; cams; dynamics of machines; balancing; linear and torsional vibrations; epicyclic gears.

Drawing Office: Project work supplementing lectures covering the design and drawing of mechanical units.

Text-books:

Those prescribed for Engineering Drawing and Design II (1213), and in addition:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International) *and*

Bevan, T., *The theory of machines*, 3rd edition (Longmans).

Reference books:

Marks, L. S., *Mechanical engineers handbook*, 6th edition (McGraw-Hill), B.S.I. Specifications:

Machine cut gears (Helical and Straight Spur) No. 436-1940.

Bevel gears No. 545-1949.

Machine cut gears (Worm Gearing), No. 721-1937.

Tuplin, W. A., *Machinery's gear design handbook*, 2nd edition (1950) (Machinery Publishing Co., London).

Merritt, H. E., *Gears*, 3rd edition (Pitman, 1958).

1207A. Machine Design Project.

Pre-requisite subjects: Engineering Drawing and Design II (1213), Strength of Materials (T) (1208), Mathematics I (Engineering) (213), and *either* Mechanical Engineering II (1202) *or* Refrigeration Engineering II (1205).

Lectures: As for Machine Design (1207).

Drawing Office: Project work supplementing lectures.

Project: The design of an approved prime mover, compressor, refrigerator or similar unit.

Text-books:

As for Machine Design (1207).

Reference books:

As for Machine Design (1207).

1208. Strength of Materials (T).

Pre-requisite subjects: General Mathematics (201); Applied Mathematics (T) (1153), must be taken concurrently if not already passed.

Lectures: Elastic stress and strain; normal and shear stresses; plane stress; principal stresses and strains; Mohr's circle; mechanical properties of materials; testing of materials; failure of materials under combined stresses; failure theories; fatigue; homogeneous straight beams; shear force and bending moment diagrams; normal and shear stresses; moment of resistance; built-up beams; deflection of beams; fixed end and continuous beams; columns; Euler's formula; empirical formulae; eccentric loading; torsion of round shafts including shear stresses and angular deflection; framed structures; elements of graphic statics; Maxwell's reciprocal diagrams; design of joints, tension and compression members; reinforced concrete columns, beams and tee-beams; bending of beams by loads not in plane of a principal axis; strain energy; application to simple problems; stress concentration; elements of experimental stress analysis.

Practical work: Mechanical testing of materials of construction; application of work covered in lectures to design problems, with special emphasis on graphical and experimental solutions.

Text-book:

Trathen, R. H., *Statics and strength of materials* (Wiley, 1954).

Reference books:

S.A.A. Codes:

Metallic arc welding S.A.A. Int. 352.

Structural steel in building S.A.A. Int. 351.

Concrete in building C.A.2 - 1958.

Den Hartog, J. P., *Strength of materials* (McGraw-Hill).

Shanley, F. R., *Strength of materials* (McGraw-Hill).

1209. Materials and Structures.

Pre-requisite subject: General Physics (221).

Lectures: Behaviour of materials under simple stress; bending moments and shear forces; flexural and shear stresses; framed structures, calculation of forces in members; columns under axial and eccentric loads, design of lattice bars and batten plates; riveted joints, cleats and similar fastenings; welded joints; reinforced concrete, design of columns, rectangular and T beams, bond and shear; stability of structures; deflection of beams; beams with fixed ends; continuous beams.

Practical work: Students are required to attend demonstrations at the laboratory and record observations on a series of tests of materials. They are also required to prepare a complete design of an approved structure such as a roof truss.

Text-book:

Morgan, W., and Williams, D. T., *Structural mechanics* (Pitman, 1958).

Reference books:

Parker, H., *Simplified mechanics and strength of materials* (Wiley, 1951).

Harris, E. C., *Elements of structural engineering* (Ronald, 1954).

S.A.A. Codes:

Metallic arc welding S.A.A. Int. 352.

Structural steel in building S.A.A. Int. 351.

Minimum design loads on buildings S.A.A. Int. 350.

Concrete in building C.A.2 - 1958.

1211. Hydraulics (T).

Pre-requisite subject: General Physics (221).

Pre-requisite or concurrent subjects: Applied Mathematics (T) (1153), and Mathematics I (Engineering) (213).

Lectures: Properties of fluids; hydrostatics; laws governing fluids in motion; flow measurement; flow in pipes and open channels; dimensional analysis; laws of similarity and hydraulic models; hydraulic turbines and centrifugal pumps; water hammer; hydrology.

Practical work: Nine sessions in the laboratory covering measurement of flow and tests on hydraulic machinery.

Reference books:

Daugherty, R. L., and Ingersoll, A. C., *Fluid mechanics* (McGraw-Hill, 1954).

Francis, J. R. D., *A text-book of fluid mechanics* (Arnold, 1958).

Australian rainfall and run-off (The Institution of Engineers, Australia, 1958).

1212. Engineering Drawing and Design I.

Pre-requisite subjects: Leaving Mathematics I and II.

The course comprises plane and solid geometry, perspective drawing, and dimensioned sketching. Students are advised not to purchase any instruments or drawing paper until after the first lecture.

Plane Geometry: Instruments and their uses; line types and their uses; division of lines and angles; scales; polygons; tangents to circles, curves in contact; construction for ellipse, parabola, hyperbola, involutes, cycloids.

Solid Geometry: First and third angle projections of points, lines, surfaces, and simple solids; true shapes of surfaces in any plane applied to pyramids and cones; true lengths of lines applied to surface development; plans and elevations of intersecting solids and their envelopes; stretch-outs of pipes; development of irregular surfaces by triangulation; auxiliary projection and rotation; isometric, dimetric, and trimetric projections and drawings of simple parts.

Perspective: A brief outline of the principles of perspective drawing; definitions and terms.

Dimensioned Sketching: Freehand sketching of simple parts showing views and sections necessary to portray the object completely; dimensioning of sketches.

Text-books:

Zozzora, F., *Engineering drawing*, second edition (McGraw-Hill, 1958).
B.S.308: 1953, *British standard drawing practice*.

1213. Engineering Drawing and Design II.

Pre-requisite subjects: Engineering Drawing and Design I (1212), General Mathematics (201). If *either* Structures I (T) (1001) *or* Strength of Materials (T) (1208) *or* Materials and Structures (1209) has not been passed, it must be taken concurrently.

Lectures: The design of simple machine elements; general principles of detail design; the influence of manufacturing processes in design; thin cylinders; riveted joints; welded joints; bolted joints; limits and fits; design of shafts subjected to bending and torsion; keys; couplings; clutches; ball and roller bearings (introductory treatment only); flat and vee-belt drives; rope and chain drives; lifting chains and ropes; springs; brakes; curved beams; thick cylinders; shrink fits.

Drawing Office: Sketching from engineering models; preparation of working drawings; project work covering the design and drawing of machine elements and simple assemblies.

Text-books:

Faires, V. M., *Design of machine elements*, 3rd edition (Macmillan, 1955).
Faires, V. M., *Problems on the design of machine elements*, 3rd edition (Macmillan, 1955).
B.S.S. 1916: Part 1: 1953, *Limits and fits for engineering*.
B.S.S. 1916: Part 2: 1953, *Guide to selection of limits and fits*.
B.S.S. 308: 1953, *Engineering drawing practice*.

Reference books:

S.A.A. CBI-1952, *Boiler code*.
S.A.A. Int. 351, *Structural steel in building*.
S.A.A. Int. 352, *Metallic arc welding*.

1214 Workshop Practice I.

This course is an introduction to workshop practices, and consists of one lecture and three hours practical work a week throughout the year.

The course covers the following topics: Fundamentals of workshop organization, common operations and processes, pattern making, foundry work, machine shop practices, boiler-making, safety principles, standard hand tools and parts. Methods of fabrication, arc, gas, and spot welding; flame-cutting and hard surfacing; pressings and forgings. Demonstration of more advanced machine shop techniques.

Reference books:

Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry* (Wiley).
Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

1215. Workshop Practice II.

Pre-requisite subject: Workshop Practice I (1214). A more advanced course in machine shop practice, consisting of lectures, practical work and demonstrations.

Lectures: Gearing theory; manufacture and methods of finishing; metal removal and metal forming; use of abrasives; heat treatment and procedures for steels, furnaces, hardness testing; oxy-welding, cutting and applications; electric welding; laying-out work; coolants and cutting compounds; cutting tool practice; form tools; broaches and broaching; fundamentals of toolmaking; types of tooling; gauges; presses and press-tools.

Reference book:

Ford, *Shop theory*.

1216. Principles of Business and Industry.

A study of the elements of: the law of contracts; principal and agent; sale of goods; negotiable instruments; insurance; bailment; bills of sale; liens; guarantee; workmen's compensation; Registration of Business Names Act.

The various forms of business organization: sole trader; partnership; companies—public, private, no-liability, holding and subsidiary; government and semi-government.

The various methods of financing business: capital—ordinary, preference, deferred—Governor's shares; borrowing—debentures, unsecured notes, mortgages, overdrafts, hire purchase, bills of exchange; functions of Stock Exchange, finance houses, banks; consideration will be given to provision of permanent or long term capital, as well as to working or short term capital; the effects of price variations on depreciations, stocks, etc.; the financing of government and semi-government enterprises; an understanding of published financial statements—income statements, cash statements, balance sheets; distinction between revenue and capital; records generally—purpose of and connection between—forms or vouchers and final costs and statements, forms or vouchers and statistical records, with emphasis on lines of authority; budgeting within the business—its purpose and method; costing—elementary principles of historical, job, process and standard costing.

Text-book:

First term—Yorston and Fortescue, *Australian mercantile law*, latest edition.
Other books will be notified in class.

1251. Analytical Chemistry.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234).

Lectures: One hour a week throughout the year dealing with the electrochemical methods of analysis—polarography, potentiometry, conductometric analysis, and electrodepositions; emission spectroscopy; colorimetry, absorptiometry, spectrophotometry; radio-activity as an analytical tool; ion exchange, chromatography, extraction analysis, thermal analysis, semi-micro analysis, and titrimetric and gravimetric procedures using novel reagents or techniques.

Practical work: Three hours a week throughout the year of quantitative laboratory work designed to illustrate the principles and use of the above techniques.

Text-book:

Ewing, G. W., *Instrumental methods of chemical analysis* (McGraw-Hill, 1960).

Reference books:

Vogel, A. I., *A textbook of quantitative inorganic chemistry*, 2nd edition (Longmans, 1951).
Belcher, R., and Godbert, A. L., *Semi-micro quantitative organic analysis*, 2nd edition (Longmans, 1954).

1254. Extractive Metallurgy I.

Pre-requisite subjects: Physical and Inorganic Chemistry IIA (234) and Process Technology I (1257).

Lectures: Two hours a week throughout the year dealing with the unit processes of pyrometallurgy (drying, calcining, roasting, sintering and agglomeration, smelting, converting and refining), hydrometallurgy (leaching, separation and precipitation), and electrometallurgy. Attention is given to plant operation and performance although the treatment is based essentially on physico-chemical principles. Seminar: 1 hour per week.

Practical work: Three hours a week throughout the year of quantitative laboratory (bench scale) work designed to illustrate the principles of unit processes in extractive metallurgy.

Text-books:

Hopkins, D. W., *Physical chemistry and metal extraction* (Garnet Miller, 1954).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman, 1954).

Bray, J. L., *Ferrous production metallurgy* (Wiley, 1942).

Reference books:

Bray, J. L., *Non-ferrous production metallurgy* (Wiley, 1941).

van Arsdale, G. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).

Mantell, C. L., *Industrial electrochemistry* (Wiley, 1940).

Butts, A., *Metallurgical problems* (McGraw-Hill, 1943).

1255. Extractive Metallurgy IA.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234).

Lectures and Practical work: A limited treatment of Extractive Metallurgy I (1254) amounting to one hour's lecture and three hours' practical work a week throughout the year.

Text and reference books:

As for Extractive Metallurgy I (1254).

1256. Industrial Instrumentation.

Pre-requisite subjects: Chemistry I (231) or IA (232) and General Physics (221).

Lectures: One hour a week throughout the year providing an introduction to industrial instrumentation. The subject matter of the lectures deals with the means used for making measurements of industrial interest and discusses the characteristics of the systems and circuits used. An introduction to the field of automatic process control is given.

Practical work: Three hours a week throughout the year devoted to a course of experiments designed to illustrate the course of lectures.

Text-books:

Eckman, D. P., *Industrial instrumentation* (Wiley, 1951).

Eckman, D. P., *Principles of industrial process control* (Wiley, 1945).

Reference book:

Young, A. J., *An introduction to process control system design* (Longmans, 1955).

1257. Process Technology I.

This course is the same as Process Engineering I (461), a course for the B.E. degree in Metallurgical and Chemical Engineering.

Pre-requisite subjects: Chemistry IA (232) and General Physics (221).

Lectures and demonstrations: Three lectures a week for one term and two lectures a week for two terms, comprising an introduction to the unit processes and operations of chemical and metallurgical engineering, together with illustrated films and visits to industrial works. The subject matter is dealt with in three parts: approximately 30 lectures are devoted to unit operations (including mineral dressing), 18 lectures to unit processes (chemical — inorganic and organic) and 13 lectures to unit processes (metallurgical — extractive).

Text-book:

Bailey, A. R., *Text-book of metallurgy*, 2nd edition (Macmillan, 1960).

Reference books:

Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill, 1956).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Pryor, E. J., *Mineral processing* (Mining Publications Ltd., 1960).

Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).

Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press, 1954).

Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vol. I (McGraw-Hill, 1945).

Riegel, E. R., *Chemical machinery 1944* (Reinhold).

1258. Process Technology II.

Pre-requisite subjects: Applied Physical Chemistry (468), Organic Chemistry IIA (236A) and Process Technology I (1257), and Mathematics I (Engineering) (213).

Lectures: Two hours a week throughout the year dealing with mass and energy balances, phase and reaction equilibria, and reaction kinetics as applied to selected inorganic and organic unit processes.

Practical work: One day a week throughout the year devoted to bench scale projects designed to illustrate the salient features of inorganic and organic unit processes.

Reference books:

Mantell, C. L., *Industrial electrochemistry*, 3rd edition (McGraw-Hill, 1950).

Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, Vol. 1, 2nd edition (Wiley).

Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).

Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).

Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill, 1956).

Groggins, P. H., *Unit processes in organic syntheses*, 5th edition (McGraw-Hill, 1958).

1259. Unit Operations.

Pre-requisite subjects: Applied Physical Chemistry (468) and Process Technology I (1257).

Lectures: One hour a week throughout the year dealing with the theory of fluid flow; heat transfer; evaporation; distillation; absorption; extraction; humidification and air conditioning; drying; filtration; size reduction and separation.

Practical work: Three hours' work a fortnight with laboratory apparatus designed to illustrate the principles of unit operations.

Tutorials: Three hours' a fortnight on the solution of problems designed to illustrate the principles discussed in the lectures.

Text-book:

Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

Reference books:

Brown, G. G., *Unit operations* (Wiley, 1950).

Perry, J. H., *Chemical engineers handbook*, 3rd edition (McGraw-Hill).

McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Coulson, J. M., and Richardson, J. F., *Chemical engineering*, Vols. 1 and 2 (Pergamon, 1954).

McAdams, W. H., *Heat transmission*, 3rd edition (McGraw-Hill).

Treybol, R. E., *Mass transfer operations* (McGraw-Hill, 1956).

1262. Physical Metallurgy Project.

Pre-requisite or concurrent subject: Physical Metallurgy II (1264).

Six hours a week for three terms devoted to literature reviews, a short-term research project, the writing of metallurgical reports and preparation of metal specifications.

1263. Physical Metallurgy I.

Pre-requisite subjects: Engineering Materials (1272) and Chemistry IIA (235B).

Lectures: A course of approximately 30 lectures covering: hardenability of steels; mechanism of decomposition of austenite and the functions of alloying elements in steels; ternary equilibrium systems; advanced treatment of corrosion and protection, surface treatment of metals and alloys; precipitation hardening; mechanism of graphite formation in cast irons; theory of dislocations; fundamentals of crystallography; X-ray diffraction methods and the determination of crystal structure.

Practical work: Three hours a week throughout the year dealing with advanced metallography and photography; X-ray diffraction techniques.

Text-books:

Boas, W., *An introduction to the physics of metals and alloys* (M.U.P., 1947).

Hollomon, J. H., and Jaffe, L. D., *Ferrous metallurgical design* (Wiley, 1947).

Reference books:

Barrett, C. S., *Structure of metals* (McGraw-Hill, 1953).

Masing, G., and Rogers, B. A., *Ternary systems* (Reinhold).

Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).

1264. Physical Metallurgy II.

Pre-requisite or concurrent subjects: Applied Physical Chemistry (468), Physics B (Engineering) (222B), Physical Metallurgy I (1263), and Electrical Engineering IIA (T) (1052).

Lectures: A course of approximately 30 lectures dealing with: significance of mechanical test results, non-destructive test methods, theory and use of strain gauges; preparation of metal specifications; industrial instrumentation and control; high vacuum technique; induction heating; high temperature techniques; electron theory of metals and alloys; application of X-ray diffraction methods to metallurgical problems; deformation and fracture; dislocation theory.

Practical work: Three hours a week throughout the year devoted to experiments designed to illustrate the subject matter of the lectures.

Text-book:

Cottrell, A. H., *Theoretical structural metallurgy* (Arnold, 1956).

Reference books:

Barrett, C. S., *Structure of metals* (McGraw-Hill, 1953).

Hume-Rothery, W., and Raynor, G. V., *Structure of metals and alloys* (Institute of Metals).

A.S.M.E. Handbook, *Metals engineering design* (McGraw-Hill, 1953).

Campbell, I. E., *High temperature technology* (Wiley, 1956).

Hanstock, R. F., *Non-destructive testing* (Institute of Metals).

1265. Metal Fabrication.

Pre-requisite subject: Engineering Materials (1272).

Lectures: One hour a week throughout the year dealing with the mechanical working and joining of commercial metals and alloys.

Practical work: Three hours a week for one term (demonstrations and plant visits).

Text-books:

Wulff, J., Taylor, H. F., and Shaler, A. J., *Metallurgy for engineers* (Wiley, 1952).

Baker, H. Wright, *Modern workshop technology* (Cleaver-Hume).

Reference books:

Metals handbook, 1948 edition (American Society for Metals).

Sachs, G., *Fundamentals of the workings of metals* (Pergamon).

1266. Foundry Practice.

Pre-requisite subject: Engineering Materials (1272).

Lectures: One hour a week throughout the year dealing with the melting and casting of cast iron, steel and the common non-ferrous alloys; moulding methods; properties and testing of foundry sands; die casting.

Practical work: Three hours a week for two terms of experiments designed to illustrate the subject matter of the lectures.

Text-books:

Wulff, J., Taylor, H. F., and Shaler, A. J., *Metallurgy for engineers* (Wiley, 1952).

Heine, R. W., and Rosenthal, P. C., *Principles of metal casting* (McGraw-Hill, 1956).

Reference book:

Metals handbook, 1948 edition (American Society for Metals).

1267. Industrial Economics.

Pre-requisite subject: Process Technology I (1257).

Lectures: One hour a week for two terms dealing with the presentation of technical results and literature searches, elementary business principles, and an introduction to industrial economics.

Reference books:

Rhodes, F. H., *Technical report writing* (McGraw-Hill, 1941).

Graves, R., and Hodge, A., *The reader over your shoulder* (Cape, 1943).

Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).

Burnham, T. H., *Engineering economics*, Vols. 1 and 2 (Pitman, 1944).

Campbell, W., *Business practice and principles*, Part I, 2nd edition (Pitman).

Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).

1270. Chemistry I (Organic) (T).

Pre-requisite subjects: Intermediate Chemistry or Intermediate General Science I and II.

General organic chemistry including introductions to valence theory of carbon compounds; aliphatic and aromatic organic chemistry.

Text-book:

English, J., and Cassidy, H. G., *Principles of organic chemistry* (McGraw-Hill).

1271. Assaying.

Pre-requisite subjects: Chemistry IA (232) and Geology IA (251A).

The course consists of three hours a week throughout the year of theoretical and practical instruction in the quantitative analysis, including fire assaying of typical ores, metals and alloys.

Text-book:

Bugbee, E. E., *Text-book of fire assaying* (Wiley).

Reference book:

Young, R. S., *Industrial inorganic analysis* (Chapman and Hall).

1272. Engineering Materials.

Pre-requisite subjects: General Physics (221) and Chemistry IA (232) or Leaving Honours Physics and Chemistry.

The course consists of two lectures and two hours demonstration and tutorial work a week throughout the year.

The course covers the following topics: Metallic materials: the metallic bond; structure of metals and alloys; shaping and joining metals; mechanical testing; metallography of commercially important alloys, electrical and magnetic alloys; properties, applications and heat treatment of structural, constructional and tool steels; corrosion. Non-metallic materials: the physical and chemical properties of ceramic materials, cement, glass, plastics, elastomers, fuels, lubricants, protective coatings, semiconductor materials, water treatment, wood, adhesives.

The demonstrations and tutorials are designed to illustrate the subject matter of the lecture course.

Text-books:

Jastrzebski, Z. D., *Nature and properties of engineering materials* (Wiley, 1959); or

Van Vlack, *Elements of materials science* (Addison-Wesley, 1959).

Reference books:

Nord, M., *Text-book of engineering materials* (Wiley, 1952).

Rollason, E. C., *Metalurgy for engineers* (Arnold, 1949).

Simmott, M. J., *The solid state for engineers* (Wiley, 1958).

Goldman, J. E. (ed.), *The science of engineering materials* (Wiley, 1957).

Leighou, *Chemistry of engineering materials* (McGraw-Hill).

Norton, *Refractories* (McGraw-Hill).

Metals handbook, 1948 edition (American Society of Metals).

1280. Industrial Microbiology I

Pre-requisite subjects: Biology (269), General Physics (221) and Chemistry IA (232).

Introduction to the moulds, yeasts, bacteria and viruses through a study of their morphological and physiological characters, and their classification. The growth and death of micro-organisms and the principles of sterilisation, disinfection and chemotherapy. An introduction to infection, immunity and serology with special reference to bacterial food poisoning and other infections spread by food and water, methods of prevention, infections of food animals. The microbial flora of the human body. Introduction to the microbiology of milk and water, quality control and methods of treatment, sewage and trade waste disposal, the microbiology of air and soil.

Practical work includes microscopy and the handling of selected preparations of typical moulds, yeasts, bacteria and viruses; staining, cultivation, isolation and identification of these micro-organisms; elementary investigations of certain physiological activities such as fermentation or proteolysis; the preparation of culture media; the use of various methods of sterilisation and disinfection; tests for sterility, disinfectant testing and tests for antibiotic action; investigations of the micro-flora of milk, water, air, soil and sewage; standard tests for quality of milk and water; elementary techniques for handling animal viruses and bacteriophages. Elementary serological tests.

Text-book:

Prescott, S. C., and Dunn, C. G., *Industrial microbiology*, 2nd edition (McGraw-Hill, 1949).

Reference books:

Chalmers, C. H., *Bacteria in relation to milk supply* (Arnold).

Hammer, B. W., *Dairy bacteriology*, 3rd edition (Wiley, 1948).

Waksman, S. A., *Soil microbiology* (Wiley).

Oginsky, E. L., and Umbrert, W. W., *An introduction to bacterial physiology* (Freemantle, 1954).

1281. Industrial Microbiology II

Pre-requisite subject: Industrial Microbiology I (1280).

More advanced study of the physiology and metabolism of micro-organisms including bacteriophage; variation and adaptation in micro-organisms and elementary microbial genetics; microbiological assay. The composition and microbiology of common foodstuffs; the principles of food preservation; food spoilage and its prevention. Industrial fermentations; their micro-flora and their control. The edible fungi. Historical outline of the development of microbiology especially in relation to fermentations and food preservation.

Practical work includes a study of microbial associations and antagonisms and microbial variation, microbiological assay of vitamins and antibiotics. Investigations of the micro-flora of common foodstuffs; laboratory scale food-processing; investigations of spoiled foods. Laboratory scale investigations of typical fermentation and other microbiological processes used in industry. Excursions to various factories.

1282. Honours Courses in Applied Science.

Candidates may choose one of Applied Chemistry, Extractive Metallurgy, Mineral Dressing and Physical Metallurgy as a principal subject. The course will consist of lectures, seminars and courses of reading in advanced aspects of the principal subject and in such other subjects as the Head of the Department may deem necessary. Each candidate will be required to give all the time not required for lectures to research and design projects. Candidates may be required to satisfy the examiners that they have a reading knowledge of French and German.

TIME-TABLES FOR 1961

By decision of the Council, classes in most Faculties that would normally have been held between 2 p.m. and 5 p.m. on Monday and Friday afternoons will be held between 2.30 p.m. and 5.30 p.m.

Students should therefore make appropriate adjustments in the time-tables published in the following pages.

TIME-TABLES FOR 1961
FACULTY OF ARTS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
1	Elementary Greek	≠	≠	≠	≠	≠
2	Greek I	—	9	—	9	—
3	Greek II	11*	10	—	10, 11*	—
3	Greek III	—	10	—	—	—
5	Latin I	—	11	11†	—	11
6	Latin II	5.15-6.15	—	—	5.15-7.15	—
7	Latin III	11**	12	—	11**, 12	—
8	Latin III	11***, 12**	12	12**	11***, 12	—
8	Ancient History	11	—	—	11	—
9	Comparative Philology	5.15	—	—	5.15	—
21	English I	—	12	—	—	12
22	English II	—	5.15	—	—	5.15
23	English III	—	11	11	—	11
24, 25	Old and Middle English I and II	≠	≠	≠	≠	≠
31	French I	—	10	10	—	10
32	French II	—	6.15	6.15	—	6.15
33	French III	10	—	—	10	—
35, 36	Old and Middle French I and II	—	9	—	—	9
40	German IA	≠	9	9	≠	9, 10
41	German I	2	4.15	—	10	—
42	German II	—	4.15	5.15	—	5.15
43	German III	—	5.15	—	4.15	5.15
44	Older German I	4.15	—	4.15	—	4.15, 5.15
45	Older German II	4.15, 5.15	—	—	5.15	4.15, 5.15
49	Scientific German	—	12	—	2	—
51	History IA	—	4.15†, 6.15†	—	—	4.15†, 6.15†
52	History IB	9	—	9	—	—
53	History IC	3	—	—	3	—
54	History IIA	—	—	12	11*	12
55	History IIB	5.15	—	—	5.15	—
56	History IIIA	6.15	—	—	6.15	—
57	History IIIB	11, 5.15†	—	—	11, 5.15†	—
61	Politics I	4.15	—	—	4.15	—
62	Politics IIA	—	9	—	—	9
63	Politics IIB	—	7.15	—	—	7.15
64	Politics IIIA	6.15	—	—	6.15	—
65	Politics IIIB	9	—	—	9	—
71	Philosophy I	6.15	—	—	6.15	—
72	Philosophy II	10	—	—	10	—
74	Philosophy IIIA	5.15	5.15	—	—	5.15
75	Philosophy IIIB	—	10	—	—	10
80	Psychology IA	5.15	—	—	5.15	—
81	Psychology I	5.15	—	—	5.15	—
82	Psychology IIA—Lectures	4.15	—	5.15	—	—
	Psychometrics	11	2	—	—	—
	Laboratory—Odd Years	6.15-9.15	—	—	—	4.15
	Laboratory—Even Years	—	—	—	9-12	—
83	Psychology IIB—Lectures	11	2	5.15	—	—
	Psychometrics	4.15	—	—	—	4.15
	Laboratory—Odd Years	—	—	—	9-12	—
	Laboratory—Even Years	6.15-9.15	—	—	—	—
84	Psychology IIIA—Lectures	—	—	2	11	—
	Psychometrics	5.15	—	4.15	—	—
	Laboratory—Odd Years	—	—	9-11	2.15-4.15	—
	Laboratory—Even Years	—	4.15-6.15	—	4.15-6.15	—
85	Psychology IIIB—Lectures	5.15	—	4.15	—	—
	Psychometrics	—	—	—	11	—
	Laboratory—Odd Years	—	—	—	—	4.15
	Laboratory—Even Years	—	4.15-6.15	—	4.15-6.15	—
	Even Years	—	—	9-11	2.15-4.15	—

For those subjects in which tutorials and/or laboratory work are given, times will be arranged at the commencement of lectures.

* First term only
** Second term only
*** Third term only

† Alternatives
‡ Times to be arranged
‡ 5.15 first term, 11 or 5.15 second and third terms.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
91	Geography I—Lectures Day	11	—	—	11	—
	Night	—	5.15	—	—	5.15
	Practical (one hour)	≠	≠	≠	≠	≠
92	Geography II—Lectures Odd Years	10	—	10	—	10
	Even Years	4.15	—	—	4.15	4.15
	Practical (two hours)	≠	≠	≠	≠	≠
93	Geography III—Lectures	4.15	—	4.15	—	4.15
	Practical	—	4-6.30†	—	4-6.30†	Saturday 9-11.30†
95	Economic Geography Odd Years	—	7.15	—	—	7.15
	Even Years	—	9	—	9	—
101	Education Day	—	2	—	—	—
	Night	—	5	—	—	—
105	Hygiene	9†	—	—	—	6.15†
106, 107	Principles of Pre-Primary Education	—	—	—	—	—
107A, 108	I, II, IIA, and III	≠	≠	≠	≠	≠
109, 110	Principles of Primary Education I, II,	—	—	—	—	—
110A, 111	IIA and III	≠	≠	≠	≠	≠
112, 113	Principles of Secondary Education I,	—	—	—	—	—
113A, 114	II, IIA and III	≠	≠	≠	≠	≠
116	Educational Psychology I	≠	≠	4.30	—	≠
117	Educational Psychology II	—	—	—	—	—

For those subjects in which tutorials and/or laboratory work are given, times will be arranged at the commencement of lectures.

† Alternatives

≠ Times to be arranged

FACULTY OF ECONOMICS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
150	Social Economics—Even Years ..	5.15	—	—	5.15	—
	Odd Years	—	—	12	—	12
151	Economics I—Even Years	5.15	—	—	5.15	—
	Odd Years	—	—	12	—	12
152	Economics II—Even Years	—	—	10	—	10
	Odd Years	—	—	5.15	—	5.15
153	Economics III—Even Years	—	—	—	—	—
	Part A	—	—	5.15	—	5.15
	Part B (Public Finance)	—	6.15	—	—	—
	Part C (Economics of Labour) ..	5.15	—	—	—	—
	Part D (Agricultural Economics) ..	≠	≠	≠	≠	≠
	Odd Years	—	—	—	—	—
	Part A	—	—	10	—	10
	Part B (Public Finance)	—	—	5.15	—	—
	Part C (Economics of Labour) ..	—	10	—	—	—
	Part D (Agricultural Economics) ..	10	—	—	—	—
154	Economic Development I—Even Years	—	—	6.15	6.15	—
	Odd Years	—	10	—	10	—
155	Economic Development II	—	—	—	—	—
	Even Years	—	11	—	—	11
	Odd Years	5.15	—	5.15	—	—
156	Agricultural Economics	—	—	4	—	—
157	Economic Theory	—	2.15	—	2.15	—
158	Honours Economics	≠	≠	≠	≠	≠
161	Economic Statistics I—Even Years	—	—	12	—	12
	Odd Years	5.15	—	—	5.15	—
162	Economic Statistics II	≠	≠	≠	≠	≠
168	Economics (Engineering)	—	—	11	11	—
169	Public Finance Odd Years only	—	—	5.15	—	—
171	Elements of Accounting Even Years	—	12	—	12	—
	Odd Years	—	5.15	—	5.15	—
172	Management Accounting Even Years	—	5.15	—	5.15	—
	Odd Years	—	12	—	12	—
173	Financial Accounting Even Years	—	12	—	12	—
	Odd Years	—	5.15	—	5.15	—
181	Commercial Law A Even Years	—	—	5.15	—	5.15
	Odd Years	8.45 a.m.	—	—	—	8.45 a.m.
182	Commercial Law B Even Years	—	5.15	—	5.15	—
	Odd Years	—	—	5.15	—	5.15
95	Economic Geography Even Years	—	9	—	9	—
	Odd Years	—	7.15	—	—	7.15

Times for tutorial classes will be arranged at commencement of lectures.

≠ Times to be arranged.

FACULTY OF ECONOMICS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
201, 202	General Mathematics and Mathematics I	10 (A) 2(B)	—	10 (A) 2(B)	—	10 (A) 2(B)
	Tutorials (2 hours)	11-1 3-5	—	11-1 3-5	—	11-1 3-5

(A) and (B) are alternatives.

NIGHT LECTURES FOR 1961
FACULTIES OF ARTS, SCIENCE AND ECONOMICS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
5	Latin I	5.15-6.15	—	—	5.15-7.15	—
9	Comparative Philology	5.15	—	—	5.15	—
21	English I	—	5.15	—	—	5.15
22	English II	—	5.15	—	—	5.15
31	French I	—	—	6.15	—	6.15
42	German II	—	—	5.15	—	5.15
43	German III	—	—	5.15	4.15	5.15
44	Older German I	4.15	—	4.15	—	4.15, 5.15
45	Older German II	4.15, 5.15	—	—	5.15	4.15, 5.15
51	History IA	—	4.15†, 6.15†	—	—	4.15†, 6.15†
55	History IIB	5.15	—	—	5.15	—
56	History IIIA	5.15	—	—	5.15	—
57	History IIIB	4.15	—	—	4.15	—
62	Politics IIA	6.15	—	—	6.15	—
65	Politics IIIB	—	5.15	—	—	5.15
71	Philosophy I	—	5.15	—	—	5.15
80	Psychology IA	5.15	—	—	5.15	—
81	Psychology I	5.15	—	—	5.15	—
82	Psychology IIA—Lectures	4.15	—	5.15	—	—
	Psychometrics	—	—	—	—	4.15
	Laboratory	6.15-9.15	—	—	—	—
85	Psychology IIIB—Lectures	5.15	—	4.15	—	4.15
	Psychometrics	—	—	—	—	—
	Laboratory	—	4.15-6.15	—	4.15-6.15	—
91	Geography I—Lectures	—	5.15	—	—	5.15
	Practical (one hour)	≠	≠	≠	≠	≠
93	Geography III—Lectures	4.15	—	4.15	—	4.15
	Practical	—	4-6.30†	—	4-6.30†	Saturday 9-11.30†
95	Economic Geography	—	7.15	—	—	7.15
101	Education	—	5	—	—	—
105	Hygiene	—	—	—	—	6.15
117	Educational Psychology II	—	—	4.30	—	—
152	Economics II	—	—	5.15	—	5.15
155	Economic Development II	5.15	—	5.15	—	—
161	Economic Statistics I	5.15	—	5.15	5.15	—
169	Public Finance	—	—	5.15	—	—
171	Elements of Accounting	—	5.15	—	5.15	—
173	Financial Accounting	—	5.15	—	5.15	—
182	Commercial Law B	—	—	5.15	—	5.15
201	General Mathematics (at I.T.)	5.15-7.15 or 7.15-9.15	—	—	5.15-7.15 or 7.15-9.15	—
221	General Physics and	—	—	—	—	—
223	Physics I—Lectures	5.15	—	5.15	—	5.15
	Practical	—	—	6.15-9.15	—	—
231	Chemistry I—Lectures	5.15	—	5.15	—	5.15
	*Practical (at I.T.)	—	—	7.15-10	—	7.15-10
251	Geology I—Lectures	—	5.15	—	5.15	—
	Practical }	—	6.15-8.15	—	6.15-8.15	—
	Tutorial }	—	—	—	—	—
269	Biology—Lectures	—	6.15	—	6.15	—
	Practical	—	7.15-9.45	—	7.15-9.45	—

For those subjects in which tutorials and/or laboratory work are given, times will be arranged at the commencement of lectures.

*Candidates should consult the S.A. Institute of Technology authorities early in the year and especially about work in Organic Chemistry.

†Alternatives

≠ Times to be arranged.

FACULTY OF SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST-YEAR SUBJECTS						
201	General Mathematics <i>and</i>					
202	Mathematics I—Lectures	10(A) 2(B)	—	10(A) 2(B)	—	10(A) 2(B)
	Tutorial (2 hours)	11-1 3-5	—	11-1 3-5	—	11-1 3-5
221	General Physics <i>and</i>					
223	Physics I—Lectures	9(A) 5.15(B)	—	9(A) 5.15(B)	—	9(A) 5.15(B)
	Tutorial (1 hour)	—	—	11, 3	—	—
	Practical (3 hours)	10-1	10-1 2-5	—	2-5	10-1
231	Chemistry I—Lectures	9(A) 5.15(B)	—	9(A) 5.15(B)	—	9(A) 5.15(B)
	Practical	2-5(A)	10-1(B) 2-5(C)	—	10-1(B)	2-5(A)
251	Geology I—Lectures	—	9(A) 5.15(B)	—	9(A) 5.15(B)	—
	*Tutorial (1 hour)	—	—	12, 2, 3, 4	—	—
	Practical (3 hours)	10-1	10-1, 2-5	—	—	10-1
261	Botany I—Lectures	—	9	—	9	—
	Practical	—	10-1	—	10-1	—
269	Biology—Lectures	—	9	—	9	—
	Practical	10-1(A) 2-5(B)	—	—	—	10-1(A) 2-5(B)
271	Zoology I—Lectures	—	5.15	—	5.15	—
	Practical	—	2-5	—	2-5	—
SECOND-YEAR SUBJECTS						
203	Mathematics II—Lectures	11	—	11	—	11
	Tutorial	—	9(A)	—	9(B)	—
204	Pure Mathematics II—Lectures	9	—	9	—	9
	Tutorial	—	10(A)	—	10(B)	—
205	Applied Mathematics II—Lectures	11	—	11	—	11
	Tutorial	—	9(A)	—	9(B)	—
206	Statistical Methods—Lectures	12	—	12	—	12
	Tutorial	≠	≠	≠	≠	≠
224	Physics II—Lectures	10	—	10	—	10
	Practical	2-5	—	—	—	2-5
233	Physical and Inorganic Chemistry II—					
	Lectures	12	—	12	—	12
	Practical	—	9-5(A)	—	9-5(B)	—
235	Chemistry II—Lectures	12	—	12	—	12
	Practical	—	—	9-12, 2-5	—	—
236	Organic Chemistry II—Lectures	10	—	10	—	10
	Practical	—	9-5(A)	—	9-5(B)	—
252	Geology II—Lectures	9	—	9	—	9
	Practical	—	—	2-4	9-1	—
262	Botany II—Lectures	9	—	—	—	9, 10**
	Practical	2-4(A)**	2-5	9-11(B)**	2-5	—
274	Zoology II—Lectures	—	12	—	12	10**
	Practical	2-4(A)**	9-12	9-11(B)**	9-12	—
281	Biochemistry I—Lectures	11	—	11	—	11
	Practical	2-5	—	—	—	2-5
296	Genetics I—Lectures Part A	10	—	—	—	2-4(B)
	Practical	—	—	2-4(A)	—	10
	Lectures Part B	—	—	—	—	—
	Practical	2-4(A)	—	9-11(B)	—	—
301	Histology—Lectures	9	—	9	—	—
	Practical	—	—	2-5	2-5	—
THIRD-YEAR SUBJECTS						
49	Scientific German					
	Beginners	—	12	—	2.15	—
	Advanced	≠	≠	≠	≠	≠
207	Pure Mathematics III—Lectures	9, 10	—	9, 10	—	10
	Tutorial	—	—	—	—	—
208	Applied Mathematics III—Lectures	—	9, 10	—	9, 10	—
	Tutorial	—	—	—	—	9
209	Mathematical Statistics—Lectures	≠	≠	≠	≠	≠
	Tutorial	≠	≠	≠	≠	≠
225	Physics III—Lectures	4	12	—	12	4
	Practical (9 hours)	all day	—	all day	all day	—

(A), (B) and (C) are alternatives.
 *Other tutorial times will be arranged as required.
 **First term only of Quantitative Biology, Part B of Genetics I (296)
 ≠ Times to be arranged

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
237	Physical and Inorganic Chemistry III—					
	Lectures	—	9	—	9	12
	Practical (12 hours)	—	all day	—	all day	—
239	Organic Chemistry III					
	Lectures	9	—	9	—	9
	Practical (12 hours)	2-5	—	all day	—	all day
254	Geology III—Lectures*	9	10	9	10	9
	Practical (12 hours)	all day	all day	all day	all day	—
257	Palacontology—Lectures	≠	≠	≠	≠	≠
	Practical	≠	≠	≠	≠	≠
265	Botany III—Lectures	9	—	9	—	9
	Practical (10 hours)	—	all day	—	all day	—
275	Zoology III—Lectures	10	—	10	—	10
	Practical (9 hours)	2-5	—	—	—	all day
282	Biochemistry II—Lectures	12	—	12	—	12
	Practical (8 hours)	all day	—	all day	—	—
286	Physiology—Lectures	9	—	9	—	9
	Practical	2-5(A)	2-5(B)	—	2-5(A)	2-5(B)
292	Microbiology—Lectures	—	11	11	11	—
	Practical (10 hours)	—	all day	2-5	2-5	—
297	Genetics II—Lectures	2	—	—	11	2
	Practical	≠	≠	≠	≠	≠

(A) and (B) are alternatives.

* One of these periods will be a tutorial class.

≠ Times to be arranged.

FACULTY OF ENGINEERING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST-YEAR COURSES						
201	General Mathematics— Lectures Tutorial (2 hrs.)	10 11-1 3-5	— — —	10 — —	— — —	10 11-1 3-5
221	General Physics—Lectures Practical (3 hrs.) Tutorial	9 — —	2-5 — —	9 — 11	2-5 — —	9 — —
232	Chemistry IA—Lectures Practical	— —	9 —	— 2-5	9 —	— —
481	Graphics—Lectures Practical (3 hrs.)	— —	12 2-5	— —	— 2-5	— 2-5
491	First Aid—Lectures Practical	≠ ≠	≠ ≠	≠ ≠	≠ ≠	≠ ≠
492	General Engineering—Lectures	—	—	—	12	—
1214	Workshop Practice—Lectures Practical (3 hrs.)	1.30-4.30	1.30-4.30	—	1.30-4.30	1.30-4.30
SECOND YEAR COURSES						
212	Mechanics—Lectures Tutorial (1 hr.)	— —	9 11	— —	9 11	— —
213	Mathematics I (Engineering)— Lectures Tutorial (1 hr.)	12 —	— 11	12 —	— 11	12 —
222A	Physics A (Engineering)— Lectures Practical (3 hrs.)	11 —	— 2-5	11 —	— 2-5	11 —
222B	Physics B (Engineering)—Lectures Practical	11 —	— —	11 —	2-5 —	11 —
234	Chemistry IIA—Lectures Practical	— 2-5	10 —	9 —	10 —	— 2-5
481	Graphics—Lectures Practical (3 hrs.)	— —	12 2-5	— —	— 2-5	— 2-5
491	First Aid—Lectures Practical	≠ ≠	≠ ≠	≠ ≠	≠ ≠	≠ ≠
492	General Engineering—Lectures	—	—	—	12	—
1214	Workshop Practice—Lectures Practical	1.30-4.30	1.30-4.30	—	1.30-4.30	1.30-4.30
1272	Engineering Materials—Lectures Practical	9 —	— —	10 2-4	— —	— —
THIRD YEAR COURSES						
212	Mechanics—Lectures Tutorial (1 hr.)	— —	9 11	— —	9 11	— —
214	Mathematics II (Engineering)— Lectures Tutorial (1 hr.)	12 —	— 12	12 —	— 12	12 —
251	Geology I (B.Sc.)—Lectures Practical (3 hrs.) Tutorial (1 hr.)	— 10-1 —	9 2-5 —	— — 10, 2, 4	— 9 —	— — —
251B	Geology I (Engineering)— Lectures Practical Tutorial	— — — —	9 — — —	— 10-12 — —	9 — 12 2-5	— — — 9
432	Strength of Materials—Lectures Practical (3 hrs.)	— —	10 2-5	— —	10 2-5	— —
433	Surveying A—Lectures Practical	— 2-5	— —	— —	— —	9 —
434	Surveying B—Lectures Practical	— —	12* 2-5**	— —	— —	— —
441	Electrical Engineering I—Lectures Practical Tutorial	11 — —	9 2-5 11	— 9-12 —	11 — —	11 — —
445	Electrical Engineering S— Lectures Practical (3 hrs.)	— — —	11 — —	— — —	11 — —	— 2-5 Saturday
461	Process Engineering I—Lectures	9	—	—	12**	9
468	Applied Physical Chemistry—Lectures Practical	10 —	— —	9 2-5	— —	9 —

* First Term only
≠ Times to be arranged.

** Second Term only

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
482	Engineering Drawing and Design— Lectures	—	—	—	—	10
	Practical (3 hrs.)	9-12	—	2-5	—	2-5
485	Production Technology—Lectures .. Practical	—	—	9-12	9	—
FOURTH YEAR COURSES						
168	Economics (Engineering)— Lectures	—	—	11	11	—
	Tutorial (1 hr.)	≠	≠	≠	≠	≠
215	Mathematics III (Engineering)— Lectures	—	—	9	—	9
	Tutorial	—	—	—	—	12
251A	Geology IA—Lectures	—	9	—	9	—
	Practical	—	—	10-12	—	—
	Tutorial	—	—	9	—	—
253	Geology IIA†—Lectures	9	—	9	9-1	9
	Practical	—	—	—	—	9
256	Mining Geology***—Lectures	—	—	9	9-1	9
	Practical	—	—	—	—	—
421	Civil Engineering I—Lectures	—	9	10	10	—
	Practical	2-5	—	—	2-5	—
425	Civil Engineering S—Lectures	—	11	—	—	11
	Practical (3 hrs)	—	—	2-5	—	2-5
426	Hydraulics A—Lectures	—	11	—	—	11
	Practical	—	—	—	—	2-5
427	Hydraulics B—Lectures	—	—	—	—	12
	Practical	—	—	—	2-5**	—
428	Hydraulics S—Lectures	—	10	—	—	—
	Practical	—	—	—	2-5**	—
430	Instrumentation—Lectures	—	—	12	—	—
	Practical	—	—	2-5	—	—
442	Electrical Engineering II—Lectures .. Practical	9	12	10	9	—
	Tutorial	10-1, 2-5	—	12	—	—
445	Electrical Engineering S— Lectures	—	11	—	11	—
	Practical (3 hrs.)	—	—	—	—	2-5
						Sat. 9-12
447	Electronics—Lectures	—	9	—	—	—
	Practical	—	—	—	2-5††	—
451	Mechanical Engineering IA— Lectures	—	10	12	9†	—
	Practical	10-1	2-5*	—	—	—
452	Mechanical Engineering IB— Lectures	—	—	10	12	—
	Practical	2-5	—	—	—	—
456	Mechanical Engineering S— Part 1 Machine Design—Lectures .. Practical	—	10	—	—	10*
	Part 2 Theory of Machines— Lectures	—	2-5†	—	—	—
	Practical	—	—	—	—	10††
	Part 3 Thermodynamics—Lectures .. Practical	—	2-5***	—	—	—
		—	—	—	10†	—
462A	Process Engineering IIA—Lectures .. Practical	12	—	—	12	—
	Tutorial	2-5	—	—	—	10-12
462B	Process Engineering IIB—Lectures .. Practical	—	—	—	10	9
462C	Process Engineering IIC—Lectures .. Practical	10††	—	—	—	2-5
464	Process Control—Lectures	11	—	—	—	—
	Practical	—	—	—	2-5	—
471	Mining Engineering I—Lectures	11	12	—	—	—
	Practical	—	—	10-1	—	—
FIFTH YEAR COURSES						
To be arranged by Heads of Departments.						

* First Term only
 **Second Term only
 *** Third Term only

† First and Second Terms
 †† Second and Third Terms
 ≠ Times to be arranged

FACULTY OF AGRICULTURAL SCIENCE

FIRST YEAR

Chemistry I	}	See Faculty of Science
General Physics		
Botany		
Zoology		

SECOND YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
361	Agriculture I	—	—	2-4	—	12
235	Chemistry II—Lectures	—	—	12	4	9
	Practical	10-1, 2-5	—	—	—	—
364	Botany IIB	—	9-1	9	—	2-5
251	Geology I	—	2-5	11	—	11
366	Genetics IA—Lecture	9	—	—	—	—
	Practical (2 hrs.)*	—	—	—	9-11 (A) 2-4 (B)	—

* A candidate must attend Session (A) or (B).

THIRD YEAR

(All subjects are taken at the Waite Institute except on Wednesdays.)

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
371	Agriculture II (Pt. A)	—	—	—	—	9-1
372	Agricultural Biochemistry I	—	—	—	9-1	—
379	Soil Science I	—	9-1	—	—	—
373	Biometry (1st Term)	9-11	—	—	—	2-4
378	Agricultural Botany (2nd and 3rd Terms)	9-1	—	—	—	—
371	Agriculture II (Part B) (1st term)	2-5	—	—	2-5	—
374	Entomology I (2nd and 3rd terms)	2-5	—	—	—	—
377	Plant Pathology I (2nd and 3rd terms)	—	—	—	2-5	—
382	Animal Husbandry I	—	—	—	—	—
383	Farm Engineering	—	—	—	—	—
398	Farm Demonstrations	—	—	—	—	—

Lectures are given at Roseworthy Agricultural College on Wednesday.

FOURTH YEAR

All subjects, except Genetics II and Animal Husbandry II, are given at the Waite Institute.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
156	Agricultural Economics	—	—	4	9	—
387	Agriculture III—Lectures	9	9	—	—	—
	Practical	—	10-1	—	—	—
388	Agronomy	10-1, 2-5	—	—	10-1	—
394	Horticulture	10-1, 2-5	—	—	10-1	—
297	Genetics II—Lectures	12	—	—	12	10
	Practical	10-1, 2-5	—	—	10-1	—
393	Agricultural Biochemistry II	—	2-5	9-1, 2-4	—	—
391	Plant Breeding	—	2-5	9-1, 2-4	—	—
396	Entomology II	—	—	—	2-5	9-1, 2-4
389	Animal Husbandry II	—	—	—	2-5	10-1, 2-5
395	Plant Pathology II	—	2-5	9-1, 2-4	—	—
392	Soil Science II	—	—	—	2-5	10-1, 2-5

DIPLOMA IN PHYSIOTHERAPY
FIRST YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Anatomy I	Anatomy I (Histology)** Anatomy I†		Anatomy I (Histology)	Anatomy I
11			Theory of Movement I ††		Practical Massage †
12	Anatomy I (Embryology)*	Anatomy I (Histology)		Anatomy I (Histology)	Anatomy I (Embryology)*
1					
2	Physics	Anatomy I (Histology)* (Neurology) (Practical) †† (2-4)		Anatomy I (Histology) (Practical)* (2-4)	Physiology †† (2-5)
3	Massage and Treatments (Theory)†				
4		Physiology*		Physiology*	
5.15	Social Psychology			Social Psychology	

* First and Second Terms **First Term only. †Second and Third Terms †† Third Term only.

SECOND YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9					Pathology
10		Anatomy II (Neurology) (1½ terms)		Anatomy II (Neurology) (1½ terms)	
10.30	Theory of Movement II		Practice of Treatments (10.30-12.30)		
10.45		Theory of Treatments		Theory of Treatments	
12	Anatomy II	Practice of Movement II			Anatomy II
1	Practice of Hospital Work I at R.A.H. (1-5)		Practice of Hospital Work I at R.A.H. (1-5)		Practice of Hospital Work I at R.A.H. (1-5)
1.30				Theory of Movement II (Neuro-muscular re-education)†	
2		Electrotherapy (2-4)			

† Second and Third Terms.

DIPLOMA IN PHYSIOTHERAPY—Continued

THIRD YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	Practice of Hospital Work II (all day)		Practice of Hospital Work II (all day)		Practice of Hospital Work II (all day)
1.30					
2		Theory of Movement III (Neuro-muscular re-education)			
2.45				Theory of Movement III (Neuro-muscular re-education)	
3.30		Theory of Specialised Treatments (Medical Lectures)			
4				Theory of Specialised Treatments (Surgical Lectures)	
4.30		Electrotherapy			

NOTE: Practical work at the hospitals begins on the first Monday in February. Students are divided into two groups, each working two-thirds of the year at the Royal Adelaide Hospital and one-third at the Adelaide Children's Hospital. Those at R.A.H. attend the Queen Victoria Maternity Hospital each day for two weeks in turn. Those at A.C.H. visit either the Somerton Crippled Children's Home, or the Spastic Centre for half a day in alternate weeks.

FACULTY OF MEDICINE

FIRST-YEAR COURSE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
531	Physics—Lectures	12	—	12	—	12
	Practical (3 hours)	2-5	—	—	10-1	—
532	Chemistry—Lectures	—	2	2	—	2
	Practical (3 hrs.)	9-12	—	—	—	9-12
269	Biology—Lectures	—	9	—	9	—
	Practical (5 hrs.)	—	9-12, 3-5	—	—	—
534	Medicine and the Humanities—					
	Lectures	—	—	—	4	4
	Tutorial	≠	≠	≠	≠	≠

≠ Times to be arranged

DIPLOMA IN PHYSICAL EDUCATION

To be arranged in consultation with the Senior Lecturer-in-Charge,

DIPLOMA IN SOCIAL STUDIES

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	
52	History IB	9	—	9	—	—	
55	History IIB	5.15	—	—	5.15	—	
61	Politics I	—	9	—	—	9	
81	Psychology I	5.15	—	—	5.15	—	
83	Psychology IIB—Lectures	11	2.15	—	—	—	
	Psychometrics	—	—	—	—	4.15	
	Laboratory	—	—	—	9-12	—	
150	Social Economics	—	—	12	—	12	
151	Economics I	—	—	12	—	12	
154	Economic Development I	—	—	6.15	6.15	—	
269	Biology—Lectures	—	9 (A) 6.15(B)	—	9 (A) 6.15(B)	—	
	Practical	2-5(A)	7.15-9.45 (B)	—	7.15-9.45 (B)	2-5(A)	
801	Human Biology	—	4	—	4	—	
807	Human Nutrition	12(A)	12 (B)	—	—	—	
836	Social Work I	—	5.15	—	—	5.15	
843	Physiology	—	4	—	4*	—	
846	Social Work II—Lectures	2-4	—	—	—	10-12	
	Practical	≠	≠	≠	4.15	≠	
851	Social Organisation	—	—	—	—	—	
852	Sociology—Lectures	—	—	—	2-4	—	
	Practical†	—	—	—	≠	≠	
856	Social Work III—Lectures	2-5	2-5	—	—	—	
	Field Work	9-1	9-1	9-1	9-1	9-1	
	Clinical Sessions	≠	≠	≠	≠	≠	
859	Field Work—First Year	Six continuous weeks after annual examinations.					—
	Second Year	Six continuous weeks after annual examinations.					—
	Third Year	Ten continuous weeks after annual examinations.					—

For those subjects in which tutorials and/or laboratory work are given, times will be arranged at the beginning of lectures.

* First and Second Terms only
≠ Times to be arranged.

† Third Term only.
(A) and (B) are alternatives.

FACULTY OF DENTISTRY

FIRST-YEAR COURSE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
531	Physics—Lectures	12	—	12	—	12
	Practical (3 hrs.)	2-5	—	—	—	2
532	Chemistry—Lectures	—	2	2	—	—
	Practical (3 hrs.)	9-12	—	—	—	9-12
269	Biology—Lectures	—	9	—	9	—
	Practical (5 hrs.)	—	9-12, 3-5	—	—	—
616	Dental Materials and Technics I	—	—	—	10-1*, 2-5	—

* Third Term only.

DIPLOMA IN PHARMACY

FIRST YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
751	Inorganic Chemistry— Lectures	1	—	—	—	10	10
		2, 3	—	—	—	—	10
	Practical	All	9-12	—	—	—	—
752	Theoretical Inorganic Chemistry B.P. Salts ..	All	3	—	—	11	—
754	Elementary Pharmacy— Lectures	All	2	—	—	—	11
	Practical (4 hrs.)	All	—	—	—	1-5	1-5
755A	History of Pharmacy ..	All	—	—	—	—	8.30
755B	Surgical Dressings and Appliances	1	12	—	—	—	—
		2, 3	5	—	—	—	—
	First Aid .. .. .	..	..	..	..	..	..

SECOND YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
761	Organic Chemistry— Lectures	1	10	—	—	—	—
		2, 3	10	—	10	—	—
		1	—	—	9-5	—	—
	Practical	2, 3	—	—	11-5	—	—
763	Practical Pharmacy, Volumetric Analysis and Drug Assay I—Lectures	2, 3	9	—	9	—	—
	Practical	All	1-5	—	—	—	—
269	Biology—Lectures	All	—	6.15	—	6.15	—
		All	—	7.15-9.15	—	7.15-9.15	—
	Practical	All	—	—	—	—	—

THIRD YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
771	Botany and Pharmacognosy	All	—	3-5.30	—	—	—
772	Commercial Pharmacy ..	All	—	9	—	—	—
773	Practical Pharmacy, Volumetric Analysis and Drug Assay II— Lectures	All	—	2	—	—	—
		All	—	10-1	—	—	—
	
	Practical .. .. .	..	..	..	..	..	..

FOURTH YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
781	Practical Pharmacy and Dis- pensing—Lectures	All	—	10	—	11, 2	—
		All	—	—	9-1	—	—
782	Forensic Pharmacy	2, 3	—	11	—	—	—
783	Pharmacy Organisation ..	1, 2	—	—	—	5	—
		2, 3	—	9	—	—	—
791	Pure Pharmacology— Lectures	All	—	4	—	4	—
		3	—	2-4	—	—	—
792	Practical Demonstration ..	..	..	2-5	..	..	..
792	Bacteriology	1 and part of 2	—	—	—	—	—
793	Nutrition	2, 3	—	—	—	12	—
794	Organic Medicinals	All	—	—	—	10	—

FACULTY OF MUSIC

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday					
671	Chief Prac. Study I	}									
671	Second Prac. Study I										
672	Chief Prac. Study II										
672	Second Prac. Study II										
673	Chief Prac. Study III										
673	Second Prac. Study III										
691	Speech Training I										
692	Speech Training II										
694	Concerto						Times to be arranged				
695	The Scope of School Music I ..										
696	The Scope of School Music II ..										
697	The Scope of School Music III ..										
700	Principles of Class Music Teaching I										
701	Principles of Class Music Teaching II										
702	Principles of Class Music Teaching III										
703	Modern Languages I	5.30 (Italian)	—	—	—	—					
704	Modern Languages II	—	5.30 (French)	—	—	—					
705	Modern Languages III	—	—	5.30 (German)	—	—					
706	Ensemble Playing I	}									
707	Ensemble Playing II										
708	Drama I						Times to be arranged				
709	Drama II										
710	Drama III										
711	Harmony I	3	—	3	—	—					
712	Harmony II	—	3	—	3	—					
713	Harmony III	9	—	—	12	—					
714	Harmony IV	—	9	—	9	—					
717	Counterpoint I	—	3	—	3	—					
718	Counterpoint II	9	—	—	12	—					
719	Counterpoint III	—	9	—	9	—					
722	Canon and Fugue	—	—	11	11	—					
726	History of Music I	4	2	—	—	—					
727	History of Music II	—	4	—	4	—					
728	History of Music III	—	—	4	—	4					
729	History of Music IV	4	—	10	—	—					
730	Literature of Music	≠	≠	≠	≠	≠					

≠ Times to be arranged

FACULTY OF MUSIC—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
731	Form	—	—	11	—	—
735	Orchestration I	—	—	10	—	—
736	Orchestration II	—	11	—	—	—
738	Musical Criticism and Aesthetics	—	3	—	—	—
739	Essay I	11	—	—	—	—
740	Essay II	11	—	—	—	—
741	Practical Tests I	2	—	2	—	—
742	Practical Tests II	—	2	—	2	—
743	Practical Tests III	10	—	—	11	—
744	Practical Tests IV	—	10	—	10	—
746	Acoustics (1st Term only)	≠	≠	≠	≠	≠
747	Accompanying	—	—	—	12	—
748	Methods of Teaching	≠	≠	≠	≠	≠

≠ Times to be arranged.

FACULTY OF ARCHITECTURE AND TOWN PLANNING

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST YEAR SUBJECTS:						
901	Building Construction I	—	9	—	—	—
902	Mathematics—Lectures	≠	≠	≠	≠	≠
	Tutorials (2 hours)	≠	≠	≠	≠	≠
903	Building Science I—Lectures	—	—	10	—	—
	Laboratory	—	—	11-1	—	—
904	History of Architecture I	9	—	—	—	—
905	Architectural Design and Planning I	—	11	—	—	—
906	Architectural and Free Drawing	—	—	—	12	—
SECOND YEAR SUBJECTS:						
911	Building Construction II	—	—	9	—	—
912	Structures I	—	—	10	—	—
913	Building Science II—Lectures	—	10	—	—	—
	Laboratory	—	11-1	—	—	—
914	History of Architecture II	10	—	—	—	—
915	Architectural Design and Planning II	—	—	11	—	—
916	Architectural Surveying—Lectures	12	—	—	—	—
	Practical	—	9-11	—	—	—
THIRD YEAR SUBJECTS:						
921	Building Construction III	—	—	—	9	—
922	Structures II—Lectures	—	11	—	10	—
	Laboratory	—	12	—	—	—
923	Building Science III—Lectures	—	—	12	—	—
	Laboratory	10-12	—	—	—	—
924	Professional Practice I	—	—	—	—	11
926	Architectural Design and Planning III	—	—	—	11	—
FOURTH YEAR SUBJECTS:						
931	Building Construction IV	—	—	—	—	9
932	Structures III—Lectures	—	—	—	—	10
	Laboratory	—	—	2-4	—	—
933	Building Science IV—Lectures	—	—	—	10	—
	Laboratory	—	—	—	11-1	—
934	Professional Practice II	—	—	9	—	12
935	Town and Regional Planning and Civic Design I	—	—	12	—	—
936	Architectural Design and Planning IV	—	10	—	—	—
947	Honours Seminars	11	—	—	—	—
FIFTH YEAR SUBJECTS:						
941	Structures IV—Lectures	—	10	—	—	—
	Laboratory	—	—	—	11-1	—
942	Building Science V—Lectures	—	—	—	—	10
	Laboratory	—	—	—	—	11
943	Professional Practice III	—	12	—	—	—
944	Town and Regional Planning and Civic Design II	—	—	—	—	—
947	Honours Seminars	—	—	—	—	9 or 12

Studio work will be carried out during all non-programmed periods in the morning and during the afternoon sessions. Students will, however, also need to devote a part of evening sessions and weekends to practical work, especially during the latter part of the course.

≠ Times to be arranged

FACULTY OF TECHNOLOGY
COURSES IN TECHNOLOGY AND APPLIED SCIENCE

(Unless otherwise stated, all work is given at the S.A. Institute of Technology)

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
FIRST-YEAR COURSES						
201	General Mathematics— Lectures	9(A), 10(B), 5.15-7.15(C) 7.15-9.15(D)	9(A), 10(B)	9(A), 10(B)	10(A), 10(B), 5.15-7.15(C) 7.15-9.15(D)	— — 11
	Tutorial (1 hr.)	11, 6.15, 7.15	12	—	6.15, 7.15	—
221	General Physics— Lectures	9(A), 10(B), 5.15-7.15(C)	—	9(A), 10(B), 5.15-6.15(C)	—	9(A), 10(B)
	Practical (2 hrs.)	—	11-1, 3-5, 5.15-7.15	11-1	5.15-7.15	—
	Tutorial (1 hr.)	7.15	10, 2	6.15	—	9, 10
232	Chemistry IA— Lectures (Day)	12	—	—	—	12
	Lectures (Night)	5.15	—	—	—	5.15
	Practical (Day) (3 hrs.) ..	2-5	—	—	2-5	—
	Practical (Night)	—	—	—	—	7.15-10
	(For Chem., Prim., and Sec., Met. Students, at Univ.)— Lectures	—	9	—	9	—
	Practical (3 hrs.)	—	—	2-5	—	—
1008	Surveying IA—Lectures	—	—	—	9	—
	Practical	—	—	—	—	2-5
1021	Building Science I (T)	—	6.30	—	—	—
1024	Building Construction and Drawing I—Lectures	—	—	—	—	4
	Practical	—	—	—	2-5†	2-4
1031	Architectural Drawing I (T) ..	—	2-5	—	—	—
1032	Free Drawing IA	—	7-9	—	—	—
1033	Architectural History IB	—	—	6	—	—
1035	Quantity Surveying I	—	—	7.30-9.30	—	—
1039	Bookkeeping and Accounts	—	9	—	9	—
1201	Mechanical Engineering I (T) ..	11(A)	7-9(B)	—	11(A)	—
1204	Refrigeration Engineering I ..	11	—	—	11	—
1212	Engineering Drawing and Design I	2-4(A), 5.15-7.15(F), 7.15-9.15(G), 5.15-7.15(J)	11-1(B), 7.15-9.15(H)	10-12(B), 2-6(C), 7.15-9.15(H)	11-1(A), 1-5(D), 5.15-7.15(F), 7.15-9.15(G)	9-1(E), — — 5.15-7.15(J)
1214	Workshop Practice I— Lectures	—	10*(A)	11(B), 5.15(C)	—	—
	Practical (3 hrs.)	1.30-4.30*	1.30-4.30*	1.30-4.30	1.30-4.30, 6-9	9-12, 1.30-4.30*
SECOND-YEAR COURSES:						
213	Mathematics I (Engineering)— Lectures (Day)	10	—	9	11	—
	Lectures (Night)	6.15	—	10	5.15-7.15	—
	Tutorial (Day) (1 hr.)	11	—	—	12	—
	Tutorial (Night) (1hr.)	5.15	—	—	7.15	—
222B	Physics B (Engineering)— Lectures	11	—	11	—	11
	Practical (3 hrs.)	—	2-5	—	2-5	—
234	Chemistry IIA (at University)— Lectures	—	10	9‡, 5‡	10	—
	Practical	2-5	—	—	—	2-5
236A	Organic Chemistry IIA (at University)—Lectures	—	—	10	—	10
	Practical	—	9-1(A) 2-5(A)	—	9-1(B) 2-5(B)	—
251A	Geology IA (at University)—†† Lectures (Day)	—	9	—	9	—
	Lectures (Night)	—	5.15	—	5.15	—
	Practical (Day) (3 hrs.)	10-1	2-5	—	—	10-1
	Tutorial (Day) (1 hr.)	—	—	10, 12, 2, 4	—	—
	Practical and Tutorial (Night)	—	6.15-8.18	—	6.15-8.15	—
269	Biology (at University)— Lectures (Day)	—	9	—	9	—
	Practical (Day)	10-1(A) 2-5(B)	—	—	—	10-1(A) 2-5(B)
	Lectures (Night)	—	6.15	—	6.15	—
	Practical (Night) (5 hrs.)	—	7.15-9.45	—	7.15-9.45	—

* For B.E. Students only

‡ Alternatives

≠ Times to be arranged

(A), (B), (C), etc., are alternatives.

† First term only.

†† First and Second Terms only.

FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
807	Human Nutrition (at University)	12(A)	12(B)	—	—	—
1001	Structures I (T)—Lectures	2	10	2	—	—
	Practical	3-5	—	3-5	—	—
	Seminars	≠	≠	≠	≠	≠
1007	Town Planning Practice I	—	—	5.30	—	—
1008	Surveying IA—Lectures	—	—	—	9	—
	Practical	—	—	—	—	2-5
1009	Surveying Computations	—	—	—	—	9-12
1010	Surveying II—Lectures	—	9-11	—	—	—
	Practical	2-5	—	—	—	—
1015	Astronomy—Lectures	—	—	2-5	9-11	—
	Practical (3 hrs.)	—	—	6.30-9.30	—	—
1019	Applied Geology and Economic Geography	—	5.30	—	—	—
1022	Building Science II (T)	—	9	12	—	—
1025	Building Construction and Drawing IA—Lectures	—	—	—	—	4
	Practical	—	—	—	—	2-4
1026	Building Construction and Drawing II—Lectures	—	—	4	—	—
	Practical	—	—	2-4	—	—
1028	Building Administration I	6	—	10††	—	—
1034	Architectural History IIB—Lecture	—	—	—	—	5.45
	Practical	—	—	7-9	—	—
1035	Quantity Surveying I	—	—	7.30-9.30	—	—
1036	Quantity Surveying II	7.30-9.30	—	—	—	—
1040	Supervision—Human Relations	—	7.30-9	—	—	—
1051	Electrical Engineering II (T)—Lectures	5.15	5.15	—	—	—
	Practical (Electronic)	—	3-5	—	—	—
	Practical (Electrical)	—	6.15-8.15	—	—	—
1052	Electrical Engineering IIA (T)—Lectures	—	—	12	—	12
	Practical (Civil, Chem. and Met.)	—	—	10-12	—	—
	Practical (Mech.)	—	—	3-5	—	—
1101	Communication Engineering I—Lectures	2	—	4-6	—	—
	Practical (2 hours)	3-5	11-1	—	—	—
	Tutorial (1 hour)	12	—	3	—	—
1104	Applied Electronics—Lectures	—	9	—	—	—
	Practical (Electrical)	—	11-1	—	—	—
	Practical (Mechanical)	—	—	—	—	9-11
1153	Applied Mathematics (T)—Lectures (Day)	12	—	11	—	12
	Lectures (Night)	—	6.15	—	5.15-7.15	—
	Tutorial (Day) (1 hr.)	—	—	10, 12	—	11
	Tutorial (Night) (1 hr.)	—	5.15	—	7.15	—
1154	Electron Physics—Lectures	—	2	—	—	—
	Practical (2 hrs.)	—	3-5	11-1*	—	—
	Tutorial (1 hr.)	—	12	10	—	—
1201	Mechanical Engineering I (T)	11(A)	7-9(B)	—	11(A)	—
1202	Mechanical Engineering II (T)—Lectures	—	—	12	—	10
	Practical	2-4†	—	—	—	—
1205	Refrigeration Engineering II—Lectures	—	10	12	—	—
	Practical	—	—	—	2-4	—
1208	Strength of Materials (T)—Lectures	—	11-1	—	—	—
	Practical	—	—	—	—	2-5
1209	Materials and Structures—Lectures (Day)	—	—	—	2-4	—
	Lectures (Night)	—	5.15-7.15	—	—	—
	Practical (Day)	—	—	—	4-6	—
	Practical (Night)	—	—	5.15-7.15	—	—
1211	Hydraulics (T)—Lectures	—	—	—	—	9
	Practical	—	—	—	2-5 †††	—

* B. Tech. Students only.

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††† Third Term only

(A), (B), (C), etc., are alternatives.

FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
1212	Engineering Drawing and Design I	2-4(A) 5.15-7.15(F) 7.15-9.15(G) 5.15-7.15(J)	11-1(B), — 7.15-9.15(H) —	10-12(B), 2-6(C) 7.15-9.15(H) —	11-1(A), 1-5(D) 5.15-7.15(F) 7.15-9.15(G) —	9-1(E) — — 5.15-7.15(J)
1213	Engineering Drawing and Design II—Lectures ..	—	9(A)	10(B) 5 (C and D)	—	—
	Practical ..	—	2-5(A), 6-9(C)	2-5(B)	6-9(D)	—
1257	Process Technology I (at Univ.)	9	—	—	12**	9
1263	Physical Metallurgy I—Lectures	11	—	—	—	—
	Practical	—	2-5	—	—	—
1270	Chemistry I (Organic) (T)—Lectures	—	—	5	—	—
	Practical	—	—	7-10†	—	—
1272	Engineering Materials—Lectures (Day)	9	—	10	—	—
	Lectures (Night)	5	5	—	—	—
	Practical (Day)	—	—	2-4	—	—
	Practical (Night)	—	6-8	—	—	—
1280	Industrial Microbiology I (at Univ.)—Lectures	10	—	10	—	10
	Practical	≠	≠	≠	≠	≠
THIRD-YEAR COURSES						
236A	Organic Chemistry IIA (at Univ.)—Lectures	—	—	10	—	10
	Practical	—	9-1(A), 2-5(A)	—	9-1(B), 2-5(B)	—
251A	Geology IA (at Univ.)—Lectures (Day)	—	9	—	9	—
	Lectures (Night)	—	5.15	—	5.15	—
	Practical (Day) (3 hrs.) ..	10-1	2-5	—	—	10-1
	Tutorial (Day) (1 hr.) ..	—	—	10, 12, 2, 4	—	—
	Practical and Tutorial (Night)	—	6.15-8.15	—	6.15-8.15	—
466	Mineral Dressing (at Univ.)—Lectures	—	—	—	9	9
	Practical	—	2-5†	—	—	—
	Tutorial	—	2-4†††	—	—	—
468	Applied Physical Chemistry—Lectures	10	—	9	—	—
	Practical	—	—	2-5	—	—
807	Human Nutrition (at Univ.)	12(A)	12(B)	—	—	—
1002	Civil Engineering A—Lectures	10	11	—	9	—
	Practical	11	—	—	10-1	—
	Seminars	≠	≠	≠	—	≠
1003	Civil Engineering B—Lectures	9	5	9	5	—
	Practical	—	—	—	—	Sat. 9-12
1004	Structures II (T)—Lectures ..	—	—	—	—	9
	Practical	4-6	2-5	—	—	10-12
1005	Methods of Construction and Management	5	—	—	—	—
1006	Soils Investigations—Lectures	—	5.15	9**	—	—
	Practical	—	—	—	—	10-1*** Sat. 9-12*
1008	Surveying IA—Lectures	—	—	—	9	—
	Practical	—	—	—	—	2-5
1011	Land Surveying Design and Drafting	—	2-5	—	—	—
1012	Mine Surveying—Lectures ..	—	11	—	—	—
	Practical	≠	≠	≠	≠	≠
1013	Photogrammetry—Lectures ..	—	9-10.30	2-3.30	—	—
	Practical	2-5	—	—	9-12	—
1014	Geodasy	9-11	—	9-12‡, 10-1**	—	—
1016	Surveying Law	—	—	—	—	4.15-6.15
1017	Law in Relation to Planning (at Town Hall)	12	—	—	—	—

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FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
1018	Land Valuation Principles and Practice	—	6-7.30	—	—	—
1023	Building Science III (T) — Lectures	—	—	5	5.30	—
	Practical†††	≠	≠	≠	≠	≠
1027	Building Construction and Drawing III—Lecture	—	—	10	—	—
	Practical	—	—	11-1	2-5	—
1029	Building Administration II— Lectures	5	—	9	—	—
	Practical	2-5	—	—	—	—
1036	Quantity Surveying II	7.30-9.30	—	—	—	—
1037	Quantity Surveying III	—	—	7.30-9.30	—	—
1038	Estimating and Costing	—	6-8	—	—	—
1041	Design of Structures— Lecture	—	—	—	—	9
	Practical (2 hrs.)	4-6	2-5	—	—	10-12
1052	Electrical Engineering IIA (T) Lectures	—	—	12	—	12
	Practical (Civil, Chem. and Met.)	—	—	10-12	—	—
	Practical (Mech.)	—	—	3-5	—	—
1054	Electrical Engineering III (T) Lectures	12	—	—	10	—
	Practical (Electronic)	—	—	—	11-1	—
	Practical (Electrical)	—	—	—	2-4	—
1055	Automatic Control— Lectures	—	—	—	—	1.30
	Practical	—	—	—	—	2.30-5.30
1102	Communication Engineering II Lectures	—	9	—	—	9
	Practical	—	10-12	—	—	10-12
1104	Applied Electronics— Lecture	—	9	—	—	—
	Practical (Electrical)	—	11-1	—	—	—
	Practical (Mechanical)	—	—	—	—	9-11
1105	Electronic Engineering Design Lecture	—	—	9	—	—
	Practical	—	—	10-12	—	—
1106	Electronic Measurements— Lectures	9	—	—	—	—
	Practical	10-12	—	—	—	—
1107	Pulse Techniques—Lecture	—	—	—	2	—
	Practical	—	—	—	3-5	—
1201	Mechanical Engineering I (T)	11(A)	7-9(B)	—	11(A)	—
1203	Mechanical Engineering III(T) Lectures	—	11	—	12	—
	Practical	—	—	—	2-5	—
1204	Refrigeration Engineering I	11	—	—	11	—
1206	Refrigeration Engineering III— Lectures	—	12	—	—	11
	Practical	—	—	—	—	2-5
1207,	Machine Design,† } Lec.	—	—	9-11	—	—
1207A	Machine Design Project } Prac.	9-12	—	—	—	—
1209	Materials and Structures— Lecture (Day)	—	—	—	2-4	—
	Lecture (Night)	—	5.15-7.15	—	—	—
	Practical (Day)	—	—	—	4-6	—
	Practical (Night)	—	—	5.15-7.15	—	—
1211	Hydraulics (T)—Lecture	—	—	—	—	9
	Practical	—	—	—	2-5†††	—
1213	Engineering Drawing and Design II—Lectures	—	9(A)	10(B), 5(C and D)	—	—
	Practical	—	2-5(A), 6-9(C)	2-5(B)	6-9(D)	—
1215	Workshop Practice II— Lecture	—	—	—	11	—
	Practical (3 hours)	1.30-4.30	1.30-4.30	1.30-4.30	1.30-4.30	9-12, 1.30-4.30
1216	Principles of Business and Industry	≠	≠	≠	≠	≠
1251	Analytical Chemistry— Lecture	5	—	—	—	—
	Practical	2-5	—	—	—	—
1254	Extractive Metallurgy I (at Univ.)—Lectures	—	11	—	10	—
	Practical	—	—	—	—	2-5
	Tutorial (1 hour)	—	—	—	—	9, 10, 12

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FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
1255	Extractive Metallurgy IA (at Univ.)—Lecture	—	11	—	—	—
	Practical	—	—	—	—	2-5
1256	Industrial Instrumentation—Lecture	12	—	—	—	—
	Practical (3 hrs.)	2-5	—	—	2-5	—
1257	Process Technology I (at Univ.)	9	—	—	12**	9
1258	Process Technology II—Lectures	—	—	9	12	—
	Practical	—	9-1, 2-5	—	—	—
1259	Unit Operations (at Univ.)—Lecture	—	—	—	—	11
	Practical	—	—	—	—	2-5§
	Tutorial	—	—	—	—	2-5§
1263	Physical Metallurgy I—Lecture	11	—	—	—	—
	Practical	—	2-5	—	—	—
1264	Physical Metallurgy II—Lecture	—	—	—	9	—
	Practical	—	—	—	—	9-12
1265	Metal Fabrication—Lecture	—	5.15	—	—	—
	Practical	—	7-10†††	—	—	—
1266	Foundry Practice—Lecture ..	—	—	—	—	5.15
	Practical	—	—	—	—	7-10†
1267	Industrial Economics (at Univ.)	10***	—	—	—	—
1271	Assaying	—	—	9-12	—	—
1272	Engineering Materials—Lectures (Day)	9	—	10	—	—
	Lectures (Night)	5	5	—	—	—
	Practical (Day)	—	—	2-4	—	—
	Practical (Night)	—	6-8	—	—	—
1280	Industrial Microbiology I (at Univ.)—Lectures	10	—	10	—	10
	Practical	≠	≠	≠	≠	≠
1281	Industrial Microbiology II (at Univ.)	≠	≠	≠	≠	≠
FOURTH YEAR COURSES						
427	Hydraulics B (at Univ.)—Lecture	—	—	—	—	12
	Practical	—	—	—	2-5†††	—
466	Mineral Dressing (at Univ.)—Lectures	—	—	—	9	9
	Practical	—	2-5†	—	—	—
	Tutorial	—	2-4†††	—	—	—
471	Mining Engineering I (at Univ.)—Lectures	11	12	—	—	—
	Practical	—	—	10-1	—	—
1052	Electrical Engineering IIA(T)—Lectures	—	—	12	—	12
	Practical (Civil, Chem. and Met.)	—	—	10-12	—	—
	Practical (Mech.)	—	—	3-5	—	—
1204	Refrigeration Engineering I	11	—	—	11	—
1209	Materials and Structures—Lectures (Day)	—	—	—	2-4	—
	Lectures (Night)	5.15-7.15	—	—	—	—
	Practical (Day)	—	—	—	4-6	—
	Practical (Night)	—	—	5.15-7.15	—	—
1213	Engineering Drawing and Design II—Lectures	—	9(A)	10(B),	—	—
	Practical	—	2-5(A),	5 (C and D)	6-9(D)	—
		—	6-9(C)	2-5(B)	—	—
1251	Analytical Chemistry—Lectures	5	—	—	—	—
	Practical	2-5	—	—	—	—
1254	Extractive Metallurgy I (at Univ.)—Lectures	—	11	—	10	—
	Practical	—	—	—	—	2-5
	Tutorial (1 hour)	—	—	—	—	9, 10, 12
1255	Extractive Metallurgy IA (at Univ.)—Lectures	—	11	—	—	—
	Practical	—	—	—	—	2-5

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FACULTY OF TECHNOLOGY—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wednesday	Thursday	Friday
1256	Industrial Instrumentation— Lectures	12	—	—	—	—
	Practical (3 hours) ..	2-5	—	—	2-5	—
1258	Process Technology II— Lectures	—	—	9	12	—
	Practical	—	9-1, 2-5	—	—	—
1259	Unit Operations (at Univ.)— Lectures	—	—	—	—	11
	Practical	—	—	—	—	2-5§
	Tutorial	—	—	—	—	2-5§
1262	Physical Metallurgy Project	—	—	—	10-1, 2-5	—
1264	Physical Metallurgy— Lectures	—	—	—	9	—
	Practical	—	—	—	—	9-12
1265	Metal Fabrication—Lectures	—	5-15	—	—	—
	Practical	—	7-10†††	—	—	—
1266	Foundry Practice—Lectures	—	—	—	—	5-15
	Practical	—	—	—	—	7-10†
1267	Industrial Economics (at Univ.)	10***	—	—	—	—
1281	Industrial Microbiology II (at Univ.)	≠	≠	≠	≠	≠

††† Third Term only.

*** Second and Third terms only.

† First and Second Terms only.

≠ Times to be arranged.

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